

**Department of the Army
Pamphlet 738-750**

Maintenance of Supplies and Equipment

**Functional
Users Manual
for The Army
Maintenance
Management
System
(TAMMS)**

**Headquarters
Department of the Army
Washington, DC
1 August 1994**

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SUMMARY of CHANGE

DA PAM 738-750

Functional Users Manual for The Army Maintenance Management System (TAMMS)

This revision--

- o Incorporates general Air Traffic Control (ATC) information and usage of FAA Form 6030-1 in chapter 3.
- o Updates examples of forms used as figures in chapter 2.
- o Introduces a new DA Form 2407, which will rescind the existing DA Forms 2407 and 5504. This form was designed to be compatible with current manual and automated systems, and provide the field with 1 maintenance request form.
- o Provides a rewrite of chapter 3, maintenance forms. This chapter includes an added paragraph on low usage ; contains examples of all required maintenance forms for manual and automated units, with the exception of SAMS unique forms (chap 13) ; and updates examples of the forms.
- o Contains examples of revised forms in chapter 7. The DD Form 862 and FRA F6180-49A have been slightly modified for ease of use.
- o Includes dates with all SMART messages in chapter 10.
- o Provides a rewrite of chapter 12, ULLS, and slightly reformatted forms.
- o Updates the Failure Codes (app B, table B-1) to correspond with the Failure Code list in DA Pam 738-751.
- o Upgrades tables in appendix B to reflect requirements of current automated systems.
- o Updates the WARCOS and LAOs in appendix C.
- o Deletes the Equipment Under Warranty table in appendix D.
- o Adds a Julian Date Calendar as appendix D.

Headquarters
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Washington, DC
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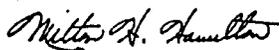
Maintenance of Supplies and Equipment

Functional Users Manual for The Army Maintenance Management System (TAMMS)

By Order of the Secretary of the Army:

GORDON R. SULLIVAN
General, United States Army
Chief of Staff

Official:



MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army

History. This UPDATE printing publishes a rewrite of this publication. Therefore, the changed portions have not been highlighted. This publication has been reorganized to make it compatible with the Army electronic publishing database. No content has been changed.

Summary. This pamphlet covers the preparation and management of forms and records required to manage maintenance, control the use, and report warranty actions and deficiencies on Army equipment.

Applicability. This pamphlet applies to the Active Army, Army National Guard, U.S. Army Reserve, and contractors supporting operations in a contingency environment. It applies to nontactical (commercial) wheeled vehicles and non-Army activities that have or support Army Communications Security (COMSEC) equipment and watercraft. It also applies to all Air Traffic Control (ATC) equipment including tactical and U.S. Army-maintained ATC and navigational aid (NAVAID) facilities designated for use in National Airspace System (NAS) by the Federal Aviation Administration (FAA).

Proponent and exception authority. Not Applicable.

Interim changes. Interim changes to this

pamphlet are not official unless they are authenticated by The Adjutant General. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

Suggested Improvements. The proponent agency of this pamphlet is the Office of the Deputy Chief of Staff for Logistics. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Director, USAMC Logistics Support Activity, ATTN: AMXLSRRM, Redstone Arsenal, AL 35898-7466.

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RESERVED

Chapter 1 Introduction

1-1. Purpose

a. This pamphlet indicates which records are required to control and manage equipment and maintenance. AR 750-1 sets the policy for keeping the records outlined in this pamphlet.

b. This pamphlet applies to all Army equipment, except installed equipment (see AR 420-17), industrial production equipment, non-standard equipment that has not been type classified or assigned a National Stock Number (NSN), equipment bought with nonappropriated funds, and medical equipment covered by TB 38-750-2.

c. The forms and records are used to—

- (1) Control equipment and manage maintenance.
- (2) Make equipment improvement recommendations (EIRs) and product quality deficiency reports.
- (3) Ask for, apply, and report Modification Work Orders (MWOS).
- (4) Keep track of and report on the condition, status, and operation of equipment.
- (5) Collect and report information used to design new equipment and redesign and improve current equipment.
- (6) Gather information for special one-time studies and projects. When the forms do not meet the needs of a study or project, ask HQDA (DALO-SMM), WASH DC 20310-0546, for approval to vary from this pamphlet.
- (7) Get special maintenance information from selected units in selected areas. This sampling will be limited to a stated number and a specific type, model, or series of equipment. The sample can be taken for only a limited time. AR 750-1 governs sampling programs.
- (8) File warranty claim actions (WCAs).

1-2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are explained in the consolidated glossary. Other military terms are defined in AR 310-25.

1-4. Exceptions

This pamphlet cannot be supplemented or changed without approval from HQDA (DALO-SMM), WASH DC 20310-0546.

1-5. Types of records

a. Operational records. Operational records give the information needed to control equipment. They help plan, manage, and put the equipment and personnel to the best use. Operational records are in chapter 2.

b. Maintenance records. Maintenance records control maintenance schedules and services, inspections, and repair workloads; and are used to report, ask for, and record repair work. They help keep up with the status of equipment for readiness, warranty, equipment use, and logistics reports. Maintenance records are in chapter 3.

c. Nonaeronautical Equipment, Army Oil Analysis Program (AOAP). Technical information, instructions, and operating procedures for nonaeronautical equipment enrolled in the AOAP are described in chapter 4. Policies, objectives, and responsibilities of the AOAP are prescribed in AR 750-1.

d. Equipment historical records. Historical records are permanent forms on the receipt, operation, maintenance, modification, transfer, and disposal of individual items of equipment. These records are in chapter 5.

e. Watercraft records. Records for U.S. Army floating craft are in chapter 6.

f. Rail equipment records. Chapter 7 covers records for U.S. Army rail equipment.

g. Communication security (COMSEC) equipment. COMSEC equipment records are in chapter 8.

h. Ammunition records. Use ammunition records to control and report on munitions. Nuclear weapon reporting is covered by (C) TB 9-1100-803-15. Ammunition records are in chapter 9.

i. Supply and Maintenance Assessment and Review Team (SMART). The purpose of SMART, how to submit a SMART initiative, and a list of SMART Initiatives are included in chapter 10.

j. Deficiency reports. Procedures to report deficiency reports are in chapter 11.

k. Unit Level Logistics System (ULLS) user procedures. ULLS user procedures are outlined in chapter 12.

l. Standard Army Maintenance System (SAMS) user procedures. Forms and procedures unique to SAMS users are outlined in chapter 13.

1-6. General instructions

a. Information about equipment forms and records, and specific details on how to use, fill out, and handle each form is found in the related chapter. Unless the specific instructions for the form say otherwise, the following rules apply:

- (1) Nonapplicable entries will be left blank.
- (2) All entries on the forms will be printed or typed except personal signatures and initials. All forms and records will be filled out in pencil, unless the specific instructions tell you to use ink. If ink is required, you will use a blue or black pen. Repeated information can be entered by rubber stamp. Typed and stamped entries will be in blue or black. Grease pencils, felt tip marker, and colored pencils will not be used except as directed for corrected copies.
- (3) Time and effort can be saved by using abbreviations. Use only the abbreviations in AR 310-50, AR 700-138, appendix B, and the consolidated glossary.
- (4) Authorized codes for forms are listed in appendix B.
- (5) Ditto symbols may be used. However, make sure the symbols cannot be misunderstood.
- (6) Forms may be overprinted when the information is repeated each time the form is used for a particular purpose. For example, heading information or inspection items may be overprinted.
- (7) The terms noun, noun abbreviation, and noun nomenclature refer to the same basic identification. These terms may be used interchangeably.
- (8) Use the examples and illustrations as guides only. Read the text and figure instructions. Then fill out your forms showing your own equipment, unit, and status. If there is a conflict between the form and the instructions in the figure, use the instructions.
- (9) Forms will not be changed or altered. You will not use locally devised forms instead of, or in addition to, the forms in this pamphlet. When forms do not give you needed information, you can ask permission to vary from this pamphlet. However, you will not vary from these requirements without written permission from HQDA (DALO-SMM), WASH DC 20310-0546.
- (10) Commanders appoint a designated representative to sign some forms and records. When a representative is appointed, that authority must be in writing on a memorandum, orders, or a DA Form 1687 (Notice of Delegation of Authority-Receipt for Supplies). See DA Pam 710-2-1.
- (11) Where rank/grade is mentioned, rank refers to military (e.g., CPT), and grade refers to civilian (e.g., WG-09).
- (12) Use julian or calendar dates unless the specific form instructions tell the type of date to put on a form.
- (13) Do not make out forms and records until you have an entry for them.
- (14) Disposition instructions are provided for each form. A form may be retained beyond the prescribed period when required locally to assist management or in special situations. A form will not be retained beyond the prescribed time merely for inspection purposes.
- (15) Wherever a masculine pronoun "he", "him", or "his" is used, it will be construed to include the feminine "she", "her", or "hers" as appropriate.
- b.* Commanders direct the preparation of forms for local management purposes. The forms used for local management purposes, and not directed to be maintained by other guidance, will not be sent outside the command.

c. The forms are no good unless the information is readable, correct, and complete. If a form is found with missing or incorrect information, check the applicable instructions for the form. If those instructions say the form or the information stays within the unit, just correct the form. Erase, use correction fluid or tape, or line through the wrong information. Write the correct information above the line or where the old entry was. Some information or entries cannot be changed. Check the specific form instructions before you erase, correct, or line through entries.

d. Whenever you make an EIR, check AR 672–20. Many EIRs qualify as suggestions and could earn you some money.

e. This pamphlet gives instructions for manually preparing maintenance forms and records. Some Department of the Army (DA) standard automated systems (ADPE-supported) also require maintenance forms and records. The instructions for filling out the forms under those systems are in the manuals for those systems. When the automated system you are under disagrees with this pamphlet, go with the automated system manual. But, the automated system manual rules over this pamphlet only when—

(1) The unit or activity that makes out the records has approval to use the DA standard automated system.

(2) The equipment records for the automated system meet the needs of this pamphlet.

(3) Reports required to be sent to the national level also fit the needs of this pamphlet. Those reports will meet the format and data reduction requirements in chapter 5.

f. Units or activities that are ULLS users will comply with the system's automated users manual. ULLS provides automated procedures for performing and managing limited TAMMS functions and standard motor pool operations. Many manual forms are replaced by automated records in ULLS. The forms automated through ULLS are authorized and will be used in place of the manual forms.

g. Units or activities operating under SAMS will use procedures as outlined in AISM 25–L21–AHN–BUR–EM.

h. Units or air traffic control (ATC) facilities that maintain non-standard Army ATC equipment must still use all historical and maintenance related forms in this pamphlet, as appropriate, as well as any other maintenance forms that are directed by the specific equipment's technical publications.

1–7. Forms requirements

a. The required forms and records give you and your commander a picture of the equipment's condition, use, operation, and needs. The ultimate purpose of this information is to have the equipment safe and ready for combat.

b. Operators, dispatchers, records clerks, mechanics, prescribed load list clerks, supervisors, and commanders have an equal stake in maintaining the forms.

c. The forms and records will not be redone just for neatness (See para 1–6c). Redo historical forms and records, as shown below, only when the original form is lost or so damaged that the information is no longer readable.

(1) When a historical form is redone, move all the information from the old form to the new one. In the remarks block of the new form or in the top or bottom margin, print: "New Form Initiated" and the date. The commander or the commander's designated representative signs the entry. Put UNK for unknown in any block that cannot be read. Throw away the national maintenance point (NMP) copies of forms made to replace lost or damaged forms. See the following instructions:

(a) These instructions apply only when the original form was on hand, but was lost or damaged.

(b) If equipment requiring a DA Form 2408–9 (Equipment Control Record) arrives in the unit without a form or there is no record of a DA Form 2408–9 on it, use the instructions in paragraph 5–2a.

(2) If you lose, damage, falsify, or destroy a record intentionally or through negligence, you will be subject to disciplinary action. These forms and records are important.

1–8. Status symbols

a. Status symbols are used on forms and records to show the seriousness of equipment faults or problems. The five status symbols below are used (X, CIRCLED X, HORIZONTAL DASH (–), DIAGONAL SLASH (/), and LAST NAME INITIAL):

(1) X. An X status symbol is for a fault or equipment condition that is a deficiency. Deficiencies put the equipment in an inoperable status. No one will authorize or order equipment operated until the X condition is repaired or status changed. If the condition is unusual and could occur on other similar equipment, check the other equipment. The commander or the commander's designated representative will immediately place all similar equipment in an X status symbol. Each item will be inspected. If the unsafe condition is found, it must be fixed; and, if necessary, a Category I deficiency report submitted, as outlined in chapter 11. Leave the equipment in an X status until instructions are received. An X status symbol applies to the following situations:

(a) *Deficiency on the equipment.* The motor officer, maintenance officer, or designated representative will inspect all work taken to correct each status symbol X and CIRCLED X deficiency.

(b) Component or assembly is defective or removed and makes the equipment unsafe to operate.

(c) Equipment has a deficiency listed in the "not mission capable if" (formerly equipment not ready/available if) of the equipment TMs PMCS table.

(d) Fault that endangers the lives of the operator or crew, listed in AR 385–55 as NMC, or that would further damage the equipment. This equipment will not be reported on MCSR unless listed in the NMC column of PMCS tables, but will be an administrative deadline.

(e) Urgent MWO has been published, but not applied to the equipment.

(f) Safety-of–Use message issued stating a potentially dangerous or unsafe condition on your equipment.

(g) The commander judges the equipment not able to do its mission.

(2) *CIRCLED X.* A CIRCLED X means the equipment has a deficiency but may be operated under set limitations. The commander or the commander's designated representative may authorize limited operation. The limited operation is usually for a one-time only operation but is dependent on the mission. A CIRCLED X status symbol applies to the following situations:

(a) Limited urgent MWO or deficiency with limiting conditions on your equipment. Limited condition means the equipment can be operated, but only within limits set by the MWO or other publication. The limits may affect operation or require a maintenance action in a set time.

(b) Potentially dangerous condition that requires limiting operations. When you find this type of condition, inspect other similar equipment. The commander or the commander's designated representative will put all similar equipment under limited operations. Send in a Category I deficiency report as outlined in chapter 11.

(3) *HORIZONTAL DASH (–).* A HORIZONTAL DASH shows that an inspection, component replacement, or overdue MWO has not been done or applied.

(4) *DIAGONAL SLASH (/).* A DIAGONAL SLASH shows a fault with equipment other than a deficiency. Faults must be fixed to make the equipment fully usable and to prevent more problems.

(5) *LAST NAME INITIAL.* A LAST NAME INITIAL shows a completely satisfactory condition or a corrected fault.

b. Status symbols reflect the judgment of the person making the inspection, operating the equipment, or doing the maintenance. No one will order an individual to change a status symbol. All changes become permanent, except CIRCLED X, until the fault is corrected or determined otherwise by the commander's designated representative, who will be knowledgeable in maintenance. The faults will be corrected per the Army –10 and –20 PMCS maintenance standards as noted in AR 750–1. A status symbol will be changed only under the following conditions:

(1) *Status symbol change.* The commander or commander's designated representative will ensure that the following is accomplished if they disagree with a status symbol:

(a) Changes can be made from a less serious to a more serious status symbol, and from a serious to a less serious status symbol.

(b) The commander or commander's designated representative will show a status symbol change on a DA Form 2404 (Equipment Inspection and Maintenance Worksheet) by re-entering the fault and new status symbol on the next open line. Print "status symbol change" in column d next to the fault.

(c) When either the original or final (change) status symbol is an X or a CIRCLED X, the repair work will be inspected. When the repair is finished, the repairer who performed the work will initial in column e. The commander or commander's designated representative will designate a qualified person who has not performed the repair work. This designated inspector will put his last name initial over the status symbol to accept the work and start the process to close out the fault.

(2) *Changing an X to a CIRCLED X status symbol.* A fault with an X status symbol puts the equipment in an inoperative condition. The equipment may have to be sent to a higher level maintenance activity for repair. Operating equipment in a CIRCLED X status symbol always carries some risk or danger. The commander or commander's designated representative will verify deficiency on a daily or mission basis, whichever is greater.

(a) Before allowing limited operations, make sure the crew or operators will not be endangered or the equipment further damaged.

(b) Changing an X to a CIRCLED X is temporary. When the daily or mission dispatch is over, the equipment goes back to an X status symbol.

(c) Changing an X not mission capable (NMC) condition to a CIRCLED X only effects operation of the equipment. The time is still counted as NMC on the DA Form 2406 (Materiel Condition Status Report), DA Form 3266-1 (Missile Materiel Readiness Report), DD Form 314 (Preventive Maintenance Schedule and Record), and DA Form 3266-2R (Missile Materiel Status Report Worksheet).

1-9. How to report errors, recommend improvements, and ask for help

a. If you need help or have questions about this pamphlet, send a letter through your command to the Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Be sure to send the letter through channels, as the answer you need may be nearby. Your command will try to answer your question before passing it on. If you go through channels, you will get an answer sooner.

b. Make sure your DA Forms 2028 (Recommended Changes to Publications and Blank Forms) and letters asking for information list the paragraph and page number. Remember to add your name and DSN or commercial phone number.

1-10. Sample data collection

a. Sample data collection (SDC) is the DA authorized process in accordance with AR 750-1 and AR 750-2 for collecting and administering information on fielded Army equipment and equipment support.

b. Data is collected on specific equipment in specific units for specific objectives. The data provides equipment developers and equipment managers with actual field performance information in support of supply, maintenance, or engineering evaluations. The SDC Program establishes an audit trail and supports evaluations of SDC specific objectives; for example, evaluated fielded systems currently in production using engineering service type data for the purpose of improving the production system reliability, availability, maintainability, and readiness characteristics.

c. HQDA approves all SDC projects. The executive agent designated by DA for SDC management will announce the initiation of

an SDC project by message 30 days before the SDC project implementation date. Participating units will be information addresses on those messages.

d. Accurate, timely, and complete recording of all data on TAMMS and SAMS forms and records by participating SDC units is essential to the success of an SDC project.

e. SDC project documentation includes a major Army command(MACOM) approved Field Procedures Guide (FPG), containing specific responsibilities, procedures, and instructions on what TAMMS, and SAMS forms will be required for the SDC project. In certain instances, it is necessary for the TAMMS forms to be modified to allow for the collection of essential data (for example, military occupational specialty (MOS) is not a required entry on the DA Form 2404 by the instructions in this pamphlet). Modified TAMMS and SAMS forms will only be used upon MACOM approval. Therefore, participating SDC units will ensure modified TAMMS and SAMS forms, if applicable, are completed as directed in the MACOM approved FPG.

f. AR 750-1 authorizes unit personnel in selected units to record data on special SDC forms. The use of special forms is restricted to a minimum and will be approved only with strong justification and per an approved SDC plan and FPG. Units participating in SDC projects will complete the applicable SDC form as directed by the MACOM approved SDC FPG. MACOM approval of the SDC FPG serves as the authority for unit personnel to complete the special SDC form.

Chapter 2 Operational Records and Dispatch Procedures

2-1. General procedures

a. This chapter tells how to make out and use forms for equipment operation, dispatch, and control.

b. The forms and records will be kept by all units, organizations, and activities who operate self-powered vehicles, towed vehicles, and stationary powered equipment. These forms may be used for other equipment when the commander wants hours of use, fuel, and oil added or other information.

c. Units with automatic data processing equipment support will use printouts or automated forms in place of the manual forms in this chapter.

d. The following publications tell how to train, test, and license equipment operators, except on aircraft, and report accidents:

- (1) AR 55-19
- (2) AR 56-9
- (3) AR 190-51
- (4) AR 385-40
- (5) AR 385-55
- (6) AR 600-55
- (7) AR 700-84
- (8) FM 21-17
- (9) FM 55-30
- (10) FM 21-305
- (11) FM 21-306
- (12) TB 600-1
- (13) TB 600-2

2-2. How to dispatch equipment

a. Dispatching is the method by which a commander controls the use of equipment. However, allowing equipment to be used carries with it the responsibility for both the equipment and the operator's safety. Commanders ensure that dispatching procedures are understood and followed.

b. The commander appoints a responsible person to the duties of a dispatcher (reference para 1-6a(10)).

c. The dispatcher—

- (1) Fills requests for equipment to be issued or used.

(2) Checks the operator's OF 346 (U.S. Government Motor Vehicle Operator's Identification Card) or DA Form 5984-E (U.S. Government Motor Vehicle Operator's Identification Card) (Automated) to make sure the operator is licensed for the equipment requested.

(3) Issues and collects the equipment record folder and the needed forms in the folder.

(4) Makes sure that the operators make needed and correct entries on the forms in the equipment record folder.

(5) Logs equipment in and out on the DA Form 2401 (Organizational Control Record for Equipment).

(6) Makes required entries on the DD Form 1970 (Motor Equipment Utilization Record).

(7) Makes sure equipment faults are reported to maintenance personnel using DA Form 2404.

(8) Reports any differences in stated and actual destinations or missions.

(9) Notes any services done during the dispatch, AOAP samples taken, and so forth. Update the DA Form 5823 (Equipment Identification Card) to show any new information.

d. The dispatch loop describes the following procedures that will be followed when dispatching equipment:

(1) The operator reports to the dispatcher. For equipment needing licensed operators, the operator's OF 346 or DA Form 5984-E (Automated) will list or cover the item.

(2) The dispatcher gives the operator an equipment record folder with all the forms that will be needed during the mission. Both the dispatcher and the operator check the DA Form 5823 on the front of the folder for services due on the equipment. For unusual dispatch situations such as field training exercises or alerts, forms and packets will be prepared in advance.

(3) The operator uses the equipment TM for before-operation PMCS. Any faults the operator can fix will be fixed. Other faults, not already on the DA Form 2408-14 (Uncorrected Fault Record), go on the DA Form 2404. Nontactical equipment may not have a PMCS. Use a local checklist as a PMCS for that equipment. Operational checks and services will be performed before the equipment leaves the motor pool or other dispatch point. Operational checks will be performed while the equipment is being operated. Operational checks and services will be performed when the equipment completes the mission or returns to the motor pool or dispatch point.

(4) The operator and/or mechanic fixes any new faults, if possible. The commander or the commander's representative decides if any remaining faults go on the DA Form 2408-14 or keep the equipment from being dispatched.

(5) If the equipment is ready to dispatch, the dispatcher makes needed entries on the DA Form 2401 and validates the DD Form 1970 with signature and date.

(6) The operator leaves with the equipment and equipment record folder with all needed forms. During-operation checks are noted during the dispatch.

(7) When the mission is completed, the operator performs the after-operation PMCS on the equipment and annotates new faults on the DA Form 2404. The operator and mechanic will fix any faults they can and secure the equipment.

(8) The operator turns in the equipment records folder and all forms to the dispatcher. The dispatcher checks the forms for any open faults or needed actions. If the DD Form 1970 has been completely filled, the dispatcher transfers needed information to a new DD Form 1970. The dispatcher then closes out the DA Form 2401 entry for that item.

(9) Motor transport units performing line haul operations transfer their semitrailers to a larger organization designated by the senior motor transportation command (either group or brigade). The commander of the larger transport organization establishes a semitrailer control office that will be responsible for maintaining dispatch and maintenance records on those semitrailers.

2-3. Equipment record folder

a. The equipment record folder (NSN 7510-01-065-0166) holds

the forms needed to keep up with equipment use, operation, and condition while on dispatch. (See fig 2-1.)

b. The equipment record folder is used each time an item of equipment goes on dispatch as shown below:

(1) The folder will carry only the forms and records needed during a dispatch. For routine dispatch, a vehicle folder will contain the current DA Form 2404; DA Form 2408-14, when there is something deferred or on order for the equipment; DD Form 1970; and the accident forms, SF 91 (Operator Report on Motor Vehicle Accidents), and DD 518 (Accident Identification Card).

(2) A DA Form 2408-4 (Weapon Record Data) will go in the folder only when the weapon is to be fired, serviced, or repaired.

(3) Put all the forms, except the DD Form 314 and the DA Forms 2408-9, in the folder when the equipment goes to support maintenance.

c. An equipment record folder will be assigned to a specific item of equipment. The DA Form 5823 in the front outside pocket ties the folder to the equipment.

d. The equipment record folder and all forms on an item of equipment go with the equipment when it is turned in or transferred.

2-4. DA Form 5823 (Equipment Identification Card)

a. The DA Form 5823 ties a particular equipment record folder to an item of equipment. (See fig 2-1.)

b. A DA Form 5823 goes in the outside front pocket of each equipment record folder. Information on the card is used to identify the equipment covered, keep track of services due, and identify the assigned operator and leader.

c. The dispatcher and operator use the card to keep up with services and make sure the right folder is issued.

d. Keep information on the DA Form 5823 current. Whoever keeps the DD Form 314 will update the information after each scheduled service.

e. The DA Form 5823 will be replaced when it is no longer readable.

f. DA Form 5823 is not required if under ULLS.

2-5. DD Form 1970 (Motor Equipment Utilization Record)

a. Purpose. The DD Form 1970 is a record of motor equipment use. (See figs 2-2, 2-3, and 2-4.)

b. Use.

(1) The DD Form 1970 will be used to control the use of special purpose and material handling equipment, combat, tactical, and nontactical vehicles.

(2) DD Form 1970 will be used to record operating time on equipment that requires services based on hours only. This includes such equipment as generators, air compressors, centrifugal pumps, and so forth. Operating time is the time of operation, using the time of day or hours of usage. Equipment on which an operating time DD Form 1970 is kept only requires an entry on DA Form 2401 when the equipment is used for the purpose for which it was intended; that is, a generator used to provide electrical power or a compressor used to provide compressed air for a mission or a mission support. An entry on DA Form 2401 is not required when equipment is not leaving the motor pool area or area where equipment is maintained or stored.

(3) DD Form 1970 will be used for the following varying periods depending on its use:

(a) For regular dispatches, DD Form 1970 will be used until all the spaces in either the operator or action section have been filled. For equipment with a single operator, for example, the DD Form 1970 normally will be used for four separate dispatches before it is completed.

(b) For an extended dispatch, DD Form 1970 will be used until all the spaces in either the operator or destination sections have been filled. An extended dispatch will be used whenever the equipment being dispatched will not return to the motor pool within the dispatch day; for example, prior to 2400. Examples for use of extended dispatch include guard duty and maneuvers. When an extended dispatch may require more room than one DD Form 1970 allows,

the dispatcher provides blank copies of the DD Form 1970 to use as continuation sheets.

(c) Forms recording only operating time will be used until the destination or operator section is filled in.

(4) DD Form 1970 will be used for control purposes for administrative and engineering and housing motor pools that do not have ADP support. Each dispatch will require a separate DD Form 1970.

(5) Equipment going to support maintenance will be dispatched to and from support maintenance on DD Form 1970 and DA Form 2401. An exception to this is when the unit requesting support maintenance and the support maintenance activity are located so that the equipment will not leave the Motor Pool area or area where equipment is maintained or stored. In this case, only a DA Form 2407 (Maintenance Request) needs to accompany the equipment. At support maintenance, the DA Form 2407 will be used as a dispatch record for maintenance repair operations and final road testing.

(6) The DD Form 1970 will be used to record exercises of low use equipment and equipment in administrative storage.

c. Disposition.

(1) The dispatcher—

(a) Puts the time of return on the DA Form 2401 entry.

(b) Transcribes needed information to a new DD Form 1970. For equipment under the AOAP, the dispatcher takes any oil added from the Remarks Block. This number will be added to the total in the Oil Block at the top of the completed DD Form 1970. The new total will be entered in the Oil Block of the new DD Form 1970. The dispatcher keeps a total of oil added to that item only until the next oil sample is taken. The date and hour of the next oil sample will be found on the DA Form 5823 and the DD Form 314. When an oil sample is taken, the figure in the Oil Block of the DD Form 1970 goes to zero. This information is needed for the DD Form 2026 (Oil Analysis Request) sent in with each oil sample.

(c) When required locally, add fuel added during the dispatches to the total in the Fuel Block. The new total will be placed in the Fuel Block on the new DD Form 1970. Local standing operating procedures (SOP) will decide how long and when fuel totals will be kept.

(d) Look for any unusual entries in the Remarks Block that need further action.

(e) After needed information has been moved to other forms, you may keep the last completed DD Form 1970 until a new form is completed. You may have no more than two DD Forms 1970 on the equipment: one completed copy on file and one open for dispatch.

(f) When equipment is involved in an accident or other situation under investigation, keep the DD Form 1970 on the equipment until released by the investigator at the completion of the investigation.

Prepare a new DD Form 1970 the next time the vehicle is dispatched.

(2) A completed DD Form 1970 is as follows:

(a) A DD Form 1970 used to dispatch equipment is considered completed whenever the operator blocks, time in and out blocks, or destination blocks are filled. The commander may line out unused portion to close out a form whenever needed.

(b) A DD Form 1970 used to show running time on equipment is considered completed when the destination or operator blocks are filled.

2-6. DA Form 2401 (Organizational Control Record for Equipment)

a. Purpose. The DA Form 2401 is a record of operators and location of equipment on dispatch or in use. (See Fig 2-5.).

b. Use.

(1) Dispatchers note the dispatch or use of equipment.

(2) DA Form 2401 tells commanders who asks for and uses the equipment. It also lets the commander know where the equipment is and when it should return.

c. General information on the DA Form 2401.

(1) DA Form 2401 may be overprinted when the same equipment is dispatched every day.

(2) Use a separate DA Form 2401 to show the dispatch of "radio taxis". When this DA Form 2401 is used for radio cab dispatch, columns a through m will be filled in as required locally.

(3) The same page may be used for more than one day. Draw a line through the middle of columns "a" through "e" below the last dispatch entry for a day. Write the next date in column "f" (Destination), then draw a line through the middle of column "g" through "l". Do not make a line or date entry for days no equipment is dispatched.

(4) Make separate line entries for equipment that is towed to a location but will not return with the dispatched equipment.

(5) Do not dispatch equipment for motor stables or routine maintenance unless it leaves the equipment or motor pool area.

(6) Equipment sent to support maintenance on a DA Form 2407 will be dispatched on a DD Form 1970 and DA Form 2401 except as noted in paragraph 2-5b(5).

d. Disposition.

(1) Destroy DA Form 2401 one month after the last entry in column 1 has been closed out.

(2) If an accident or unusual situation occurs, keep the DA Form 2401 until it is released by the investigator.

U.S. ARMY

EQUIPMENT RECORD FOLDER



1 BUMPER NO. <i>H-16</i>	2 MODEL <i>M151A2</i>
3 NOUN <i>TRK 1/4 TON</i>	4 NSN <i>3320-00-177-9258</i>
5 SERIAL NO. <i>A241827</i>	6 AOAP SAMPLE
7 NEXT SERVICE AT <i>29,781 MILES / 14 DEC</i>	8 NEXT LUBE AT <i>27,012 MILES / 27 SEP</i>
9 OPERATOR <i>LOWMAN PFC</i>	10 SUPERVISOR <i>BISHOP CW2</i>

DA FORM 5823, SEP 89 EQUIPMENT IDENTIFICATION CARD
For use of this form, see DA PAM 738-750, the proponent agency is DCSA/OG

THIS RECORD IS A DEPARTMENT OF ARMY CONTROLLED ITEM AND MUST
BE SAFEGUARDED AGAINST LOSS AND DAMAGE IN THE EVENT OF LOSS SEE
DA PAM 738-750

PROPERTY OF THE U.S. GOVERNMENT

Figure 2-1. Sample of a completed Equipment Record Folder with Equipment Identification Card

Legend for Figure 2-1:
Completion instructions for DA Form 5823

The following information will go on each DA Form 5823:

Bumper No. Enter the equipment bumper number. If the equipment does not have an assigned bumper number, enter the equipment's administration number.

Model. Enter the model number.

Noun. Enter the noun or noun abbreviation. **National Stock Number (NSN).** List the end item NSN.

Serial No. List the serial number for the equipment. For equipment managed by registration number, put the item's registration number on the card.

AOAP Sample. Enter the date and hours the next AOAP sample is due. Get this information from the equipment's DD Form 314 or AOAP lab printout. When making this entry, only use pencil. The entry is only needed for equipment under AOAP.

Next Service At. Enter the date and/or miles, kilometers, or hours

when the next scheduled service is due on the equipment. Get this information from the DD Form 314. Pencil entry.

Next Lube At. Put the date and/or miles, kilometers, or hours when the next scheduled lubrication service is due on the equipment. Pencil entry. Get this information from the DD Form 314.

Operator. The operator's last name and rank go here. Pencil entry. Leave blank if more than one operator is assigned to the equipment.

Supervisor. Put the last name and rank of the operator's leader or supervisor here.

Pencil entry.

Notes:

1. The operator's and supervisor's or leader's names are used for two purposes. If the folder is lost or misplaced, the finder will have names to track down. Most important, those names show who is responsible for the equipment, the forms in the folder, and the information on the equipment's condition.

2. The back of the card may be used for locally required information. For example, if your command asks for a monthly mileage report, put your start and end dates and miles on the card in pencil. You will get the miles travelled from the DD Form 1970.

MOTOR EQUIPMENT UTILIZATION RECORD							
DATE (YYMMDD)	TYPE OF EQUIPMENT	REGISTRATION NO./SERIAL NO.			ADMINISTRATION NO.		
920623	TRKCGOM35A2	NKO2DB			B-15 w/TLR B-T-15		
ORGANIZATION NAME Co B 164 ECB		ACTION	TIME	MILES	HOURS	FUEL 18 GAL	OIL 3 qts
1ST OPERATOR (Last Name, First, M.I.) FRANK, Joseph B. SPC		IN	1705	7348	432	REPORT TO (Last Name, First, M.I.) JONES, James R. SFC	
OPERATOR'S SIGNATURE <i>Joseph B. Frank</i>		OUT	0745	7262	428	DISPATCHER'S SIGNATURE <i>Arthur J. Biker</i>	
2D OPERATOR (Last Name, First, M.I.) Short, Chris P. PFC		TOTAL	9:20	86	4	REPORT TO (Last Name, First, M.I.) EMERICK, Glen C. SFC	
OPERATOR'S SIGNATURE <i>Chris P. Short</i>		IN	1420	7415	435	DISPATCHER'S SIGNATURE <i>Arthur J. Biker</i>	
3D OPERATOR (Last Name, First, M.I.) SGT HAWKINS, RAYMOND T.		OUT	0800	7348	432	REPORT TO (Last Name, First, M.I.) MEAD, Gerry I. SFC	
OPERATOR'S SIGNATURE <i>Raymond T. Hawkins</i>		TOTAL	6:20	67	3	DISPATCHER'S SIGNATURE <i>Arthur J. Biker</i>	
4TH OPERATOR (Last Name, First, M.I.)		IN	1640	7450	437	REPORT TO (Last Name, First, M.I.)	
OPERATOR'S SIGNATURE		OUT	1200	7415	435	DISPATCHER'S SIGNATURE	
TOTAL		IN	4:40	35	2	DISPATCHER'S SIGNATURE <i>Arthur J. Biker</i>	
TOTAL		OUT				DISPATCHER'S SIGNATURE	
TOTAL		TOTAL				DISPATCHER'S SIGNATURE	
DESTINATION		TIME		RELEASED BY		REMARKS	
		ARRIVE	DEPART	(Signature)			
FROM							
1. Motor Pool			0745				
TO							
2. Trng Area #21		0830	1600	<i>James R. Jones</i>		Fuel: 14gal	
TO							
3. Motor Pool		1645					
TO							
4. _____				920624			
TO							
5. Motor Pool			0800				
TO							
6. Trng Area #35		0915	1215	<i>Glen C. Emerick</i>			
TO							
7. Motor Pool		1400				Fuel: 13gal Oil: 1qt	
TO							
8. _____				920625			
TO							
9. Motor Pool			1200				
TO							
10. QUANAH RANGE		1300	1500	<i>Gerry I. Mead</i>			
TO							
11. Motor Pool		1620				Fuel: 6gal	
TO							
12. _____							
TO							
13. _____							
TO							
14. _____							
TO							
15. _____							
TO							
16. _____							

DD FORM 1970
APR 61

EDITION OF FEB 75 MAY BE USED.

Figure 2-2. Sample of a completed DD Form 1970 (Dispatch)

Legend for Figure 2-2:
Completion instructions for DD Form 1970 for Dispatch

Date. The dispatcher puts the date the form is started. The date will

be reflected as two places for the year, two for the month, and two for the day (e.g., 930210).

Type of Equipment. The dispatcher enters the equipment's noun and model.

Registration No./Serial No. The dispatcher puts in the serial number of the equipment. For equipment you manage by registration number, enter the register number.

Administration No. The dispatcher enters the equipment bumper number. If the equipment does not have an assigned bumper number, enter the administration number. If the equipment will be dispatched with a trailer or other item, include that item's bumper or administration number.

Fuel. If required locally, the dispatcher will keep a running total of fuel added to the equipment. This entry shows how much fuel has been added to date when the form was started. Local SOP will state how long fuel totals will be carried.

Oil. For equipment under the AOAP, the dispatcher will keep a running total of oil added to the equipment. This entry shows how much oil has been added for the current period when the form was started. Oil added totals are only kept between oil samples. When a new sample is taken, the total goes back to zero and you start over. For equipment not under AOAP, use this block as required locally.

Note: More than one component on an end item can be under the AOAP; for example, the engine and transmission. When that occurs, divide the OIL block into sections, one for each component covered, and enter the oil added for each separately. Print the first letter of the component at the top left corner of the section to indicate which section applies to which component.

Organization Name. The dispatcher enters the organization to which the equipment is assigned.

Operator.

a. The dispatcher prints the name or names of the operator or operators of the equipment in blocks provided. Put the last name first, followed by the first name, middle initial, and then rank/grade.

b. You may have to change operators after equipment has been dispatched. This normally happens when an operator becomes sick, overly tired, and so forth. The operator's supervisor or leader, OIC or NCOIC, will close out the first operator's entry. He will log the IN time and miles/hours in the ACTION section for that operator. The new operator's name goes in the next OPERATOR block. The supervisor or leader will sign in the next open DISPATCHER'S SIGNATURE block. If the OPERATOR blocks are all filled, put the names, time, and miles/hours in the REMARKS block.

Operator's Signature. The operator or operators sign in this block.

Action. This section shows the time and miles or hours on the equipment when it is dispatched and returned.

Time. Show time on the 24-hour clock to the nearest 5 minutes.

In. Show the time the equipment came back from dispatch or other use.

Out. Enter the time the equipment was released by the dispatcher.

Total. Subtract the OUT time from the IN time to get the total time the operator had the equipment in use. Separate hours and minutes by putting a colon (:) between them. Five hours and 20 minutes will be printed 5:20.

Miles. Figure miles to the nearest mile or kilometer.

In. The operator enters the miles or kilometers from the odometer when the equipment comes off the dispatch. If the odometer is broken, estimate the miles or kilometers. Put EST in front of the number.

Out. The dispatcher will enter the miles or kilometers on the odometer when the equipment is dispatched. If the odometer is broken, put EST in front of the estimated miles or kilometers.

Total. Subtract the OUT miles or kilometers from the IN miles. This total shows the number of miles or kilometers the equipment traveled during the dispatch. If the odometer is broken, put EST in front of the figure.

Hours. Figure hours to the nearest whole hour.

In. The operator enters the hours from the hourmeter when the equipment comes off dispatch or other use. If the hourmeter is broken or missing, estimate the hours of use. Put EST in front of the number.

Out. The dispatcher enters the hours on the hourmeter when the equipment is dispatched. If the hourmeter is broken, write EST in front of the number.

Total. Subtract the OUT hours from the IN hours. This total shows the number of hours used during the dispatch or operation. If the hourmeter is broken, put EST in front of the number.

Report To. The dispatcher prints the name of the person to whom the operator is to report. Give the last name, first name, middle initial, and rank/grade of the person. This person will be responsible for the equipment when in use.

Dispatcher's Signature. The dispatcher signs when the equipment is dispatched.

Destination.

a. You will enter the beginning point of the dispatch, the ending point, any off-post travel stops, or the major operating point.

b. For forms showing dispatches to support maintenance, note miles used by operational or road tests from a DA Form 2407. Print "Road Test" or "Operational Test" in the DESTINATION Block.

Time. Use the 24-hour clock rounded off to the nearest 5 minutes.

Arrive.

a. Log in the time when you arrive at the place.

b. For forms showing dispatches to support maintenance, account for miles/hours used for operation or road tests. Enter the miles/hours on the item upon delivery to support.

Depart.

a. Log in the time when you left this place.

b. For forms showing dispatches to support maintenance, account for miles/hours used for operation or road tests. Enter the miles/hours on the item upon receipt from support.

Released By.

a. The person in charge of the equipment on dispatch or senior person present signs on the line showing the place where the mission was completed, releasing the equipment to the motor pool or place of origin. The person signing in the RELEASED BY block may be different from the person shown in the REPORT TO block when the person designated in the REPORT TO block is not available. The person in charge and responsible for the safety and operation of the equipment and operator will sign in that case.

b. Normally the person signing here will be an officer or NCOIC.

c. Passengers of equipment used as taxis do not sign in this column. In that situation, the dispatcher signs this column when the equipment returns.

d. Signature in this block shows that when an official user has completed the mission with the vehicle and driver, the senior occupant assumes vehicle responsibility.

e. Note the change of days. Draw a line through the next open line under the last entry of a day. Put the new date (YYMMDD) in the RELEASED BY (SIGNATURE) block.

Remarks.

a. The operator or user reports any unusual or abnormal situations. This includes accidents, breakdowns, unplanned stops or changes in location, and so forth. Any unusual operations and faults on the equipment go on the DA Form 2404.

b. The operator will list any oil added to equipment or components under AOAP.

c. Fuel added will be logged if required locally.

d. Enter the word "Exercised" when low usage equipment is exercised.

MOTOR EQUIPMENT UTILIZATION RECORD							
DATE (YYMMDD)		TYPE OF EQUIPMENT		REGISTRATION NO./SERIAL NO.		ADMINISTRATION NO.	
920623		TRKWWRK M984WU		NP04AA		B-19	
ORGANIZATION NAME Co B 164 ECB		ACTION	TIME	MILES	HOURS	FUEL	Oil Engine Hydr
1ST OPERATOR (Last Name, First, M.I.) Conder, Louis A. PFC		IN	1700	14340	393	205gal	2gal 0
OPERATOR'S SIGNATURE Louis A. Conder		OUT	0900	14270	389	REPORT TO (Last Name, First, M.I.) Alcarz, Charles B SFC	DISPATCHER'S SIGNATURE Arthur J. Sudek
2D OPERATOR (Last Name, First, M.I.) SIMONSON, Chad E. SFC		TOTAL	8:00	70	4	REPORT TO (Last Name, First, M.I.) Alcarz, Charles B SFC	DISPATCHER'S SIGNATURE Mark J. Flemmer
OPERATOR'S SIGNATURE Chad E. Simonson		IN	1000	14620	405	REPORT TO (Last Name, First, M.I.) Alcarz, Charles B SFC	DISPATCHER'S SIGNATURE Mark J. Flemmer
3D OPERATOR (Last Name, First, M.I.)		OUT	1000	14340	393	REPORT TO (Last Name, First, M.I.)	DISPATCHER'S SIGNATURE
OPERATOR'S SIGNATURE		TOTAL	48:00	280	12	DISPATCHER'S SIGNATURE	
4TH OPERATOR (Last Name, First, M.I.)		IN				DISPATCHER'S SIGNATURE	
OPERATOR'S SIGNATURE		OUT				DISPATCHER'S SIGNATURE	
		TOTAL				DISPATCHER'S SIGNATURE	
DESTINATION	TIME		RELEASED BY (Signature)		REMARKS		
	ARRIVE	DEPART					
FROM							
1. Motor Pool		0910					
TO							
2. Bldg 3600	0920	0930					
TO							
3. Clarksville, TN	1300	1310	Charles B. Alcarz				
TO							
4. Motor Pool	1700				Fuel: 20gal		
TO					920626		
5. _____			920624		Extended Dispatch		
TO							
6. Motor Pool		1000					
TO							
7. FTX	1200				Fuel: 18gal		
TO							
8. _____			920625				
TO							
9. FTX					Did Not Operate		
TO							
10. _____			920626				
TO							
11. FTX		0600	Charles B. Alcarz				
TO							
12. Motor Pool	0930				Fuel: 20gal, Oil: 2gal		
TO					Engine Hydr		
13. _____							
TO							
14. _____							
TO							
15. _____							
TO							
16. _____							

DD FORM 1970
APR 81

EDITION OF FEB 75 MAY BE USED.

Figure 2-3. Sample of a completed DD Form 1970 (Extended Dispatch)

Legend for Figure 2-3:
Completion instructions for DD Form 1970(Extended Dispatch)Date.
The dispatcher puts the date the form is started. The date will be

reflected as two places for the year, two for the month, and two for the day (e.g.,921222).

Type of Equipment. The dispatcher enters the equipment's noun and model.

Registration No./Serial No. The dispatcher puts in the serial number of the equipment. For equipment you manage by registration number, enter the registration number.

Administration No. The dispatcher enters the equipment bumper number. If the equipment does not have an assigned bumper number, enter the equipment's administration number. If the equipment will be dispatched with a trailer or other item, include the item's bumper or administration number.

Fuel. If required locally, the dispatcher will keep a running total of fuel added to the equipment. This entry shows how much fuel has been added to date when the form was started. Local SOP will state how long fuel totals will be carried.

Oil. For equipment under the AOAP, the dispatcher will keep a running total of oil added to the equipment. This entry shows how much oil has been added for the current period when the form was started. Oil added totals are only kept between oil samples. When a new sample is taken, the total goes back to zero and you start over. For equipment not under AOAP, use this block as required locally.

Note: More than one component on an end item can be under AOAP; for example, the engine and transmission. When that occurs, divide the OIL block into sections, one for each component covered, and enter the oil added for each separately. Print the first letter of the component at the top left corner of the section to indicate which section applies to which component.

Organization Name. The dispatcher enters the organization to which the equipment is assigned.

Operator.

a. The dispatcher prints the name or names of the operator or operators of the equipment. Put the last name first followed by the first name, middle initial, and then rank/grade.

b. You may have to change operators after equipment has been dispatched. This normally happens when an operator becomes sick or overly tired. The operator's supervisor or leader, OIC or NCOIC, will close out the first operator's entry. He or she will log the IN time and miles/hours in the ACTION section for that operator. The new operator's name goes in the next OPERATOR block. The supervisor or leader will sign in the next open DISPATCHER'S SIGNATURE block. If the OPERATOR blocks are all filled, put the names, time, and mile/hours in the REMARKS block.

c. For convoy or other long operations where an operator and assistant operator switch at each rest stop, show a change in operators only when destinations or date entries are made. The assistant operator's name will be shown in REMARKS block.

Operator's Signature. The operator or operators sign in this block.

Action. This section shows the time and miles or hours on the equipment when it is dispatched and returned.

Time. Show time on the 24-hour clock to the nearest 5 minutes.

In. Show the time the equipment came back from dispatch or other use.

Out. Enter the time when the equipment was released by the dispatcher.

Total. Subtract the OUT time from the IN time to get the total time the operator had the equipment in use. Separate hours and minutes by putting a colon (:) between them. Five hours and 20 minutes will be printed 5:20.

Miles. Figure miles to the nearest mile or kilometer.

In. The operator enters the miles or kilometers from the odometer when the equipment comes off the dispatch. If the odometer is broken, estimate the miles or kilometers. Put EST in front of the number.

Out. The dispatcher will enter the miles or kilometers on the odometer when the equipment is dispatched. If the odometer is broken, put EST in front of the estimated miles or kilometers.

Total. Subtract the OUT miles or kilometers from the IN miles. This total shows the number of miles or kilometers the equipment traveled

during the dispatch. If the odometer is broken, put EST in front of the figure.

Hours. Figure hours to the nearest whole hour.

In. The operator enters the hours from the hourmeter when the equipment comes off dispatch or other use. If the hourmeter is broken or missing, estimate the hours of use. Put EST in front of the number.

Out. The dispatcher enters the hours from the hourmeter when the equipment is dispatched. If the hourmeter is broken, write EST in front of the number.

Total. Subtract the OUT hours from the IN hours. This total shows the number of hours used during the dispatch or operation. If the hourmeter is broken, put EST in front of the number.

Report To. The dispatcher prints the name of the person to whom the operator is to report. Give the last name, first name, middle initial, and rank/grade of the person. This person will be responsible for the equipment when in use.

Dispatcher's Signature. The dispatcher signs when the equipment is dispatched.

Destination. You must enter the beginning point of the dispatch, the ending point, any off-post travel stops, or the major operating point.

Time. Use the 24-hour clock rounded off to the nearest 5 minutes.

Arrive. Log in the time when you arrive at the place.

Depart. Log in the time when you left this place.

Released by.

a. The person in charge of the equipment on dispatch or senior person present signs on the line showing the place where the mission was completed, releasing the equipment to the motor pool or place of origin. Enter first name, middle initial, last name. The person signing in the RELEASED BY block may be different from the person shown in the REPORT TO block when the person designated in the REPORT TO block is not available. The person in charge and responsible for the safety and operation of the equipment and operator will sign in that case.

b. Normally the person signing here will be an officer or NCOIC.

c. Signature in this block shows that when an official user has completed the mission with the vehicle and driver, the senior occupant assumes vehicle responsibility.

Remarks.

a. The operator or user reports any unusual or abnormal situations. This includes accidents, breakdowns, unplanned stops, or changes in location, etc. Any unusual operations and faults on the equipment go on the DA Form 2404.

b. The Operator will list any oil added to equipment or components under AOAP.

c. Fuel added will be logged if required locally.

d. Note the change of days. Draw a line through the next open line under the last entry of a day. Put the new date (YYMMDD) in the RELEASED BY (SIGNATURE) block. When the equipment is not operated for more than 1 day in a row, you may use one line to cover the combined time. Print "Did Not Operate" in the REMARKS block.

e. Additional "Report to" entries may be needed. Print the name of the next "Report to" in the REMARKS Block for that entry. Also, for extended dispatch, the dispatcher enters "EXTENDED DISPATCH" and the expected date of return on the first line of the REMARKS block.

f. Note if an extended dispatch will be so long that a form may be completed, another DD Form 1970 may be used as a continuation sheet. Enter the equipment's registration or serial number and admin number at the top of the form. Print "Continuation" in the upper left hand corner of the form. Then make normal entries as required.

MOTOR EQUIPMENT UTILIZATION RECORD							
DATE (YYMMDD)	TYPE OF EQUIPMENT	REGISTRATION NO./SERIAL NO.			ADMINISTRATION NO.		
920623	GenST MEP-015A	1742347			B-7		
ORGANIZATION NAME Co B 164 ECB		ACTION	TIME	MILES	HOURS	FUEL	OIL
1ST OPERATOR (Last Name, First, M.I.) Nelson, DAN L. SPC		IN				2gal	1qt
OPERATOR'S SIGNATURE <i>Dan L. Nelson</i>		OUT				REPORT TO (Last Name, First, M.I.) BANKIN, GARY W. SGT	
2D OPERATOR (Last Name, First, M.I.) Nelson, DAN L. SPC		TOTAL				DISPATCHER'S SIGNATURE <i>Arthur J. Becker</i>	
OPERATOR'S SIGNATURE <i>Dan L. Nelson</i>		IN				REPORT TO (Last Name, First, M.I.) ZIMMER, TIM T. CW4	
3D OPERATOR (Last Name, First, M.I.)		OUT				DISPATCHER'S SIGNATURE <i>Arthur J. Becker</i>	
OPERATOR'S SIGNATURE		TOTAL				DISPATCHER'S SIGNATURE	
4TH OPERATOR (Last Name, First, M.I.)		IN				REPORT TO (Last Name, First, M.I.)	
OPERATOR'S SIGNATURE		OUT				DISPATCHER'S SIGNATURE	
		TOTAL					
DESTINATION		TIME		RELEASED BY		REMARKS	
		ARRIVE	DEPART	(Signature)			
FROM						198 hrs	
1.						920626	
TO						Extended Dispatch	
2.						2 hrs	
3. 920623		0900	1100				
TO							
4. 920624		0700	1100			4 hrs Fuel: 3gal	
TO							
5. 920625		0700	1100			4 hrs	
TO							
6. 920626		0700	1100	<i>Gary W. Bankin</i>		4 hrs Fuel: 4gal	
TO							
7. 920627		0700	1300	<i>Tim T. Zimmer</i>		6 hrs Fuel: 3gal	
TO							
8.							
TO							
9.							
TO							
10.							
TO							
11.							
TO							
12.							
TO							
13.							
TO							
14.							
TO							
15.							
TO							
16.							

DD FORM 1970 APR 81

EDITION OF FEB 76 MAY BE USED.

Figure 2-4. Sample of a completed DD Form 1970 (Operating Time)

Legend for Figure 2-4:
Completion instructions for DD Form 1970 to Record Operating Time
Date. The dispatcher puts the date the form is started. The date will

be reflected as two places for the year, two for the month, and two for the day.

Type of Equipment. The dispatcher enters the equipment's noun and model.

Registration No./Serial No. The dispatcher puts in the serial number of the equipment. For equipment you manage by registration number, enter the registration number.

Administration No. The dispatcher enters the equipment's bumper number. If the equipment does not have an assigned bumper number, enter the equipment's administration number. If the equipment will be dispatched with a trailer, or other item, include that item's bumper or administration number.

Fuel. If required locally, the dispatcher will keep a running total of fuel added to the equipment. This entry shows how much fuel has been added to date when the form was started. Local SOP will state how long fuel totals will be carried.

Oil. For equipment under the ACAP, the dispatcher will keep a running total of oil added to the equipment. This entry shows how much oil has been added for the current period when the form was started. Oil added totals are only kept between oil samples. When a new sample is taken, the total goes back to zero and you start over. For equipment not under AOAP, use this block as required locally.

Organization Name. The dispatcher enters the organization to which the equipment is assigned.

Operator.

a. The dispatcher prints the name or names of the operator or operators of the equipment. Put the last name first, followed by the first name, middle initial, and then rank/grade.

b. You may have to change operators after equipment has been dispatched. This normally happens when an operator becomes sick, overly tired, etc. The operator's supervisor/leader, OIC, or INCOIC, will close out the first operator's entry. He or she will log IN time and miles/hours in the ACTION section for that operator. The new operator's name goes in the next OPERATOR block. The supervisor/ leader will sign in the next open DISPATCHER'S SIGNATURE block. If the OPERATOR blocks are all filled, put the names in the REMARKS block.

Operator's Signature. The operator or operators sign in this block.

Action. Leave blank.

Time. Leave blank.

In. Leave blank.

Out. Leave blank.

Total. Leave blank.

Miles. Leave blank.

In. Leave blank.

Out. Leave blank.

Total. Leave blank.

Hours. Leave blank.

In. Leave blank.

Out. Leave blank.

Total. Leave blank.

Report To. The dispatcher prints the name of the person to whom the operator is to report. Give the last name, first name, middle initial, and rank/grade of the person. This person will be responsible for the equipment when in use.

Dispatcher's Signature. The dispatcher signs when the equipment is dispatched.

Destination. Enter the date (YYMMDD).

Time. These blocks will be used to show starting and stopping times for each operation.

Arrive. For equipment without an hourmeter, enter the 24-hour clock time (e.g., 1300) when you started the equipment's operation. For equipment with an hourmeter, enter the hours on the equipment when you started this operation.

Depart. For equipment without an hourmeter, enter the 24-hour clock time (e.g., 1300) when you stopped the equipment's operation. For equipment with an hourmeter, enter the hours on the equipment when you stopped this operation.

Released By.

a. The person in charge of the equipment signs in this column.

b. The person signing here will be an off icer or NCOIC.

c. Signature in this block shows that when an official user has completed the mission with the vehicle and driver, the senior occupant assumes vehicle responsibility.

Remarks.

a. When starting a new form for equipment without an hourmeter, enter the accumulative hours on the equipment in LINE 1, REMARKS block.

b. Equipment without an hourmeter, subtract the start time in the ARRIVE block from the stop time in the DEPART block. Enter the number of hours in the REMARKS block.

c. The operator or user reports any unusual or abnormal situations. This includes accidents, breakdowns, unplanned stops, or changes in location, and so forth. Any unusual operations and faults on the equipment go on the DA Form 2404.

d. The operator will list any oil added to equipment or components under AOAP.

e. Fuel added will be logged if required locally.

f. When the form has been completed, add the REMARKS block hours and the accumulative hours, and post on a new DD Form 1970 in the REMARKS block.

Title of Staff for Logistics.				DATE	PAGE NO.	NO. OF PAGES
				23 JUN 92		
				DISPATCHER <i>Arthur J. Bicker</i>		
TYPE OF EQUIPMENT	REGISTRATION NUMBER	OPERATOR'S NAME AND GRADE	TIME		REMARKS	
			OUT	IN		
M352	NK02DB	Frank, Joseph R. SPC	0745	1705	W/TLR B-T-15	
M798	NG01R2	Neis, Fred M. PFC	0750	1130		
HEP 015A	1742347	Nelson, Dan L. SPC	0800	1700	Extended Dispatch 26 Jun 92	
M984 W/W	NP04AA	Condor, Lewis A. PFC	0900	1700		
M103	NG00B1	Herda, Al J. PFC	0915	1600	Asst Op. Dahlen, Dan P. PFC	
M352	NK02DB	Short, Chris P. PFC	0800	1420	W/TLR B-T-15	
M998	NG01A3	Maench, Dale D. SPC	0845	1200		
M998	NG01A4	Quick, Don R. PFC	0900	1610	<i>Mark J. Freeman</i>	
M984 W/W	NP04AA	SIMONSON, Chad E. SPC	1000	1000	Extended Dispatch 26 Jun 92	
M352	NK02CZ	Herda, Al J. PFC	0745	1600	Extended Dispatch 26 Jun 92	
M10A1	PC03BC	" " "	0745		Trailer Transferred	
M352	NK02DB	Hawkins, Ray T. SGT	1200	1640	W/TLR B-T-15	
HEP 015A	1742347	Nelson, Dan L. SPC	0600	1300		

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Figure 2-5. Sample of a completed DA Form 2401-Continued

Legend for Figure 2-5:

Completion instructions by block title or column

Date. Enter the calendar date the form was started.

Page No. Fill in as required locally.

No. of Pages. Fill in as required locally.

Dispatcher. The dispatcher signs name.

(a) Official User. Print the name of the person or activity asking for the equipment. Enter last name, first name, MI, and rank/grade.

(b) Reporting Point.

a. For a vehicle, write the place or unit where the operator is to report with the equipment.

b. For other than vehicles, write the location or place where the equipment is to be operated.

(c) Phone Ext Number. The telephone number of the person asking for the equipment.

(d) Time to Report. The time the operator is to report to the location in Column b.

(e) Expect Time of Return. Enter Close of Business (COB) or the actual time the user expects to return with the equipment. For extended dispatches, enter the date and time (if known) that the user expects to return the equipment.

(f) Destination.

a. For vehicles, put the place, farthest away, that the vehicle is expected to travel.

b. For other equipment, put the location where the equipment will be operating that is farthest from its normal site. If column f is the same as column b, leave this column blank.

(g) Unit Identification Number. The equipment bumper or admin number.

(h) Type of Equipment. Enter the equipment's model identification number (for example, enter M35A2).

(i) Registration Number. Enter the equipment serial number. For equipment you manage by registration number, put the registration number in this column.

(j) Operator's Name and Grade. Enter the last name, first name, MI, and rank/grade of the equipment operator.

(k) Time Out. Log in the time the equipment was dispatched.

(l) Time In.

a. Log in the time the equipment returned. Get this time from the "IN" Block on the DD Form 1970.

b. For equipment coming off an extended dispatch, put the day, month, and time of return in this column.

(m) Remarks.

a. When an assistant or second operator is needed, enter that person's last name, first name, MI, and rank/grade.

b. When a change of dispatcher takes place during the day, the new dispatcher signs in column m for that item dispatched. When a change of dispatcher takes place at the beginning of the day, the new dispatcher signs in column m on the date line.

c. Note any towed equipment, that will come back with the prime mover, in this column. Write the noun for the towed equipment here. (Make separate entries for towed equipment that will not come back with the prime mover.) Treat towed equipment that will not come back with the prime mover as if it were not towed. Complete all columns except the expected time of return.

d. For equipment on extended dispatch, enter the words "EXTENDED DISPATCH" and the expected date of return.

e. Identify equipment involved in accidents or unusual circumstances.

f. When more room is needed, use NEXT open line. Line out all unneeded columns, (a-1).

Chapter 3 Maintenance Forms

3-1. General

a. The forms in this chapter help in scheduling, doing, recording, and managing maintenance on equipment.

b. The forms show the results of inspections, tests, and maintenance performed. They also show the results in diagnostic checks and form the bond between maintenance and supply actions.

c. This chapter provides procedures and examples of maintenance forms used by manual units as well as those units supported by the Standard Army Maintenance Systems (SAMS). Unique SAMS forms are addressed in chapter 13.

d. In addition to the forms within this chapter, maintenance forms for non-standard air traffic control (ATC) and navigational aid (NAVAID) equipment, when specified in the equipment's technical publications, will also be maintained. Maintain each designated form using guidance found within appropriate technical publication. Examples of non-standard equipment are, but not limited to—

(1) Instrument Landing System (ILS) and all associated marker beacons.

(2) Distance Measuring Equipment (DME) System.

(3) Airport Surveillance Radar (ASR) System.

(4) Automated Radar Terminal System (ARTS).

(5) Air Traffic Control Beacon Interrogator (ATCBI) System.

(6) Flight Data Input/Output (FDIO) System.

(7) Digital Brite Radar Indicator Tower Equipment (D-BRITE) System.

(8) Radar Video Mapper.

(9) Programmable Indicator Data Processor (PIDP).

e. The flow of maintenance forms is shown on DA Poster 750-77 (TAMMS/Supply Crossroads). DA Poster 750-77 is automatically distributed to units who mark the DA poster block on DA Form 12-4-E (Subscription Numbers, Part 1 for Miscellaneous Administrative Publications and Posters).

3-2. DA Form 2402 (Exchange Tag)

a. *Purpose.* DA Form 2402 serves as an identification tag. (See fig 3-1.)

b. *Use.*

(1) To identify items held for warranty claims.

(2) To identify other items as needed.

(3) As a receipt for test, measurement, and diagnostic equipment (TMDE) items needing calibration.

c. *General instructions.*

(1) The DA Form 2402 has four copies and is handled as follows:

(a) Copy one is normally used as a receipt for the unit.

(b) Copy two is a receipt for the battalion level except for warranty claim items. When DA Form 2402 is used to identify or show action completed on a warranty item or claim exhibit, send copy two to the Supporting Warranty Control Office (WARCO). The WARCO will use DA Form 2402 to close out or complete any needed warranty actions or claims.

(c) Copy three serves as a receipt for support units.

(d) Copy four stays with the item until it is repaired and issued. After repair is done, the tag identifies the item as fixed. This form will go with each item sent to supporting maintenance shops (direct support (DS), general support (GS), depot, or contractor for warranty repairs).

(e) Depending on the item, repair needed, and level of work, not all copies may be needed.

(2) Use a separate DA Form 2402 for each item.

d. *Disposition.*

(1) Destroy the DA Form 2402 when the part or component it applies to is installed or disposed of.

(2) After the action is completed, destroy copies used as a receipt.

(3) When the DA Form 2402 identifies a warranty claim or SF Form 368 (Product Quality Deficiency Report) exhibit, the DA Form 2402 stays on the exhibit until the item is no longer needed.

3-3. DD Form 314 (Preventive Maintenance Schedule and Record)

a. The DD Form 314 is a record of scheduled and performed unit maintenance including lubrication services. It also keeps up with not mission capable (NMCM/NMCS) time, except for missile system/missile subsystem and FAA flight check data of ATC navigational aids. See figures 3-2 through 3-6.

b. DD Form 314 is used to—

(1) Schedule periodic services on equipment, to include components in a system or subsystem, when the technical manual requires a PMCS service to be performed by unit maintenance personnel. This form is also used to schedule the following services performed under the supervision of unit maintenance personnel:

(a) Schedule all non-operator services one service in advance.

(b) The next scheduled due date may fall in the following year. In that case, put the date, miles, and hours due in the Remarks block until a new DD Form 314 is started.

(c) You may mark out weekends and holidays. When these are marked out, schedule services on the next working day.

(d) Use the following symbols to show the type of service scheduled:

1. "T" any test.

2. "I" any inspection.

3. "L" lubrication.

4. "R" recoil exercise.

5. "W" weekly service.

6. "M" monthly (1 month) service.

7. "Q" quarterly (3 months) service.
8. "S" semiannual (6 months) service.
9. "A" annual (1 year) (12 months) service.
10. "E" 18 months service.
11. "B" biennial (2 years) service.
12. "F" quadrennial (4 years) service.
13. "H" tire rotation/inspection.
14. "Z" oil sampling.

(e) The symbol "L" will be used for all periodic lubes required by a lubrication order (LO). The interval block on an LO only tells when to schedule the lubes. It does not tell what services to schedule or symbol to use.

(f) You will get the miles, kilometers, or hours between services from the TM and/or LO.

(g) Other symbols or subsymbols may be used as long as they do not conflict with the symbols required by this pamphlet. Explain those symbols or subsymbols in the Remarks block of the DD Form 314 or in your SOP. For example, you might use S1, SB2, or Lm, L5, L6, L12, or others to show difficult services or manage the services pulled. You may also use subsymbols to explain a service and lube pulled at the same time.

(h) Schedule services in pencil. To schedule a service, put its symbol in pencil in the date due block with its miles, kilometers, or hours beside it as shown below. (Not all services will have miles or hour intervals.)

1. You may not always be able to pull a service when it is scheduled. So you are given a 10 percent variance before or after the schedule of days, miles, or hours. If you stay within the variance, the service is treated as if you did it on the day/miles/hours you scheduled it.

2. Some services may be too critical to have a variance. The equipment maintenance manual will tell you if no variance is allowed.

3. When you do the service within the variance, ink in the symbol with the equipment's miles, kilometers, or hours on the date it was scheduled. When a service outside the variance is completed, erase the scheduled symbol and data, and ink in the symbol with data on the actual day the service was completed. Schedule the next service from the new date.

(i) Lubrications vary the most when the LO requires a lube—

1. By hours, miles, or kilometers only. Put the miles, kilometers, or hours when the next lube is due in the Remarks block. Ink in the symbol "L" and the hours, miles, or kilometers on the equipment in the block for the day you did the lube.

2. On a date interval. Put the symbol "L" on the date block the lube is due. Enter the miles, kilometers, or hours (when they apply) next to the symbol. When the lube is done, ink in the "L" and the miles or hours.

(2) Show completed periodic services and lubes, by inking in the symbol or symbols and miles or hours. DD Forms 314 are tied to unit level services and their intervals. The number of DD Forms 314 you need varies, based on the equipment and how and where your maintenance is pulled. Normally, one DD Form 314 covers one piece of equipment. Several like items may be covered by one DD Form 314 if the services are scheduled and pulled on the same date. Examples of "like items" are small arms and M11 decons. When scheduling services on more than one item, put each item's serial number in the Remarks block. Like equipment or subsystems, reportable under AR 700-138, cannot be combined on one DD Form 314.

(3) Show NMC days on equipment reported under AR 700-138.

(a) NMC time is kept on equipment that is reported under AR 700-138, tables B-1 and B-2, as a single item or as a subsystem.

(b) Equipment reportable under AR 700-138, tables B-1 and B-2, need a record of not mission capable (NMCM/NMCS) time. Keep NMC days on that equipment on the reverse of the DD Form 314 or on a separate DD Form 314 as follows:

1. NMC time is kept only when the equipment has a deficiency defined as not mission capable in the PMCS "not mission capable if" column.

2. Deficiencies that are not covered by the PMCS "not mission capable if" column or equivalent will carry a status symbol X or CIRCLED X, but NMC time will not be counted for those deficiencies. Those deficiencies will be carried on the DA Form 2404.

(c) Show unit NMCM days with the symbol "O". Put an "S" inside the "O" for unit NMCS. Post unit NMCM/NMCS days as they occur. Use the letter "X" for each day the equipment is NMCM at support. Put the letter "S" over an "X" on the days it was NMCS at support. If support does not give you a day-by-day breakout, put the total number of support NMCM/NMCS days in the Remarks block. Use the front side of the DD Form 314 to schedule services. Use the reverse side or another DD Form 314 to show NMCM/NMCS time.

(d) Support maintenance will tell you which or how many days were NMCM/NMCS on the DA Form 2407 or a printout. Post this time to the DD Form 314. NMC time on equipment still in support maintenance at the end of a report period will be provided to the owning unit by telephone or other local means.

(e) For NMC time, equipment that is NMC at the end of the day is counted NMC for the whole day. Equipment that is FMC at the end of the day is counted as FMC for the whole day. A day is the normal work day for your command. See AR 700-138, chapter 4, for missiles.

(f) When equipment is loaned to another unit or activity, a copy of the DD Form 314 will go with the equipment. The borrowing unit will tell the owning unit about any NMCM/NMCS time on the equipment. This information will be given to the owning unit at the end of the reporting period and when the equipment is returned.

(g) Show system NMC time. Post NMC time on a separate DD Form 314 for each subsystem specifically identified in AR 700-138, tables B-1 and B-2. You will keep another separate DD Form 314 on the overall system, which is the system card. The system DD Form 314 shows the NMCM/NMCS time on the combined system.

(4) Schedule oil samples. Scheduling oil samples on the DD Form 314 is optional when the lab gives you a printout that lists when the next sample is due. Schedule oil samples in pencil on the DD Form 314. When the sample is taken, erase the symbol and hours from the DD Form 314 and schedule the next sample in pencil.

(5) Manage maintenance, services, or inspections locally as directed by the unit commander. This can include services performed by other echelons or units when the commander so directs. If a commander wants operator or crew services scheduled, put them in the Remarks block.

(6) Warranty information.

(7) Floating equipment.

(8) Document ATC required data as follows:

(a) Show PMCS technical reference. Within remarks section, exact PMCS technical reference will be shown, down to specific paragraph.

(b) Show PMCS time. Within remarks section, normal time required for each PMCS interval will be shown.

(c) Show flight check data. Within remarks section, show date of last flight check of navigational aid.

c. DD Form 314 is NOT USED for—

(1) Periodic services designated for the operator or crew.

(2) Showing oil samples taken.

(3) Training aids and devices (equipment used ONLY for training). Small arms/weapons must be classified as unusable per AR 190-11 before they can be considered training aids.

(4) Equipment provided with an ADP printout or automated forms that list DD Form 314 data.

(5) Record unit services on test, measurement, and diagnostic equipment (TMDE) when the services are performed by operators without supervision by unit maintenance personnel.

(6) Record NMC time for missile system/missile subsystem per AR 700-138, Chapter 4.

d. Use a signal system to show when a service is scheduled in the current month. A month can be from the first day to the last day of the month (e.g., 1 May through 31 May), or from a day in 1 month to the same day in the next month (e.g., 13 September to 13

October). At the start of each month, put your signals on the date blocks for the service. When the service is pulled, take the signal off the card or move it from the date block to one corner. Use the following signals:

- (1) Green signal. A green signal indicates a lube (L) is needed.
- (2) Yellow signal. A yellow signal indicates a T, I, R, W, M, Q, S, A, B, H, E, F, Z, or other service is due.
- (3) Red signal. Put a red signal over the right corner of the card when equipment is NMC. For equipment reported as a system in AR 700-138, table B-2, use the red signal only on the system card. Take the signal off the card when the equipment is fixed.

e. Low usage is as follows:

(1) *Definition.* Services for equipment that accumulates or is anticipated to accumulate less than a specific mileage/kilometers or hours in the previous or current year may have unit (-20) and direct support services (-34) extended. (See (3) below.)

(2) *Use.*

(a) To place equipment into the low usage servicing system, all service and lubrication tasks in the equipment's -20 and -34 TMs/LOs (W,M,Q,S,A,E,B) must be performed. After equipment is placed in the program, all services and lubrications will be combined with the annual service. The date, miles/kilometers, and hours when the equipment was placed into the low usage servicing system will be entered in the Remarks block of DD Form 314.

(b) Equipment that exceeds the specified criteria at any time during the year will immediately return to scheduled servicing at normal TM/LO intervals, to be scheduled from information that was entered in the Remarks block of DD Form 314.

(c) Servicing, evaluation, and exercising of recoil mechanisms and tubes will be done per applicable TBs and TMs.

(d) Communications and other subsystems mounted on "low usage" equipment will be serviced when the primary system is serviced.

(e) Low usage servicing will not be used for equipment under warranty and armament, equilibrating, fire control, equipment used within ATC, and sighting components of combat vehicles and missile systems.

(f) Operator/crew level (-10) maintenance intervals in TMs/LOs will not be changed to low usage.

(g) AOAP will not be extended; see chapter 4.

(3) *Criteria.*

(a) Tactical vehicles, trailers assigned to prime movers, and trailers without prime movers accumulated or anticipated to accumulate less than 3000 miles/4800 kilometers in the current year.

(b) Combat vehicles (except armament, equilibrating systems, fire control, and sighting components), missile systems (except fire control and sighting components), material handling equipment, and construction equipment anticipated to accumulate less than 750 miles/1200 kilometers or 75 hours in the current year.

(c) Generators, pumps, air compressors, support equipment (RO-WPU, bath units, etc.), watercraft, rail equipment, power driven NBC equipment, engine driven heaters, and air conditioners anticipated to accumulate less than 75 hours in the current year.

(d) Communication equipment in communication shelters anticipated to accumulate less than 75 hours of operation in the current year.

(e) Non-power driven NBC equipment anticipated to accumulate less than 75 hours of operation in the current year.

(f) Tentage/canvas items, immersion heaters, field ranges and space heaters/stoves, that are not used, will be erected or put up annually.

(g) Small arms and crew served weapons (machine guns, mortars, etc.) that are maintained in a humidity controlled room and not removed (for any reason) at any time during the year will be serviced annually.

(4) *Inspection /exercise.* All equipment, except that stated in (3)(f) above, will be inspected/exercised by operators semiannually. Inspection/exercise will include the following:

(a) Perform all Before (B) through Monthly (M) PMCS checks per the equipment operator's TM.

(b) Tactical (including trailers) and combat vehicles will be driven at least 5 miles to insure their performance is within parameters listed in the operator's TM. Vehicles equipped with radios will have Before (B) through Monthly (M) PMCS performed per the communication equipment operator's TM.

(c) Construction, engineer, and material handling equipment, wreckers, and combat vehicles will be operated sufficiently to ensure hydraulic systems reach operating temperature and equipment is mission capable.

(d) Generators, air compressors, support equipment, pumps, and power driven NBC equipment will be operated for 30 minutes under load or 1 hour no load.

(e) Small arms and crew served weapons will be inspected, without leaving humidity controlled room, for rust and corrosion. High humidity area inspections may be required more often.

(f) Visual inspections, to ensure lubricant is present on all lubrication points, will be performed by the operator/ crew.

(g) Visual inspections will be used to identify, report, or remove any new corrosion that may have formed.

(5) Low usage criteria provides guidance, and does not relieve commanders of their responsibility for adequate maintenance of their equipment.

f. Disposition of the DD Form 314 is as follows:

(1) The DD Form 314 is used for 1 year for equipment reported under AR 700-138. It can be used for 2 years on non-reportable equipment.

(2) Destroy a completed form after transferring needed information to a new form. Transfer the information from these blocks:

(a) Registration number.

(b) Administrative number.

(c) Nomenclature.

(d) Model.

(e) Assigned to.

(f) Remarks: NMCM/NMCS data for the current report; hour meter or odometer change information; symbols; and any other needed maintenance data.

(g) Schedule, in pencil, any services needed.

(3) The current DD Form 314 will go with the equipment when it is transferred. But, the losing unit will keep a record of NMCM/NMCS time for the current report period up to the day the equipment was dropped from the property book. The gaining unit reports the equipment's NMC time after the item is added to their property book.

(4) Destroy the DD Form 314 when the equipment is sent to salvage. However, the losing unit will keep a record of NMCM/NMCS time for the current report period.

(5) System DD Form 314 transfers any NMCM/NMCS data for the current reporting period to a new form. Then, destroy the old DD Form 314.

3-4. DA Form 2404 (Equipment Inspection and Maintenance Worksheet)

a. Purpose. DA Form 2404 has three major purposes. (See figs 3-7 through 3-13.) Operators and crews, first-line leaders, maintenance supervisors, and commanders are equally responsible for keeping information current and correct on the DA Form 2404. This form is the central record for managing and controlling maintenance as follows:

(1) It is a record of faults found during an inspection. These faults include PMCS, maintenance activity inspections, diagnostic checks, and spot checks, except as noted in paragraph b(10) below:

(2) It shows faults and repairs required for estimated cost of damaged reports.

(3) It shows Battlefield Damage and Assessment and Repair (BDAR) performed.

b. Use. The DA Form 2404 will be used by personnel performing inspections, maintenance services, diagnostic checks, technical evaluations, marine condition surveys on watercraft, and PMCSs, except as noted in (10) below:

(1) To inspect all components or subsystems that make up one

equipment system. You may use one DA Form 2404 or separate forms for each subsystem.

(2) To inspect several like items of equipment; e.g., one DA Form 2404 to inspect 25 M16A1 rifles.

(3) As a temporary record of required and completed maintenance.

(4) To list faults that operators or crews cannot fix and list parts replaced.

(5) By unit maintenance during periodic services to list all faults found and action taken to fix faults. When used to inspect several like items, the DA Form 2404 will list all deficiencies, shortcomings, and corrective action taken.

(6) On initial inspection by support maintenance to list all faults found. Attach the initial inspection to the DA Form 2407 that will be given to the person making the repairs. The DA Form 2404 will be used as the worksheet for correcting faults found and reporting any uncorrected unit level faults. Results of the maintenance action will be entered on the DA Form 2407.

(7) On final inspection by support maintenance to list faults found. Attach the final inspection to DA Form 2407 that will be given to the person that performed the repairs. The repairer will correct all faults found during the final inspection.

(8) To collect all maintenance and services performed on equipment that is involved in a DA approved SDC plan. In addition to the requirements in this pamphlet, the applicable FPG may identify additional data required as mandatory entries on the DA Form 2404.

(9) To report battlefield damage repair and/or replacement actions by all personnel. AR 750-1 and the individual equipment battle damage technical manuals govern when and how battlefield damage repairs should be accomplished.

(10) Within ATC maintenance, FAA Form 6030-1 will be used for recording PMCS results in lieu of DA Form 2404.

c. General instructions.

(1) The way you fill out some blocks and columns on the DA Form 2404 varies with the form use. Make sure you read the instructions that apply to your use of the form.

(2) When you need more than one DA Form 2404 for an inspection or service, print the page number in the right side of the form's title block. (Put 1 of 2 on the first page and 2 of 2 on the second, etc.)

(3) Parts on order or actions pending under anticipated not mission capable (ANMC) conditions may go on the DA Form 2408-14 with a diagonal status symbol.

(4) Administrative motor pools, using ADP cards or other automated forms, do not need the DA Form 2404.

d. Disposition.

(1) The DA Form 2404 will be kept in the equipment record folder or in a protected cover until it is completed if no faults have been found. If faults are found during an operator's or crew's PMCS, it will be given to the maintenance supervisor for action.

(a) Maintenance section leaders will review the DA Form 2404 prior to destruction to ensure all corrective actions have been completed.

(b) Transfer faults that must be fixed at support maintenance to the DA Form 2407 and attach DA Form 2404.

(c) Faults that cannot be fixed until a part comes in or that must be deferred go on the DA Form 2408-14.

(d) Status symbol X faults cannot go on the DA Form 2408-14. When there is a NMC deficiency on the DA Form 2404, keep until the deficiency has been repaired. This includes the DA Form 2404 on equipment sent to support maintenance. The form or a locally used signal will be kept in the equipment record folder to keep the equipment from being dispatched.

(2) The DA Form 2404 used for scheduled services will be kept on file for quality control until the next service is performed. All uncorrected faults will be moved to DA Form 2408-14 or DA Form 2407 and the service will be recorded on the DD Form 314. Forms carrying a status symbol X will be kept until the fault is corrected.

(3) Keep the DA Form 2404 that shows a periodic service on equipment that does not have historical records or a DD Form

314. Destroy the form only when the next periodic service is done. Any open faults at that time will go on the new DA Form 2404 unless a separate DA Form 2408-14 is used. This situation normally applies to the form used for services on more than one item or when an operator level service is required and must be documented. If the form lists no faults from previous service, use the same form to show the results of the current service.

(4) DA Form 2404 used for technical inspections will stay with the item until all maintenance is performed or item is disposed of. A copy of the technical inspection will go with an item evacuated to support maintenance units or depots for repair or overhaul.

(5) When the form has been used to report BDAR action, mail the DA Form 2404 to Survivability/Vulnerability Information Analysis Center (SURVIAC), ATTN: AFFDL/FES/CDIC, Wright-Patterson AFB, OH 45433.

(6) DA Form 2404 used for estimated cost of damage (ECOD) is handled as follows:

(a) Two copies will be attached to copy 4 of the DA Form 2407 that requested the ECOD and returned to the requesting unit. One copy will be returned with the DA Form 2407 that requests repair of the damage.

(b) The third copy will be filed with copy 5 of DA Form 2407 at the maintenance support activity.

3-5. DA Form 2405 (Maintenance Request Register)

a. Purpose. The DA Form 2405 is used to record all work requests (DA Form 2407) received and handled by maintenance activities. (See fig 3-14.)

b. Use.

(1) SAMS-1 automates the DA Form 2405 at the DS/GS support maintenance activity. It is used as a consolidated record of all DA Forms 2407 received. The automated form, PCN AHN-007, provides a consolidated list of all open work orders, man-hours, and work order status.

(2) Units supported by a SAMS DS/GS maintenance activity use the manually prepared DA Form 2405 when assigning organization work order number (ORGWON) to the DA Form 2407 for tracking organization work orders reflecting NMC conditions for INOP equipment. Routine maintenance requests (DA Form 2407) sent to support may also be recorded on the DA Form 2405.

(3) The DA Form 2405—

(a) Is a maintenance management record at both unit and support levels.

(b) Is a ready source for information on maintenance requests. It also gives information for management reports (like backlog status reports, etc.).

(c) May be used (but not required) at unit level as a record of maintenance requests sent to support activities or for internal management.

(d) Will be used by support activities to record and control DA Form 2407s sent and returned from commercial activities.

c. Disposition.

(1) The DA Form 2405 will be kept for 1 year after last date entered in column "h".

(2) If used for making budgets or planning, it may be kept beyond 1 year until budget or plans are completed. Then, destroy the form.

(3) You may choose to move open work order numbers to a new register if DA Form 2405 is closed at the end of a calendar or fiscal year.

3-6. DA Form 2407 (Maintenance Request) and DA Form 2407-1 (Maintenance Request Continuation Sheet)

a. Purpose. The DA Forms 2407/2407-1 serve as a request for maintenance support and give information to all levels of maintenance management. (See figs 3-15 through 3-22.) The DA Forms 2407/2407-1 are the source of information for the Army's work order data base at USAMC Logistics Support Activity (LOGSA). This data base, called the Work Order Logistics File (WOLF), provides statistical weapon analyses such as mean time to repair and repair parts usage at the DS/GS levels of maintenance for selected

major weapon systems. Submit the maintenance request data to LOGSA through the Standard Army Maintenance System (SAMS) or the Maintenance Information Management System (MIMS).

b. Use. Use the DA Forms 2407/2407-1 as a maintenance request as follows:

(1) At the unit level, they are used to—

(a) Request support maintenance, to include the following:

1. Repairs beyond the unit's authorized capability or capacity.
2. Application of MWOs. (See para 3-7.)
3. Fabrication or assembly of items.

(b) Report work on DA directed items under an approved sampling plan. AR 750-1 governs this program. The specific FPG identifies mandatory data elements for the forms.

(c) Initiate work requests that may become warranty claim actions.

(d) Show all support maintenance done on general purpose and passenger-carrying vehicles, combat and tactical equipment.

(e) Request an estimated cost of damage (ECOD) or technical inspection to determine the serviceability/repairability of an item prior to repair or turn-in for replacement.

(2) At support maintenance levels, they are used to—

(a) Record all work done and repair parts used, except common hardware and bulk material.

(b) Report all MWOs as they are applied as well as all previously applied MWOs.

(c) Send in warranty claim actions.

(d) Ask for repair of components, assemblies, and subassemblies in the reparable exchange program. You may use one form for as many items under an NSN as needed. For example, one DA Form 2407 might cover 10 rifles or 5 starters or 30 carburetors, etc.

(e) Ask for maintenance from another activity or supporting unit.

(f) Report work done on DA data sampling items under AR 750-1 and the specific FPG.

(g) Report battlefield repair actions. AR 750-1 and the individual equipment battlefield damage repair technical manuals govern how such repairs should be done.

(h) Serve as a dispatch record when road testing vehicle being repaired.

(i) Record support maintenance done under contract.

(j) Track serial numbered items within SAMS (see table 13-1 for a list of SNT reportable items).

(3) At the depot level, they are used to—

(a) Report MWOs as they are applied as well as all previously applied MWOs.

(b) Send in warranty claim actions.

(c) Show "onsite" work done by depot personnel.

(d) Report "repair and return to user" work done.

(e) Report work done on DA data sampling items.

(f) Record depot maintenance done under contract.

c. Organization work order number (ORGWON).

(1) *Purpose.* The ORGWON is assigned to all work orders for purposes of tracking INOP equipment and all equipment sent to the support maintenance activity for repair.

(2) *Use.* The ORGWON is the key to the inoperative equipment process.

(3) *General Instructions*

(a) The ORGWON is assigned sequentially from the DA Form 2405. Paragraph 3-5 gives details on the use of DA Form 2405.

(b) Assign an ORGWON when reportable equipment listed in AR 700-138, or when a command maintenance-significant item designated by the local commander, becomes inoperative. Also assign an ORGWON when a nonreportable subsystem of a reportable weapon system causes the weapon system to become inoperative. The positions of the ORGWON are as follows:

1. The first five positions of the ORGWON are the unit identification code (UIC) minus the W. A unit with a UIC of WABCD0(zero) would use ABCD0 (zero) as the first five positions of each ORGWON. The letters "I" and "O" are not permitted in a UIC. Numeric 0 (zero) is authorized to be used in a UIC.

2. If the sixth position of the ORGWON has a zero (0) or one(1),

it identifies ground or missile maintenance equipment, and whether it is reportable or not. A zero (0) identifies an end item as reportable under AR 700-138, or when a command maintenance-significant item, selected by a local commander, becomes inoperative. Also assign a zero (0) when a nonreportable subsystem of a reportable weapon system causes the weapon system to be inoperative. A one (1) is used if the item of equipment is not reportable. Also, a one (1) is used if a reportable item needs repair but is not inoperative (INOP); e.g., painting. If the sixth position of the ORGWON has a two (2) or a three (3), it identifies aircraft maintenance equipment, and whether it is reportable or not. A two (2) identifies an end item as reportable under AR 700-138, or when a command maintenance-significant item, selected by a local commander, becomes inoperative. Also assign a two (2) when a nonreportable subsystem of a reportable weapon system causes the weapon system to be inoperative. A three (3) is used if the item of equipment is not reportable. Also, a three (3) is used if a reportable item needs repair but is not inoperative (INOP); e.g., painting.

3. The seventh position of the ORGWON is the year within the decade. For example, the seventh position for each ORGWON assigned in 1992 would be 2.

4. The last five positions of the ORGWON are the sequence number of the work order. The sequence number is assigned at the unit maintenance platoon/section on DA Form 2405 for manual units.

5. The first seven positions of the ORGWON stay the same during the year and will be the same for each work order. The last five positions, however, are unique to each work order (i.e., 00001-99999 or HHC12).

(c) An ORGWON must be assigned for all INOP equipment, even if it is immediately evacuated to DS without any maintenance performed at the unit.

d. General Instructions

(1) The DA Form 2407/2407-1 show the specific item(s) being sent to support maintenance as follows:

(a) A separate DA Form 2407 will be filled out on each item reported under AR 700-138. A separate form will also be filled out on each component of an item reported under AR 700-138, when submitted separate from end item.

(b) You may combine items with the same make, model, and NSN on a single DA Form 2407 when they are not reported under AR 700-138. DA Form 2407-1 may be used when more room is needed.

(c) Items turned in for classification will be on separate forms.

(2) Send a copy of DA Form 2408-5 (Equipment Modification Record) with the equipment going to support maintenance.

(3) The organization asking for maintenance fills out Section I of the DA Form 2407 and sends all copies of the form with the equipment.

(4) The support unit fills in Block 24 and puts a local work order number on the form. Copy one then goes back to the organization as a receipt for the equipment. The unit returns copy one when the equipment is fixed and ready for pickup.

(5) If parts needed for maintenance are not available when a maintenance request is made, the supporting unit may defer the maintenance, except NMC equipment, by printing in the Remarks block "Equipment returned to user, awaiting parts (date). Equipment owner will be notified when parts are available". Support maintenance will retain copy number 1 and the equipment owner will retain all other copies. The unit will return the equipment and maintenance work request no later than the end of the following work day of being notified by support maintenance.

e. Disposition.

(1) *Receipt copy one.* Destroy when the equipment is returned to the unit.

(2) *NMP copy two.* Handle as directed by the local command. Retain for 180 days if copy is turned into SSA or PBO.

(3) *Control copy three.* Handle as directed by the local command. When the form is used for BDAR, mail this copy to the Survivability/Vulnerability Information Analysis Center (SURVIAC), ATTN: AFFDL/FES/CDIC, Wright Patterson AFB, OH 45433.

(4) *Organization copy four.*

(a) The unit keeps this copy for 180 days after the equipment is fixed. For items under a DA approved sampling plan, hold this copy as directed by the plan. The organization may keep the DA Forms 2407/2407-1 showing services (i.e., calibration and load/proof test) until the next service is performed or data transferred to DD Form 314.

(b) When the form is used for ECOD, keep this copy and associated correspondence until released by investigator at the completion of the investigation.

(c) Attach to DA Form 2765-1 (Request for Issue or Turn-In) for items turned into property book office or SSA.

(5) *File copy five.* The maintenance activity/installation maintenance activity keeps this copy for 1 year after the equipment is accepted by owning unit.

3-7. DA Forms 2407/2407-1 used to request or report an MWO

a. Purpose. The DA Forms 2407/2407-1 both request an MWO be applied and show MWOs done. (See figs 3-17 and 3-18.)

b. Use. The DA Forms 2407/2407-1 will be used to—

(1) Request that an MWO be applied. MWOs are normally applied by support, depot maintenance, or commercial contractors.

(2) Report applied MWOs on end items, installed components, and uninstalled components.

(3) Report an MWO against an end item when a modified component replaces an unmodified one.

Note. Note. The responsible sponsoring agency will ensure that equipment owners know when MWOs apply to their equipment. Report MWOs applied at depots as directed by AMC automated procedures. Depot teams and contractors applying MWOs in the field will report applied MWOs on DA Forms 2407/2407-1.

c. General Instructions

(1) The requesting unit will send all copies of the DA Forms 2407/2407-1 to the activity that will apply the MWO. The equipment normally does not go to that activity until MWO kits are on hand. If MWO kits are already on hand, the equipment will go with the form.

(2) When URGENT MWO kits are not on hand, the equipment normally goes to the maintenance activity with the form. The receipt copy one will be returned to the unit.

(3) For other than URGENT MWOs, the maintenance activity will get only the form until the kits arrive. The maintenance activity will print in the Remarks block "Receipt of MWO Request(Date) (Name or Initials)" and return copies 2, 3, 4, and 5 to the unit. Keep copy one of the DA Forms 2407/2407-1. When the MWO kits or parts come in, the unit asking for the MWO will be contacted. The unit will send the equipment and all copies of DA Forms 2407/2407-1 to the maintenance activity. The maintenance activity will fill in Block 24 of the DA Form 2407. The unit asking for the MWO will get copy one as a receipt. All other copies of the form stay with the support maintenance activity.

(4) When an applied MWO changes the NSN of the end item, send in a DA Form 2408-9. See paragraph 5-6c(9).

(5) Reporting MWOs accomplished and applicable to the same vehicle configuration can be listed by serial number on one DA Form 2407-1.

d. Disposition. When the MWO has been applied.

(1) Destroy the receipt copy one when the equipment goes back to the owning unit.

(2) Send NMP copy two to the DA MWO sponsoring agency within 3 working days. The MWO publication will tell you who the agency is and what address to use.

(3) The control copy three is handled as directed by the MWO pub or Materiel Fielding Plan (MFP). Otherwise, handle as directed locally.

(4) Destroy organization copy four.

(5) The maintenance activity keeps file copy five until the next MWO validation.

3-8. Warranty claim action (WCA)

a. Purpose. DA Forms 2407/2407-1 (Maintenance Request and Maintenance Request Continuation Sheet) are the only forms used to file WCAs. Figure 3-20 shows how to prepare the DA Form 2407 for WCAs.

b. Use.

(1) The DA Form 2407 is used to send in WCAs for items with bad components, parts, or assemblies covered by a factory warranty. Do not use SF Form 368 to report warranty claims.

(2) Report all WCAs, settled or unsettled, to the national level on DA Form 2407. (See settled or unsettled below:)

(a) Settled WCAs are for warranted items that have been repaired by organic maintenance units or by a local contractor/dealer.

(b) Unsettled WCAs are for warranted items awaiting disposition instructions or items being retrograded for repair at a higher level of maintenance or to a contractor facility.

c. General Instructions

(1) The Army's Warranty Program covers all items under warranty. Check the warranty technical bulletins (WTB) and with your warranty control office (WARCO) for specific items under warranty. WARCOs are listed in appendix C.

(2) AR 700-139 governs the warranty program. HQ AMC, ATTN: AMCAQ-PM, 5001 Eisenhower Avenue, Alexandria, VA 22333-0001, manages the Army's Warranty Program. The commands/addresses in figures 3-25 through 3-31 consolidate information for WARCOs and equipment under warranty. Items purchased after early 1984 and some items prior to that time will have technical bulletins that describe the actions required for the particular warranty and equipment.

(3) Submission of WCAs will be mostly limited to GS and depot level, except when specifically required by the WTB.

(4) The WARCO will normally operate from the GS, Directorate of Logistics (DOL), Directorate of Installation and Services, supporting maintenance battalion, division/corps, or theater maintenance management center.

(5) The WARCO at support maintenance levels acts as liaison between Army units and local contractors or dealers. The WARCO manages the warranty program at post, camps, or stations. The WARCO—

(a) Establishes local procedures to control WCAs.

(b) Receives, verifies, administers, processes, and distributes WCAs.

(c) Handles local warranty claims that are completed by Army units or contractor dealer/service networks.

(d) Acts as the point of contact for the AMC major subordinate commands (MSC) that buy the equipment for the Army.

(e) Controls shipments of items for warranty work.

(f) Reports on WCAs.

(6) When WCAs, reflecting local contractor/dealer repairs, are completed, that is, all work has been accomplished, the DA Form 2407 will be marked "Information Only" and submitted to the MSC representative listed in figures 3-25 through 3-31.

(7) If there is a disagreement between the Army and a local contractor/dealer/manufacturer over a warranty claim, the WARCO will try to resolve the problem at that level. When the disagreement cannot be resolved locally, the WARCO will contact the MSC representative listed in figures 3-25 through 3-31. In U.S. Army Europe (USAREUR), the WARCO will contact the Logistics Assistance Office (LAO) for help in resolving warranty disputes.

(8) The WARCO must be aware that, when contractors or dealers perform warranty work, other work not covered by the warranty may be done or needed. The contractor or dealer will expect to be paid for that work. The WARCO must stipulate, at the time of delivery, that either no non-warranty work be done or be prepared to pay for the work.

(9) The DA Form 2407 is the only form used to file warranty claim actions. No other forms are authorized as substitutes or replacements. The information listed in the blocks on the DA Form 2407 are placed into the Deficiency Reporting System (DRS) at the MSC to track particular warranties. Performance, part failure, and warranty cost effectiveness can be determined, just to list a few. It is

very important that all the blocks shown in Figure 3-20 be as accurate as you can make them. The DA Form 2407 should list the end item in the header blocks (blocks 1- 11). All WCAs will be processed through the WARCO.

(10) Any component, part, or assembly under warranty that fails during the warranty period becomes a warranty claim exhibit. All exhibits will carry a DA Form 2402 marked "Warranty Exhibit". Exhibits will be retained until disposition instructions are obtained. Normally, disposition instructions will be in the supporting WTb. When the supporting WTb does not provide disposition instructions, the materiel manager provides disposition instructions to you within 30 calendar days after receiving your WCA.

(11) Warranty items evacuated under the Repairable Exchange Program will have DA Form 2407, WCA, initiated prior to sending the item. The WCA will be completed at the normal level of repair.

(12) See appendix C for a list of WARCOs and LAOs.

(13) Each AMC MSC will publish a WTb listing all equipment under warranty.

d. Disposition.

(1) Copy one is kept by the owning unit until the equipment is returned or action is completed.

(2) Copy two is sent to the address listed in figures 3-25 through 3-31 for the item's NSN.

(3) Copy three is sent as directed by the WTb or with copy two. Copy three will normally go with copy two. A few WTbs, however, may require that copy three be sent to a separate location or at a different time when special or expedited parts support is needed.

(4) Copy four is returned to the owning unit or filed by the WARCO.

(5) Copy five stays with the item until the warranty action is completed. Then, dispose of the form.

3-9. Addresses for WCAs

Send WCAs on DA Forms 2407/2407-1 to the addresses in figures 3-25 through 3-31. These addresses are the screening points where all WCAs are to be sent regardless of who furnished the item to you. The screening point is identified in position one of the Materiel Category Structure Code (MAT CAT) in the Army Master Data File (AMDF) for each NSN. If you can't find the MAT CAT Code of the item using the AMDF, use the item's Federal supply class (the first four numbers of the NSN).

**MAT CAT Position 1: B, E, F, J, R, S, T
or FSC:**

1070-1080, 1510-1740, 1860-2305, 2620, 2810-2840, 3110-3230, 3455-3770, 3820¹, 3830-3835, 3915, 3940, 3960, 3990², 4010-5210, 5305-5430, 6115-6116, 6210-6350, 6605-6610, 6620, 6630-6640, 6670-6675, 5810-6810, 6930, 7105-7720, 8145, 8305-8475, 9110-9160, 9310-9999

Send to:

Commander
U.S. Army ATCOM (TROOP)
ATTN: AMSAT-I-MDO
4300 Goodfellow Blvd
St. Louis, MO 63120-1798
DODAAC: W81D18

Call or send message to:

Call:
DSN 693-1955
Comm: (314) 263-1955

Electronic Mail box:

KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

Send Message to:

CDR ATCOM ST LOUIS MO//AMSAT-I-MDO//

Notes:

- ¹ (well drilling equipment only)
² (cargo net only)

Figure 3-25. ATCOM (TROOP)

**MAT CAT Position 1: D or M
or FSC:**

1005-1055, 1090-1270, 1285-1330, 1345-1398, 3405-3450, 3611, 3620, 3645, 3650, 3660-3685, 3690, 3693-3695, 4921-4925, 4931-4933, 4940, 5220-5280, 6650, 6665, 6920, 8140
1336 (To determine correct address for particular NSNs under FSC 1336, check the AMDF for position 1 of the MAT CAT.)
1340 (except free rockets)
2320 and 2350 (SP artillery and antiaircraft guns only)

Send to:

Commander
U.S. Army AMCCOM
ATTN: AMSMC-QAD-(R)
Rock Island, IL 61299-6000
DODAAC: W52HIC

Call or send message to:

Call:
DSN 793-7580 ext 733
Comm: (309) 782-7580 ext 733

24-Hour Warranty HOTLINE:

DSN 793-4109
Comm: (309) 782-4109

Electronic Mail box:

AMCCOM.DRS@RIA-EMH1.ARMY.MIL

Send Message to:

CDR AMCCOM ROCK ISLAND IL//AMSMC-QAD//

Figure 3-26. AMCCOM

**MAT CAT Position 1: G, P, Q, U
or FSC:**

2596, 2598, 2691, 5450, 5805, 5811, 5815-6080, 6105, 6110, 6125-6145, 6605, 6615, 6625, 6660, 6680, 6695-6780, 6920, 6940-7050, 7450, 7550, 8130

Send to:

Commander
U.S. Army CECOM
ATTN: AMSEL-PA-MS-N
Ft. Monmouth, NJ 07703-5000
DODAAC: W15P6Z

Call or send message to:

Call:
DSN 992-0523/0525/0544
Comm: (201) 532-0523/0525/0544

24-Hour Warranty HOTLINE:

DSN 992-1276
Comm: (201) 532-1276

Send Message to:

CDR CECOM FT MONMOUTH NJ//AMSEL-PA-MS-N//

Electronic Mail box:

AMSEL-PA@MONMOUTH-EMH2.ARMY.MIL

Figure 3-27. CECOM

**MAT CAT Postion 1: H
or FSC:**

1510-1730, 2810, 2840, 2915, 2925, 2935, 2945, 2995, 3110-3130,
4920, 5303-5365, 6340, 6605, 6610, 6615, 6620

Send to:

Commander
U.S. Army ATCOM (AIR)
ATTN: AMSAT-I-MDO
4300 Goodfellow Blvd
St. Louis, MO 63120-1798

Call or send message to:

Call:
DSN 693-1955
Comm: (314) 263-1955

Send Message to:

CDR ATCOM ST LOUIS MO//AMSAT-I-MDO//

Electronic Mail box:

KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

Figure 3-28. ATCOM (AIR)

**MAT CAT Postion 1: K
or FSC:**

2310-2315, 2325-2340, 2410-2430, 2520, 2590, 2610, 2630-2805,
2815, 2910-2950, 3020, 3040, 3110-3130, 3805, 3810, 3815, 3990¹,
4310, 5430, 3820², 3825, 3895, 3910, 3920, 3930, 3950
2320 and 2350 (except SP artillery and antiaircraft guns)

Send to:

Commander
U.S. Army TACOM
ATTN: AMSTA-MMA
Warren, MI 48397-5000
DODAAC: W56HZY

Call or send message to:

Call:
DSN 786-7537
Comm: (313) 574-7537

Send Message to:

CDR TACOM WARREN MI//AMSTA-MMA//

Electronic Mail box:

AMSTAMMA@TACOM.EMH1.ARMY.MIL

Notes:

- ¹ (except cargo nets)
² (except well drilling equipment)

Figure 3-29. TACOM

**MAT CAT Postion 1: L
or FSC:**

1280, 1337, 1338, 1410-1450, 1810-1850, 2845, 4935, 4960, 6920,
8140, 9135

1336 (To determine correct address for particular NSNs under FSC

1336, check the AMDF for position 1 of the MAT CAT.)

1340 (Free rockets only)

Send to:

Commander
U.S. Army MICOM
ATTN: AMSMI-MMC-CS-AC
Redstone Arsenal, AL 35898-5180
DODAAC: W81D17

Call or send message to:

Call:
DSN 746-0447
Comm: (205) 876-0447

Send Message to:

CDR MICOM REDSTONE ARS AL//AMSMI-MMC-CS-AC//

Electronic Mail box:

CFO@REDSTONE-EMH2.ARMY.MIL

Figure 3-30. MICOM

**MAT CAT Postion 1: U
or FSC: 5810****Send to:**

Commander
U.S. Army Communications-Electronics Command
Communications Security Logistics Activity
ATTN: SELCL-LO-A
Fort Huachuca, AZ 85613-7090
DODAAC: W61QL1

Call or send message to:

Call:
DSN 879-7538
Comm: (602) 538-7538

Electronic Mail box:

CSLA-LAD@MONMOUTH-EMH2.ARMY.MIL

Send Message to:

CDRUSACSLA FORT HUACHUCA AZ//SELCL-LO-A//

Notes:

If you cannot decide where the report should go, send it to:

Commander
US Army Materiel Command
ATTN: AMCAQ-PM
5001 Eisenhower Avenue
Alexandria, VA 22333-0001.

Figure 3-31. CECOM CSLA

3-10. DA Form 2408-14 (Uncorrected Fault Record)

a. Purpose. The DA Form 2408-14 is a record of uncorrected faults and deferred maintenance actions on equipment. Deferred maintenance actions are authorized delays for repair or maintenance. (See fig 3-21.) Equipment with deferred maintenance does not meet the Army maintenance standard as addressed in AR 750-1, paragraph 3-1a.

b. Use.

(1) Serves as a record of uncorrected faults and deferred maintenance. That is, an authorized delay for maintenance actions.

(2) Deferred or delayed maintenance can affect operation of the equipment, mission performance, and safety. Therefore, the commander or the commander's designated representative will determine when a fault will be transcribed to DA Form 2408-14. Faults not requiring parts, or faults for which parts are on hand, will be corrected without delay per AR 750-1. Status symbol X faults will not be entered on DA Form 2408-14.

(3) The DA Form 2408-14 will be kept on any item or group of

items that has an open deferred maintenance action. This form is not required when an automated system provides you with a list or printout of deferred maintenance and uncorrected faults that includes all elements on the DA Form 2408-14.

c. General Instructions

(1) Maintenance status symbol HORIZONTAL DASH (–) and DIAGONAL SLASH (/) faults will be annotated on the DA Form 2408-14.

(2) When a deferred maintenance action exists on an item of equipment, the DA Form 2408-14 will be with the equipment when the equipment is undergoing maintenance, on dispatch, under operation, or undergoing a service or inspection.

(3) Separate forms are not required for items (except reportable subsystems) like rifles, protective masks, and M11 decons, when one DA Form 2404 has been used to inspect and record the status of those items. A single form may be used to show deferred faults on such items as long as each fault entry is preceded in column b by the item's administration or serial number.

(4) Operators or crews will check the form before each dispatch. Look for faults that may affect the mission and faults that are overdue to be fixed. For example, look at any dates in column c that have passed or actions that have already been taken. Tell the maintenance supervisor about any you find.

(5) Maintenance supervisors and section leaders (platoon) will review the forms periodically (not less than every 2 weeks for Active Army and 1 month for NG/Reserve Components). Check on the status of parts on order. Look for any faults that have been fixed, but not closed out. Check for any faults overdue to be fixed.

(6) The form will be kept in the equipment record folder or in a protective cover when a deferred maintenance action or uncorrected fault exists on the item of equipment.

(7) Do not start a DA Form 2408-14 until there is an uncorrected equipment fault that cannot be corrected due to lack of repair parts or deferred action.

(8) A second copy of the DA Form 2408-14 may be kept wherever and whenever needed for maintenance supervisors or section leaders.

(9) Parts on order for or actions pending under ANMC conditions may go on the form with a DIAGONAL SLASH status symbol. Line out the entry if the ANMC condition changes to an NMC condition. The status symbol for the NMC condition then changes to an X and the entry can no longer stay on the form. Enter the NMC condition on the current DA Form 2404.

d. Disposition. Destroy the DA Form 2408-14 after the form has been filled up and all the faults have been fixed or moved to a new DA Form 2408-14.

3-11. FAA Form 6030-1 (Facility Maintenance Log)

a. Purpose. FAA Form 6030-1 is a record of all maintenance actions performed at any ATC facility and/or navigational aid. (See fig 3-24.)

b. Use.

(1) FAA Form 6030-1 provides a complete record of all maintenance actions performed at any ATC facility and/or navigational aid. It logs document equipment performance and maintenance activities, as well as provides a historical record of site events.

(2) An FAA Form 6030-1 will be maintained at each navigational aid or ATC equipment area.

(3) One FAA Form 6030-1 may be used to cover all ATC equipment at one specific tactical site.

(4) FAA Form 6030-1 will be used instead of DA Form 2404 for recording organizational preventive maintenance checks and services. Clearly annotate PMCS.

c. General Instructions

(1) *Basic log format.* Log entries will be clear, complete, and concise. The log documents fact, as perceived by the person making the entry. Elaborate detail or opinion will be avoided. The use of standard abbreviations and references to substantive records is encouraged in expressing activities in the clearest manner. Legible entries will be made in ink. All information noted will correlate with

related data on other forms, records, and reports. Maintenance activities logged will cite the appropriate technical reference needed to support the entry as a complete, understandable statement.

(2) *Location of logs.* Logs will be kept in the immediate vicinity of the log subject. Exceptions are allowed where this is impractical, but the location will be designated within the maintenance standard operating procedures.

(3) *Log corrections.* There will be no erasures or deletions of any entered data. A corrected entry is mandatory for erroneous entries relating to a facility interruption. Errors will be corrected by one of the following two methods:

(a) The person making the error can void the entry with a single line strikeout followed by their initials and the corrected version. This method will only be used when the correction can be entered adjacent to or immediately below the erroneous entry.

(b) An entry in error will be corrected with an additional entry referenced to the erroneous entry by date and time. The person making the correction will then note the date and time of the corrected entry and their initials in the margin adjacent to the erroneous entry.

(4) *Activities requiring log entries.* Entries in the logs will provide a complete accounting of activities related to facility status, certification, operation, or performance. Entries will include but are not limited to—

(a) Arrivals and departures at facilities not manned. At least one entry will include the purpose of the visit, if not apparent from other entries.

(b) Scheduled or unscheduled interruptions/outages and related activities.

(c) Start and completion of PMCS or corrective maintenance actions performed.

(d) Identification of failed equipment components by reference designation, part number, NSN, or serial number.

(e) Start and completion of flight inspections (where onsite personnel are involved or notified), technical inspections, and aircraft accident investigations.

(f) Equipment changes or replacement, including transfers and channel changes.

(g) Modification, commissioning, or decommissioning activities.

(h) Pilferage, vandalism, or related events.

(i) Adverse weather effects, commercial power failures, access road problems, or any other conditions deemed to have impact on facility or air traffic operations.

(j) Certification or decertification.

(k) Visits by nonsite personnel.

(5) *Initials.* The originator will initial the entry in the area provided on the last line of the entry. Two-party entries will be initialed by the originator's initials on top, a slash (/), and the second party's (observer or second technician) initials under the slash in the initial box.

(6) *Page numbering.* All serialized log pages will remain in numerical order with any exceptions noted. When starting a new log, the serial number of the last page of the old log will be referenced in the first entry of the new log. The serial number of the first page in the new log will be referenced in the last entry of the old log or in the lower right margin of the last page.

(7) *Month and year.* The month and year corresponding to the beginning entry on each page of the log will be entered in the "month and year" block at the top of each page of the log.

(8) *Date and time.* All entries will be referenced to date and local time. Consecutive entries on the same calendar date need not be dated at each entry, but the date is required on the first and last entry of each page. Entries continued from the previous page need not have a date and time on the continued portion.

(9) *Initial/final remarks entries.* Begin a new page with each calendar month. On the first line put "First Entry Month of (month)". After last entry of each month, state "Last Entry Month of (month)". Draw a slash (/) through all unused lines.

(10) *Technician's signature.* At the end of each month, the technician having the primary responsibility for the maintenance of the facility or navigational aid covered by the log, is responsible for

reviewing and signing the log page(s) in the lower right hand corner under "Signature of Maintenance Technician".

(11) *Supervisor's signature.* The maintenance supervisor conducts an onsite log overview prior to removal of the white page(s). Review will address log procedural or policy discrepancies, technical completeness, detection of facility performance trends, and recurring malfunctions. Mistakes or unclear entries will be corrected

by an additional entry referenced to the erroneous entry by date and time. After verifying that the yellow copy is a reproduction of the white page, the supervisor will date and sign in the lower left block at the bottom of each page reviewed. The white page(s) will be removed for filing at the maintenance office.

(12) *Disposition instructions.* Retain facility maintenance logs on file a minimum of 5 years from date of last monthly entry, or until no longer needed.

Edition of MAY 81
is obsolete.

★ U.S. GPO: 1986 - 161-818

EXCHANGE TAG	1. SUPPORT AGENCY (DODAAC) DODAAC UIC WACTAO		2. DATE 1292		COPY 1
	3. ORGANIZATION (DODAAC) UIC WACCBO		4. <input type="checkbox"/> WARRANTY <input type="checkbox"/> EIR EXHIBIT <input checked="" type="checkbox"/> EXCHANGE		
	5. NSN 2805-01-039-3500		6. NOUN NOMENCLATURE ENGINE, GASOLINE		
	7. PD 02		8. PD AUTHENTICATION Ryan O. Bow, Jr.		
	9. END ITEM NOMENCLATURE SLEB CNT MNT		10. MODEL SELM1975		
	11. SERIAL NO. 54782		12. DEFICIENCY OR SYMPTOM ENGINE SEIZED		
	13. DATE ACCEPTED 1292		14. SIGNATURE Ryan M. Lee		
	15. NMCS yes		16. JON A803862		
	17. INITIALS DL		18. DATE REPAIRED 1295		
	19. INITIALS RML		19. INITIALS RML		

Figure 3-1. Sample of a completed DA Form 2402

Legend for Figure 3-1:

Completion instructions by block number and title

(1) Support Agency (DODAAC).

a. Line through the word "DODAAC" and enter the word "UIC."
b. Enter the UIC of the support activity that will receive, hold, or Work on the item for you.

(2) **Date.** Enter the Julian date the form was initiated.

(3) **Organization (DODAAC).**

a. Line through the word "DODAAC" and enter the word "UIC."
b. Enter the UIC of the owning unit or organization.

(4) **Warranty/EIR Exhibit/ Exchange.** Mark the block to show the use of the form. If form is being used for other than the options indicated in Block 4 (e.g., receipt for TMDE), print the use of the form above the exchange block.

(5) **NSN.** Enter the NSN of the item.

(6) **Noun Nomenclature.** Print the noun abbreviation of the item to be exchanged.

(7) **PD.** Enter the priority designator (PD) that applies to the action. The unit or organization listed in Block 3 normally assigns the PD. When the form supports a customer maintenance request, use the PD of the maintenance request.

(8) **PD Authentication.**

a. The commander or the commander's designated representative signs when a PD of 01 through 10 is in Block 7.
b. Enter the maintenance work order number when a PD of 01 through 10 is taken from a maintenance request.

(9) **End Item Nomenclature.** Enter the noun abbreviation of the end item for the part or component in Block 6.

(10) **Model.** Enter the model number of the end item.

(11) **Serial No.** Enter the serial number of the end item.

(12) **Deficiency or Symptom.** Briefly describe the problem.

(13) **Date Accepted.** When the form is used as a receipt, the support unit will enter the Julian date.

(14) **Signature.** The person who receives the item signs.

(15) **NMCS.** Print the word "Yes" for NMC condition.

(16) **JON.** The facility that will repair the item enters the maintenance work order number.

(17) **Initials.** The person receiving the item for repair initials in this block.

(18) **Date Repaired.** The person doing the work enters the Julian date that the work was finished.

(19) **Initials.** The person doing the work initials in this block.

DD FORM 314 PREVIOUS EDITIONS OF THIS FORM MAY BE USED SCHEDULE AND RECORD		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	REGISTRATION NUMBER	ADMINISTRATION NO.					NOMENCLATURE										MODEL			ASSIGNED TO												
	JAN	O S S S S S S S S S S S S S S S S S																														
	FEB	O X X X X X X X X X X X X X X X X X																														
	MAR																															
	APR																															
	MAY																															
	JUN																															
	JUL																															
	AUG																															
	SEP																															
	OCT																															
NOV																																
DEC																																
REMARKS																																
DATE RECEIVED								RECEIVED FROM														DISPOSITION										
REGISTRATION NUMBER								ADMINISTRATION NO.					NOMENCLATURE										MODEL			ASSIGNED TO						
5C1263								A-60					TRKCGO Subsystem HE x40231										M54A2			COA 141ECB						
93	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

This portion is provided for convenience in typing the lower lines on BOTH SIDES.

To be detached prior to placing in KARDEX or other visible-type file.

GPO : 1987 O - 185-749

Figure 3-3. Sample of a completed DD Form 314 (Reverse side)

Legend for Figure 3-3:

Completion instructions by block title

Use either the blocks at the top or the bottom of the card.

Put the last two digits of the calendar year in the shaded box at the upper left or lower left of the card.

Registration Number. Enter the registration number, if the equipment has one assigned, or the serial number.

Administration No. Enter the equipment's administration number (bumper or locally assigned number). If the equipment does not have an assigned administration number (bumper or locally assigned number), pencil "none assigned" in this block.

Nomenclature.

- a. Put the noun abbreviation in this block.
- b. For equipment reported under AR 700-138, put the equipment category code (ECC) and line item number (LIN) under the noun. You will find ECCs in appendix B, Table B-18. LINs are in SB 700-20. Use the exact nomenclature format listed in AR 700-138.
- c. If the item is a system or part of a subsystem, enter either "system" or "subsystem" as applicable.

Model. Enter the model number; for example, M1009. Use the exact model format listed in AR 700-138.

Assigned To. Enter the name of the unit or organization owning the

equipment. Pencil entry if the item is authorized for Operational Readiness Float (ORF).

Remarks.

a. For equipment reported under AR 700-138, Tables B-1 and B-2, note any NMCM/NMCS time reported as totals by support maintenance. (When support gives you a day-by-day breakout of NMC time, mark the days in the date block.)

b. For equipment with hourmeters or odometers, show the total time of miles on the equipment at the last meter change. For example, "Odometer replaced at 23,169 miles, new reading 0 (zero) miles" or "Hourmeter replaced at 1,327 hours. New reading 5 hours." The "replaced at" number is the total (cumulative) hours or miles on the equipment at the time the meter was replaced. The "new reading" number is the hours or miles on the new meter when you put it on the equipment. The "replaced at" and "new reading" numbers will be in pencil. When you next replace the meter, add the usage from the meter you're replacing to the "replaced at" figure, and show any miles or hours on the new meter. This information is needed for the DA Form 2408-9 Usage report and others.

Date Received. Leave blank or use as needed locally.

Received From. Leave blank or use as needed locally.

Disposition. Leave blank or use as needed locally.

Date Blocks. Show day-by-day breakout of NMC time. Mark the days in the date block.

DD FORM 314
 PREVIOUS EDITIONS OF THIS FORM MAY BE USED
 PREVENTIVE MAINTENANCE SCHEDULE AND RECORD

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31									
REGISTRATION NUMBER	ADMINISTRATION NO.											NOMENCLATURE										MODEL			ASSIGNED TO															
JAN																																								
FEB																																								
MAR																																								
APR																																								
MAY																																								
JUN																																								
JUL																																								
AUG																																								
SEP																																								
OCT																																								
NOV																																								
DEC																																								
REMARKS																																								
Pump Ser # 421565 Tank Ser # 124798 Heater Ser # 455531																																								
DATE RECEIVED											RECEIVED FROM											DISPOSITION																		
REGISTRATION NUMBER											ADMINISTRATION NO.											NOMENCLATURE										MODEL			ASSIGNED TO					
See Remarks											A-60											Decon Appt System SN FB1880										M12A1			Co A 14IECB					
93	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31									

This portion is provided for convenience in typing the lower lines on BOTH SIDES.

To be detached prior to placing in KARDEX or other visible-type file.

*U.S. GPO: 1989-252-101

Figure 3-4. Sample of a completed DD Form 314 Front Side (System)

(2) Nomenclature and Model.

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

(3) Registration/Serial/NSN.

- a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.
- b. For watercraft, enter the DA Hull Number.

(4a) Miles.

- a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.
- b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is kilometers.
- c. Leave blank if the item does not have an odometer or if no faults are found.

(4b) Hours.

- a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.
- b. Leave blank if hours do not apply to the equipment or if no faults are found.

(4c) Rounds Fired. Leave blank.**(4d) Hot Starts.** Leave blank.**(5) Date.** Enter the calendar date the deficiency or shortcoming was found.**(6) Type Inspection.** Enter "PMCS".

- a. Use the same DA Form 2404 for more than 1 day. If you find no faults during the BEFORE OPERATION checks in the PMCS, put the date in column c. If no faults are found DURING or AFTER OPERATION, initial in column e.
- b. When no faults are found, this form can be used for more than 1 day even if form was used for concurrent PMCSs, i.e., W/M. Just place the first letter of the type of PMCS performed (W/M) in column d, by that day's date in column c after the PMCS was performed.

(7) TM Number and TM Date.

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second number and date block.
- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

(8a) Signature. When a deficiency or shortcoming is found, the operator or supervisor signs and enters rank. A signature in this block keeps the form from being used past current dispatch.

(8b) Time. Leave blank or use as needed locally.

(9a) Signature. Maintenance supervisor or the commander's designated representative will sign when corrective action is taken.

(9b) Time. Leave blank or use as needed locally. For a missile system

and missile subsystems reported under AR 700-138, (chapter 4), enter the time when item was found to be NMC.

(10) Man-Hours Required. Leave blank or use as needed locally.

Column a. TM Item No.

a. Put the PMCS item number that applies to the fault listed in column c. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if the fault is listed in the "Equipment is not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the DA Form 2406 (Materiel Condition Status Report) unless they are in the PMCS "not ready" column or the "not mission capable" column. But, you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

Column b. Status. Enter the status symbol that applies to the fault or deficiency.

Column c. Deficiencies and Shortcomings.

a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired on the DA Form 2404. Continue the PMCS to make sure no other faults exist.

b. Briefly describe the fault. Skip one or two lines between faults. This will give maintenance room to note actions they take.

c. When more than one TM covers the equipment, draw a line under the last entry for one TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.

d. When using one DA Form 2404 for more than one item of equipment, enter the serial or administration number for the item with the fault. Write the fault on the line below the serial number.

e. When you list faults not covered by the PMCS, add the pub that covers them; for example, SOP or AR 385-55.

Column d. Corrective Action. Explain corrective actions taken.

Column e. Initial When Corrected. The mechanic initials any faults that have been fixed. The initials will go on the last line for the entry in column d. The maintenance supervisor will review the faults corrected and those still not fixed to decide what other action is needed. For quality control, the inspector or a designated representative will check all corrected status symbol X faults. The inspector will then initial the status symbol.

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET										
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCILOG										
1. ORGANIZATION B Co 214th Ayn					2. NOMENCLATURE AND MODEL Trk Cgo 1/4 T m1008					
3. REGISTRATION/SERIAL/ASN 345678		4. MILES 18310	5. HOURS	6. ROUNDS FIRED	7. HOT STARTS	8. DATE 5 Jan 92		9. TYPE INSPECTION PMCS		
7. APPLICABLE REFERENCE										
TM NUMBER Tm 9-2320-259-10 w/c 3			TM DATE Jul 86			TM NUMBER		TM DATE		
COLUMN a - Enter TM item number.					COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.					
COLUMN b - Enter the applicable condition status symbol.					COLUMN e - Individual ascertaining completed corrective action initial in this column.					
COLUMN c - Enter deficiencies and shortcomings.										
8. STATUS SYMBOLS										
<p>"X"-Indicates a deficiency in the equipment that places it in an inoperable status.</p> <p>CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.</p> <p>HORIZONTAL DASH "-"-Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.</p>					<p>DIAGONAL "/"-Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.</p> <p>LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.</p> <p>FOR AIRCRAFT-Status symbols will be recorded in red.</p>					
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.										
9a. SIGNATURE (Person(s) performing inspection)				9b. TIME		9c. SIGNATURE (Maintenance Supervisor)		9d. TIME		10. MANHOURS REQUIRED
SPC Mark Houhal						Robert W. Potts 15				
TM-ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS			CORRECTIVE ACTION			INITIAL WHEN CORRECTED		
		4 Jan 92						M.H.		
5a	X	transfer will not shift to low			Cleared for limited operation to transfer vehicle to support maintenance on 5 Jan 92			RWP.		
5a	X	transfer will not shift to low.								

DA FORM 2404
1 APR 78

Replaces edition of 1 Jan 84, which will be used

Figure 3-9. Sample of a completed DA Form 2404 used for changing an "X" condition

Legend for Figure 3-9:
Completion instructions for DA Form 2404 used for changing an "X" condition

Note: Administrative/bumper number will be placed in upper right hand corner or as prescribed by local SOP.

(1) Organization. Enter the name of the unit to which the equipment belongs.

(2) Nomenclature and Model.

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

(3) Registration/Serial/NSN.

- a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.
- b. For watercraft, enter the DA Hull Number.

(4a) Miles.

- a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.
- b. Round to the nearest mile or kilometer. Put the letter "K" if the reading is kilometers.
- c. Leave blank if the item does not have an odometer or if no faults are found.

(4b) Hours.

- a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.
- b. Leave blank if hours do not apply to the equipment or if no faults are found.

(4c) Rounds Fired. Leave blank.**(4d) Hot Starts.** Leave blank.**(5) Date.** Enter the calendar date the deficiency or shortcoming was found.**(6) Type Inspection.** Enter "PMCS".

- a. Use the same DA Form 2404 for more than 1 day. If you find no faults during the BEFORE OPERATION checks in the PMCS, put the date in column c. If no faults are found DURING or AFTER OPERATION, initial in column e.
- b. When no faults are found, this form can be used for more than 1 day even if the form was used for concurrent PMCSs, i.e., W/M. Just place the first letter of the type of PMCS performed (W/M) in column d, by that day's date in column c.

(7) TM Number and TM Date.

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second number and date block.
- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

(8a) Signature. When a deficiency or shortcoming is found, the operator or supervisor signs and enters rank. A signature in this block keeps the form from being used past the current dispatch.

(8b) Time. Leave blank or use as needed locally.

(9a) Signature. The commander or the commander's designated representative will sign name and rank when making a status symbol change or changing from an X to a CIRCLED X status symbol for one time operation.

(9b) Time. Leave blank or use as needed locally. For missile system and missile subsystems reported under AR 700-138, (chapter 4), enter the time when item was found to be NMC.

(10) Man-Hours Required. Leave blank or use as needed locally.

Column a. TM Item Number.

- a. Put the TM item number that applies to the fault listed in column c.

If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if the fault is listed in the "Equipment not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the Materiel Condition Status Report (MCSR) unless they are in the PMCS "not ready" column or the "not mission capable" column. But, you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

Column b. Status. Repair of status symbol X faults cannot be postponed or delayed, but they may be changed to a CIRCLED X status symbol for limited operation. The commander or the commander's designated representative may change an X status symbol fault to a CIRCLED X status symbol. Changing of status symbols should only be done when the equipment is crucial to the mission. No X status symbol faults will be changed to a CIRCLED X if it endangers the operator/crew or causes further damage to the equipment. CIRCLED X conditions will be for one time operation or mission. (Common sense must be used.)

Column c. Deficiencies and Shortcomings.

a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired on the DA Form 2404. Continue the PMCS to make sure no other faults exist.

b. Briefly describe the fault. Skip one or two lines between faults. This will give maintenance room to note actions taken.

c. When more than one TM covers the equipment, draw a line under the last entry for one TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.

Column d. Corrective Action.

a. Print "Cleared for limited operations," and the specific limits under which the equipment can be operated. For example, limits may involve speed, type of mission, distance, weather, or time. The change may affect a subsystem of a system listed in AR 700-138. If so, make sure the limits include the part of the mission the system can no longer do.

b. Deficiencies changed to a CIRCLED X will return to an X status symbol at the end of the day or mission.

c. Equipment cleared for limited operations will still be carried as NMC for the DA Form 2406, DA Form 3266-2R, and the DD Form 314.

d. When a deficiency is corrected immediately or changed to a CIRCLED X, entries in blocks 4 and 5 will be made at the end of the dispatch or operation.

Column e. Initial When Corrected.

a. The commander or the commander's designated representative initials for limited operation entries.

b. The person taking the action or transferring the document/NSN initials other entries.

c. The initials will go on the last line of the entry.

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET					
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCBLOG					
1. ORGANIZATION B Co 214th Avn			2. NOMENCLATURE AND MODEL Trk C90 1/4 T m1008		
3. REGISTRATION/SERIAL/NSN 67890	4. MILES 10389	5. HOURS	6. ROUNDS FIRED	7. HOT STARTS	8. DATE 16 Apr 92
9. TYPE INSPECTION Annual					
APPLICABLE REFERENCE					
TM NUMBER Tm 9-2320-289-206	TM DATE Jan 88	TM NUMBER Tm 9-2320-289-206	TM DATE		
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.			COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.		
STATUS SYMBOLS					
"X"-Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "-"-Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.			DIAGONAL "/"-Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists. FOR AIRCRAFT-Status symbols will be recorded in red.		
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.					
10a. SIGNATURE (Person performing inspection)		10b. TIME	10c. SIGNATURE (Maintenance Supervisor)		10d. TIME
PFC Chuck Palmer			SSG John Mora		
11. MANHOURS REQUIRED					
TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS	CORRECTIVE ACTION	INITIAL WHEN CORRECTED	
8	/	Class II leak at rear diff. cover	torgued bolts to 35# ft. checked fluid level	C.P.	
			annotate on 2408-14.30*	J.M.	
			CDRAAA212345		
9	/	Rear shock bushings starting to dry rot.	2310-01-561-1083 4E9 pg. 98 fig. 5 item 2 Doc. # 2108-0010	Annate on 2408-14. J.M.	

DA FORM 2404 1 APR 79

Replaces edition of 1 Jan 64, which will be used

Figure 3-10. Sample of a completed DA Form 2404 used for maintenance services/inspections

Legend for Figure 3-10:
Completion instructions for DA Form 2404 used for maintenance services/inspections

Note: Administrative number/bumper number will be put in the upper right hand corner or as prescribed by local SOP.
(1) Organization. Enter the name of the unit to which the equipment belongs.

(2) Nomenclature and Model.

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

(3) Registration/Serial/NSN.

- a. Enter the serial or registration number. Enter the NSN when no serial number or registration number is available.
- b. For watercraft, enter the DA hull number.
- c. For more than one item, leave blank.

(4a) Miles.

- a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.
- b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is in kilometers.
- c. Leave blank if the item does not have an odometer or if no faults are found.

(4b) Hours.

- a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.
- b. Leave blank if hours do not apply to the equipment or if no faults are found.

(4c) Rounds Fired. Leave blank.**(4d) Hot Starts.** Leave blank.**(5) Date.** Enter the calendar date the service is performed.**(6) Type Inspection.**

- a. Enter the type of inspection or service to be done (lubrication, monthly, quarterly, semiannual, etc.).
- b. When doing more than one inspection or service at the same time, put the service symbols in block 6 (L/S, etc.).

(7) TM Number and TM Date.

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second number and date block.
- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

(8a) Signature. Personnel performing service/ inspection signs and enters rank after inspection is completed.

(8b) Time. Leave blank or use as needed locally.

(9a) Signature. The maintenance supervisor or the commander's designated representative signs name and rank after service/inspection is completed.

(9b) Time. Leave blank or use as needed locally. For missile systems and missile subsystems items reported under AR 700-138, (Chapter 4), enter the time when item was found to be NMC.

(10) Man-Hours Required. Leave blank or use as needed locally.

Column a. TM Item Number.

- a. Put the PMCS item number that applies to the fault listed in column c.
- b. If the PMCS has no item numbers, list the page, paragraph, or

sequence number. Circle the number if the fault is listed in the "Equipment not ready/ available" column or "Not Mission Capable" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the DA Form 2406 unless they are listed in the PMCS "not ready" column or the "not mission capable" column. But you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

Column b. Status. Enter the status symbol that applies to the fault or deficiency.

Column c. Deficiencies and Shortcomings.

a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults on the DA Form 2404 that you have repaired. Continue the PMCS to ensure no other faults exist.

b. Briefly describe uncorrected faults.

Column d. Corrective Action.

a. Explain corrective action taken.

b. For equipment needing a DA Form 2409, note repair work done and parts replaced. Put that information on the DA Form 2409. Print "DA Form 2409" in column d for those items.

c. If parts are needed, the PLL clerk will order them and enter the document numbers.

d. Faults that need support maintenance will go on a DA Form 2407. Print "DA Form 2407 (SPT)" in column d.

e. The commander's designated representative will decide what maintenance can be delayed. Faults that do not affect the operation of the equipment and the operator's safety can be deferred because:

- (1) Support is backed up and cannot get to the equipment right away.
- (2) The needed repair part is not on hand.
- (3) Other reasons at the CO's discretion.

f. Faults that the commander's designated representative decides to defer go on the DA Form 2408-14. Print "DA Form 2408-14" in column d for those items.

Column e. Initial When Corrected.

a. The person taking the action or transferring the information initials other entries.

b. The initials will go on the last line of the entry.

c. For quality control, the inspector or commander's designated representative will check all corrected status symbol X faults to ensure proper repairs have been completed. If properly repaired, the inspector or the commander's designated representative will initial the status symbol.

b. For watercraft, use the noun abbreviation and Hull Design Number.

(3) Registration/Serial/NSN.

a. Enter the serial or registration number. Enter the NSN when no serial number or registration number is available.

b. For watercraft, enter the DA hull number.

c. For more than one item, leave blank.

(4a) Miles.

a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.

b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is in kilometers.

c. Leave blank if the item does not have an odometer or if no faults are found.

(4b) Hours.

a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.

b. Leave blank if hours do not apply to the equipment or if no faults are found.

(4c) Rounds Fired. Leave blank.

(4d) Hot Starts. Leave blank.

(5) Date. Enter the calendar date the service is performed or the shortcoming was found.

(6) Type Inspection.

a. Enter the type of inspection or service to be done (lubrication, monthly, quarterly, semiannual, etc.).

b. When doing more than one inspection or service at the same time, put the service symbols in block 6 (L/S, etc.).

(7) TM Number and TM Date.

a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second TM number and date block.

b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in TM date block.

(8a) Signature. Personnel performing service/inspection signs and enters rank after inspection is completed.

(8b) Time. Leave blank or use as needed locally.

(9a) Signature. The maintenance supervisor or the commander's designated representative signs name and rank after service/inspection is completed.

(9b) Time. Leave blank or use as needed locally. For missile systems or missile subsystem items reported under AR 700-138, (Chapter 4), enter the time when item was found to be NMC.

(10) Man-Hours Required. Leave blank or use as needed locally.

Column a. TM Item Number.

a. Put the PMCS item number that applies to the fault listed in column c. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if the fault is listed in the "Equipment not ready/available" column or "Not Mission Capable" column of the PMCS. If the PMCS has no ready/available or not mission capable

column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the DA Form 2406 unless they are listed in the PMCS "not ready" column or the "not mission capable" column. But, you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

Column b. Status. Enter the status symbol that applies to the fault or deficiency.

Column c. Deficiencies and Shortcomings.

a. When using one DA Form 2404 for more than one item of equipment, enter the serial or administration number for the item with the fault. Write the fault on the line below the serial or administration number.

b. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults on the DA Form 2404 that you have repaired. Continue the PMCS to ensure that no other faults exist.

c. Briefly describe uncorrected faults.

Column d. Corrective Action.

a. Explain corrective action taken.

b. For equipment needing a DA Form 2409, note repair work done and parts replaced. Put that information on the DA Form 2409. Print "DA Form 2409" in column d for those items.

c. If parts are needed, the PLL clerk will order them and enter the document numbers.

d. Faults that need support maintenance will go on a DA Form 2407. Print "DA Form 2407 (SPT)" in column d.

e. The commander's designated representative will decide what maintenance can be delayed. Faults that do not affect the operation of the equipment and the operator's safety can be deferred because:

(1) Support is backed up and cannot get to the equipment right away.

(2) The needed repair part is not on hand.

(3) Other reasons at the commander's discretion.

f. Faults that the commander's designated representative decides to defer go on the DA Form 2408-14. Print "DA Form 2408-14" in column d for those items.

Column e. Initial When Corrected.

a. The person taking the action or transferring the information initials other entries.

b. The initials will go on the last line of the entry.

c. For quality control, the inspector or commander's designated representative will check all corrected status symbol "X" faults to ensure proper repairs have been completed. If properly repaired, the inspector or the commander's designated representative will initial the status symbol.

(2) Nomenclature and Model.

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

(3) Registration/Serial/NSN.

- a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.
- b. For watercraft, enter the DA Hull Number.

(4a) Miles.

- a. Enter the miles or kilometers on the equipment's odometer as of the date in block 5.
- b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is kilometers.
- c. Leave blank if the item does not have an odometer.

(4b) Hours.

- a. Enter the meter reading in hours as of the date in block 5.
- b. Leave blank if hours do not apply to the equipment.

(4c) Rounds Fired. Leave blank.

(4d) Hot Starts. Leave blank.

(5) Date. Enter the calendar date.

(6) Type Inspection. Enter the letters "BDAR."

(7) TM Number and TM Date.

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second TM number and date block.

- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

(8a) Signature. When the repair or replacement has been accomplished, the person doing the job will sign name and enter rank.

(8b) Time. Leave blank or use as needed locally.

(9a) Signature. The maintenance supervisor or the commander's designated representative will sign name and rank. This is to ensure that when corrective actions are taken, no safety faults still exist that would endanger the operator or cause further damage to the equipment.

(9b) Time. Leave blank or use as needed locally.

(10) Man-Hours Required. Leave blank or use as needed locally.

Column a. TM Item Number. Leave blank.

Column b. Status. Leave blank.

Column c. Deficiencies and Shortcomings.

a. Briefly describe the fault.

b. If more than one deficiency or shortcoming is noted, leave enough room between entries to allow for corrective action taken to be annotated.

Column d. Corrective Action. Explain actions taken to correct or repair the fault. Note any parts replaced, parts ordered, and work done.

Column e. Initial When Corrected. The person taking the action initials here.

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION B Co 214 th Avn					2. NOMENCLATURE AND MODEL Trk Cgo 1/4T m398				
3. REGISTRATION/SERIAL/NSN 890/23		4a. MILES 23910	4b. HOURS	4c. ROUNDS FIRED	4d. HOT STARTS	5. DATE 11 Nov 92		6. TYPE INSPECTION ECOD	
7. APPLICABLE REFERENCE									
TM NUMBER Tm 9-2320-289-20			TM DATE Jan 88		TM NUMBER Tm 9-2320-289-34P			TM DATE Jan 87	
COLUMN a - Enter TM item number.					COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.				
COLUMN b - Enter the applicable condition status symbol.					COLUMN e - Individual ascertaining completed corrective action initial in this column.				
COLUMN c - Enter deficiencies and shortcomings.									
STATUS SYMBOLS									
"X"-Indicates a deficiency in the equipment that places it in an inoperable status.					DIAGONAL "/"-Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.				
CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.					LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.				
HORIZONTAL DASH "-"-Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					* FOR AIRCRAFT-Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection) John T. Usher, SGT 725 th Maint. Co. DAW78-7545			8b. TIME	8c. SIGNATURE (Maintenance Supervisor) Kevin Arbanas, 1LT 725 th Maint Co			8d. TIME	8e. MANHOURS REQUIRED	
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e	
	STEP 1	Technical Inspection							
1	/	tailgate crushed			replace			2.0	
2	/	rear bumper bent			repair			1.5	
3	/	R/s rear corner panel bent			replace			1.5	
4	/	left rear panel bent			replace			1.5	
5	/	left outer side panel bent			replace			1.5	
6	/	L/s tail light assy. broken			replace			1.0	
7	/	R/s tail light assy. broken			replace			1.0	
8	/	R/s rail assy. bent			replace			2.0	
9	/	L/s rail assy. torn			replace			2.0	
10	/	tailgate rail assy. bent			replace			2.5	
11	/	L/s door shell bent			replace			3.5	
	2	Date of Manufacture:			1978				
	3	Time Since New:			32,611 miles				
	4	Outstanding Modification Work Orders:			None				
	5	Total Manhours to Repair:			20 hrs				
	6	Total Man-hours Cost:			20 x 8.50 =			\$170.00	
	7	Maintenance Expenditure Limits:			TB 43-002-9				
	8	Repair Cost Factor:			25%				

DA FORM 2404
1 APR 78

Replaces edition of 1 Jan 84, which will be used

Figure 3-13. Sample of a completed DA Form 2404 used for ECOD

a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.

b. For watercraft, enter the DA Hull Number.

(4a) Miles.

a. Enter the miles or kilometers on the equipment's odometer as of the date in block 5.

b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is kilometers.

c. Leave blank if the item does not have an odometer.

(4b) Hours.

a. Enter the meter reading in hours as of the date in block 5.

b. Leave blank if hours do not apply to the equipment.

(4c) Rounds Fired. Enter the rounds fired as of the date in block 5. Leave blank if rounds fired does not apply to the equipment.

(4d) Hot Starts. Leave blank.

(5) Date. Enter the calendar date.

(6) Type Inspection. Enter the letters "ECOD."

(7) TM Number and TM Date.

a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second TM number and date block.

b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

(8a) Signature. Enter name, rank, duty phone number, signature, and organization of the inspector preparing the DA Form 2404.

(8b) Time. Leave blank or use as needed locally.

(9a) Signature. Enter name, grade, signature, and organization of the maintenance/ motor officer or commander's authorized representative.

(9b) Time. Leave blank or use as needed locally.

(10) Man-Hours Required. Leave blank or use as needed locally.

Note: In columns a, b, c, d, and e, enter required information as instructed in the following steps. If additional space is required, use an additional DA Form 2404.

Enter Step "1." Print "Technical Inspection."

Column a. TM Item Number. Enter the fault number.

Column b. Status. Enter the status symbol that applies to the fault.

Column c. Deficiencies and Shortcomings. Enter each fault detected during the technical inspection that requires repair or replacement to restore equipment serviceability.

Column d. Corrective Action. Enter the maintenance action (repair or replace) required to correct the fault entered in column c.

Column e. Initial When Corrected. Enter the man-hours required to correct the fault identified in column c.

Enter Step "2." Print "Date of Manufacture:" followed by the date the equipment was manufactured as shown on the equipment data plate or the date entered in block 11 of the item's DA Form 2408-9.

Enter Step "3." Print "Time Since New:" followed by the total (cumulative) miles or kilometers and hours on the equipment.

Enter Step "4." If an outstanding modification work order has not been applied to the equipment, print "Outstanding Modification Work Orders." List all applicable modifications that have not been accomplished. Next to each modification, enter the man-hours required to apply the MWO.

Enter Step "5." Print "Total Man-hours to Repair" followed by the total estimated man-hours required to restore the equipment serviceability.

Enter Step "6." Print "Total Man-hour Cost". In column d, enter total hours required to do the repair multiplied by the current local labor rate. In column e, enter total dollar cost.

Enter Step "7." Enter "Maintenance Expenditure Limits" followed by the applicable Technical Bulletin (TB).

Enter Step "8." Print "Repair Cost Factor" followed by the repair cost factor (percentage and dollar factor, if applicable) cited in the TB listed in step 7.

Enter Step "9." Print "Required Replacement Parts" followed by a listing of the parts (NSN, noun, qty, and cost) required to replace/ repair the item.

Enter Step "10." Print "Total Cost of Replacement Parts" followed in column e by the total cost of required replacement parts (Total of Step 9).

Enter Step "11." Print "Total Cost of Repairs" followed by the total of Step 6 and Step 10 entries. Enter total in column e.

(1) Do not enter a number if only one item is listed on the DA Form 2407.

(2) When more than one item is listed in block 12 of the DA Form 2407, enter that number.

(3) Enter the information from block 9 of the DA Form 2407.

(4) If further identification is required, enter the model.

(c) Work Requested By. Print the name of the unit or activity asking for the work. Get this information from block 1b of the DA Form 2407.

(d) Serial or USA Registration Number.

(1) Enter the numbers in block 11 of the DA Form 2407.

(2) If no serial or registration number is listed, enter the administration number or a locally assigned identification number.

(3) For watercraft, use the DA Hull number.

(4) You may use separate lines when more than one serial or registration number is on the DA Form 2407.

(e) Brief Description of Work or Remarks. Briefly describe the equipment fault or the action taken. Action includes MWO to be applied, one-time inspection, etc.

(f) Date Job Order Received. Enter the Julian date the request for maintenance came in.

(g) Started. Enter the Julian date the repair action started. **(h) Finished.** Enter the Julian date when the item was fixed.

(h) Man-Hours.

(1) Enter the total number of man-hours needed to do the repair. Block 28M of the DA Form 2407 gives you that information.

(2) Leave blank when the form is used at organization level.

(i) Labor. Leave blank or use as needed locally.

(j) Parts. Leave blank or use as needed locally.

(k) Total Cost of Job. Leave blank or use as needed locally.

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG			PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA			SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER WX3.WY.F	1b. CUSTOMER UNIT NAME 3 Co 214th AV	1c. PHONE NO 278-5419	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-ITDA	2b. UTILIZATION CODE Φ	2c. MCSR Y	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA					
5. TYPE MNT REQ CODE	6. ID A	7. NSN 3320000701616	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751 A		
8. MODEL M35A2	9. NOUN Trk Cgo 2/2T		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751 Φ99	16. MILES/KILOMETERS/HOURS/ROUNDS M 37,218 K R	
10a. ORG WONO/DOC NO WX3.WY.F.Φ3Φ3.2.1.1	10b. EIC 3.M.A	11. SERIAL NUMBER 17326	12. QTY Φ1	13. PD Φ.3	17. PROJECT CODE (If assigned)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			18. ACCOUNT PROCESSING CODE	19. IN WARRANTY (enter Y or N)	20. ADMIN NO (enter Y or N)
21. REIMBURSABLE CUSTOMER (If Intransit customer enter Y or N)			22. LEVEL OF WORK F	23. SIGNATURE Richard Hatch	
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Class III leak, steering gear box					
25. REMARKS					
PREPARATION INSTRUCTIONS FOR THIS PAGE					
<p>SECTION I</p> <p>Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-ITDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.</p> <p>SECTION II</p> <p>Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.</p> <p>SECTION III</p> <p>Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.</p>			<p>SECTION III (Cont'd)</p> <p>Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.</p>		
34a. SUBMITTED BY R. Hatch	35a. ACCEPTED BY	35c. DATE	<p>Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.</p>		
34b. DATE 13005	35b. STATUS	35d. TIME			

DA FORM 2407, JUL 94

RECEIPT COPY 1

Figure 3-15. Sample of a completed DA Form 2407 to request support maintenance

Legend for Figure 3-15:

Completion instructions for DA Form 2407 to request support maintenance

Section I-Customer Data.

Note: Blocks (BLK) 1, 5, 6, 7, 10a, 10b, 11,12, 13, 15, 16, 20, and 24

are mandatory if equipment is inoperable. Inoperable equipment is equipment that is NMC, in accordance with AR 700-138, a subsystem of a reportable weapon system, or command maintenance significant. (1a) UIC Customer. Enter the UIC of the customer that owns the equipment.

(1b) Customer Unit Name. Enter the name of the unit identified by the UIC in block 1a.

(1c) Phone number. Enter the phone number of the unit identified by the UIC in block 1a.

(2a) SAMS-2 UIC/SAMS-I/TDA. If intransit, enter UIC for SAMS-2 or SAMS-1 /TDA unit.

(2b) Utilization Code. Enter Utilization Code. See Appendix B.

(2c) MCSR Item. Print the word "yes" or the letter "Y" if the item is reported under AR 700-138. This also applies to components and subsystems of an item/system that is reportable. If not, leave this block blank.

Section II—Maintenance Activity Data. To be completed by support maintenance DSU/GSU/AVIM/DEPOT.

Section III—Equipment Data.

(5) Type MNT REQ Code. Enter the Type Maintenance Request Code. Appendix B, Table B-20, lists the codes.

(6) ID. Enter the Identification (ID) Code as shown below that identifies the type of number you will enter in Block 7.

A—National/NATO Stock Number.

C—Manufacturer's Code and Reference Number (Part Number).

D—Management Control Number (MCN).

P—Other Numbers.

(7) NSN. Enter the National Stock Number or appropriate number identified in block 6.

(8) Model. Enter model number.

(9) Noun. Enter noun nomenclature of item.

(10a) ORGWON/DOC NO. Enter organization work order number or organization document number. For assignment of organization work order number (ORGWON), see Paragraph 3-6c.

(10b) EIC. Enter the end item code (EIC). See AMDF.

(11) Serial Number.

a. Enter the serial number of the item in Block 9.

b. For nontactical wheeled vehicles, use the registration number.

c. For ammunition, use the lot number.

d. Leave blank if the form is used for more than one item.

e. Leave blank if the equipment has more than one serial number.

f. Mandatory entry if equipment is INOP.

(12) QTY. Enter the number of items. (Must be only one item listed if equipment is reportable under AR 700-138 and is NMC.)

(13) PD. Enter the Priority Designator. (See DA Pam 710-2-1).

(14) Malfunction Description. (DS, GS, AVIM, Depot Use.)

(15a) Failure Detected During/When Discovered Code.

a. Enter failure detected code from Table B-3 or When Discovered Code from DA Pam 738-751.

b. Leave blank if no failure occurred.

(15b) First Indication of Trouble/How Recognized Code. Enter first indication of trouble code from Table B-4 or How Recognized Code from DA PAM 738-751.

(16) Miles/ Kilometers/ Hours/Rounds. Enter the miles or kilometers from the odometer on the equipment beside the "M" or "K". Round to the nearest mile or kilometer. If the equipment has no odometer, leave blank. Enter the hour reading (to the nearest hour) beside the "H" from the hour meter mounted on the equipment. If the equipment has no meter, leave blank. Enter the total equivalent full charge (EFC) rounds fired beside the "R". See the item's DA Form 2408-4. If rounds do not apply to the equipment, leave blank.

(17) Project Code. Enter the project code if one has been assigned. If not, leave blank.

(18) Account Processing Code. Enter the Account Processing Code (APC) if required by your unit. The APC is a code prescribed locally for

costing and budget identification of customers and organizations (reference TM 38-711-13). If not required, leave blank.

(19) In Warranty? Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. If "Y", submit one work request for each serial numbered item.

(20) Admin Number. Enter the bumper number/materiel control number, or administrative number assigned to the item of equipment.

(21) Reimbursable Customer. For DSU/GSU/AVIM/ Depot use.

(22) Work Performed By. Enter code for level of work from Table B-24.

(23) Signature. The commander or the commander's designated representative will sign for all priority 01 through 10 requests. This signature approves the use of the PD.

(24) Describe Deficiencies or Symptoms.

a. Using the information in column "c" of DA Form 2404, briefly describe the fault or symptoms. For example, Print "Engine does not develop full power" or "Equipment uses two quarts of oil daily," etc. Do not ask for general or specific repair of parts to be replaced; for example, do not tell support to "replace the hydraulic system" or "repair as needed."

b. When the form is asking for work on more than one item with the same NSN, list the number of items, their serial numbers (if they have serial numbers), and anything else support will need. INOP equipment (equipment reported on the Materiel Condition Status Report), components/ subsystems of reportable equipment, or command maintenance significant equipment) must have its own separate forms.

c. When the form is for components or assemblies with a recoverability code of A, D, F, H, or L, give the end item NSN. Put the NSN on the last line of block 25. You will find recoverability codes in the RC code column on the Army Master Data File (AMDF). You will also find the codes listed as part of the item's Source, Maintenance, and Recoverability (SMR) code in the parts manual.

d. If you need more room, use a DA Form 2407-1.

e. When the form is requesting standard repair after a battle—damage expedient has been applied, print "BDAR" in bold letters before describing the fault or symptoms. NOTE: The end item's BDAR TM and AR 750-1 describe when and how BDAR repairs will be made.

(25) Remarks.

a. When the item in block 7 needs "onsite" or "deferred" maintenance, support will note that action here. Shop office NCO will make one of these entries for onsite or deferred work:

(1) Maintenance request received on (date), signature of shop office NCO.

(2) Onsite repair scheduled for (date), signature of shop office NCO.

(3) Owner to return item on (date) for repair, signature of shop office NCO.

b. Block 35a will be filled in by support only when the onsite repair is started or the deferred item is brought back to support.

c. The receipt copy will be sent to the support unit. The owning unit keeps all other copies until the onsite repair is started or deferred item is taken back to support.

Section VII. Action Signatures.

(34a) Submitted By. The person sending in the DA Form 2407 enters first initial and last name in this block.

(34b) The person signing the forms enters the original ordinal date the form was given to support.

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)					
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA							
1a. UIC CUSTOMER W X 3 W Y F 3 Co	1b. CUSTOMER UNIT NAME 214 th AV	1c. PHONE NO 278-5419	3a. WORK ORDER NUMBER (WON) CDRRAA 212345	3b. SHOP A	3c. PHONE NO 278-7920						
2a. SAMS-2 UIC/SAMS-UTDA	2b. UTILIZATION CODE Φ	2c. MCSR Y	4a. UIC SUPPORT UNIT W X 3 A B C A Co	4b. SUPPORT UNIT NAME 532 nd Maint							
SECTION III - EQUIPMENT DATA				SECTION IV - TASK REQUIREMENTS DATA							
5. TYPE MNT REQ CODE 1	6. ID A	7. NSN 2320000791616	15a. FAILURE DETECTED DURING WHEN DISCOVERED CODE (Enter code) See 738-750 and 738-751 A		16a. MILES/KILOMETERS/HOURS/ROUNDS M 37218 K R						
8. MODEL M35A2	9. NOUN TRK Cgo 2 1/2 T		15b. FIRST INDICATION OF TROUBLE NOW RECOGNIZED CODE (Enter Code) See 738-750 and 738-751 Φ99		16b. MILES/KILOMETERS/HOURS/ROUNDS H 485 R						
10a. ORG WON/DOC NO X 3 W Y F 3 Co 3211	10b. EIC BMA		17. PROJECT CODE Φ99	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (Enter Y or N)	20. ADMIN NO N 1025					
11. SERIAL NUMBER 17326	12. QTY Φ1	13. PD Φ3	21. REIMBURSABLE CUSTOMER (If Intransit customer enter Y or N)		22. LEVEL OF WORK F						
14. MALFUNCTION DESCRIPTION (for DSU, GSNVMM, DEPOT use) Class 3 steering gear			23. SIGNATURE Richard Hatch								
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Class III leak, steering gear box											
25. REMARKS											
26. TECHNICAL REFERENCES TM 9-2320-209-34											
SECTION V - PART REQUIREMENTS											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP			
A	T11	F	Initial Inspection	Φ1	InsP		105	105			
A	A11	A	Replace steering gear	Φ1	Auto	318.1	8	610.5			
A	T21	G	Final Inspection	Φ1	InsP		105	105			
SECTION VI - COMPLETION DATA											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
A	A11	A	2320000791616	1	Φ1	Φ1	N	318.1	12-31	WR	3500
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					
7.5			7.5011Φ			3.5ΦΦΦ					
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY R. Hatch		35a. ACCEPTED BY C. Daniels		35c. DATE 93005		36a. WORK STARTED BY R. Parker		37a. INSPECTED BY C. Daniels		38a. PICKED UP BY R. Henderson	
34b. DATE 93005		35b. STATUS A		35d. TIME 1000		36b. STATUS 3		36c. DATE 93007		36d. TIME 0800	
37b. STATUS F		37c. DATE 93008		37d. TIME 0915		38b. STATUS U		38c. DATE 93008		38d. TIME 1315	

Figure 3-16. Sample of a completed DA Form 2407 to show work done at support maintenance

Legend for Figure 3-16:

Completion instructions for DA Form 2407 to show work done at support maintenance

Page No. Enter the page number when all needed entries are in Sections IV-VII. Enter page numbers as required.

No of Pages. Enter the total number of pages used when entries are in Sections IV-VII. Enter page numbers as required.

Section I-Customer Data. This section will be filled in by the unit requesting the support maintenance.

Section II-Maintenance Activity Data

(3a) Work Order Number (WON). Enter WON (see paragraph 3–6c for assignment of WONs).

(3b) Shop. Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A through Z are assigned locally by each maintenance battalion operating SAMS. Examples: A=Automotive Shop, B=Battery Shop, C=Commo Shop, etc.

(3c) Phone No. Enter the phone number of the Maintenance Activity.

(4a) UIC Support Unit. Enter the UIC of the Maintenance Activity.

(4b) Support Unit Name. Enter the unit name of the Maintenance Activity.

Section III—Equipment Data.

(14) Malfunction Description (For DSU/GSU Use). Enter a short description of the problem (16 position entry.)

(21) Reimbursable Customer. Enter “Y” if the customer must pay for maintenance cost.

(25) Remarks.

a. When the item in block 7 needs “onsite” or “deferred” maintenance, shop office NCO will make one of these entries:

(1) Maintenance request received on (date), signature of shop office NCO.

(2) Onsite repair scheduled for (date), signature of shop office NCO.

(3) Owner to return item on (date) for repair, signature of shop office NCO.

b. Block 35a. Will be filled in only when the onsite repair is started or the deferred item is brought back.

c. Print “ORF candidates” when an ORF asset will be issued or would have been issued if a serviceable ORF asset was available.

(26) Technical References. Enter the reference TM or technical publication.

Section IV—Task Requirements Data. This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment; or a task management to allow the capturing of man–hours expended on equipment. The task sequence number is not to be confused with work request status code changes.

(27a) File Input Act CD. Enter file Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

(27b) Task No. Enter the Task Number. How to use this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follow.

a. A single task (e.g., task number 1) for all work needed to be done.

b. A task for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

c. A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the Automotive Section and tasks S1 and S2 for the service section.

(27c) Act Code. Enter Action Code. Table B–5 lists the action codes.

(27d) Task Description. Enter brief description of task to be accomplished.

(27e) Qty To Be Rpr. Enter number of items to be repaired.

(27f) Work Center. Enter the Work Center Code of the shop that will do the task. (See Unit SOP.)

(27g) Failure Code. Enter the Failure Code. Table B–1 lists the failure codes.

(27h) MH Proj. Enter number of man–hours projected to accomplish the task. (Add Total Man–hours Block.)

(27i) MH EXP. After completion, enter number of man–hours actually expended to accomplish the task.

Section V—Part Requirements.

(28a) File Input Act CD. Enter the File Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

(28b) Task No. Enter Task Number from Block 27 which granted the part requirement.

(28c) ID No. Enter Identifying Number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer’s Code and Reference Number.

D—Management Control Number.

P—Other numbers.

(28d) NSN or Part Number. Enter National Stock Number, Manufacturer’s Part Number, or other number, as identified in Block 28c, for the required part.

(28e) SFX CD. If applicable, enter Suffix Identification Code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN), when adding the same NSN to a file. It enables the operator to bypass edits that normally would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, 0–9 are the allowed entries.)

(28f) Qty Rqd. Enter quantity of part(s) required.

(28g) Qty Issued. When part(s) is issued to mechanic, enter quantity of part(s) issued.

(28h) NMCS Cd. If failure to get a part caused the item to become NMCS, enter “Y”(YES). If item will not become NMCS, enter “N”(NO).

(28i) Failure Code. Enter the Failure Code. Table B–1 lists the failure codes.

(28j) Storage Location. If ASL item, enter Storage Location Code.

(28k) Initials. Enter initials of ASL clerk releasing part to mechanic.

(28l) Cost. Enter total cost. Example, multiply 28g by AMDF unit price and enter total (i.e., \$50x3 = \$150).

(28m) Total Man–hours. Enter total of man–hours of block 27 from all pages (DA Forms 2407 and 2407–1.)

(28n) Total Man–hours Cost. Enter total man–hour cost. You get this figure by multiplying the current local labor rate times the total number of man–hours used in 28m.

(28o) Total Parts Cost. Enter total cost of blocks 281 on all pages (DA Forms 2407 and 2407–1.)

Section VI—Completion Data.

(29) Qty Rpr. Enter quantity of items repaired.

(30) Qty Condemn. Enter quantity of items condemned.

(31) Qty NRTS. Enter quantity of items not repairable at the repair activity.

(32) Evac WON. If item is evacuated, enter Work Order Number assigned by receiving maintenance unit.

(33) Evac Unit Name. Enter name of unit to whom item is evacuated.

Section VII—Action Signatures.

(35a) Accepted By. The person accepting the work request enters first initial and last name in this block.

(35b) STATUS. Enter the work request status code. Appendix B, Table B–21, lists these codes.

(35c) Date. Enter ordinal date accepted (YYDDD).

(35d) Time. Enter the military time that the work was started.

(36a) Work Started By. The person assigned the work enters first initial and last name in this block.

(36b) STATUS. Enter the completed work request status code. Appendix B lists these codes.

(36c) Date. Enter the ordinal date the work was completed (YYDDD).

(36d) Time. Enter the military time that the inspection was completed.

(37a) Inspected By. The person clearing the work enters first initial and last name in this block.

(37b) Status. Enter the work request status code. Appendix B lists these codes.

(37c) Date. Enter the ordinal date the inspection was completed.

(37d) Time. Enter the military time that the inspection was completed.

(38a) Picked Up By. The person picking up the equipment for the owner enters first initial and last name in this block.

(38b) STATUS. The support maintenance clerk enters work request

status code "U"(picked up). Appendix B lists work request status codes.

(38c) Date. Enter the ordinal date the equipment was picked up.

(38d) Time. Enter the military time that the equipment was picked up.

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG			PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA			SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER WX3BFC	1b. CUSTOMER UNIT NAME 42d Maint Co	1c. PHONE NO 632-1215	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE 0	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA					
5. TYPE MNT REQ CODE 2	6. ID A	7. NSN 2320011077155	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL M998	9. NOUN Trk Utl Cgo MHT		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751	16. MILES/KILOMETERS/HOURS/ROUNDS M 7315 K	
10a. ORG WONO/DOC NO X3BFC03000311	10b. EIC R080		17. PROJECT CODE	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N) N
11. SERIAL NUMBER 132176	12. QTY 1	13. PD 13	20. ADMIN NO	21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N) N	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			22. LEVEL OF WORK F	23. SIGNATURE Matthew J. Spurlink	
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Apply MWO 9-2320-290-30-2					
25. REMARKS					
PREPARATION INSTRUCTIONS FOR THIS PAGE					
<p>SECTION I</p> <p>Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.</p> <p>SECTION II</p> <p>Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.</p> <p>SECTION III</p> <p>Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.</p>			<p>SECTION III (Cont'd)</p> <p>Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.</p>		
34a. SUBMITTED BY C. Gainhart	35a. ACCEPTED BY	35c. DATE	<p>Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDD). Block 35d. Enter military time.</p>		
34b. DATE 93025	35b. STATUS	35d. TIME			

DA FORM 2407, JUL 94

RECEIPT COPY 1

Figure 3-17. Sample of a completed DA Form 2407 to request an MWO

Legend for Figure 3-17:

Completion instructions for DA Form 2407 to request an MWO

Section I-Customer Data.

Note: Blocks (BLK) 1, 5,6,7, 10a, 10b, 11,12,13,15,16,20, and 24 are

mandatory if equipment is inoperable. Inoperable equipment is equipment that is NMC, in accordance with AR 700-138, a subsystem of a reportable weapon system, or command maintenance significant.

(1a) UIC Customer. Enter the UIC of the customer that owns the equipment.

(1b) Customer Unit Name. Enter the name of the unit identified by the UIC in block 1a.

(1c) Phone No. Enter the phone number of the unit identified by the UIC in block 1a.

(2a) SAMS-2 UIC/SAMS4/TDA. If in transit, enter UIC for SAMS-2 or SAMS-1/TDA unit.

(2c) Utilization Code. Enter Utilization Code. See Appendix B.

(2c) MCSR Item. Print the word "yes" or the letter "Y" if the item is reported under AR 700-138. This also applies to components and subsystems of an item/system that is reportable. If not, leave this block blank.

Section II—Maintenance Activity Data. To be completed by support maintenance DSU/GSU/AVIM/DEPOT.

Section III—Equipment Data.

(5) Type Mnt Req Code. Enter the Type Maintenance Request Code. Appendix B, Table B-20, lists the codes.

(6) ID. Enter the Identification (ID) Code as shown below that identifies the type of number you will enter in Block 7.

A—National/NATO Stock Number.

C—Manufacturer's Code and Reference Number (Part Number).

D—Management Control Number (MCN).

P—Other Numbers.

(7) NSN. Enter the National Stock Number or appropriate number identified in block 6. NOTE: When applying an MWO to a component, put the end item's NSN in this block.

(8) Model. Enter model number.

(9) Noun. Enter noun nomenclature of item.

(10a) ORGWON/DOC NO. Enter organization work order number or organization document number. For assignment of organization work order number (ORGWON), see Paragraph 3-6c.

(10b) EIC. Enter the end item code (EIC). See AMDF.

(11) Serial Number.

a. Enter the serial number of the item in Block 9.

b. For nontactical wheeled vehicles, use the registration number.

c. For ammunition, use the lot number.

d. For watercraft, use DA Hull number.

e. Leave blank if the form is used for more than one item.

f. Leave blank if equipment has more than one serial number.

g. Mandatory entry if equipment is INOP.

(12) Qty. Enter the number of items. (Must be only one item listed if equipment is reportable under AR 700-138 and is NMC.)

(13) PD. Enter the Priority Designator. (See DA Pam 710-2-1).

(14) Malfunction Description. (DS, GS, AVIM, Depot Use.)

(15a) Failure Detected During/When Discovered Code. Leave blank.

(15b) First Indication of Trouble/How Recognized Code. Leave blank.

(16) Miles/Kilometers/Hours/Rounds. Enter the miles or kilometers from the odometer on the equipment beside the "M" or "W". Round to the nearest mile or kilometer. If the equipment has no odometer, leave blank. Enter the hour reading (to the nearest hour) beside the "H" from the hour meter mounted on the equipment. If the equipment has no meter, leave blank. Enter the total equivalent full charge (EFC) rounds fired beside the "R". See the item's DA Form 2408-4. If rounds do not apply to the equipment, leave blank.

(17) Project Code. Enter the project code if one has been assigned. If not, leave blank.

(18) Account Processing Code. Enter the Account Processing Code (APC) if required by your unit. The APC is a code prescribed locally for costing and budget identification of customers and organizations (reference TM 38-711-13). If not required, leave blank.

(19) In Warranty? Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. If "Y", submit one work request for each serial numbered item.

(20) Admin Number. Enter the bumper number/material control number, or administrative number assigned to the item of equipment.

(21) Reimbursable Customer. For DSU/GSU/AVIM/Depot use.

(22) Level of Work. Enter code for level of work from Table B-24.

(23) Signature. The commander or the commander's designated representative will sign for all priority 01 through 10 requests. This signature approves the use of the PD.

(24) Describe Deficiencies or Symptoms.

a. Enter the MWO numbers. If more than one MWO is listed, make sure all the MWOs apply to each component or end item covered by the form.

b. Give the serial number of each component or end item you have that needs those MWOs.

c. If you need more room, use a DA Form 2407-1.

(25) Remarks. Use as needed locally or as prescribed by local SOP.

Section VII. Action Signatures.

(34a) Submitted By. The person sending in the DA Form 2407 enters first initial and last name in this block.

(34b) Date. The person signing the forms enters the original ordinal date the form was given to support maintenance.

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R7)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER W X 3 B F C	1b. CUSTOMER UNIT NAME 42d Maint Co	1c. PHONE NO 632-1215	3a. WORK ORDER NUMBER (WOW) C D R A A A 2 1 2 3 4 5	3b. SHOP A	3c. PHONE NO 632-1835		
2a. SAMS-2 UIC/SAMS-1/DA φ		2b. UTILIZATION CODE φ	2b. MCSR φ	4a. UIC SUPPORT UNIT W X 3 B F C		4b. SUPPORT UNIT NAME A Co 710 th Maint Bn	
SECTION III - EQUIPMENT DATA				SECTION IV - TASK REQUIREMENTS DATA			
5. TYPE MNT REQ CODE 2	6. ID A	7. NSN 2320011631245	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) Seq 738-750 and 738-751		16a. MILES/KILOMETERS/HOURS/ROUNDS M 7315 K		
8. MODEL M999		9. NOUN TRK 42d Co 114T		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) Seq 738-750 and 738-751		16b. MILES/KILOMETERS/HOURS/ROUNDS H R	
10a. ORG WOV/DOC NO X 3 B F C φ φ φ φ 3 1 1		10b. EIC R 5 1 0		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	
11. SERIAL NUMBER 132716		12. QTY φ		13. PD 113		19. IN WARRANTY? (enter Y or N) N	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				21. REIMBURSABLE CUSTOMER (if intrasuit customer enter Y or N) N		20. ADMIN NO	
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)				22. LEVEL OF WORK F		23. SIGNATURE Matthew Spurlack	
25. REMARKS Apply MWO 9-2320-290-30-2							
26. TECHNICAL REFERENCES							
SECTION V - PART REQUIREMENTS							
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MM PROJ
A	11	F	Initial Inspection	φ	Insp		5
A	11	H	Apply mwo 280 30 2	φ	Auto		1
A	12	G	Final Inspection	φ	Insp		5
SECTION VI - COMPLETION DATA							
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD
A	11	A	2320011631245		φ	φ	N
A	11	A		2	φ	φ	N
28m. TOTAL MANHOURS 2		28n. TOTAL MANHOURS COSTS \$		28o. TOTAL PARTS COSTS \$			
SECTION VII - ACTION SIGNATURES							
34a. SUBMITTED BY C. Gairhart		35a. ACCEPTED BY M. Reso		36a. WORK STARTED BY S. Powell		37a. INSPECTED BY M. Reso	
34b. DATE 93025		35b. STATUS A		36b. DATE 93028		37b. STATUS F	
34c. TIME φ A φ φ		35c. DATE 93025		36c. DATE 93028		37c. DATE 93028	
34d. TIME φ A φ φ		35d. TIME φ A φ φ		36d. TIME φ A φ φ		37d. TIME φ A φ φ	
34e. DATE 93025		35e. STATUS A		36e. DATE 93028		37e. STATUS U	
34f. TIME φ A φ φ		35f. DATE 93025		36f. DATE 93028		37f. DATE 93028	

Figure 3-18. Sample of a completed DA Form 2407 to report an MWO done at support maintenance

Legend for Figure 3-18:
Completion instructions for DA Form 2407 to report an MWO done at support maintenance

Page No. Enter the page number when all needed entries are in Sections IV-VII. Enter page numbers as required.

No of Pages. Enter the total number of pages used when entries are in Sections IV-VI. Enter page numbers as required.

Section I—Customer Data. This section will be filled in by the unit requesting the support maintenance.

SECTION II—Maintenance Activity Data.

(3a) Work Order Number (WON). Enter WON (see paragraph 3–6c for assignment of WONs).

(3b) Shop. Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A through Z are assigned locally by each maintenance battalion operating SAMS. Examples: A =Automotive Shop, B =Battery Shop, C =Commo Shop, etc.

(3c) Phone No. Enter the phone number of the Maintenance Activity.

(4a) UIC Support Unit. Enter the UIC of the Maintenance Activity.

(4b) Support Unit Name. Enter the unit name of the Maintenance Activity.

SECTION III—Equipment Data.

(14) Malfunction Description (For DSU/GSU Use). Leave blank.

(21) Reimbursable Customer. Enter “Y” if the customer must pay for maintenance cost.

(25) Remarks. Use as needed locally or as prescribed by SOP.

(26) Technical References. Enter the referenced TM or technical publication.

SECTION IV—Task Requirements Data. This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment; or a task management to allow the capturing of man–hours expended on equipment. The task sequence number is not to be confused with work order request status code changes.

(27a) File Input Act CD. Enter the file input action code.

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

(27b) Task No. Enter the task number. The use of this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follows.

(a) Single task (e.g., task number 1) for all work needed to be done.

(b) A task number for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

(c) A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the automotive section and tasks S1 and S2 for the service section.

(27c) Act Code. Enter Action Code. Table B–5 lists the action codes.

(27d) Task Description. Enter brief description of task to be accomplished.

(27e) Qty To Be Rpr. Enter number of items to be repaired or leave blank.

(27f) Work Center. Enter the Work Center Code of the shop that will do the task. (See Unit SOP.)

(27g) Failure Code. Leave blank.

(27h) MH Proj. Enter number of man–hours projected to accomplish the task.

(27i) MH EXP. After completion, enter number of man–hours actually expended to accomplish the task.

SECTION V—Part Requirements.

(28a) File Input Act CD. Enter the File Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

(28b) Task No. Enter Task Number from block 27b which granted the part requirement.

(28c) ID No. Enter Identifying Number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer’s Code and Reference Number.

D—Management Control Number.

P—Other Numbers.

(28d) NSN or Part Number. Enter National Stock Number, Manufacturer’s Part Number, or other number, as identified in block 28c, for the required part.

(28e) SFX CD. It applicable, enter Suffix Identification Code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN), when adding the same NSN to a file. It enables the operator to bypass edits that normally it would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, 0–9 are the allowed entries.)

(28f) Qty Rqd. Enter quantity of parts required.

(28g) Qty Issued. When part(s) is issued to mechanic, enter quantity of part(s) issued.

(28h) NMCS CD. If failure to get a part caused the item to become NMCS, enter “Y”(YES). If item will not become NMCS, enter “N” (NO).

(28i) Failure Code. Leave blank.

(28j) Storage Location. If SSL item, enter Storage Location Code. If not, leave blank.

(28k) Initials. Enter initials of SSL clerk releasing parts to mechanic.

(28l) Cost. Leave blank or use as needed locally.

(28m) Total Man–hours. Enter total of man–hours of block 27 from all pages (DA Forms 2407 and 2407–1.)

(28n) Total Man–hours Cost. Leave blank or use as needed locally.

(28o) Total Parts Costs. Leave blank or use as needed locally.

SECTION VII—Action Signatures.

(35a) Accepted By. The person accepting the work request enters first initial and last name in this block.

(35b) STATUS. Enter the work request status code. Appendix B, Table B–21, lists these codes.

(35c) Date. Enter ordinal date accepted (YYDDD).

(35d) Time. Enter the military time that the work was started.

(36a) Work Started By. The person assigned the work enters first initial and last name in this block.

(36b) Status. Enter the completed work request status code. Appendix B lists these codes.

(36c) Date. Enter the ordinal date the work was completed (YYDDD).

(36d) Time. Enter the military time that the inspection was completed.

(37a) Inspected By. The person clearing the work enters first initial and last name in this block.

(37b) Status. Enter the work request status code. Appendix B lists these codes.

(37c) Date. Enter the ordinal date the inspection was completed.

(37d) Time. Enter the military time that the inspection was completed.

(38a) Picked Up By. The person picking up the equipment for the owner enters first initial and last name in this block.

(38b) Status. The support maintenance clerk enters work request status code “U”(picked up). Appendix B lists work request status codes.

(38c) Date. Enter the ordinal date the equipment was picked up.

(38d) Time. Enter the military time that the equipment was picked up.

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)					
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA							
1a. UIC CUSTOMER W.Y.3.B.F.C	1b. CUSTOMER UNIT NAME 42d Maint Co	1c. PHONE NO 273-9131	3a. WORK ORDER NUMBER (WON) CDR.A.A.A.212345	3b. SHOP A	3c. PHONE NO 272-4003						
2a. SAMS-2 UIC/SAMS-1/DA φ		2b. UTILIZATION CODE φ	2c. MCSR Y	4a. UIC SUPPORT UNIT W.C.D.R.A.A		4b. SUPPORT UNIT NAME A Co 710th Maint Bn					
SECTION III - EQUIPMENT DATA											
5. TYPE MNT REQ CODE A	6. ID A	7. NSN 232000579894φ		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See 738-750 and 738-751 H							
8. MODEL M35A2			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See 738-750 and 738-751 φ77		16a. MILES/KILOMETERS/HOURS/ROUNDS M 52,31φ		K				
9. NOUN Trk Co 212T					H 712		R				
10a. ORG WON/DOC NO W.Y.3.B.F.C φ φ φ φ φ		10b. EIC B.M.A		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE					
11. SERIAL NUMBER 38412		12. QTY φ		13. PD 113		19. IN WARRANTY? (enter Y or N) N					
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				21. REIMBURSABLE CUSTOMER (if Intranet customer enter Y or N) N		20. ADMIN NO 313					
				22. LEVEL OF WORK F		23. SIGNATURE Mark Carlson					
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Request ECOD											
25. REMARKS Total Cost of ECOD \$821.86											
26. TECHNICAL REFERENCES TM 9-232φ-2φ9-34P											
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP			
A	11	F	Initial Inspection		Inspr	7117		1105			
A	13	A	Check damaged area		Inspr	7117		1105			
A	12	G	Final Inspection		Inspr	7117		1105			
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMACS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS 2φ											
28n. TOTAL MANHOURS COSTS \$				28o. TOTAL PARTS COSTS \$							
1,71φ.φ.φ				651.86							
SECTION VI - COMPLETION DATA											
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME			
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY L. Daniels		35a. ACCEPTED BY Q. Spauld		35c. DATE 93210		36a. WORK STARTED BY S. Beore		37a. INSPECTED BY Q. Spauld		38a. PICKED UP BY L. Daniels	
34b. DATE 93210		35b. STATUS A		35d. TIME 1000		36b. STATUS E		37c. DATE 93211		38b. TIME φ800	
34c. DATE 93210		35b. STATUS A		35d. TIME 1000		36b. STATUS E		37c. DATE 93212		38b. TIME 1500	

Figure 3-19. Sample of a completed DA Form 2407 used for ECOD

Legend for Figure 3-19:

Completion instructions for DA Form 2407 for estimated cost of damage (ECOD)

Page No. Enter the page number when all needed entries are in Sections IV-VII Enter page numbers as required.

No. of Pages. Enter the total number of pages used when entries are in Sections IV-VII. Enter page numbers as required.

SECTION I—Customer Data. This section will be filled in by the unit requesting the support maintenance. (See Figure 3-15.)

SECTION II—Maintenance Activity Data.

(3a) Work Order Number (WON). Enter WON (see paragraph 3–6c for assignment of WONs).

(3b) Shop. Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A through Z are assigned locally by each maintenance battalion operating SAMS. Examples: A =Automotive Shop, B =Battery Shop, C =Commo Shop, etc.

(3c) Phone No. Enter the phone number of the Maintenance Activity.

(4a) UIC Support Unit. Enter the UIC of the Maintenance Activity.

(4b) Support Unit Name. Enter the unit name of the Maintenance Activity.

SECTION III—Equipment Data.

Items 5–13 and 15–23 to be filled out by requesting unit. (See Figure 3–15.)

(14) Malfunction Description (For DSU/GSU Use). Leave blank.

(24) Describe Deficiencies or Symptoms Print “Request ECOD.”

(25) Remarks. Print “Total Cost of ECOD.” Figures from blocks 28n and 28o will be added and put in this block.

(26) Technical References. Enter the reference TM or technical publication.

SECTION IV—Task Requirements Data. This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment; or a task management to allow the capturing of man hours expended on the equipment. The task sequence number is not to be confused with work order request status code changes.

(27a) File Input Act CD. Enter file input action code.

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

(27b) Task No. Enter the task number. The use of this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follows:

(a) Single task (e.g., task number 1) for all work needed to be done.

(b) A task for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

(c) A task for each action specified to be done by inspectors. The task number can be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the automotive section and tasks S1 and S2 for the service section.

(27c) Act Code. Enter Action Code. Table B–5 lists these codes.

(27d) Task Description. Enter brief description of task to be accomplished.

(27e) Qty To Be Rpr. Enter number of items to be repaired or leave blank.

(27f) Work Center. Enter the Work Center Code of the shop that will do the task. (See unit SOP.)

(27g) Failure Code. Leave blank.

(27h) MH Proj. Enter number of man–hours projected to accomplish the task.

(27i) MH Exp. After completion, enter number of man–hours actually expended to accomplish the task.

SECTION V—Part Requirements. Note: Leave items 28a–28l blank or use as needed locally.

(28m) Total Man–hours. Enter total man–hours from DA Form 2404, Step 5. (See Figure 3–13, Preparation instructions for preparing DA Form 2404 for ECOD.)

(28n) Total Man–hour Costs. Enter total man–hour costs from DA Form 2404, Step 6. (See Figure 3–13, Preparation instructions for preparing DA Form 2404 for ECOD.)

(28o) Total Parts Costs. Enter total parts costs from DA Form 2404, Step 10. (See figure 3–13, Preparation instructions for preparing DA Form 2404 for ECOD.)

Note: (Blocks 28n and 28o will be added and put in Block 25 by “Total Cost of ECOD.”)

SECTION VI—Completion Data.

(29) Qty Rpr. Leave blank.

(30) City Condemn. Leave blank.

(31) City NRTS. Leave blank.

(32) Evac WON. Leave blank.

(33) Evac Unit Name. Leave blank.

SECTION VII—Action Signatures.

(35a) Accepted By. The person accepting the work request enters first initial and last name in this block.

(35b) Status. Enter the work request status code. Appendix B, Table B–21, lists these codes.

(35c) Date. Enter ordinal date accepted (YYDDD).

(35d) Time. Enter the military time that the work was started.

(36a) Work Started By. The person assigned the work enters first initial and last name in this block.

(36b) Status. Enter the completed work request status code. Appendix B lists these codes.

(36c) Date. Enter the ordinal date the work was completed (YYDDD).

(36d) Time. Enter the military time that the inspection was completed.

(37a) Inspected By. The person clearing the work enters first initial and last name in this block.

(37b) Status. Enter the work request status code. Appendix B lists these codes.

(37c) Date. Enter the ordinal date the inspection was completed.

(37d) Time. Enter the military time that the inspection was completed.

(38a) Picked Up By. The person picking up the equipment for the owner enters first initial and last name in this block.

(38b) Status. The support maintenance clerk enters work request status code “U”(picked up). Appendix B lists work request status codes.

(38c) Date. Enter the ordinal date the equipment was picked up.

(38d) Time. Enter the military time that the equipment was picked up.

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)					
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA						
1a. UIC CUSTOMER WX3B.FC	1b. CUSTOMER UNIT NAME 42d Maint Co	1c. PHONE NO 645-9727	3a. WORK ORDER NUMBER (WON) ACDRAA212345	3b. SHOP A	3c. PHONE NO 645-9918						
2a. SAMS-2 UIC/SAMS-VTDA	2b. UTILIZATION CODE Φ	2b. MCSR Y	4a. UIC SUPPORT UNIT WX3B.Y.F	4b. SUPPORT UNIT NAME ACo 710th Maint Bn							
SECTION III - EQUIPMENT DATA											
5. TYPE MNT REQ CODE A	6. ID A	7. NSN 2320011077155	15a. FAILURE DETECTED DURING WHEN DISCOVERED CODE (Enter code) See 738-750 and 738-751								
8. MODEL M998	9. NOUN Trk U11 Cgo 112T		15b. FIRST INDICATION OF TROUBLE HOW RECOGNIZED CODE (Enter Code) See 738-750 and 738-751		16a. MILES/KILOMETERS/HOURS/ROUNDS M 358 K						
10a. ORG WON/DOC NO X3B.FC.Φ30ΦΦ311	10b. EIC B.B.D	11. SERIAL NUMBER 132152		12. QTY Φ1	13. PD Φ3	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO Y 15		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVM, DEPOT use) Neutral, Road, Bient			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK F						
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Shifts hard, linkage bent, neutral red too short, Field opns. Factory installed neutral red that is too short.			23. SIGNATURE Robert Hebert								
25. REMARKS start date: Jan 92 Ted Colburn DSN 645-9694 WX3BFA Contract #DAAGΦ95-C126											
26. TECHNICAL REFERENCES											
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MM PROJ	27i. MM EXP			
A	A1	F	Initial Inspection	Φ1	Insp.			5	5		
A	A1	A	Replace Rod	Φ1	Auto.	381		1	1		
A	A2	G	Final Inspection	Φ1	Insp.			5	5		
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
A	A1	A	23200151Φ2538	1	Φ1	Φ1	N	381	15-11Φ	RS	58.1Φ
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$	28o. TOTAL PARTS COSTS \$							
2			15.3Φ	58.1Φ							
SECTION VI - COMPLETION DATA											
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME			
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY R. Spurlin		35a. ACCEPTED BY M. Powell		35c. DATE 9.30.15		36a. WORK STARTED BY M. Carlson		37a. INSPECTED BY M. Powell		38a. PICKED UP BY R. Spurlin	
34b. DATE 9.30.15	35b. STATUS A	35d. TIME 1000	36b. STATUS B	36c. DATE 9.30.16	36d. TIME Φ815	37b. STATUS F	37c. DATE 9.30.15	37d. TIME 1520	38b. STATUS U	38c. DATE 9.30.17	38d. TIME 1630

DA FORM 2407, JUL 84

FILE COPY 5

Figure 3-20. Sample of a completed DA Form 2407 used for warranty claim actions

Legend for Figure 3-20:

Completion instructions for DA Form 2407 for warranty claim actions (WCA)

SECTION I—Customer Data.

Note: Blocks (BLK) 1, 5, 6, 7, 10a, 10b, 11, 12, 13, 15, 16, 20, and 24

are mandatory if equipment is inoperable. Inoperable equipment is equipment that is NMC, in accordance with AR 700-138, a subsystem of a reportable weapon system, or command maintenance significant. (1a) UIC Customer. Enter the UIC of the customer that owns the equipment.

(1b) Customer Unit Name. Enter the name of the unit identified by the UIC in block 1a.

(1c) Phone No. Enter the phone number of the unit identified by the UIC in block 1a.

(2a) SAMS-2 UIC/SAMS-I/TDA. If in transit, enter the UIC of the SAMS-2 or SAMS-I/TDA unit.

(2b) Utilization Code. Enter Utilization Code. See Appendix B.

(2c) MCSR Item. Print the word "Yes" or the letter "Y" if the item is reported under AR 700-138. This also applies to components and subsystems of an item/system that is reportable. If not, leave this block blank.

SECTION II—Maintenance Activity Data. To be completed by support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III—Equipment Data.

(5) Type Mnt Req Code. Enter the Type Maintenance Request Code. Appendix B, Table B-20, lists the codes.

(6) ID. Enter the Identification (ID) Code as shown below that identifies the type of number you will enter in Block 7:

A—National/NATO Stock Number.

C—Manufacturer's Code and Reference Number (Part Number).

D—Management Control Number (MCN).

P—Other Numbers.

(7) NSN. Enter the National Stock Number or appropriate number identified in Block 6.

(8) Model. Enter model number.

(9) Noun. Enter noun nomenclature of item.

(10a) ORGWON/DOC NO. Enter organization work order number or organization document number. For assignment of organization work order number (ORGWON), see Paragraph 3-46c.

(10b) EIC. Enter the end item code (EIC). See AMDF.

(11) Serial Number.

a. Enter the serial number of the item in Block 9.

b. For nontactical wheeled vehicles, use the registration number.

c. For ammunition, use the lot number.

d. For watercraft, use DA Hull number.

e. Leave blank if the form is used for more than one item.

f. Leave blank if equipment has more than one serial number.

g. Mandatory entry if equipment is INOP.

(12) Qty. Enter the number of items. (Must be only one item listed if equipment is reportable under AR 700-138 and is NMC.)

(13) PD. Enter the Priority Designator. (See DA Pam 710-2-1).

(14) Malfunction Description. (DS, GS, AVIM, Depot Use.)

(15a) Failure Detected During/When Discovered Code. Leave blank.

(15b) First Indication of Trouble/How Recognized Code. Leave blank.

(16a) Miles/ Kilometers/ Hours/Rounds. Enter the miles or kilometers from the odometer on the equipment beside the "M" or "K" Round to the nearest mile or kilometer. If the equipment has no odometer, leave blank. Enter the hour reading (to the nearest hour) beside the "H" from the hour meter mounted on the equipment. If the equipment has no meter, leave blank. Enter the total equivalent full charge (EFC) rounds fired beside the "R". See the item's DA Form 2408-4. If rounds do not apply to the equipment, leave blank.

(17) Project Code. Enter the project code it one has been assigned. If not, leave blank.

(18) Account Processing Code. Enter the Account Processing Code (APC) if required by your unit. The APC is a code prescribed locally for costing and budget identification of customers and organizations (reference TM 38-711-13). If not required, leave blank.

(19) In Warranty? Enter "Y" to indicate that equipment is still under manufacturer's warranty. Submit one work request for each serial numbered item.

(20) Admin No. Enter the bumper number, materiel control number, or administrative number assigned to the item of equipment.

(21) Reimbursable Customer. For DSU/GSU/AVIM/Depot use.

(22) Level of Work. Enter code for level of work from Table B-24.

(23) Signature. The commander or the commander's designated representative will sign for all priority 01 through 10 requests. This signature approves the use of the PD.

(24) Describe Deficiencies or Symptoms.

a. Enter brief, but specific description of failure as a result of complete checkout and diagnosis.

b. Include such factors as weather conditions and type of operations. Give your opinion of why it failed. If more room is needed, use DA Form 2407-1.

c. When the warranty technical bulletin provides instructions to ship the failed warranted item to another location, the WARCO will enter the "shipped to" DODAAC.

(25) Remarks.

a. Enter the warranty start date of the component/end item. That date will be the warranty decal on the item or on the DA Form 2408-9 of the item.

b. The WARCO will enter his or her name, complete phone number (DSN or commercial), UIC, and contract number.

(26) Technical References. Enter the referenced TM or technical publication.

SECTION IV—Task Requirements Data. This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment, or a task management to allow the capturing of man-hours expended on equipment. The task sequence number is not to be confused with work request status code changes.

(27a) File Input Act CD. Enter file Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

(27b) Task No. Enter the Task Number. The use of this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follow:

a. A single task (e.g., task number 1) for all work needed to be done.

b. A task number for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

c. A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks At, A2, and A3 for the Automotive Section and tasks S1 and S2 for the Service Section.

(27c) Act Code. Enter Action Code. Table B-5 lists the action codes.

(27d) Task Description. Enter brief description of task to be accomplished.

(27e) Qty To Be Rpr. Enter number of items to be repaired or leave blank.

(27f) Work Center. Enter the Work Center Code of the shop that will do the task (see Unit SOP).

(27g) Failure Code. Enter Failure Code from Appendix B, Tables B-1 and B-2.

(27h) MH Proj. Enter number of man-hours projected to accomplish the task.

(27i) MH EXP. After completion, enter number of man-hours actually expended to accomplish the task.

SECTION V—Part Requirements.

(28a) File Input Act CD. Enter the File Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

(28b) Task No. Enter the task number from Block 27b which granted the part requirement.

(28c) ID No. Enter Identifying Number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer's Code and Reference Number.

D—Management Control Number.

P—Other numbers.

(28d) NSN or Part Number. Enter National Stock Number, Manufacturer's Part Number, or other number, as identified in Block 28c, for the required part.

(28e) SFX CD. If applicable, enter Suffix Identification Code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN) when adding the same NSN to a file. It enables the operator to bypass edits that normally would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, and 0–9 are the allowed entries.)

(28f) Qty Rqd. Enter quantity of part(s) required.

(28g) Qty Issued. When part(s) is issued to mechanic, enter quantity of part(s) issued.

(28h) NMCS CD. If failure to get a part caused the item to become NMCS, enter "Y" (YES). If item will not become NMCS, enter "N" (NO).

(28i) Failure Code. Enter Failure Code from Appendix B, Tables B–1 and B–2.

(28j) Storage Location. If ASL item, enter Storage Location Code.

(28k) Initials. Enter initials of ASL clerk releasing part to mechanic.

(28l) Cost. Leave blank or use as needed locally.

(28m) Total Man–hours. Enter total of man–hours of block 27 from all pages (DA Forms 2407 and 2407–1).

(28n) Total Man–hours Costs. Leave blank or use as needed locally.

(28o) Total Parts Cost. Leave blank or use as needed locally.

SECTION VII. Action Signatures.

(34a) Submitted By. The person sending in the DA Form 2407 enters first initial and last name in this block.

(34b) Date. The person signing the forms enters the ordinal date the form was given to support maintenance.

(35a) Accepted By. The person accepting the work request enters first initial and last name in this block.

(35b) Status. Enter the work request status codes. Appendix B, Table B–21, lists these codes.

(35c) Date. Enter ordinal date accepted (YYDDD).

(35d) Time. Enter the military time that the work was started.

(36a) Work Started By. The person assigned the work enters first initial and last name in this block.

(36b) Status. Enter the completed work request status code. Appendix B lists these codes.

(36c) Date. Enter the ordinal date the work was completed (YYDDD).

(36d) Time. Enter the military time that the inspection was completed.

(37a) Inspected By. The person clearing the work enters the first initial and last name in this block.

(37b) Status. Enter the work request status code. Appendix B lists these codes.

(37c) Date. Enter the ordinal date the inspection was completed.

(37d) Time. Enter the military time that the inspection was completed.

(38a) Picked Up By. The person picking up the equipment for the owner enters first initial and last name in this block.

(38b) Status. The support maintenance clerk enters work request status code "U" (picked up). Appendix B lists these codes.

(38c) Date. Enter the ordinal date the equipment was picked up.

(38d) Time. Enter the military time that the equipment was picked up.

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)					
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA							
1a. UIC CUSTOMER W.A.M. 7 B D	1b. CUSTOMER UNIT NAME 3169 AR Bn	1c. PHONE NO 683-3331	3a. WORK ORDER NUMBER (WON) H888329804960	3b. SHOP A	3c. PHONE NO 683-2242						
2a. SAMS-2 UIC/SAMS-UTDA	2b. UTILIZATION CODE 0	2c. MCSR	4a. UIC SUPPORT UNIT N.H. 8.8 B.2	4b. SUPPORT UNIT NAME 203 CS Bn							
SECTION III - EQUIPMENT DATA											
5. TYPE MNT REQ CODE 1	6. ID A	7. NSN 2350010871095	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See 738-750 and 738-751 A								
8. MODEL M1A1	9. NOUN Tank Combat 120mm		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See 738-750 and 738-751 099		16a. MILES/KILOMETERS/HOURS/ROUNDS M 10,500 K R						
10a. ORG WON/DOC NO A.M.T. B. 9. 8. 0. 3. 0.	10b. EIC A.A.B		17. PROJECT CODE 099	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (Enter Y or N) Y	20. ADMIN NO 316					
11. SERIAL NUMBER 63188	12. QTY 1	13. PD 016	21. REIMBURSABLE CUSTOMER (If intransit customer enter Y or N)		22. LEVEL OF WORK F						
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVM, DEPOT use) Eng. inop. it. start.				23. SIGNATURE Charles Daniels							
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Engine case cracked. Task #1 ID:A 23501-216-8639											
25. REMARKS Old SN-1052 New SN-2489											
26. TECHNICAL REFERENCES											
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MM PROJ	27i. MM EXP			
A	T1	F	Initial Inspection	1	Inspr		5	5			
A	A1	A	Replace Engine	1	Auto	070	12	12			
A	T2	G	Final Inspection	1	Inspr		5	5			
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
A	A1	A	235012168639		1	1	Y	0705-F1		CD	26135.00
28m. TOTAL MANHOURS 13			28n. TOTAL MANHOURS COSTS \$ 7,381.60			28o. TOTAL PARTS COSTS \$ 26,135.00					
SECTION VI - COMPLETION DATA											
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME			
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY S. Ross		35a. ACCEPTED BY P. Powell		35c. DATE 9/22/88		36a. WORK STARTED BY R. Parker		37a. INSPECTED BY D. March		38a. PICKED UP BY C. Carlson	
34b. DATE 9/22/88	35b. STATUS A	35d. TIME 1015	36b. STATUS B	36c. DATE 9/22/88	36d. TIME 1300	37b. STATUS F	37c. DATE 9/23/88	37d. TIME 1100	38b. STATUS U	38c. DATE 9/23/88	38d. TIME 1300

Figure 3-21. Sample of a completed DA Form 2407 used for serial number tracking

Legend for Figure 3-21:

Completion instructions for DA Form 2407 to show work done at support maintenance for a serial number tracked item

Page No. Enter the page number when all needed entries are in Sections IV-VII. Enter page numbers as required.

No of Pages. Enter the total number of pages used when entries are in Sections IV-VII. Enter page numbers as required.

SECTION I—Customer Data This section will be filled in by the unit requesting the support maintenance.

SECTION II—Maintenance Activity Data

(3a) Work Order Number (WON). Enter WON (see paragraph 3–6c for assignment of WONs).

(3b) Shop. Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A–Z are assigned locally by each maintenance battalion operating SAMS. Examples: A =Automotive Shop, B =Battery Shop, C =Commo Shop, etc.

(3c) Phone No. Enter the phone number of the maintenance activity.

(4a) UIC Support Unit. Enter the UIC of the maintenance activity.

(4b) Support Unit Name. Enter the unit name of the maintenance activity.

SECTION III—Equipment Data.

(14) Malfunction Description (for DS/GS use). Enter a short description of the problem (16 position entry).

(21) Reimbursable Customer. Enter “Y” if the customer must pay for maintenance cost.

(24) Describe Deficiencies. Blocks 24 and 25 are used by the SAMS–1 work center foreman to enter appropriate SNT data. In block 24, enter the task no., the ID, and component NSN.

(25) Remarks. Enter the old serial number and new serial number, if applicable.

a. When the item in block 7 needs “onsite” or “deferred” maintenance, explain here. One of these entries will be made for onsite or deferred work:

(1) Maintenance request received on (date).

(2) Onsite repair scheduled for (date).

(3) Owner to return item on (date) for repair.

b. Block 35a will be filled in only when the onsite repair is started or the deferred item is brought back.

c. Print “OFIF candidate” when an OAF asset was issued or would have been issued if a serviceable OAF asset was available.

(25) Technical References. Enter the referenced TM or technical publication.

SECTION IV—Task Requirements Data.

(27a) File Input Act CD. Enter file input action code:

A—Addition of a new record file.

C—Correction to file records.

D—Deletion of a record from the file.

(27b) Task No. Enter the task number. How to use this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follow:

a. Single task (e.g., task number 1) for all work needed to be done.

b. A task for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

c. A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the automotive section and tasks S1, S2 and S3 for the service section.

(27c) Act Code. Enter action code. Table B–5 lists the action codes.

(27d) Task Description. Enter brief description of task to be accomplished.

(27e) Qty To Be Rpr. Enter number of items to be repaired.

(27f) Work Center. Enter the work center code of the shop that will do the task. (See unit SOP.)

(27g) Failure Code. Enter the failure code. Tables B–1 and B–2 list the failure codes.

(27h) MH Proj. Enter number of man–hours projected to accomplish the task.

(27i) MH Exp. After completion, enter number of man–hours actually expended to accomplish the task.

SECTION V—Part Requirements.

(28a) File input Act CD. Enter the file input action code:

A—Addition of a new record file.

C—Correction to the file records.

(28b) Task No. Enter task number from block 26 which granted the part requirement.

(28c) ID No. Enter identifying number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer’s Code and Reference Number.

D—Management Control Number.

P—Other Numbers.

(28d) NSN or Part Number. Enter National Stock Number, manufacturer’s part number, or other number as identified in block 28c, for the required part.

(28e) SFX CD. If applicable, enter suffix identification code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN) when adding the same NSN to a file. It enables the operator to bypass edits that normally would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, and 0–9 are the allowed entries.)

(28f) Qty Rqd. Enter quantity of part(s) required.

(28g) Qty Issued. When part(s) is issued to mechanic, enter quantity of part(s) issued.

(28h) NMCS Cd. If failure to get part caused the item to become NMCS, enter “Y” (yes). If item will not become NMCS, enter “N” (no).

(28i) Failure Code. Enter the failure code. Tables B–1 and B–2 list failure codes.

(28j) Storage Location. If ASL item, enter storage location code.

(28k) Initials. Enter initials of ASL clerk releasing part to mechanic.

(28l) Cost. Enter Total Cost. (Multiply 28g by the AMDF unit price, and enter total (i.e., \$50 x 3=\$150.)

(28m) Total Man–hours. Enter total man–hours of block 27 from all pages (DA Forms 2407 and 2407–1).

(28n) Total Man–hours Costs. Enter total man–hour cost. You get this figure by multiplying the current local labor rate times the total number of man–hours used in 28m.

(28o) Total Parts Cost. Enter total cost of all blocks 28l of all pages (DA Forms 2407 and 2407–1).

SECTION VI—Completion Data.

(29) Qty Rpr. Enter quantity of items repaired.

(30) Qty Condemn. Enter quantity of items condemned.

(31) Qty NRTS. Enter quantity of items not repairable at the repair activity.

(32) Evac WON. If item is evacuated, enter work order number assigned by receiving maintenance unit.

(33) Evac Unit Name. Enter name of unit to whom item is evacuated.

SECTION VII—Action Signatures.

(35a) Accepted By. The person accepting the work order enters first initial and last name in this block.

(35b) Status. Enter the work request status code. Appendix B, Table B–21, lists these codes.

(35c) Date. Enter ordinal date accepted (YYDDD).

(35d) Time. Enter the military time that the work was started.

(36a) Work Started By. The person assigned the work enters first initial and last name in this block.

(36b) Status. Enter the completed work request status code. Appendix B lists these codes.

(36c) Date. Enter the ordinal date the work was completed (YYDDD).

(36d) Time. Enter the military time that the inspection was completed.

(37a) Inspected By. The person clearing the work enters first initial and last name in this block.

(37b) Status. Enter the work request status code. Appendix B lists these codes.

(37c) Date. Enter the ordinal date the inspection was completed.

(37d) Time. Enter the military time that the inspection was completed.

(38a) Picked Up By. The person picking up the equipment for the owner enters first initial and last name in this block.

(38b) Status. The support maintenance clerk enters work request

status code "U"(picked up). Appendix B lists the work request status codes.

(38c) Date. Enter the ordinal date the equipment was picked up.

(38d) Time. Enter the military time that the equipment was picked up.

MAINTENANCE REQUEST (Continuation Sheet) For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO 2	NO OF PAGES 2	REQUIREMENT CONTROL SYMBOL CSGLO-1047(A7)					
SECTION II - MAINTENANCE ACTIVITY DATA											
3a. WORK ORDER NUMBER (WON) H18183298104960		3b. SHOP SECTION CODE A		3c. PHONE NO 645-9727							
SECTION III - EQUIPMENT DATA											
25. REMARKS											
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP			
A	A7	A	Replaced Transf Assy	01	Auto		2.5	2.5			
A	A2	G	Final Inspection	01	Insp.		1	1			
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
A	A5	A	531000212531R		02	02	N		8A4C	BT	28.10
A	A6	A	2530002501835		01	01	N		15B1F	BT	15.40
A	A7	A	5420002183150		01	01	N		10A1B	BT	376.00
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					
3.0			285.15			518.28					

DA FORM 2407-1, JUL 94

FILE COPY

Figure 3-22. Sample of a completed DA Form 2407-1

the DA Form 2408–14 only when they require a repair or definitive action. Class III leaks are deficiencies. Repair of Class III leaks will not be deferred.

g. Do not list faults that are on a support DA Form 2407 for repair, except support work order requests that do not render the equipment NMC (i.e., Communication shelters).

(d) Date. Enter the calendar date the entry was transcribed to DA Form 2408–14.

(e) Entry Approved (Signature). The commander or the commander's designated representative will sign in this block when the entry is made. Enter first name and last name.

(f) Date. Enter the calendar date the fault was actually corrected or transcribed to DA Form 2407. The individual correcting the fault will enter his or her last name initial over the status symbol in column a.

G- 1387507

FACILITY MAINTENANCE LOG			STATION CAMP HUMPHREYS, KORRA	MONTH AND YEAR JANUARY 1993
			SUBJECT OF LOG VOR	
DATE	TIME (24 HOURS)	CODE	REMARKS	INITIALS
4	0745		FIRST ENTRY MONTH OF JANUARY	TC
	0745		ARRIVED SITE TO PERFORM MONTHLY GROUND CHECKS. SYSTEM NORMAL. TRANSMITTER #1 ON AIR. TRANSMITTER #2 ON STANDBY.	TC
	0800		RECEIVED PERMISSION FROM E.H. TO REMOVE STATION FROM SERVICE FOR PMCS.	TC
	0900		COMPLETED GROUND CHECKS OF BOTH TRANSMITTERS IAW TM 11-5825-266-14-1, PARA 5-35 THROUGH PARA 5-38. DATA RECORDED ON VOR GROUND CHECK DATA SHEET. BOTH TRANSMITTERS WITHIN TM STANDARDS.	TC
	0915		SYSTEM RETURNED TO SERVICE. NOTIFIED E.H.	TC
	0930		DEPARTED SITE. SYSTEM NORMAL. TRANSMITTER #2 ON AIR. TRANSMITTER #1 ON STANDBY.	TC
13	1300		ARRIVED SITE TO PERFORM SITE CLEANING AND ASL ^{TR} PLL INVENTORY. SYSTEM NORMAL. TRANSMITTER #2 ON AIR. TRANSMITTER #1 ON STANDBY.	TC / DM
	1320		LOST COMMERCIAL POWER. EMERGENCY GENERATOR ON LINE. SYSTEM STILL NORMAL	TC / DM
	1345		COMMERCIAL POWER RESTORED.	TC / DM
	1430		COMPLETED SITE CLEANING AND PLL INVENTORY. NO PLL DISCREPANCIES FOUND.	TC / DM
DATE	SIGNATURE OF SECTOR MANAGER/DESIGNEE		DATE	SIGNATURE OF MAINTENANCE TECHNICIAN
2 FEB 13	Richard Dimon		2 FEB 93	Terry Crouch

FAA Form 6030-1 (10-70) FORMERLY FAA FORM 406C

☆ U.S. GOVERNMENT PRINTING OFFICE: 1980-762-654

Figure 3-24. Sample of a completed FAA Form 6030-1

G-1387550

FACILITY MAINTENANCE LOG			STATION CAMP HUMPHREYS, KORCA	MONTH AND YEAR JANUARY 1993
			SUBJECT OF LOG VOR	
DATE	TIME (24 HOURS)	CODE	REMARKS	INITIALS
13	1440		LOG CONTINUED FROM G-1387507.	TC DM
	1445		DEPARTED SITE. SYSTEM NORMAL. TRANSMITTER #2 ON AIR. TRANSMITTER #1 ON STANDBY.	TC DM
26	1000		ARRIVED SITE. TOWER REPORTED SYSTEM IN ALARM CONDITION. FOUND TRANSMITTER #1 ON AIR. TRANSMITTER #2 IN RED.	TC
	1010		RECEIVED PERMISSION FROM J.G. TO REMOVE STATION FROM SERVICE FOR TROUBLESHOOTING.	TC
	1100		COMPLETED TROUBLESHOOTING. REPAIRED TRANSMITTER #2. REPLACED POWER AMPLIFIER, 1A4AR1 (NSN 5825-01-061-6981).	TC
	1200		COMPLETED ADJUSTMENT PROCEDURES OF TRANSMITTER #2 IAW TM 11-5825-266-14-1, PARA 5-21. NO PROBLEMS FOUND.	TC
	1215		SYSTEM RETURNED TO SERVICE. NOTIFIED J.G.	TC
	1230		DEPARTED SITE. SYSTEM NORMAL. TRANSMITTER #2 ON AIR. TRANSMITTER #1 ON STANDBY.	TC
2 FEB	0900		(DELAYED ENTRY) LAST ENTRY MONTH OF JANUARY.	TC
DATE	SIGNATURE OF SECTOR MANAGER/DESIGNEE		DATE	SIGNATURE OF MAINTENANCE TECHNICIAN
2 FEB 1993	Richard Dimon		2 FEB 1993	Terry Crouch

FAA Form 6030-1 (10-76) FORMERLY FAA FORM 406C

★ U.S. GOVERNMENT PRINTING OFFICE: 1990-782-854

Figure 3-24. Sample of a completed FAA Form 6030-1—Continued

Legend for Figure 3-24:
Completion instructions for FAA Form 6030-1

This form provides a complete record of all maintenance actions performed at any fixed base and tactical Air Traffic Control (ATC) facility and/or navigational aid.

Station. Enter name of installation or tactical site designation (Examples: Fort Rucker; Sun FOC).

Subject of Log. Enter type of equipment or facility for which maintenance log applies (Examples: ILS; NDB; R-401 Tactical Site).

Month and Year. Enter calendar month and year for which maintenance form applies (Example: June 1992).

Date. Enter calendar day of month (Example: 6).

Time. Enter local time of entry using 24 hour clock (Example: 1430).

Code. Leave blank.

Remarks.

a. Begin a new page with each calendar month. On the first line, put "First Entry Month of _____."

b. After last entry of each month, state "Last Entry Month of _____." Draw a slash (/) through all unused lines.

c. Upon each visit, show "Arrived Site" and "Departed Site," and show what was found and/or done. As a minimum document the following:

(1) Purpose of site visit.

(2) Condition /configuration of site upon arrival.

(3) All actions or maintenance performed at site. Annotate change out of all circuit cards or electronic modules by nomenclature, National Stock Number (if one has been assigned), and/or manufacturer's part number.

(4) Condition/configuration of site at departure.

Initials. Initials of person making each entry.

Date/Signature of Sector Manager/Designee. Enter date of maintenance supervisor's review of log entries followed by maintenance supervisor's signature.

Date/Signature of Maintenance Technician. Enter date of last entry and signature of technician closing out maintenance log.

Chapter 4 Nonaeronautical Equipment, Army Oil Analysis Program (AOAP)

4-1. Objectives

a. The AOAP is a condition monitoring program which is designed to—

(1) Improve equipment reliability and readiness by early detection of potential failures.

(2) Lower support costs by reducing the number of catastrophic failures and curtailing excessive component wear.

(3) Reduce resource usage by conserving petroleum products by adhering to the On Condition Oil Change (OCOC) policy. (See policy in (a) through c below:)

(a) This policy eliminates the wasteful requirement of changing component oil based on hours/miles/calendar days as currently specified by many TMs and LOs. Oil will not be changed unless recommended by the AOAP laboratory. When recommended, both the oil and the oil filter(s) will be changed at the same time.

Note. Oil filter(s) will be serviced/cleaned/changed when they are known to be contaminated, or clogged; service is recommended by AOAP laboratory analysis; or at prescribed hard time intervals as described in LO or TM.

(b) When a unit is deployed and oil analysis service is not readily available, the unit maintenance officer may authorize an oil and filter change when oil contamination is evident. A sample will be submitted to the laboratory as soon as AOAP service becomes available or the unit is redeployed, whichever comes first. The remarks block of the DD Form 2026 (Oil Analysis Request) accompanying this sample to the laboratory will be annotated to reflect the oil and filter change, because it may affect the trend analysis performed by the AOAP laboratory.

(c) The OCOC policy does not change or modify procedures and guidance for new equipment under manufacturer's warranty or seasonal oil change requirements in current TMs and LOs.

b. An effective AOAP is only possible when the AOAP is fully

integrated into the maintenance system. This chapter provides pertinent information and instructions to commanders and equipment users and encourages efficient performance of the AOAP.

c. AOAP is an effective maintenance diagnostic tool and not a maintenance substitute. This chapter will not be interpreted to mean AOAP minimizes, in any way, the need to employ good maintenance practices and strong maintenance discipline.

4-2. Description

a. Oil, hydraulic fluid, and grease analysis is used as a diagnostic tool to determine the physical condition of used lubricants and the internal condition of engines, transmission, hydraulic systems, and other fluid-wetted components.

b. Spectrometric analysis is used to determine the concentrations of various wear metals in oil samples. Wear metals are metal particles of microscopic size, produced by the friction of moving parts within mechanical systems, that enter the oil stream and are dispersed and suspended throughout the lubricating oil system. The kinds of metal particles, and the quantities in which they are present, are detected by spectroscopy. Analysis helps determine which component parts may have generated the particles. By periodically sampling and testing the lubricants from mechanical systems, abnormal wear can be detected, and worn parts can be repaired or replaced before they cause damage.

c. Physical property tests are analytical tests used to detect property changes in used oil. For example, changes in viscosity, fuel dilution, or water content may be indicative of faulty equipment, operating conditions, or maintenance procedures.

d. Ferrographic analysis is used as a supplemental oil analysis test on selected components to monitor wear metals that cannot be detected by spectrometric analysis. Ferrography is used not only to determine the size, shape, and type of wear-metal particles being generated by a piece of equipment, but also to determine the kind of wear (spalling, cutting, and rubbing) producing the wear-metal particles.

e. A resample is a sample specifically requested by the laboratory, of the same oil taken under the same condition as the previous sample.

f. Designated equipment/components are those enrolled in AOAP.

g. Contamination is a problem that most frequently affects sample integrity. Wear-metal, water, unusual color, and particular matter are indications of contamination.

h. Installation management reports are computer-generated reports provided by the laboratories to installation/unit monitors and others on a monthly or as requested basis.

4-3. AOAP participation

Participation in the AOAP is mandatory. AOAP responsibilities of the commanders of major Army commands, the U.S. Army Reserve, the Army National Guard, and the Program Director (PD) are defined in AR 750-1.

4-4. What to sample

a. Only the equipment/components listed in tables 4-1 through 4-8, and other equipment/components authorized by the PD, AOAP, will be sampled. Exceptions will be through letters of authorization from major command level to laboratories. To be valid, letters must be issued from the major command that owns and supports the laboratory. Copies of any such correspondence will be provided to the PD, AOAP.

b. To request authorization for new enrollment in the AOAP, the following information will be submitted to the PD, AOAP:

(1) Nomenclature and model of the end item.

(2) End item NSN.

(3) Component nomenclature and model.

(4) End Item Code (EIC) assigned to the NSN of the end item.

(5) Hydraulic system capacity.

4-5. When to sample

a. Routine samples are to be submitted at prescribed intervals as

established in paragraphs 4-11 through 4-15. Note that the intervals are not the same for all items of equipment. Samples should be taken as near the prescribed interval as possible. Sampling at the prescribed time is not always possible. In such instances a 10 percent variance before or after the scheduled date, hours, or miles for sampling is permissible.

b. Special samples are those samples other than routinely scheduled. Special samples will be submitted to the laboratory under the following circumstances:

(1) At the request of the laboratory.

(2) Immediately before transfer among commands or overseas deployment of equipment. These special samples will be processed by the laboratory prior to the transfer or deployment.

(3) After maintenance, overhaul, or replacement of a component.

(4) After indication of a problem, for example, overheating, excessive oil loss, or loss of oil pressure.

(5) After indication of contamination, that is, cloudy, sludge, M60A1 Tank water, excessively dirty, visible metal particles, etc. AOS

Note. Special samples will be clearly marked "SPECIAL" and banded with red tape or marked in some other conspicuous manner so that the laboratory may easily identify them. The DD Form 2026 that accompanies the samples to the laboratory will be marked SPECIAL in the remarks block and its borders will be outlined in red.

c. When a vehicle is in storage, no sampling is required until the vehicle is scheduled for operational use.

d. Maintenance float equipment will be sampled at 25 hours of operation or quarterly, whichever occurs first.

e. When a vehicle is used for developmental purposes, used as a training aid or static display, authorization to discontinue sampling or to sample at longer intervals may be granted by the applicable major command. When the equipment returns to normal operation sampling intervals established in tables 4-1 through 4-7 will once again apply.

Table 4-1
Combat vehicles

End Item Model	Nomenclature	Component(s)
M1	Tank	AGT-1500 X1100-3B
M1A1	Tank	AGT-1500 X1100-3B
M1A2	Tank	AGT-1500 X1100-3B
M11P	Tank	AGT-1500 X1100-3B
M2	Infantry Fighting Vehicle	VTA-903T HMPT-500 HMPT-500-3 HMPT-500-3E HMPT-500-B
M2A1	Infantry Fighting Vehicle	VTA-903T HMPT-500 HMPT-500-3 HMPT-500-3E HMPT-500-B
M2A2	Infantry Fighting Vehicle	VTA-903T HMPT-500 HMPT-500-3 HMPT-500-3E HMPT-500-3TEC
M3	Cavalry Fighting Vehicle	VTA-903T HMPT-500 HMPT-500-3 HMPT-500-3E HMPT-500-B

Table 4-1
Combat vehicles—Continued

End Item Model	Nomenclature	Component(s)
M3A1	Cavalry Fighting Vehicle	VTA-903T HMPT-500 HMPT-500-3 HMPT-500-3E HMPT-500-B
M3A2	Cavalry Fighting Vehicle	VTA-903T HMPT-500-3 HMPT-500-3E HMPT-500-3TEC
M60	Tank	AVDS-1790-2DA CD-850-6A CD-850-6A1
M60A1	Tank	AVDS-1790-2DA CD-850-6A CD-850-6A1
M60A1 AOS	Tank	AVDS-1790-2DA CD-850-6A CD-850-6A1
M60A1 RISE	Tank	AVDS-1790-2C AVDS-1790-2CA CD-850-6A CD-850-6A1
M60A1 RISE PASSIVE	Tank	AVDS-1790-2C AVDS-1790-2CA CD-850-6A CD-850-6A1
M88A1	Recovery Vehicle	AVDS-1790-2DR XT-1410-4
M106A1	Self Propelled Carrier	6V53 TX100-1
M106A2	Mortar Carrier	6V53 TX100-1
M109A2	Self Propelled Howitzer	8V71T XTG-411-2A
M109A3	Self Propelled Howitzer	8V71T XTG-411-2A
M109A4	Self Propelled Howitzer	8V71T XTG-411-2A
M109A5	Self Propelled Howitzer	8V71T XTG-411-2A
M109A6	Self Propelled Howitzer	8V71T XTG-411-4
M110A2	Self Propelled Howitzer	8V71T XTG-411-2A
M113A1	Personnel Carrier	6V53 TX100-1
M113A2	Personnel Carrier	6V53 TX100-1
M113A3	Personnel Carrier	6V53 TX200-4
M125A1	Self Propelled Carrier	6V53 TX100-1
M125A2	Mortar Carrier	6V53 TX100-1
M132A1	Flame Thrower	6V53 TX100-1

**Table 4-1
Combat vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M163A1	Vulcan Air Defense	6V53 TX100-1
M163A2	Vulcan Air Defense	6V53 TX100-1
M548	Cargo Carrier	6V53 TX100-1
M548A1	Carrier	6V53 TX100-1
M551 OP-FOR	Armor Reconnaissance Vehicle	6V53T XTG-250-1A
M551A1	Armor Reconnaissance Vehicle	6V53T XTG-250-1A
M577A1	Personnel Carrier, Command Post	6V53 TX100-1
M577A2	Command Post Carrier	6V53 TX100-1
M5781	Recovery Vehicle	8V71T XTG-411-2A
M667	Missile Carrier	6V53 TX100-1
M688A1	Loader Transporter	6V53 TX100-1
M728	Combat Eng Vehicle	AVDS-1790-2DA CD-850-6A CD-850-6A1
M730	Self Propelled Carrier	6V53
M730A1	Carrier, Chaparral	6V53 TX100-1
M730A2	Carrier SP (Rise)	6V53T X200-4
M741	Gun Chassis	6V53 TX100-1
M741A1	Vulcan	6V53 TX100-1
M752	Launcher, Self Propelled	6V53 TX100-1
M901	Combat Vehicle	6V53 TX100-1
M901A1	Tow 2	6V53 TX100-1
M981	FISTV	6V53 TX100-1
M981A1	FISTV	6V53T X200-4
M992	FAASV	8V71T XTG-411-2A
M992A1	FAASV	8V71T XTG-411-4
M993	Carrier, Multiple Launch Rocket System	VTA-903T HMPT-500 HMPT-500-3 HMPT-500-3E HMPT-500-B
M1015	Signal Intelligence/Early Warning Carrier	6V53 TX100-1

**Table 4-1
Combat vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M1015A1	Signal Intelligence/Early Warning Carrier	6V53 TX100-1
M1059	Carrier, Smoke Generator	6V53 TX100-1
XM1050	Howitzer	8V71T XTG-411-2A
M48A5AVLB	Armored Vehicle, Launcher Br	AVDS-1790-2DA CD-850-6A CD-850-6A1
M60A1AVLB	Armored Vehicle, Launcher Br	AVDS-1790-2DA CD-850-6A CD-850-6A1

Notes:

¹ Indicates Hydraulic System**Table 4-2
Tactical wheeled vehicles**

End Item Model	Nomenclature	Component(s)
M34A2	2 1/2 T Truck, Cargo	LD-465-1 LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M35A1	2 1/2 T Truck, Cargo	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M35A1C	2 1/2 T Truck, Cargo	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M35A2	2 1 / 2 T Truck, Cargo	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M35A2C	2 1/2 T Truck, Cargo	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M36A2	2 1/2 T Truck, Cargo	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M44A1	2 1/2 T Truck, Bolster	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M44A2	2 1/2 T Truck, Bolster	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M45A2	2 1/2 T Truck, Bolster	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2

**Table 4-2
Tactical wheeled vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M46A2	2 1/2 T Truck, Chassis	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M49A1C	2 1/2 T Truck, Fuel, Tank	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M49A2C	2 1/2 T Truck, Fuel, Tank	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M50A1	2 1/2 T Truck, Water, Tank	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M50A2	2 1/2 T Truck, Water, Tank	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M50A3	2 1/2 T Truck, Water, Tank	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M51A2	5 T Truck, Dump	LDS-465-1
M52A2	5 T Truck, Tractor	LDS-465-1
M54A2	5 T Truck, Cargo	LDS-465-1
M54A2C	5 T Truck, Cargo	LDS-465-1
M54A2E1	Chaparral, Guided Missile System	DEUTZFL511
M55A2	5 T Truck, Cargo	LDS-465-1
M61A2	5 T Truck, Chassis	LDS-465-1
M62A2	5 T Truck, Wrecker	LD-465-AI 6453
M63A2	5 T Truck, Chassis	LDS-465-1
M109A1	2 1/2 T Truck, Shop Van	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M109A2	2 1/2 T Truck, Shop Van	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M109A3	2 1/2 T Truck, Shop Van	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M185A1	2 1/2 T Truck, Instr Repair	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M185A2	2 1/2 T Truck, Instr Repair	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M185A3	2 1/2 T Truck, Instr Repair	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M246A2	5 T Truck, Wrecker	LDS-465-1

**Table 4-2
Tactical wheeled vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M275A1	2 1/2 T Truck, Tractor	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M275A2	2 1/2 T Truck, Tractor	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M291A2	5 T Truck, Exp Van	LDS-465-1
M292A1	2 1/2 T Truck, Exp Van	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M292A2	2 1/2 T Truck, Exp Van	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M292A4	2 1/2 T Truck, Exp Van	LDS-427-2 LD-465-1C LDT-465-1D LDT-465-1C
M292A5	2 1/2 T Truck, Exp Van	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M328A2	5 T Truck, Stake	LDS-465-1
M342A2	2 1/2 T Truck, Dump	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M543A2	5 T Truck, Wrecker	LDS-465-1
M756A2	2 1/2 T Truck, Maintenance	LD-465-1C LDT-465-1D LDT-465-1C LDS-427-2
M764	2 1/2 T Truck, Maintenance	LD-465-1C
M809	5 T Truck, Chassis	NHC-250
M809A1	5 T Truck, Chassis	NHC-250
M810	5 T Truck, Chassis	NHC-250
M811	5 T Truck, Chassis	NHC-250
M811A1	5 T Truck, Chassis	NHC-250
M811A2	5 T Truck, Chassis	NHC-250
M812	5 T Truck, Chassis	NHC-250
M812A1	5 T Truck, Chassis	NHC-250
M813	5 T Truck, Cargo	NHC-250
M813A1	5 T Truck, Cargo	NHC-250
M814	5 T Truck, Cargo	NHC-250
M815	5 T Truck, Bolster	NHC-250
M816	5 T Truck, Wrecker	NHC-250
M817	5 T Truck, Dump	NHC-250
M818	5 T Truck, Tractor	NHC-250
M819	5 T Truck, Tractor	NHC-250
M820	5 T Truck, Exp Van	NHC-250

**Table 4-2
Tactical wheeled vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M820A1	5 T Truck, Exp Van	NHC-250
M820A2	5 T Truck, Exp Van	NHC-250
M821	5 T Truck, Stake	NHC-250
M876	Telephone Truck, Maintenance	1HD-190 MT650
M911	22 1/2 T Truck, Tractor (HET)	DD8V92T DD8V92TA CLBT750
M915	Truck, Tractor (HET)	Cummins NTC-400 Cat D-7155
M915A1	10 T Truck, Cargo	Cummins NTC-400 DAA-HT750CRD
M915A2	10 T Truck, Cargo	DD 12.7L DD HT740
M916	Truck, Tractor (HET)	Cummins NTC-400 Cat D-7155
M916A1	Truck, Tractor (HET)	DD 12.7L DD HT740
M917	20 T Truck, Dump	Cummins NTC-400 Cat D-7155
M918	Bitum Dist	Cummins NTC-400 Cat D-7155
M919	Truck, Concrete	Cummins NTC-400 Cat D-7155
M920	Truck, Tractor (HET)	Cummins NTC-400 Cat D-7155
M923	5 T Truck, Cargo	Cummins NHC-250 MT654
M923A1	5 T Truck, Cargo	Cummins NHC-250 MT654
M923A2	5 T Truck, Cargo	6CTA-8.3 MT654
M924	5 T Truck, Cargo	Cummins NHC-250 MT654
M924A1	5 T Truck, Cargo	Cummins NHC-250 MT654
M925	5 T Truck, Cargo	Cummins NHC-250 MT654
M925A1	5 T Truck, Cargo	Cummins NHC-250 MT654
M925A2	5 T Truck, Cargo	6CTA-8.3 MY654
M926	5 T Truck, Cargo	Cummins NHC-250 MT654

**Table 4-2
Tactical wheeled vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M926A1	5 T Truck, Cargo	Cummins NHC-250 MT654
M927	5 T Truck, Cargo	Cummins NHC-250 MT654
M927A1	5 T Truck, Cargo	Cummins NHC-250 MT654
M927A2	5 T Truck, Cargo	6CTA-8.3 MT654
M928	5 T Truck, Cargo (VLNB)	Cummins NHC-250 MT654
M928A1	5 T Truck, Cargo (VLNB)	Cummins NHC-250 MT654
M928A2	5 T Truck, Cargo	6CTA-8.3 MT654
M929	5 T Truck, Dump	Cummins NHC-250 MT654
M929A1	5 T Truck, Dump	Cummins NHC-250 MT654
M929A2	5 T Truck, Dump	6CTA-8.3 MT654
M930	5 T Truck, Dump	Cummins NHC-250 MT654
M930A1	5 T Truck, Dump	Cummins NHC-250 MT654
M930A2	5 T Truck, Dump	6CTA-8.3 MT654
M931	5 T Truck, Tractor	Cummins NHC-250 MT654
M931A1	5 T Truck, Tractor	Cummins NHC-250 MT654
M931A2	5 T Truck, Tractor	6CTA-8.3 MT654
M932	5 T Truck, Tractor	Cummins NHC-250 MT654
M932A1	5 T Truck, Tractor	Cummins NHC-250 MT654
M932A2	5 T Truck, Tractor	6CTA-8.3 MT654
M934	5 T Truck, Van Exp	Cummins NHC-250 MT654
M934A1	5 T Truck, Van Exp	Cummins NHC-250 MT654

**Table 4-2
Tactical wheeled vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M934A2	5 T Truck, Van Exp	6CTA-8.3 MT654
M935	5 T Truck, Van Exp	Cummins NHC-250 MT654
M935A1	5 T Truck, Van Exp	Cummins NHC-250 MT654
M935A2	5 T Truck, Van Exp	6CTA-8.3 MT654
M936	5 T Truck, Wrecker	Cummins NHC-250 MT654
M936A1	5 T Truck, Wrecker	Cummins NHC-250 MT654
M936A2	5 T Truck, Wrecker	6CTA-8.3 MT654
M939	5 T Truck, Chassis	Cummins NHC-250 MT654
M940	5 T Truck, Chassis	Cummins NHC-250 MT654
M941	5 T Truck, Chassis	Cummins NHC-250 MT654
M942	5 T Truck, Chassis	Cummins NHC-250 MT654
M943	5 T Truck, Chassis	Cummins NHC-250 MT654
M944	5 T Truck, Chassis	Cummins NHC-250 MT654
M945	5 T Truck, Chassis	Cummins NHC-250 MT654
M973	SUSV	OM617,952 603.950 W4A-018
M973A1	Carrier, Cargo	603.950 W4A040
M977	10 T Truck, Cargo	DD8V92TA DDA-HT740D
M978	10 T Truck, Tanker	DD8V92TA DDA-HT740D
M983	10 T Truck, Tractor	DD8V92TA DDA-HT740D
M984	10 T Truck, Wrecker	DD8V92TA DDA-HT740D
M984A1	10 T Truck, Wrecker	DD8V92TA DDA-HT740D
M985	10 T Truck, Cargo	DD8V92TA DDA-HT740D

**Table 4-2
Tactical wheeled vehicles—Continued**

End Item Model	Nomenclature	Component(s)
M985E1	10 T Truck, Cargo	DD8V92TA DDA-HT740D
M1013	10 T Truck, Tractor (MAN)	D-2840 ZF4S-150-GP
M1014	10 T Truck, Tractor (MAN)	D-2840 ZF4S-150-GP
M1065	Carrier, Command Post	603.950 W4A040
M1066	Carrier, Ambulance	603.950 W4A040
M1067	Carrier, Cargo	603.950 W4A040
M1078	2 1/2 T Truck, Cargo	Cat 3116 Allison MD-D7
M1079	2 1/2 T Truck, Van	Cat 3116 Allison MD-D7
M1081	2 1/2 T Truck, Cargo LAPES	Cat 3116 Allison MD-D7
M1083	5 T Truck, Cargo	Cat 3116 Allison MD-D7
M1084	5 T Truck, Cargo W/MHE	Cat 3116 Allison MD-D7
M1085	5 T Truck, Cargo LWB	Cat 3116 Allison MD-D7
M1086	5 T Truck, Cargo LWB W/MHE	Cat 3116 Allison MD-D7
M1088	5 T Truck, Tractor	Cat 3116 Allison MD-D7
M1089	5 T Truck, Wrecker	Cat 3116 Allison MD-D7
M1090	5 T Truck, Dump	Cat 3116 Allison MD-D7
M1093	5 T Truck, Cargo LAPES	Cat 3116 Allison MD-D7
M1094	5 T Truck, Cargo LAPES	Cat 3116 Allison MD-D7
530B	Truck, Fire	LDS-465-1
530BAM	Truck, Fire	LDS-465-1
FT750	Truck, Firefighting, Pumper	LDT-465-1
2500L	Truck, Fire	DD6V92 HT750DRD

Notes:

¹ Indicates Hydraulic System.**Table 4-3
Locomotives**

End Item Model	Components
Loco 10T	DD-3080
Loco 25T	Cummins HBI-600
Loco 44T	Cat D-17,000
Loco 45T	Cummins HBI-600
Loco 60T	Cat D-397
Loco 60T	Cat3508
Loco 80T	Cummins NHBS-600

**Table 4-3
Locomotives—Continued**

End Item Model	Components
Loco 80T	Cummins HHBIS-600
Loco 80T	Cummins LI-600
Loco 80T	Cummins NTA-855-L4
Loco 100T	EMD 8-567B
Loco 100T	American 539
Loco 115T	American 539-S
Loco 120T	American 224F
Loco 120T	Baldwin 606A
Loco 120T	Fairbanks Morse 38D-81/8
Loco 120T	Fairbanks Morse H12-44
Loco 120T	EMD 16-567B
Rail Crane 25 T	D 13,000
Rail Crane 40 T	DD-671

**Table 4-4
Watercraft**

End Item Model	Nomenclature	Component(s)
BP	Boat Picket	4002
BP	Boat Picket	4003
BD	100T Crane, Barge, Design 264B	6EN-668 GAB4 DSM-6 31A6 5EN668
BDL	Lighter, Beach Discharge, Mark 1	5002
FMS	Repair Shop, Floating, Marine Equipment	7011
FS	Vessel, Freight Supply	381
FS	Vessel, Freight Supply and Sutton	7013
HSPB	High Speed Patrol Boat	400-Merlin
LACV	30T Lighter, Amphib Air Cushion	PWST6T-76 Comb Gearbox Xmsn APU
LARC-LX	60T Lighter, Amphib	6080RA 6081RC
LARC-XV	15T Lighter, Amphib	300
LCM-8	Landing Craft, Mech	671LB63A 671LD63A 671RB63A 671RD63A
LCU	Landing Craft, Utility	W-RC1062-7000 671
LCU	Landing Craft, Utility, Class 1466A	1062-7000 1062-3000 1033-7005 1043-5000
LCU-1646	Landing Craft, Utility	GM 1043-7000 GM 7122-7000 GM 1033-7005 MG-514
LCU2000	Landing Craft, Utility	KTA 50 M NTA-855 (Gen) 4BT3.9(Gen) NT855-M (Bow Thruster) WAV850PT WAV850SB

**Table 4-4
Watercraft—Continued**

End Item Model	Nomenclature	Component(s)
LSV	Logistic Support Vessel	EMD 16-645E6 3406-B (Gen) 3304-B (Gen) 3306-B (Bow Thruster) MG-509
LT	Tug 1200 Horsepower	LS6-DRT HS400-3
LT	Large Tug	EMD 12-645F7B Cat 3408DI-TA-JW Cat 3304 NA Cat 3306 TA
LVTC-7	Landing Craft	DD8V53T HS400-3
LVTC-7A1	Landing Craft	VT400 HS400-3
LVTP-7	Landing Craft	DD8V53T HS400-3
LVTP-7A1	Landing Craft	VT400 HS400-3
LVTR-7	Landing Craft	DD8V53T HS400-3
LVTR-7A1	Landing Craft	VT400-3 V903 HS400-3
ST	Tug 200 Horsepower	320 6DCMR 1879
ST	Tug 600 Horsepower	3004
T-449	Boat, Passenger and Cargo	Cat D 375

Main Engines on Watercraft

Atlas Imperial 45M5X8	Detroit Diesel 6-71
Buda 6 DCSM-R-1879	Detroit Diesel 12V-711
Caterpillar D353	Fairbanks Morse 37-F-16
Caterpillar D375	Fairbanks Morse 38D-8-Y8
Cooper Bessemer FVA-8-MGT	GM 6 through 12-278A
Cooper Bessemer LS6DRT	Norberg 32112
Cummins V8-300	Pratt & Whitney ST6T-76

Auxiliary Engines on Watercraft

Caterpillar D311, D318, D364, and D375
Cleveland Diesel (all models)
Detroit Diesel (all models)
General Motors (all models)
Joshua Hendy D-56-E

**Table 4-4
Watercraft—Continued**

End Item Model	Nomenclature	Component(s)
Norberg 4SF2 and 4F53		
Waukesha (all models)		
Bridging Equipment		
Boat Bridge Erection, HPI-27A		DD-353
Boat Bridge Erection, HPI-27B	DD-353 Sabre 212 10-18-000-017	
Boat Bridge Erection, HPI-27C		DD-353
Boat Bridge Erection, HICE-27D		DD-353
Boat Bridge Erection, USCSBMK1	Sabre 212 10-18-002	
Boat Bridge Erection, USCSBMK2	Sabre 212	
Bridge, Mobile Assault		DD8V71 HT-70

**Table 4-5
Material handling equipment**

End Item Model	Nomenclature	Component(s)
50K ¹	RTCH	Cat 3408T, 3P9094 Cat 5R3855(11083)
H40XL-MIL ¹ MHE 265	Fork Lift 4,000 LB	Isuzu C240 360311
H60XL-MIL ¹ (MHE 266)	Fork Lift 6,000 LB	Isuzu C240 360311
MLT-6 ¹ (MHE200)	RTFL 6,000 LB	DD-453N Allison 3331-1
MLT-6CH ¹ (MHE202)	FL 6,000 LB	DD-453N Allison 3331-1
ARTFT-6 ¹ (MHE222)	FL 6,000 LB	DD-453N Allison 3331-1
RTL-10 ¹ (MHE199)	RTFL 10,000 LB	DD6V53 Allison CRT 3531-1
RTL-10-1 ¹ (MHE21 5)	RTFL 10,000 LB	DD6V53 Allison CRT 3531-1
MLT-6-2 ¹ (MHE230)	RTFL 6,000 LB	DD-453N Allison 3331-1
M10A ¹ (MHE236)	RTFL 10,000 LB	IHC DT-466B IHC S-700
M4K ¹ (MHE237)	RTFL 4,000 LB	Case 207D Clark 11.2 HR 18340
HC-238A ¹ (MHE248)	140T Crane	Upper DD6-71N Lower DD6V-92TC
6250TC1 ¹ (MHE247)	250 T CRANE	KT-1150-C450 KT-450 Allison CLBT 5960

**Table 4-5
Material handling equipment—Continued**

End Item Model	Nomenclature	Component(s)
9125TC ¹	140 T CRANE	Upper V-903-C-265 Lower NTF-365 Twin DISC CO-11500
6000M ¹	RTFL	6BT 5.9 FUNK 1723
RT875CC ¹	RTCC	6CTA-8.3 CLARK C273.5

Notes:

¹ Indicates Hydraulic System.**Table 4-6
Construction equipment**

End Item Model	Nomenclature	Component(s)
1125	60 T Crane	Cummins NTC-380-1
120ROPS	Grader	Cat D-333 3R9859
130G	Grader, Road	Cat 3304 DIT 5R6192
130GNS	Grader, Road	Cat 3304 5R6192
130GNSCE	Loader	Cat 3304 DIT 5R6192
130GS	Grader, Road	Cat 3304 5R6192
130GSCE	Grader, Road	Cat 3304 5R6192
175B	Loader, Scoop	DD8V71N NT-855-C Clark 4000 Powershift
22BM	12 1/2 T Crane, Mtd	Cummins JN-6-1
270-9	Earth Auger	DD 353
2380	20 T Crane	Cummins V8-265-B1 Cummins JN6 CL 8402-2
2385	20 T Crane	Cummins V8-265-B1 Cummins JN6 13205E3554
290M	Tractor, Wheeled	NT380 Clark 8420-1
440HA	Grader, Road	DD4057C
4D	Grader, Road	DD4-025
4DW	Grader, Road	DD4-025
580D	Grader, RT, Wheeled	Case 207D
5060	40 T Crane, Crawler	DD 4-71-T DD 23010052
5157B	Crusher, Jaw	CM Corp SD-802
5230B	Crusher, Jaw	CM Corp SD-802 Cummins N855, P235
613BSNS	Scraper, Self Pro- pelled	Cat 3208 6138/8S3543
613BSNS1	Scraper	Cat 3208 613B/8S3543

**Table 4-6
Construction equipment—Continued**

End Item Model	Nomenclature	Component(s)
613BSS	Scraper, Self Propelled	Cat 3208 613B/8S3543
613BSS1	Scraper	Cat 3208 613B/8S3543
613BWDNS	Water Distributor, Self Propelled	Cat 3208 613B/8S3543
613BWDS	Water Distributor, Self Propelled	Cat 3208 613B/8S3543
621B	Scraper, Self Propelled	3406 621B/7G2780
624VL	Ditcher	DD6V71N CLT-44-60
645M	Loader, Scoop	Allis-Chalmers 3500 Allison TT 2420-1
75TPH Eagle	Crusher	N855,P235
830MB	Tractor, Whld	Cat D343T 5S4350
855BG	40 T Crane, Shovel	Cat D333TA
855BG2	40 T Crane, Shovel	Cat D333TA
855BG3	40 T Crane, Shovel	Cat D333TA
950BNS	Loader, Scoop	Cat 3304 7G4851
950BNSCE	Loader	Cat 3304 7G4851
950BS	Loader, Scoop	Cat 3304 7G4851
950BSCE	Loader	Cat 3304 7G4851
B2-1171	Mixer, Rotary Tiller	FWD Corp JN130B HMD 23121 Funk
BFS-400	Paving Machine	DD 353
C350B	Roller, Tandem	DD 353
C350B-D	Roller	DD 353
C530A	Roller, Pneu	DD 353 393303
Cat 12	Grader, Road	Cat D-333
Cat 120	Grader, Road	Cat D-333 3R9859
Cat D5	Tractor, Full Tracked	Cat 3306 3S7094
Cat D5A	Tractor, Full Tracked	Cat 3306 3S7094
Cat D5B	Tractor, Full Tracked	Cat 3306 3T3394
Cat D7E	Tractor, Full Tracked	Cat D-333 3R2211 Cat 4 Cyl 811 CID
Cat D7F	Tractor, Full Tracked	Cat 6 Cyl 638 CI 5R82
Cat D7G	Tractor, Full Tracked	Cat 3306 9P5382
D5BNS	Tractor, Full Tracked	Cat 3306 D5/3T3394

**Table 4-6
Construction equipment—Continued**

End Item Model	Nomenclature	Component(s)
D5BS	Tractor, Full Tracked	Cat 3306 D5/3T3394
D5BS1	Tractor, Full Tracked	Cat 3306 3T3394
D-60	Distributor, Bitum	NHC-250
D8K	Tractor, Full Tracked	Cat D342 3N1869
F1500M	Grader, Road	DD6V53 Clark 28420-6 Powershift
F1500MW	Grader, Road	DD6V53 Clark 28420-6 Powershift
F5070	20T Dump Truck	NTC-290 6881293 HT750CRD
H100C RB	Loader, Scoop	1HDT-817C P-2004 Powershift
H100C GPB	Loader	1HDT-817C P-2004 Powershift
H446	Crane	DD-353 1200-1865
H446A	5T Crane, Whld, Mtd	DD6V53N 8FLW1307
H-90CM	Loader, Scoop	Cummins JT-6-BI BDB-213C2 Powershift
HD16M	Tractor, Full	Allis 844 CID 642601
HMMH	Tractor, Wheeled	OM 352 BENZ
JD-410	Tractor, Backhoe	JD 4-2-19DT-03 DP23981
JD-550	Tractor, Full Tracked	4276TT01 JD550/AT49678
K300	Compactor, High Sp	Cat 3208 Clark 28000
LRT-110	Crane	4B 3.9 FUNK 1724
M320RT	20T Crane Carrier	Cummins V903 282472 (12-603) DD 453
M878A1	Tractor, Yard	DD 6V53T MT 653 DDA-ALS
M9	Armored Combat Earthmover	Cummins V903 Clark Powershift 288835
MT250	25T Crane	DD6V53N
MW24	Loader, Scoop	Case 504BD ALS TT2421-1
MW24B	Loader, Scoop	Case A504BDT Allison TT2421-1
MW24C	Loader, Scoop	Case A504BDT Allison TT2421-1
MW24ROPS	Loader, Scoop	Case 504BD Allison TT2421-1

**Table 4-6
Construction equipment—Continued**

End Item Model	Nomenclature	Component(s)
RS28	Roller, Vib	DD 4-53
RT41AA	Scamp, Crane SP	White D3400X289 Clark 12.6HR183278
SEE<ftnref ftnote='tbl4-6-fn2'>	Tractor, Wheeled	OM 352 BENZ
SP-848	Roller, Vib	DD 353
SM54A	Roller, Towed	DEUTZ F2L511
TL-645	Loader Scoop	AC-3500 Allison TT 2420-1
T0730H-KEG	Mixer	Cummins 6BT-5-9
TMS 300-5	25T Crane	DD 671

Notes:

¹ Indicates Hydraulic System.² Denotes multiple hydraulic systems to be sampled. Designate appropriate hydraulic on DD 2026; i.e., left or right.**Table 4-7
Support equipment—Generators**

End Item Model	Nomenclature	Component(s)
MEP-004A	15/60 HZ Gen Set	D198ERX51
MEP-113A	15/400 HZ Gen Set	D198ERX51
MEP-103A	15/60 HZ Gen Set	D198ERX51
MEP-005A	30/60 HZ Gen Set	D298ERX37
MEP-104A	30/60 HZ Gen Set	D298ERX37
MEP-114A	30/400 HZ Gen Set	D398ERX37
MEP-006A	60/60 HZ Gen Set	AC 3500
MEP-105A	60/60 Gen Set	AC 3500
MEP-115A	60/400 HZ Gen Set	AC 3500
GTGE 709-2	60/400 HZ Gen Set	GTP 70-52
MEP-404B	60/400 HZ Gen Set	T62T32A
MEP-007A	100/60 HZ Gen Set	D 333C(T)
MEP-106A	100/60 HZ Gen Set	D 333C(T)
MEP-007B	100/60 HZ Gen Set	76-4106-CAT
MEP-116A	100/400 HZ Gen Set	D 333C(T)
B413	150/400 HZ Gen Set	RTG3600C-S1
D424A	150/400 HZ Gen Set	DDA 04043B02
MEP-009A	200/60 HZ Gen Set	Cat D 343T/A
MEP-108A	200/60 HZ Gen Set	Cat D 343T/A
MEP-009B	200/60 HZ Gen Set	Cat D 343T/A
MEP-029A	500/60 HZ Gen Set	VTA1 1710G VTA28G1
EMD 12-567	700/750 KW Gen Set	16-567-C
600-TV-75	750 KW Gas Turbine 50/ 60 HZ	T-1010S-39
MEP-208A	750 KQ 50/60 HZ Gen Set	KTA 2300G
MEP-362A	10 KW/28VDC	TT10-1
MP36A-60HZ	1250/50 HZ Power Plant	16-567-E4
SM500-6800-3	1500/60 HZ Power Plant	D 398A 3EA
SM500-6800-4	2000/60 HZ Power Plant	Cat D398A
MP36A	4500/60 HZ Power Plant	Cat D398A
1500M	Gen Set	DD-6V53
Support Equipment—Power Units		
Power Units	Generators	Component
PU-405A/M ...	MEP-004A	D198ERX51
PU-406B/M ...	MEP-005A	D298ERX37
PU-495A/G ...	MEP-007A	D 333C (T)
PU-495B/G ...	MEP-007B	76-4106-CAT
PU-650B/G ...	MEP-006A	AC 3500
PU-699A/M ...	MEP-006A	AC 3500
PU-700A/M ...	MEP-006A	AC 3500
PU-707A/M ...	MEP-115A	AC 3500
PU-732M	MEP-113A	D198ERX51
PU-760M	MEP-114A	D398ERX37
AN/MJQ-10A ..	MEP-114A	D398ERX37
AN/MJQ-11A ..	MEP-009A	CAT D 343T/A

**Table 4-7
Support equipment—Generators—Continued**

End Item Model	Nomenclature	Component(s)
AN/MJQ-12A ..	MEP-006A	AC 3500
AM/MJQ-14A	MEP-006A	AC 3500
AN/MJQ-15 ...	MEP-113A	D198ERX51
AN/MJQ-21 ...	MEP-4048	T62T32A
AN/MJQ-24 ...	D424A	DDA 0403B02
Support Equipment—Power Units (Utility)		
Power Unit		Component
PPU 85-4		GTCP85-127 Airesearch
LPC 71W		GTCP85-127 Airesearch
PPU 85-5		GTCP85-127 Airesearch
LPU-71		GTCP85-127 Airesearch
APP-1		GTCP85-127 Airesearch
JHTWX 10/96		GTCP85-127 Airesearch
35KVA		GPT30-150E
Support Equipment—Air Compressors		
End Item Model		Component
250 DCMS1		JD-403
250 PRV		DD-453
750 DPQ		DD-6V71N
RMS-250		DD-6V53N
P250-WDMH268		DEUTZ
Support Equipment—Pumps		
800 GPM		Cummins NTTA-855-P450
US90 CCD-1		DD 353
US612 ACD-1		DEUTZ AG F6L 91213
Support Equipment—Well Drillers		
LP-12		Navistar Int'l DT1-466C
Support Equipment—Training Aid		
AMCT ¹	Armor Moving Target Car-	Hydraulic Systems
	rier	

Notes:

¹ Indicates Hydraulic System.**4-6. Supplies**

The unit will maintain an adequate level of sampling supplies. Supplies required for sampling operations are listed in Table 4-8. Quantities are determined by number and types of equipment enrolled in the AOAP and the frequency at which they are sampled.

**Table 4-8
Supplies required for oil sampling operations**

Item	NSN	Unit of issue
Tubing, Nonmetallic (1/4' OD)	4720-00-964-1433	Roll (1,000 ft.)
Pump, Oil Sampling	4930-01-119-4030	Each (1)
Bottle, Oil Sampling	8125-01-082-9697	Box (120 ea.)
Bag, Plastic	8105-00-837-7754	Box (1,000 ea.)
Sack, Shipping	8105-00-290-0340	Box (250 ea.)
Replacement O-Rings for the Oil Sampling Pump are:		
Old-Style Pump (with stand)		
O-Ring	5330-00-579-8156	Each (1)
O-Ring	5330-01-231-5216	Each (1)
New-Style Pump (no stand)		
O-Ring	5330-00-579-8156	Each (1)
O-Ring	5330-01-133-5858	Each (1)
O-Ring	5330-01-226-8750	Each (1)
O-Ring	5330-01-231-5216	Each (1)

4-7. How to sample

a. Samples may be taken without warming a component to operating temperature if the equipment has been operated within the last 30 days. If the equipment has not been operated within the last 30 days, it must be brought to operating temperature before sampling. This applies to both routine and special samples. There will be occasions when the laboratories may request that a component be

operated before sampling. This request will be complied with.

Note. Although the above procedure authorizes taking cold samples, all samples taken on components with turbine engines must be taken at normal operating temperature. It is recognized that there are times when the ambient temperature is so low that one cannot take a cold sample readily. Equipment may need to be operated to warm the oil enough to extract the sample easily; but it need not be brought to operating temperature. Equipment coming out of storage must always be brought to operating temperature prior to oil sampling.

b. Samples taken from an oil reservoir immediately after addition of new oil will not be representative, and will not become representative until complete mixing of the old and new oil has taken place. This requires operation until normal operating temperature has been obtained.

c. To take an oil sample using the valve method, simply open the valve and flush a small amount of oil from the line into an approved container to clear the valve. Fill the sample bottle to approximately 1/2-inch from top. Then close the valve.

d. The oil sampling pump method is used to take samples through the oil filler neck or through the dipstick hole. The procedure is as follows:

(1) Determine how far the tubing has to be inserted into the reservoir by using the dipstick as a gauge. Cut tubing to a length approximately 10 inches longer than the dipstick.

(2) Attach tubing to sampling pump by inserting tubing through "T" handle opening. Allow tubing to extend approximately 1/4-inch below pump head threads, and tighten "T" handle.

(3) Attach bottle to sampling pump.

(4) Carefully insert tubing into reservoir. Do not allow the tubing to touch the bottom or sides of the reservoir, since any sludge entering the tubing will contaminate the sample.

(5) Hold sampling pump horizontally and pump until oil starts entering the bottle. Fill the bottle to approximately 1/2-inch from top. Depress vacuum relief valve (on top of pump) to stop flow.

(6) Remove bottle from pump, replace and tighten bottle cap.

(7) Withdraw tubing from reservoir. Loosen "T" handle and remove tubing from pump. Discard tubing.

(8) Replace reservoir cover.

e. Once you have drawn a sample, fill in your equipment bumper number, component serial number, and hours and miles on the sample bottle label to identify sample and use to complete DD Form 2026.

4-8. Preparing the sample for the laboratory

a. Complete a DD Form 2026 (fig 4-1) for each oil sample being submitted to the laboratory. The automated version of DD Form 2026 (DA Form 5991-E, Oil Analysis Request (Automated)) (fig 12-8) will be used if your unit is equipped with the Unit Level Logistics System (ULLS).

b. When samples are to be mailed, and the number is four or less, use the shipping sack. Insert the sample bottle(s) into the plastic bag and seal. Place the completed DD Form 2026 into the shipping sack along with the plastic bag(s). Send it by first-class mail to your supporting laboratory. Do not use bulk mail or parcel post. When the number of samples is five or more, use the boxes that the empty bottles came in. Place the DD Form 2026 in a plastic bag and lay it on top of the bottles.

c. When delivering the sample directly to the laboratory by courier, fold the completed DD Form 2026 in half (length-wise), wrap it around the sample bottle and secure it with a rubber band. Dispatch by courier to the laboratory.

d. When the DD Form 2026 is received from the laboratory, either annotate all appropriate information on the DA Form 2408-20 (Oil Analysis Log) or maintain until receipt of automated print-out(s). The DD Form 2026 will be discarded unless directed otherwise by local SOP.

4-9. Feedback data

a. Laboratory recommendations will be annotated on DA Form 3254-R (Oil Analysis Recommendation and Feedback) (fig 4-2) for

components when the sample analysis indicates a problem. The form will be used only when a maintenance action is recommended and not to request resamples or recommend oil changes. The DA Form 3254-R will be forwarded to the using unit.

b. After personnel in the using unit have performed the laboratory-recommended inspection or maintenance action, they will complete the lower portion of DA Form 3254-R. Block 14 will be used to explain any diagnostics performed, discrepancies found, and actions taken to return the component to a serviceable condition. Also include in this block the QDR/EIR number and work order number. The DA Form 3254-R will be returned to the laboratory within 5 working days after maintenance is accomplished.

c. If a component is evacuated for repair, a copy of the DA Form 3254-R will accompany it along with other appropriate paperwork. The support maintenance or overhaul facility will record the maintenance accomplished on the DA Form 3254-R, and return it to the originating laboratory within 5 working days after maintenance is accomplished.

4-10. Special instructions

a. Store unused sampling supplies in a clean, closed container.

b. Avoid contamination of cut tubing and the inside of bottle caps.

c. Use new tubing to fill each sample bottle.

d. The relief valve on the oil sampling pump must be depressed at the proper time to prevent the used oil from entering the vacuum chamber of the pump. If this happens, clean thoroughly with dry-cleaning solvent and allow to air dry before reuse.

e. For new equipment under manufacturer's warranty, manufacturer's hard-time oil service intervals will be followed. However, if the laboratory recommends an oil change, the recommendation will be followed. The unit will also change oil at the appropriate hardtime interval in order to keep the warranty valid. After the warranty period expires, normal AOAP oil change procedures will apply. If the laboratory recommends that a warranty component be removed or maintenance performed, the AOAP monitor will contact the supporting warranty control office and provide details of laboratory recommendations relative to the item under warranty.

f. For the purpose of determining usage data on equipment (traveling at low speed) with no hour-meter, the following formula may be used as a guide in converting miles or kilometers to hours: 10 miles or 16 kilometers is equal to 1 hour of operation. When operating on open highway, single or convoy, and the speed exceeds 35 MPH, use actual travel time (clock time).

g. Anytime a unit relocates, either permanently or through temporary deployment, the following is necessary:

(1) The unit will notify the home base (servicing) laboratory concerning transfer/deployment schedules in advance of departure. Advance notice is required in order to provide the laboratory sufficient time for orderly processing of records for transfer to the supporting laboratory.

(2) The losing laboratory will forward equipment AOAP records directly to the gaining laboratory unless directed otherwise.

h. Transient units are responsible for obtaining complete oil analysis records for their equipment from the losing laboratory and for delivery of the records to the gaining laboratory at the new operating site. If sufficient time is not available to comply with these procedures before departure, the unit will notify the losing laboratory concerning the relocation, and the losing laboratory will mail all required oil analysis records to the gaining laboratory.

4-11. Combat vehicles

Refer to table 4-1 for enrolled equipment.

a. For the purpose of taking routine samples from the engines and transmissions, 25 hours of operation or 60 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 25 hours or 180 days as the prescribed interval.

Note. The sampling interval for transmissions on the M1, M1A1, and M1IP

is 75 hours or 90 days for Active Army and 75 hours or 180 days for Reserve and National Guard activities.

b. Reserve and National Guard equipment in frequent use during active training periods will adhere to the schedule for active Army units.

c. Reserve and National Guard equipment not operated for 180 days or more will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

d. All designated hydraulic fluid systems, as denoted by a footnote designator of¹ (see table 4-1) after the end item model, will be sampled once a year.

Note. The recoil mechanism/gun mount on combat equipment is NOT to be sampled.

4-12. Tactical wheeled vehicles

Refer to table 4-2 for enrolled equipment.

a. For the purpose of taking routine samples from the engines and transmissions, 100 hours of operation or 90 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 100 hours or 180 days as the prescribed interval.

b. Reserve and National Guard equipment in frequent use during active training periods will adhere to the schedule for active Army units.

c. Reserve and National Guard equipment not operated for 180 days or more will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal AOAP sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

d. All designated hydraulic fluid systems, as denoted by a footnote designator of¹ (see table 4-2) after the end item model, will be sampled once a year.

e. When a tactical vehicle is scheduled for a mission that would cause it to exceed the 100 hours or 1,000 mile interval, the following applies:

(1) Oil sampling will be done before departure and on arrival at the destination, if possible. The procedure will be repeated when returning to home base.

(2) While at the deployment site, the regular sampling interval established for the end-item component will apply. Samples will be sent to the laboratory servicing the deployment site.

4-13. Diesel-electric (D-E) locomotives

Refer to table 4-3 for enrolled equipment. For the purpose of taking

routine samples from the engines aboard the locomotives, 25 hours of operation or every 90 days, whichever occurs first, will be used as the prescribed interval for active Army, Reserve, and National Guard activities. Locomotives in daily use may extend sampling intervals to 100 hours or 90 days.

4-14. Watercraft

Refer to table 4-4 for enrolled equipment.

a. For the purpose of taking routine samples from the engines and transmissions, 100 hours of operation or every 90 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 50 hours or 180 days as the prescribed interval.

b. Reserve and National Guard equipment in daily use during active training periods will use the sample interval for active Army units.

c. Reserve and National Guard equipment not operated for 180 or more days will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal AOAP sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

4-15. Material handling/construction/support equipment

Refer to tables 4-5, 4-6, and 4-7 for enrolled equipment.

a. For the purpose of taking routine samples from the engines and transmissions, 50 hours of operation or 90 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 50 hours or 180 days as the prescribed interval.

b. Reserve and National Guard equipment in frequent use during active training periods will adhere to the schedule for active Army units.

c. Reserve and National Guard equipment not operated for 180 or more days will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

Note. Table 4-5 identifies material handling equipment. Table 4-6 identifies construction equipment. Table 4-7 identifies support equipment.

d. All designated hydraulic fluid systems, as denoted by a footnote designator of I (see tables 4-5 and 4-6) after the end item model will be sampled once a year. The hydraulic fluid system on the AMCT (table 4-7) will be sampled every 500 hours or 90 days.

OIL ANALYSIS REQUEST			KEYPUNCH CODE
TO	OIL ANALYSIS LAB FT. HOOD		1-3
FROM	MAJOR COMMAND FORS COM		4
	OPERATING ACTIVITY (Include ZIP Code, APU, DOD AAD) HQ CO 166 ARMOR, 2 AD (WAD 570) FT. HOOD, TX 76544 685-3988		5-10
EQUIPMENT MODEL/APL ENGINE AVDS 1790-2D			11-14
EQUIPMENT SER. NO. A0606			15-20
END ITEM MODEL/HULL NO. TANK M60A1			
END ITEM SER. NO./EIC 6486			
DATE SAMPLE TAKEN (Day, Mo., Yr.) 15 MAR 90		LOCAL TIME SAMPLE TAKEN	21-24
HOURS/MILES SINCE OVERHAUL 346			25-29
HOURS/MILES SINCE OIL CHANGE 67			30-32
REASON FOR SAMPLE LAB REQUEST <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> REQUEST <input type="checkbox"/> TEST CELL <input type="checkbox"/> OTHER (Specify)			34
OIL ADDED SINCE LAST SAMPLE (Pt. Qts Gals.) 1 GAL			35-36
ACTION TAKEN			
DISCREPANT ITEM			
HOW MALFUNCTIONED			
HOW FOUND <input type="checkbox"/> LAB REQUEST <input type="checkbox"/> AIR OR GROUND CREW			
HOW TAKEN <input checked="" type="checkbox"/> DRAIN <input type="checkbox"/> TUBE	SAMPLE TEMPERATURE <input checked="" type="checkbox"/> HOT <input type="checkbox"/> COLD		TYPE OIL OE 30
REMARKS J. Palfrey J. Palfrey MI 4761			
FOR LAB USE ONLY			
SAMPLE RESPONSE TIME			39-40
PE 41-43	AG 44-46	AL 47-49	CR 50-52
			CU 53-55
			MG 56-58
			NI 59-61
PB 62-64	SI 65-67	SN 68-70	TI 71-73
			MO 74-76
LAB RECOMMENDATION			77-78
SAMPLE NO	SIGNATURE	FILE MAINT 79	DATA SEQ 80

FORM DD 2026 NOV 77 PREVIOUS EDITION WILL BE USED

Figure 4-1. Sample of a completed DD Form 2026

Legend for Figure 4-1:

Completion Instructions for DD Form 2026

- To Oil Analysis Lab:** Enter the name of your supporting laboratory.
- From Major Command.** Operating Activity. Include on these two lines, your major command (FORSCOM, TRADOC, USAREUR, ELISA, and so forth), full unit designation and address, UIC, and telephone number.
- Equipment Model/APL.** Enter nomenclature and model number of the component; for example, Engine AVDS 1790-2A, Xmsn CD 850-6A, and Hydr Sys.
- Equipment Serial No.** This block shall contain the serial number of the engine or the components being sampled. On watercraft with twin

engines, such as the LCM8s, the identification will consist of the serial number of the set and suffix identifying the particular engine. For example, the engines in serial number 12A7505 shall be designated 12A7505-LD or LB, and 12A7485 will be 12A7485-RD or RB.

- End Item Model/Hull No.** Self-explanatory.
- End Item Serial No./EIC.** Enter End Item Serial Number.
- Date Sample Taken.** Self-explanatory.
- Local Time Sample Taken.** Leave blank.
- Hours/Miles Since Overhaul.** Enter cumulative number of hours/miles on the component since new or last overhaul.
- Hours/Miles Since Oil Change.** Enter number of hours/miles since last oil change on the component. If neither the component nor the

end item has an odometer or hour-meter, enter the total estimated hours.

- 11 **Reason for Sample.** Check the block that is applicable. When the reason is other, explain under remarks; for example, initial sample, loss of engine power, and excessive smoke.
- 12 **Oil Added Since Last Sample.** Self-explanatory.
- 13 **Action Taken.** Leave blank.
- 14 **Discrepant Item.** Leave blank.
- 15 **How Malfunctioned.** Leave blank.
- 16 **How Found.** Leave blank.
- 17 **How Taken.** Self-explanatory.
- 18 **Sample Temperature.** Self-explanatory.
- 19 **Type Oil.** Self-explanatory.
- 20 **Remarks.** The individual who took the sample will print first initial

and last name and sign. In addition, record the following equipment usage data in the lower right corner of the REMARKS block.

- a. The odometer reading of the end item in which the component is installed. (indicate whether the odometer reading represents miles (MI) or kilometers (KM). Do not convert the readings from miles to kilometers or kilometers to miles.)
- b. The end item hourmeter reading if the end item does not have an odometer; for example, HRS 50.
- c. If the end item has both an odometer and hourmeter, only record the odometer reading.
- d. Make sure total equipment usage is shown; i.e., the current meter reading plus usage from replaced meter(s). DID Form 314 (REMARKS block) will indicate if the equipment had a meter replaced and the usage of the old meter. Note: If the component is not installed in an end item, enter "uninstalled". Entries are NOT REQUIRED for end items not having an odometer or hourmeter.

OIL ANALYSIS RECOMMENDATION AND FEEDBACK <small>For use of this form, see TS 43-9106 and TS 43-0210; the proponent agency is DARCOM.</small>		REQUIREMENT CONTROL SYMBOL <small>CSGLD-1818</small>	
1. TO: FIELD (Include ZIP Code and Telephone Number) HQ BTRY 777 FA ATTN: MAINTENANCE OFFICER BLDG. NO. 17082 FT. HOOD, TX 76644-6000 PHONE NO. 672-9992		3. LAB RECOMMENDATION NUMBER 90-108	
2. FROM: LABORATORY (Include ZIP Code) FT. HOOD OIL LABORATORY BLDG. NO. 16388-a2 FT. HOOD, TX 76644-6000		4. END ITEM MODEL M36A2	
		5. END ITEM SERIAL NUMBER 7136-27841	
3. RECOMMENDATION AND REASON FOR ACTION OIL ANALYSIS SHOWS HIGH SILICON. RECOMMEND INSPECT AND REPAIR AIR INDUCTION SYSTEM. CHANGE OIL AND FILTER, AND RESAMPLE AFTER 5 HOURS OF NORMAL OPERATION.		6. COMPONENT TYPE ENGINE	
		7. COMPONENT SERIAL NUMBER 6748293	
		8. COMPONENT TIME (Hours/Miles) 424 HOURS	
10. SIGNATURE AND TITLE OF INITIATOR <i>H. Stewart, Lab Chief</i>		11. DATE (Day-Month-Year) 22 May 90	
12. NOTE FOR ARMY AVIATION ONLY: <small>Quality Deficiency Report (QDR), SF 388 will be submitted when maintenance is performed due to impending or incipient failure indicated by oil analysis. Failure Code 916</small>		13. QDR NUMBER	
14. FEEDBACK (Maintenance Performed/Action Taken) REPLACED AIR INDUCTION HOSE. CHANGED OIL AND FILTER. RESAMPLED AFTER 5 HOURS OF NORMAL OPERATION.			
15. FROM: FIELD/DEPOT MAINTENANCE PERSONNEL <i>Mary Ann Banta</i>		16. DATE (Day-Month-Year) 30 May 90	
17. TO: LABORATORY		NOTE FOR ARMY AVIATION ONLY: <small>Copy of this form with SF 388 (QDR) attached will be sent to Commander, CCAD ATTN: DRSTS-MER S'op 55 Corpus Christi TX 78419</small>	

DA FORM 3254-R NOV 80

EDITION OF JUN 78 IS OBSOLETE

Figure 4-2. Sample of a completed DA Form 3254-R

Legend for Figure 4-2:

Completion Instructions for DA Form 3245-R(1) through (11) These blocks will be completed by the laboratory.

(12) Aviation units will complete block 13 for Failure Code 916.

(13) Aviation units will complete in accordance with instructions in block 12.

(14) Feedback.

a. Explain any diagnostics performed, discrepancies found, and actions taken to return the component to a serviceable condition.

b. Include in this block the following information, when applicable.

(1) The Quality Deficiency Report (QDR)/Equipment Improvement Report (EIR) number.

(2) Work Order Number.

(15) **From.** Enter signature of the Field Depot Maintenance representative preparing the report.

(16) **Date.** Enter the calendar date (DDMMYY) the report was completed.

(17) **To.** Leave blank.

Chapter 5 Historical Records

5-1. General Information

a. Historical records are kept on specific items of equipment. They show required information and events in the life of equipment.

b. These records must be controlled and kept safe from loss or damage.

c. These records give commanders information on equipment transfers, gains, losses, usage, firing data, modifications, and the AOAP.

d. Historical records may be sent on dispatch. However, these forms are normally sent on dispatch only when they will be needed during the dispatch.

e. Never start a form until there is an entry needed on that form.

f. Remake a form only when it has been lost or so damaged that you cannot read the information on the form.

g. Commanders may consolidate historical records in one or more binders.

h. Historical records will always be filled out in ink or typewritten, unless the specific instructions for the form tell you to use pencil. Use blue or black ink.

5-2. Missing historical information or records

a. When equipment listed in appendix E arrives without forms or information, the Army activity that gets the equipment takes action.

(1) When the equipment comes from the Defense Logistics Agency or Defense Contract Administrative Services, fill out needed forms. Send copies out as the paragraph on the form directs you.

(2) When the equipment comes from an Army procurement activity, get any needed information from the manager. Look up the equipment's NSN on the AMDF. You can find the manager by the first position of the MATCAT Code column. You can also find the manager through the equipment's Federal Supply Class (FSC) in figures 11-6 through 11-12. The FSC is the first four numbers in the NSN. Send copies out as the paragraph on the form directs you.

(3) When the equipment comes from another Army activity, get the needed information from them. Then, make and send out needed forms.

(4) The equipment data plate, property book office, and maintenance forms can sometimes "fill in the blanks" on missing or damaged forms.

(5) If you have to remake a DA Form 2408-9 (Equipment Control Record) because the original form was lost or damaged, move all the information from the old form to the new form. In the

remarks blocks of the new form, print "NEW FORM INITIATED" and the date. If blocks 1, 2, and 3 of the lost or damaged form is unknown, your unit information goes in these blocks. Throw away the NMP copies of forms made to replace lost or damaged forms.

b. When none of these sources have the information you need, write a letter to the USAMC Logistics Support Activity (LOGSA). Send the letter to: Director, USAMC Logistics Support Activity, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Give them the NSN, serial number, and registration number, if one's been assigned, for each item you're asking about. LOGSA can usually give you the information for blocks 6, 7, 8, 9, 10, 11, and 12 of the DA Form 2408-9 and the current owner. This information is based on the latest acceptance, transfer or usage reports turned in. But if no reports were turned in, they may have no information for you. In that case, fill out a DA Form 2408-9. Your unit information goes in blocks 1, 2, and 3.

c. Do not take components or assemblies apart to see if a MWO has been applied. Also, do not take them apart to see how much usage they have had.

d. Do not open items packaged and in storage at a supply activity just to finish forms. Complete the forms when the item is issued.

5-3. DA Form 2408-4 (Weapon Record Data)(RCS CSGLD-1051)

a. The DA Form 2408-4 is used to record firings and other information on the service life of weapons with cannon or mortar tubes. This information is important to your safety. (See figs 5-1 and 5-2.)

b. The DA Form 2408-4, used with TB 750-231 and TM 9-1000-202-14, tells you the estimated remaining life of the tube, cannon serial number (the breech ring), and the weapon on which they are mounted.

c. Use this form to figure the total equivalent full charge (EFC) for the "rounds".

d. Use a second DA Form 2408-4 solely to note zeroing and boresight information on the M1

e. Use this form to keep up with services pulled on a tube on a rounds fired or on time basis. However, it will always be maintained with the gun, cannon, or mortar tube.

f. Appendix E indicates which items of equipment require this form.

g. Keep all your DA Forms 2408-4 in one logbook binder. Normally, you send the form out on dispatch only when the weapon will be fired, repaired or sent to support maintenance.

h. If you need special information from a DA Form 2408-4, write Commander, Watervliet Arsenal, ATTN:SMCWV-QAI, Watervliet, NY 12189, or call DSN 974-5127. When you ask about a specific cannon, include the following information:

(1) Tube serial number.

(2) Cannon size, model or series.

(3) Cannon serial number.

(4) When you do not have serial, size, and model numbers, give them all the information you do have.

i. Entries on the DA Form 2408-4 will be made in blocks 10a through 10j by the section chief, crew chief or someone designated in writing by the unit commander. These entries will be made within 24 hours of firing.

j. The information on this form is critical to your safety. Make sure all entries are correct, "add up", and are readable.

k. Send the DA Form 2408-4, as shown below, to Commander, Watervliet Arsenal, ATTN: SMCWV-QAI, Watervliet, NY 12189, when the form is filled.

(1) Active Army units send in the form on 10 April and 10 October each year.

(2) Reserve and National Guard units send in the forms on 10 October each year.

(3) When the weapon is put in storage, transferred or turned in, keep a copy of the DA Form 2408-4 showing all the data from the form you sent in. The new form will stay with the weapon at all times.

(4) A copy of the DA Form 2408-4 will go with the weapon when it is evacuated to depot for repair or overhaul.

l. Support maintenance units will send in the DA Form 2408-4 when—

(1) The tube or cannon is condemned.

(2) The tube, cannon, or weapon is lost to the Army inventory for any reason.

m. Before you mail the DA Form 2408-4 to Watervliet, do the following:

(1) Make a note in column i (Remarks) telling why the form is being sent in. For example, write “10 April report” in column i for forms sent in on that date. Print “condemned” and the reason in column i if the tube has been condemned. Put the date you sent in the form in column a. The unit commander signs in column j.

(2) Start a new DA Form 2408-4 with all the needed “brought forward” information on it. The unit commander signs in column j (fig 5-2).

n. The DA Form 2408-4 that shows only boresight and zero data will be held until it is filled. When it is filled, put the last boresight and zero information on a new DA Form 2408-4. Print “Boresight and Zero” in the top and bottom margins of the new DA Form 2408-4 (fig 5-3). Throw out the old DA Form 2408-4.

5-4. DA Form 2408-4 used for recording armament system and subsystems

a. DA Form 2408-4 gives a record of firings and component replacements of the 25mm automatic gun, and Air Defense Weapons Systems. (See figs 5-4 and 5-5.)

b. This DA Form 2408-4 records the rounds fired on each armament subsystem and component. It is used when components are replaced, overhauled or rebuilt on a rounds fired basis. The armament system TM lists components handled on a rounds fired basis.

c. Use one DA Form 2408-4 for each weapon in a subsystem. One form will be used for each weapon no matter how many barrels it has.

d. Appendix E indicates what equipment requires DA Form 2408-4.

e. Entries on this form will be made by the section chief, crew chief, or someone designated in writing by the unit commander.

f. Keep this form in a binder with all the unit’s DA Forms 2408-4.

g. Attach the form to the weapon when the armament subsystem is sent to support or depot, turned in or stored unmounted. Put the form in a protective cover.

h. When the form is filled, put needed information on a new form. Put at least the information from blocks I through 5, block 7, and the last entries in block 10 on the new form. For the 25mm automatic gun, fill in blocks 2 through 9, and the last entries in block 10 of the new form.

i. Keep completed forms for 90 days or until another form is filled, whichever comes first. Then throw out the completed form.

j. When equipment is overhauled or rebuilt, destroy the DA Form 2408-4. Start a new form with zero rounds fired on it.

k. Entries in blocks 1 and 3 will be in pencil. The remainder of the form will be completed in ink.

5-5. DA Form 2408-5 (Equipment Modification Record)

a. This form shows published and applied MWOs. (See fig 5-6.)

b. DA Form 2408-5 will be a permanent record on—

(1) All equipment that fits the DA Form 2408-5 in appendix E.

(2) Serially numbered missile components when an MWO applies to the component.

c. A component NSN may be changed by an MWO. If the component is marked with the MWO number, you do not need a DA Form 2408-5 on the new item. Start a new form only when an MWO is issued for the item under its new NSN.

d. The DA Form 2408-5 is split into two sections, modifications required and modifications completed, which shows the following:

(1) The “required” section shows data on published modifications

needed. You may get this information from the MWO, DA Pam 750-10, or other sources.

(2) The “completed” section shows data, man-hours, and the activity that applied the MWO. You get this information from the DA Form 2407. The organization that applies the MWO will usually make the entries in this section.

e. Start a DA Form 2408-5 only when you learn that an MWO has been issued on an item you have.

f. MWO entries will be current. The DA Form 2408-5 is the only historical record showing the current configuration of the equipment.

(1) When one MWO replaces another MWO, compare the two publications as follows:

(a) If the replaced MWO has been applied to your equipment, write up the action on the DA Form 2408-5. If more work is needed on the new MWO, line out the replaced MWO entry. Write “Superseded by (new MWO number)” in columns a and b. Put the new MWO information in columns a through e on the next open line. Put the date the new MWO is required to be completed in pencil in column f. If no more work is needed for the new MWO, also fill in columns f through j on the new MWO.

(b) If the replaced MWO has not been applied, line out the replaced MWO entry on the DA Form 2408-5. Write “Superseded by (new MWO number)” in columns a and b. Put the new MWO information in columns a through e on the next open line. Put the date the new MWO is required to be completed in pencil in column f.

(2) If an MWO is cancelled or completed, make sure the DA Form 2408-5 shows that information as follows:

(a) If the MWO has been applied and entries in columns a through i have been made, take no further action. Do not fill in any blank columns.

(b) If the MWO has not been applied and entries are in columns a through e, fill in columns f and g. List the publication that cancelled or completed the MWO in those columns. In columns h and i, cite the organization making the entry. The person who confirmed the cancelled or completed MWO signs his or her name and rank or title next to the organization.

(3) If an MWO has been applied, but not entered on the DA Form 2408-5, add it to the form as follows:

(a) Fill in columns a, b, c, d, and e. The MWO will give you the information for those blocks.

(b) In column f, put the date you determined the MWO had been applied.

(c) In column 5, enter the estimated man-hours listed in the MWO.

(d) In column h, print PCW (previously complied with) or whatever applies. Add the name of the maintenance activity that verified that the MWO has been applied.

(e) The person who confirmed the MWO signs in column j.

(f) Report the already applied MWO on a DA Form 2407. Paragraph 3-7 tells you how to handle the DA Form 2407.

(4) You may find a completed MWO entry on the DA Form 2408-5 when the MWO has not been applied. See (a) and (b) below:

(a) Draw a line through the MWO entry. Write “re-entered below” on the same line.

(b) Put the MWO information on the next open line in columns a through e. In pencil, note the calendar date the MWO is required to be completed.

(5) If an MWO that does not apply has been put on the DA Form 2408-5, draw a line through the entry. Print “not applicable” in column f on the same line.

(6) If a change comes out on an MWO listed on the DA Form 2408-5, draw a line through the entry. Put the new information on the next open line.

g. When a component or assembly that has a DA Form 2408-5 is removed for any reason to include evacuation to depot, attach the form to that item. Protect the form with a cover.

h. When a component or assembly that has a DA Form 2408-5 is installed, add the form to the missile system log.

5-6. DA Form 2408-9

a. Purpose. The DA Form 2408-9 gives maintenance managers at all levels a record of equipment acceptance and other inventory data. It also keeps up with ownership, location, usage, transfers, pins, losses, and overhaul. AR 710-3 controls registration numbers on Army vehicles. The DA Form 2408-9 is also used as a record of the registration number on the equipment (see fig 5-7 through 5-14).

b. Use.

(1) This form is used to keep up with equipment: acceptance, gains, losses, transfers, usage, overhaul, NSN changes, and registration numbers.

(2) Equipment requiring DA Forms 2408-9 are found in appendix E. Other equipment may need these forms under the U.S. Army Vehicle Registration Program in AR 710-3 or when directed by HQDA or other command. AR 710-3 has its own list of equipment needing DA Forms 2408-9. When equipment is covered by both this pamphlet and AR 710-3, keep only one set of forms. You do not need separate forms.

(3) LOGSA at Redstone Arsenal, AL, is responsible for maintaining a TAMMS equipment data base. The DA Form 2408-9 is the prime source of information in support of the data base. This data base supports the Army's budget, equipment procurement, operating tempo (OPTEMPO) determinations, and provides output summaries and reports in support of equipment age, ownership, asset position, usage, overhaul, and safety recall requirements. Extract summaries of data from this base are available in various formats. Requests for information should be addressed to Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466.

c. Special information.

(1) *Instructions and use.* The DA Form 2408-9 instructions and use apply to all Army units, organizations, and activities as shown below:

(a) Army depots fill out and send in DA Forms 2408-9 even though the property accounts for depot stock are kept at the AMC major subordinate command level.

(b) The property officer or the officer accountable for the property of the parent unit will make out the DA Form 2408-9. Defense Reutilization and Marketing Offices (DRMOs) are not responsible for completing DA Form 2408-9 Loss Reports. Loss Reports will be completed by the accountable officer of the parent unit of the owning organization prior to sending the equipment to DRMO. He or she is also responsible for distributing the copies.

(c) For this pamphlet, a parent unit is: battalion level for tables of organization and equipment (TOE) units and the property book level for tables of distribution and allowances (TDA) units. For depot operating and mission stocks, the depot level is the parent unit. TOE separate companies that are not part of larger units are their own parent units.

(d) The maintenance officer is responsible for distributing copies of the DA Form 2408-9 Usage Report.

(e) If you have to remake a DA Form 2408-9 because the original form was lost or damaged, move all the information from the old form to the new form. In the remarks block of the new form, print "NEW FORM INITIATED" and the date. If blocks 1, 2, and 3 of the lost or damaged form is unknown, your unit information goes in these blocks. Throw away the NMP copies of forms made to replace lost or damaged forms.

(2) *Acceptance and registration.* A DA Form 2408-9 will be made when equipment needing this form is accepted into the U.S. Army inventory as shown below. (See fig 5-7.)

(a) Equipment may be accepted on delivery from a manufacturer.

(b) Some equipment has a DA Form 2408-8 (Acceptance Report). Although the DA Form 2408-8 is obsolete, it is still valid for the Acceptance Report.

(c) Normally the Acceptance Report is filled out and distributed by the agency accepting the item into the Army inventory. However, some equipment may arrive from a manufacturer without a completed Acceptance Report. When that happens, the organization that

discovers the need for the form will fill out and distribute a DA Form 2408-9 Acceptance Report.

(3) *Usage.* A DA Form 2408-9 is used to report total miles or kilometers on the equipment. Equipment needing this report will have the DA Form 2408-9 usage specifically listed after the item in appendix E. (See fig 5-8.)

(a) Usage reports are filled out on different dates as follows:

1. As of 1 October for non-tactical vehicles.

2. As of 1 November for tactical vehicles.

3. As of 1 February and 1 August for floating craft.

(b) Appendix E identifies items on which usage data is to be reported. These items include tactical vehicles, selected items in the construction and support equipment categories, and selected wheeled vehicles listed as part of missile systems.

(c) Usage Reports are needed on equipment both in use and in storage. This includes prepositioned materiel configured to unit sets (POMCUS) and war reserve stocks that have been used for a major exercise during the reporting period. (See TM 38-450.)

(d) Usage reports are NOT needed for uneconomically repairable vehicles awaiting disposition instructions from higher headquarters. Reports are not needed on tactical vehicles in a depot for repair. Those items will have a condition code of M. Do not report tactical vehicles in stock that have a DD Form 1348 issued for them.

(e) When you have an automated system, you do not need to fill out a Usage Report for each piece of equipment. You may use a printout that lists all equipment needing a Usage Report. Print the current usage on the printout. Send one copy of the printout to your local data reduction center. Data reduction centers will process usage data and forward to LOGSA in DA Form 2408-9 format. A second copy of the printout will be kept at the unit until the next annual Usage Report.

(f) Usage reporting for all combat and selected tactical vehicles has been deleted. Usage for these items is now being collected through the Army AOAP. Tactical vehicles not enrolled in the AOAP are still DA Form 2408-9 USAGE reportable and will be reported as of 1 November of each year.

(4) *Transfers.* A Transfer Report is needed each time equipment needing DA Forms 2408-9 is transferred between parent units as shown below. (See fig 5-12.)

(a) After a reportable item is accepted into the Army inventory, and the item is transferred between parent units, a DA Form 2408-9 Transfer Report, must be prepared and submitted by both the losing organization (report code 1) and the gaining organization (report code 2). Transportation activities, ports, and agencies involved in the shipment are not "shipped to or from" activities for the DA Form 2408-9, but shipping activities will make sure a copy of the transfer report is protected and on the equipment.

(b) Do not send in a Transfer Report when the item is shipped or received on a loan basis. Do not report an item in installation supply that is marked for issue within 7 days. Transfer Reports are not needed as long as equipment stays on the unit property book or supply account, so you do not need a report when equipment is transferred within the same parent unit or sent to a maintenance facility and returned to the user and no property book transfer is involved.

(c) When a unit is redesignated and/or the UIC of a unit changes, send a letter or message to Director, LOGSA, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Include both the old and the new UIC. The letter or message acts as a Transfer Report for all your equipment. Line through the old UIC on YOUR log book copy of the DA Forms 2408-9 and write the new UIC above it.

(d) When an item is received that is to be put into use (service) for the first time, check the end item and major components for a label stating that a warranty applies. If a warranty appears to apply, the Control Copy of the "Received from" Transfer Report will be sent to the supporting WARCO. The WARCO will add the in-service date to the Remarks block of the form and forward the form as directed by the particular warranty technical bulletin (TB). If the TB has no instruction, dispose of the form as needed locally.

(5) *Loss.* Send in a DA Form 2408-9 each time an item needing

the form is lost to the Army inventory. (See fig 5-11.) Losses can be physical or administrative. Send in Loss Reports when items are integrated into higher assemblies. You need a loss report on each item going into a higher assembly when the items require a DA Form 2408-9 as shown in appendix E.

(6) *Gain*. Gain Reports cover items that come into the inventory from other than a manufacturer or local purchase. (See fig 5-10.) Report equipment you get from Marine Corps, Air Force, property disposal offices, etc., on a Gain Report. Send in a Gain Report on the new item when equipment is integrated into a higher assembly. Also, send in a Gain Report on item taken out of higher assembly when the items require a DA Form 2408-9, as shown in appendix E or in table 5-1 of AR 710-3.

(7) Repair Program for selected combat and tactical vehicles. (See fig 5-14.) A DA Form 2408-9 is required each time a selected combat or tactical vehicle is repaired under the CONUS Tactical Wheeled Vehicle Program, OCONUS Theater General Support Repair Program (GSRP) (formerly the Theater Army Repair Program (TARP), or other DA-approved programs requiring DA Form 2408-9 reports. Currently this pertains to vehicles repaired under the two programs mentioned above and performed only at GS shops, depots, or under contract. Items of equipment requiring DA Form 2408-9 are designated in the "DA Form 2408-9 Repair" column in appendix E. The DA Form 2408-9 will be prepared and submitted by the organization that performs the repair action.

(8) *Overhaul* (see fig 5-9).

(a) Army depots and contractors who overhaul Army equipment report on a DA Form 2408-9. Overhaul Reports are sent in on all equipment needing a Usage Report. When the overhaul changes the NSN of an item, report the overhaul on the old NSN, not the new one.

(b) On the completion of an Overhaul Report, the date of overhaul and the name of the facility performing the action must be in block 21 of the log book copy of the Acceptance or Gain Report. If at the time of overhaul the odometer is NOT reset to "0" miles/kilometers (M or K), the odometer reading will be recorded in block 21 of the log book copy of the Acceptance or Gain Report.

(9) *NSN redesignation*. When for any reason the NSN of an item requiring a DA Form 2408-9 is redesignated/changed, the organization performing the maintenance action that changes the NSN will prepare and send in a DA Form 2408-9 reporting the change. (See fig 5-13.) Separate forms are required for each individual item changed as shown below:

(a) When the serial number and/or registration number does not change, one DA Form 2408-9, a Report Code S (Gain), will report the change in NSN.

(b) When the NSN and the serial number and/or registration number change, make two DA Forms 2408-9s. Send in a Loss Report on the old item, using Report Code N. Send in a Gain Report on the new information, using Report Code T.

(10) *Army Commercial Vehicle Codes*. Army Commercial Vehicle Codes (ACVC) are no longer used for nontactical vehicles. Older forms may still show ACVCs. Line through the ACVC and put the NSN in that block.

Table 5-1
Key punched control record

Record Positions	Operator Enters
1-5	TXMSG
6-7	01
8-9	01
10	Blank
11-15	Enter applicable station code.
16	Blank
17-22	2408-9
23-24	TO
25	Blank
26-31	LOGSA
32	Blank
33-34	FR

Table 5-1
Key punched control record—Continued

Record Positions	Operator Enters
35	Blank
36-80	Abbreviated title of the submitting organization location, DSN number, point of contact, batch number, and number of batches. Example: RRAD, TX, DSN 829-1000, Mr. Wright, Batch 1/2.

d. Disposition. The DA Form 2408-9 is a multi-copy form and distributed as follows:

(1) *NMP copy one*. Send this copy through local data reduction centers to: Director, LOGSA, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Usage Reports must be sent within 30 working days after the report date. Other reports must go in within 15 working days after the action. If you send the DA Form 2408-9 through a data processing center, do not send a copy of the form to LOGSA. The information will be sent from your data processing center electronically. Hard copies (the form) of Usage Reports on floating craft go directly to: Commander, U.S. Army Aviation and Troop Command (ATCOM) (TROOP), ATTN: AMSAT-I-MMW, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. For items repaired under the Repair Program for selected combat and tactical vehicles, this copy of the DA Form 2408-9 will be destroyed. Do not submit to LOGSA.

(2) *Control copy two*.

(a) Use or dispose of this copy as local command or commander directs.

(b) For equipment under warranty, forward the control copy of Transfer Reports to the warranty control office.

(3) *Log book copy three*.

(a) Write "Permanent Log Book Copy" in block 21 of the Acceptance or Gain Report. Keep these forms in a binder of all the unit's DA Form 2408-9 Acceptance and Gain Reports.

(b) Keep the latest Usage Report until the next reports are sent in. A copy of the latest Usage Report will go with an item when it is evacuated to depot for overhaul.

(c) Throw out the Loss and Overhaul Report after overhaul information has been written in block 21 of permanent logbook copy of the Acceptance or Gain report.

(d) Keep the latest Transfer Report until the next transfer action. When a Transfer Report (code 1, table B-14) is completed, the log book copy will go with the vehicle. When a unit receives a vehicle, the Transfer Report (code 1) that came with it will be destroyed when the Transfer Report (code 2) is made. If no current Transfer Report exists in the log book binder, do not reconstruct just for the purpose of complying with this paragraph.

(e) For items repaired under the Repair Program for selected combat and tactical vehicles, this copy of the DA Form 2408-9 will be maintained at the owning unit level in the equipment log book binder. This copy should remain with the item of equipment throughout its life cycle.

(4) *Process and distribute the form*. Paragraph 5-6f and figures 5-17 through 5-21 tell ADP and data reduction activities how to process and distribute the form after data is reduced.

(5) *Integrated equipment*. When equipment is integrated into a higher assembly, keep only the DA Form 2408-9 on the higher assembly. Throw out the logbook copies of any DA Form 2408-9 reports on the items that went into the higher assembly.

e. Corrections. The DA Form 2408-9 information is sent to LOGSA and is entered into a computer. Make out a corrected copy of the original form as shown below.

(1) Print "Corrected Copy" in large letters across the front of the new form.

(2) Copy the information from the old form onto the corrected copy.

(3) Put the information you want to correct on the corrected copy in block 2 1. Circle this information in red.

(4) Send the NMP copies of the forms to Director, LOGSA, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Send the actual form. Do not send the information through your data reduction center.

(5) The other copies of the corrected form will be distributed as outlined in d above. Throw out all your copies of the incorrect form.

f. Data collection and submission

(1) *General.* These procedures apply to all units/organizations, under the jurisdiction of Headquarters, Department of the Army, submitting DA Form 2408-9 and are applicable to the collection, editing, reduction, processing of such data. Implementation of these procedures may require establishment of a control point, under the control of a command staff element such as the G-4. This control point would be responsible for these procedures and their submission per the timeframes established in paragraph 5-6d(1).

(2) *Responsibilities.*

(a) Unit, organization, and activity commanders are responsible for the accuracy and completeness of recorded information and timely submission of prescribed data.

(b) Major Army commanders provide necessary ADP data reduction facilities and trained personnel to accomplish prescribed operating functions.

(c) Above commanders ensure that DA Forms 2408-9 will be edited, corrected, and data reduced. Editing instructions are contained in figures 5-7 through 5-14. Data reduction instructions are in figures 5-17 through 5-21. When editing the form, ensure that blocks that state "will enter" in figures 5-7 through 5-14 are filled. Without these entries, the entire form will reject in the Army's logistics data base and limit, if not eliminate, the record.

(d) Data will be submitted to the Director, LOGSA, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466, using AUTODIN facilities where possible.

(3) *Inaccurate control numbers.* To correct inaccurate control numbers and adjust to the required six characters, the following action will be taken:

(a) *Seven characters.* Delete the first numeric character.

(b) *Five characters.* Prefix with an alpha "X".

(c) *Duplicate numbers.* Change the first character for one of the forms to an alpha "X".

(d) *Different numbers on the copies of one form.* Use the control number on the NMP copy. The numbers on the other copies may be changed to establish an audit trail for local use.

(4) *Classification.* When dealing with groups/collections of DA Form 2408-9 data, which may represent classified rollups, all levels of command will ensure compliance with the basic security policies set forth in AR 380-5, AR 380-51 (C), and paragraph 1-10 of this pamphlet.

(5) *Accepted methods of data submission.* After data has been thoroughly edited, it may be submitted to LOGSA by AUTODIN, DDN E-Mail, floppy diskette, magnetic tape, or hard copy. These methods are listed in the preferred order of submission, and MUST be accomplished in descending order based on the data reduction and communications capabilities of the submitting unit/organization. Magnetic tape specifications are 9 track, 1600BPI, unlabeled, 80, characters per record, 10 records per block, odd parity, recording mode EBCDIC. Floppy diskette specifications are 2S/2D/HD/LD, MS/PC DOS compatible, 80 characters per record, ASCII Standard Data Format (SDF), file name "DA2408-9.SDF" first record header. Positions are follows:

(a) Position 1-6 Submitting unit UIC.

(b) Position 7-30 Submitting unit POC.

(c) Position 31-43 POC DSN.

(d) Position 44-48 Date prepared.

(e) Position 49-53 Station Code.

(f) Position 54-79 Organization/location.

(g) Position 80 L.

(6) *Transmittal instructions.*

(a) Use the same specifications and format as floppy diskette

specifications/format. DDN E-Mail address is tammsmgr@redstone-emh2.army.mil.

(b) DA Form 200 (ADP Data Transmittal Record) will be enclosed with all shipments of magnetic tapes produced from source DA forms. This requirement does not apply to individually mailed DA forms.

(c) Place hard copy DA forms in envelopes or boxes with a DA Form 200 enclosed as prescribed below and securely sealed.

(d) Label the reels of magnetic tape(s) to indicate type of records and enclose them in a reel container. Place the container in a shipping carton or box securely wrapped and sealed with a DA Form 200 enclosed with each reel.

(e) Each organization, activity or agency that submits forms, cards, or magnetic tapes to the national level will number each shipment consecutively beginning each calendar year. Prefix the shipment number with the single digit numeric year, for example, the number 2-009 would indicate the 9th shipment for 1992.

(f) Identify all envelopes or boxes by placing the shipment number and number of containers in the lower left hand corner on the package, such as, SHIPMENT #2-W9 or SHIPMENT #2-010, 1 of 12 Envelope, Box # 1, and Box 1 of 3, etc. If a carton holds more than one box for shipment, mark the carton to include shipment number and number of boxes, for example, SHIPMENT # 2-243, 3 boxes. Envelopes will be annotated with a required delivery date(RDD) as follows: RDD (date).

(g) Prepare a separate DA Form 200 Transmittal Record, in triplicate, for each shipment of forms, cards, or magnetic tapes and dispose of as specified in subparagraphs 1, 2, and 3 below.

1. Place the original of the DA Form 200 in the box, envelope or package. If there are two or more boxes in the shipment, place the original copy in box number one.

2. Mail one copy separately from the shipment to the addressee in the "TO" block on the same day the shipment is dispatched.

3. The originator will retain the remaining copy for 6 months.

(h) Whenever possible, records will be transceived via AUTODIN or other transeiver facilities as follows:

1. *DA Form 2408-9.* The electrical transmission of DA Form 2408-9 header record (as required by JANAP 128) will be the first record of a transeived batch and is provided by the communication center. A unique routing identifier code, RUCLBNB, has been established for transmission of all DA Forms 2408-9 to LOGSA. The AUTODIN header record will be immediately followed by a control record as shown in table 5-1.

2. *Record batching.* Each batch will contain records information from one source. For example, "G" and "H" records from a DA Form 2408-9 will be in the same batch. A batch will not exceed 500 records, including AUTODIN header, control records, trailer, and end of transmission records.

5-7. DA Form 2408-20 (Oil Analysis Log)

a. Purpose. This form is a record of oil samples taken and lab analysis of those samples (see fig 5-15).

b. Use. DA Form 2408-20 is used to record oil sample results for equipment enrolled in the AOAP. The equipment is identified in chapter 4, tables 4-1 through 4-7. However, if the supporting AOAP laboratory is automated, and you receive printout(s) with all the data from the DA Form 2408-20, the DA Form 2408-20 is not required, unless directed by local standing operating procedures.

c. Disposition.

(1) Transcribe hourmeter changes and other needed information to a new DA Form 2408-20. Keep the completed DA Form 2408-20 for 6 months after the last entry is made in column 4. Then destroy the old form. The most recent printout will be kept on hand until receipt of next printout (normally, the unit will receive these printouts monthly).

(2) If a component requiring this form is removed for any reason, the DA Form 2408-20 will go with the component. If the supporting AOAP laboratory is automated, a printout, "Component History" showing the results of the last six samples will go with the evacuated component in place of the DA Form 2408-20. The printout will be given to the supporting AOAP laboratory at the new location.

The DA Form 2408-20 or a printout will go with items sent to depot for repair or overhaul. Request the printout, "Component History", from the supporting laboratory prior to evacuation of component.

d. Special instructions.

(1) DA Form 2408-20 is not used when an ADP system gives you printouts or automated forms with all the data from the DA Form 2408-20. When using an ADP system, any information that may have been required to be placed in the remarks block of the DA Form 2408-20, i.e., odometer changes, warranty information, etc., will be annotated in the remarks block of the DD Form 314.

(2) If the AOAP lab recommends that a warranty component be removed or maintenance action performed, the AOAP monitor will contact the supporting warranty control office. The warranty control office will research the warranty provision and give permission to take the lab-directed action, take other action, or request the lab report use for a warranty claim.

(3) The warranty control office will notify the unit of disposition to take on warranted components affected by a warranty claim.

(4) The warranty control office will notify the unit when the warranty no longer applies. Lab-directed oil changes and other actions directed will then apply.

5-8. DA Form 2409 (Equipment Maintenance Log(Consolidated))

a. Purpose. DA Form 2409 gives a maintenance history of an item of equipment (fig 5-16).

b. Use.

(1) This form is used as an equipment log.

(2) Keep this form on equipment requiring a DA Form 2409 as shown in appendix E.

(3) Use this form as a record of safety recall information.

(4) Commanders may require this form on equipment not listed in appendix E.

(5) For commissary equipment, see the Commissary Operating Manual (COM).

(6) When local or command procedures require tracking of maintenance costs, use this form.

(7) When other forms are required on an item of equipment in addition to the DA Form 2409, do not complete the DA Form 2409 section that duplicates the other records. For example, do not complete Section B where DD Form 314 is required.

(8) When a repair cost is required the DA Form 2409 will be used. Only Sections A and C will be completed on those items.

(9) The DA Form 2409 will be used to track and control components under warranty whenever the components are separately warranted or the components have warranty periods or conditions that differ from the end item on which they are mounted. This type of warranty is not the norm. Refer to the warranty technical bulletin to determine when a DA Form 2409 is required as shown below:

(a) The published warranty technical bulletin or supply letter for the component's end item or system will identify separately warranted items and warranty periods or conditions. Contact your supporting warranty control office for any help needed to identify warranted items.

(b) Sections A, B, and C of the DA Form 2409 will be completed as needed to track and control components under warranty.

(c) The DA Form 2409, used to track and control components under warranty, will be in the equipment record folder for the end item or system when the item goes in for maintenance.

c. Special instructions. Support maintenance will inform the owning unit of component hours added during maintenance and of any hours on replaced/new components.

d. Disposition.

(1) The DA Form 2409 is thrown out 6 months after the date of the last entry in Sections B or C. For local use, this form may be kept 1 year after the date of the last entry in Section B or C.

(2) Transcribe the following information to a new DA Form 2409:

(a) *Section A.* All entries.

(c) *Section C.* Put the date in column a and the word "Consolidated" in column c. Carry the totals from the old form's columns d, e, f, and g to the new form.

(d) *Section D.* All entries.

5-9. DD Form 1650 (Ammunition Data Card)

a. Purpose. This card gives a history of a lot of ammunition and explosive materiel and serially numbered complete round guided missiles (see fig 5-22).

b. Use.

(1) When and how to use this form as a history of ammo, explosive materiel, and guided missile items is in MIL-STD-1 167B

(2) You will also use this DD Form 1650 to keep up with changes of serial numbered components on selected missile systems. This pamphlet directs the use of the DD Form 1650 as a component register for missile systems.

(3) Use the DD Form 1650 to keep up with changes of serial numbered components on Chaparral, HAWK, and TOW missile systems. Other missile systems coming into the inventory later may be added to this list.

c. Disposition. Dispose of the form as directed by your command Letter of Instruction on the DD Form 1650.

5-10. Equipment log book binder

a. Units will keep all like historical forms in a binder (NSN 7510-00-889-3494). That is, all the unit's DA Forms 2408-4 go in one binder. The unit's DA Form 2408-9 Transfer Reports will go in one binder. When the combined forms are too large for one binder, divide them into two or more binders.

b. The DA Form 2408-9 will normally need the following four binders:

(1) Acceptance or Gain Reports.

(2) Transfer Reports.

(3) Usage Reports.

(4) Repair Reports.

c. Equipment logbook binders may also be used to hold forms required on a missile system while on dispatch when more forms are needed than can be kept in an equipment record folder.

d. Units with six or fewer items of equipment may keep like forms in a binder or keep all the forms on an item of equipment in a binder.

e. U.S. Army Combat Equipment Group Europe (USACEGE) activities may also keep all the forms on a POMCUS item of equipment in a binder.

5-11. Records that go with equipment

a. General. The following forms will go with the equipment when it is—

(1) Manufactured, assembled, overhauled, or rebuilt. Depots and supply activities will make sure the required forms are with the equipment in an equipment record folder or binder. A copy of the DA Form 2404 used to show a technical inspection on the item will also be with the equipment.

(2) Turned-in or transferred. The DD Form 314, as well as equipment records, will go with the equipment.

(3) Sent to Defense Reutilization and Marketing Office (DRMO). The organization or activity that has the equipment just before sending it to the DRMO or salvage handles the forms as follows:

(a) Send the DA Form 2408-9 Loss Report NMP copy through the local data reduction center to: Director, LOGSA, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466.

(b) Send the DA Form 2408-20 and DA Form 2408-4 with the equipment.

(c) Destroy the DA Form 2408-9 log book copies and DA Form 2409.

(d) Send a copy of the most current DA Form 2404 with the equipment.

(4) *Fired missiles.* Send the missile log and all its records to: Commander, USAMICOM, ATTN: AMSMI-SNEM, Redstone Arsenal, AL 35898.

has been retubed. See TM 9-1000-202-14 for details. If the initial tube is in the breech ring, put a zero in this section.

b. In the second section enter the total EFC rounds for the breech mechanism, for the 105MM, M68 Gun.

c. For other equipment, in the second section, put the total cumulative EFC rounds fired on the end item at the time of the last retubing. This figure is the total rounds on the whole system, the chassis or carriage, for overhaul under T13 750-231.

(9) Rebushings

a. Enter the number of times the installed breech ring has been rebushed.

b. For the 106MM Recoilless Rifle, put the number of times the breech ring has been revented.

c. Leave this block blank on weapons that do not require rebushing or reventing.

(10) This block is divided into 10 columns, a through j.

(a) **Date.** Write the calendar date when the action occurred. For example, 14 Aug 83. Do not use Julian dates.

(b) **Projectile Type.** Enter the type of projectile and cartridge model.

(c) **Zone or Charge.** Enter the charge and zone number. Leave this column blank when it does not apply to your weapons.

(d) **Rounds Fired.** Write the number of rounds actually fired.

(e) **EFC Fide Fired.** Multiply the rounds fired in column d by the EFC factor value for that type round or propellant.

(f) **Cumulative Rds Fired.** Add the number of rounds fired in column 10d to the last entry made in column 10f.

(g) **Cumulative EFC Rds.** Add the number in column 10e to the last entry made in column 10g in the subcolumn for the zone that applies to the rounds fired.

(h) Remaining Life (EFC Rds)

a. Subtract the EFC rounds fired in column 10e from the last entry made in column 10h. The difference between those two numbers is the remaining life of the cannon tube.

b. Be very careful, recheck your figures, when making an entry in column 10h. Making a mistake in this column can put a life in danger.

(i) **Remarks.** Enter any remarks you need on the operation or maintenance of the weapon. This includes information on borescoping, gaging, velocity, pull over gauge readings and recoil exercises.

(j) Signature.

a. The person designated by the unit commander to make entries on this form will sign in this column. Put both your signature and rank or title here.

b. When support personnel make entries, put the support unit identity under the signature and rank.

c. The unit commander will sign in this column on the first line and last line entries.

WEAPON RECORD DATA							REQUIREMENT CONTROL SYMBOL		
For use of this form, see TM 28-750; the proponent agency is DCSLOG.							CSGLD-1081		
1. TUBE SERIAL NO.		2. CANNON TYPE, MODEL OR SERIES			3. ORGANIZATION (UIC)		4. SPECIAL LIFE DATA		
23415		155MM, M185			A 450th FA WAAQYN		AFC RDS LMG OR 6.250 RO, RECU PINS 8101		
5. END ITEM IDENTIFICATION					6. RDS/EFC COMPUTATION		7. RDS/EFC COMPUTATION		
HOW, MED, SP, 155MM, M109A3, SN: 1745					ZONE EFC		SUM RDS, TORQUE KEY		
7. CANNON SERIAL NO.		8. RETUBINGS		9. REBUSHINGS		1-6		2. 25	
18911		1		6910 EFC		7		0. 75	
8						1. 00		CANDL BEARINGS LABED	
								EARS Cum RDS	
10. Date	Projectile Type	Zone or Charge	Rounds Fired	EFC RDS Fired	Cumulative RDS Fired	Cumulative EFC RDS	Remaining Life (EFC RDS)	Remarks: Recoil Exercise (RE), Gauge or Velocity Reading, Safety Inspection (SI)	Signature
1400T91					8106	1520.25 1353.00 221.00	3279.50	BORESCP + GAGED, RO. 6.134 SERVICEABLE T.M. 749-1000-202-14	blum Emanick 1st CD

CONTINUE ON REVERSE

DA FORM 1 JAN 79 2408-4

EDITION OF 1 DEC 77 WILL BE USED.

Figure 5-2. Sample of a completed DA Form 2408-4 (Information to keep when you send in a DA Form 2408-4)

Legend for Figure 5-2:

Completion instructions by block number and title

Before you send a form to Watervliet Arsenal, put this information on a new DA Form 2408-4: (1) **Tube Serial No.**

a. Enter the cannon tube serial number from previous 2408-4. (TM 9-1000-202-14 shows you where tube serial numbers are on cannons.)

b. For the 106MM Recoilless Rifle, put the assembly serial number here.

(2) **Cannon Type, Model Or Series.** The cannon type, model series, 105MM, M68, for example, or 156MM, M185, from previous "240", goes in this block.

(3) **Organization (UIC).** Owning organization name and Unit Identification Code (UIC) from previous 2408-4.

(4) **Special Life Date.** Enter any special life data from the form to be sent in. EFC round life will be entered here. Enter any Information on maintenance to be done on a round count basis.

(5) **End Item Identification.** Enter the weapon end item identification, type series and model. For example, Howitzer, Medium, towed, M1 98, or Tank, Combat, M60A1. Also put the end item chassis serial number in this block.

(6) **RDS/EFC Computation.** Enter "equivalent full charge" (EFC) factors for various rounds here. TM 9-1000-202-14 gives EFC factor values. Write the zone figures above the subcolumns in column 10g.

(7) **Cannon Serial No.** Enter the cannon serial number. TM 9-1000-202-14 shows where the cannon serial numbers (breech ring) are.

(8) Retubings.

a. Enter the information from both sections in the previous form's block 8.

b. For 105MM M68 Gun, take the total EFC rounds for the breech mechanism from the previous form's block 8. Add the number to the difference between the first and last entries in column 10g of the previous DA Form 2408-4. Put this number on the new form in the second section of block 8.

(9) **Rebushings.** Leave blank.

(10) This block is divided into 10 columns, a through j.

(a) **Date.** Enter the current date.

(b) **Projectile Type.** Leave blank.

(c) **Zone Or Charge.** Leave blank.

(d) **Rounds Fired.** Leave blank.

(e) **EFC RDS Fired.** Leave blank.

(f) **Cumulative RDS Fired.** Enter the total rounds fired from the last entry in column 10f of the form to be sent in.

(g) **Cumulative EFC RDS.** Enter the total EFC rounds fired from the last entry in column 10g of the form to be sent in.

(h) **Remaining Life EFC RDS.** Enter the remaining life. Make sure this number matches the last entry in column 10h of the previous DA Form 2408-4.

(i) **Remarks.** Transfer any needed remarks from the previous form. For example, enter the date of the last borescope, special maintenance inspection, last pullover gauge reading, calibration (VE) and Recoil Exercise (R.E.).

(j) **Signature.** The unit commander signs in this column on the first line and last line entries. The unit commander's signature shows that all the information has been checked on the previous form and is correct. It also means all current and needed information has been transcribed to a new DA Form 2408-4.

BORESIGHT AND ZERO ONLY

WEAPON RECORD DATA							REQUIREMENT CONTROL SYMBOL			
For use of this form, see TM 9-750; the proponent agency is DCSLOG.							CSGLD-1061			
1. TUBE SERIAL NO.		2. CANNON TYPE, MODEL OR SERIES			3. ORGANIZATION (UIC)		4. SPECIAL LIFE DATA			
					CO A 4/52 th WAAGYN					
5. END ITEM IDENTIFICATION					6. RDS/EFC COMPUTATION					
TANK COMBAT ML SN: 7765										
7. CANNON SERIAL NO.			8. RETUBINGS		9. REBUSHINGS					
10.	Date	Projectile Type	Zone or Charge	Rounds Fired	EFC RDS Fired	Cumulative RDS Fired	Cumulative EFC RDS	Remaining Life (EFC RDS)	Remarks: Recoil Exercise (RE), Gauge or Velocity Reading, Safety Inspection (SI)	Signature
(Previous DA Form 2408-4 final entries)										
	25 JUN 88	HEP-T M456							PERISCOPE M322/ TRAV L R 4	Elmer F. ... SSG
	25 JUN 88	HEP-T M456							TELESCOPE M105D TRAV L R 4	Elmer F. ... SSG
	28 JUN 88	APDS-T M728							PERISCOPE M322/ TRAV L R 3	
"BORESIGHT AND ZERO ONLY"										
CONTINUE ON REVERSE										

DA FORM 2408-4
1 JAN 79

EDITION OF 1 DEC 77 WILL BE USED.

Figure 5-3. Sample of a completed DA Form 2408-4 (used for boresight and zero)

Legend for Figure 5-3:

Completion instructions for DA Form 2408-4 (used for boresight and zero)

(1) **Tube Serial Number.** Leave blank.

(2) **Cannon Type Model Or Series.** Leave blank.

(3) **Organization (UIC).** Enter the Unit Identification Code (UIC).

(4) **Special Life Data.** Leave blank.

(5) **End Item Identification.** Enter the weapon and item identification, type series and model.

(6) **RDS/EFC Computations.** Leave blank.

(7) **Cannon Serial Number.** Leave blank.

(8) **Retubings.** Leave blank.

(9) **Rebushings.** Leave blank.

(10) This block is divided into 10 columns, a through j.

(a) **Date.** Write the calendar date when the action occurred.

(b) **Projectile Type.** Enter the type of projectile and cartridge model.

(c) **Through (h).** Leave blank.

(i)Remarks. Enter boresight and zero information.

(1)Record all boresight and zero data for different type ammunition being fired.

(2)Change boresight and zero data whenever the gun tube, periscope, telescope, rangefinder, or computer are changed.

(j)Signature. The person doing the boresight and zeroing will sign here.

WEAPON RECORD DATA								REQUIREMENT CONTROL SYMBOL	
For use of the M7M, and DA PAMs 738-750 and 738-751, the procuring agency is DCSLOG								CSGLD 1051	
1. TUBE SERIAL NO.	2. CANNON TYPE, MODEL OR SERIES			3. ORGANIZATION (UIC)			4. SPECIAL LIFE DATA		
	GUN AUTOMATIC 25MM M242			BTRP12 Sgd 11 th ACR			Replace Breech 25000 RDS Replace Firing Pin 8000 RDS		
5. END ITEM IDENTIFICATION				6. RDS/EFC COMPUTATION					
M3 CFV Serial Number 1246				All Rounds have a EFC OF 1.0					
7. CANNON SERIAL NO.		8. RETUBINGS		9. REBUSHINGS					
Rec 768		0		0					
10. Date	Projectile Type	Zone or Charge	Rounds Fired	EFC RDS Fired	Cumulative RDS Fired	Cumulative EFC RDS	Remaining Life (EFC RDS)	Remarks: Recoil Exercise (RE), Gage or Velocity Reading, Safety Inspection (SI)	Signature
10 APR 88	(Previous DA Form 2408-4 (final entries))						25000 8000		
			550				24450		
11 APR 88	AP				550		7450		
			950				23500		
15 MAY 88	HE				1500		6550		
			2500				21000		
12 AUG 88	HE				4000		4000		
			4000				17000		
5 SEPT 88	AP				8000		-0-		
							17000	5 Sep New Firing PIN INSTALLED NEW FORM INITIATED	
5 Sep							8000		

Figure 5-4. Sample of a completed DA Form 2408-4 (25mm automatic gun)

Legend for Figure 5-4:

Completion instructions for DA Form 2408-4 (for 25mm Automatic Gun)

- (1) Tube Serial No. No entry required.
- (2) Cannon Type, Model Or Series. Enter Gun, 25mm, M242.
- (3) Organization (UIC). Enter owning organization name and unit identification code.
- (4) Special Life Data. Enter, replace breach at 25,000 rounds and replace firing pin every 8,000 rounds.
- (5) End Item Identification. Enter the vehicle identification, Model and vehicle chassis serial number. Example: M3, CFV, serial number 1245.
- (6) RDS/EFC Computation. Enter all rounds that have an EFC of 1.0.
- (7) Cannon Serial No. Enter serial number of receiver.
- (8) Retubing. Note this block is used for accountability of firing pins as replacement occurs. If the initial pin is in the gun, place a zero in this block. Upon first pin replacement the zero will be changed to a 1 and so on. When a pin is replaced a note will be placed in column 10i (remarks) to include date pin was changed and total rounds on weapon at the time of pin replacement. The remaining life column, 10h, lower portion, will have 8,000 placed in it at time of pin replacement to reflect the remaining life of the new pin.
- (9) Rebushing. Note this block is used for accountability of breech as it is replaced. If the initial breech is in the gun, place a zero in this block. Upon first breech replacement the zero will be changed to a 1 and so on. When a breech is replaced a note will be placed in column 10i (remarks) to include date breech was changed and total rounds on the weapon at the time of replacement. The remaining life column,

10h, upper portion, will have 25,000 placed in it at the time of breech replacement to reflect remaining life of the new breech.

(10) This block is divided into columns a through j. The first line entry (on one side of the form only) will show information carried forward from the previous DA Form 2408-4.

- (a) Date. Enter current date.
- (b) Projectile Type. Enter type of round fired.
- (c) Zone Or Charge. No entry required.
- (d) Rounds Fired. Enter number of rounds fired.
- (e) EFC RDS Fired. No entry required.
- (f) Cumulative RDS Fired. Add the number of rounds fired (last entry 10d) to the last of this column.
- (g) Cumulative EFC RDS. No entry required.
- (h) Remaining Life. This block will be divided into two sections by drawing a horizontal line from side to side in the middle of the block. The upper portion will contain the rounds remaining for the breech and the lower portion will contain the rounds for the firing pin. Each time an entry is made in 10d, the same entry will be subtracted from the last entry for the breech and firing pin in 10h. This subtraction will yield the remaining life in rounds of each of the two parts. When a part is replaced, the remaining life block will show this by adding either 8,000 or 25,000 in the appropriate portion of this block.
- (i) Remarks. This column will be used for replacement information as described in paragraphs 8 and 9.
- (j) Signature. The unit commander signs in this column on the first and last entries. The unit commander's signature shows that the information on the previous form has been checked and found correct. Also, that all current and necessary information has been transcribed to a

new DA Form 2408-4. The person designated by the unit commander will sign the entries between the commander's two signatures.

Disposition

a. When the DA Form 2408-4 is filled and after the information has been transcribed to a new DA Form 2408-4, destroy the old form.

b. When it is necessary to replace the entire weapon, forward the up-to-date DA Form 2408-4 with the unserviceable weapon.

WEAPON RECORD DATA							REQUIREMENT CONTROL SYMBOL CS(11D-103)		
For use of this form, see DA PAMs 738-750 and 738-751. The procuring agency is OCSLOG									
1. TUBE SERIAL NO. 0314		2. CANNON TYPE, MODEL OR SERIES CANNON, M168			3. ORGANIZATION (UIC) 4th BATTERY, 1/3 ADA				
5. END ITEM IDENTIFICATION GUN, ADA, SP, 20MM, M163A1 GUN, ADA, TOWED, 20MM, IV11 67A1					6. RDS/EFC COMPUTATION N/A			144,000	
7. CANNON SERIAL NO. 1,000,234			8. RETUBINGS N/A		9. REBUSHINGS N/A				
10. Date	Projectile Type	Zone or Charge	Rounds Fired	EFC RDS Fired	Cumulative RDS Fired	Cumulative EFC RDS	Remaining Life (EFC RDS)	Remarks: Recoil Energy (RE), Gauge or Velocity Reading, Safety Inspection (SI)	Signature
1 Feb 87	(Previous DA Form 2408-4 final entries)				32,400		111,550	Barrels gauged AT .030 (serviceable)	B. J. [Signature] SFC
2 Feb 87			2,370		34,770		109,180		R. J. [Signature] SFC
3 Feb 87			1,240		36,010		107,940	Rebuilt Breech Bolts (1)	W. M. [Signature] SFC
5 Feb 87			1,460		37,470		106,480	Barrels gauged AT .030 (serviceable)	B. J. [Signature] SFC

CONTINUE ON REVERSE

DA FORM 2408-4
1 JAN 79 EDITION OF 1 DEC 77 WILL BE USED.

Figure 5-5. Sample of a completed DA Form 2408-4 (Air Defense Weapon System)

Legend for Figure 5-5:

Completion instructions for DA Form 2408-4 (Air Defense Weapon System)

(1) **Tube Serial No.** Enter the serial number of the end item listed in block 5. Pencil entry.

(2) **Cannon Type, Model Or Series.** Write Cannon, 20mm, M168.

(3) **Organization (UIC).** Enter the unit organization. Pencil entry.

(4) **Special Life Data.** Enter the life cycle of the cannon, for example, 144,000.

(5) **End Item Identification.** Enter end item nomenclature, i.e., Gun, ADA, SP, 20mm, M1 63A1 or Gun, ADA, Towed, 20mm, IV11 67A1.

(6) **Rds/EFC Computation.** Leave blank.

(7) **Cannon Serial No.** Enter the serial number from the data plate of the cannon.

(8) **Retubings.** Leave blank.

(9) **Rebushings.** Leave blank.

(10) **This block is divided into columns a through j.** The first line entry (on one side of the form only) will show information carried forward from the previous DA Form 2408-4.

(a) **Date.** Enter the current calendar date.

(b) and (c). Leave blank.

(d) **Rounds Fired.** Enter the total number of rounds fired/cycled on the calendar date in column a. Read from the rounds expended counter.

(e) **EFC RDS Fired.** Leave blank.

(f) **Cumulative RDS Fired.** Enter the total number of rounds fired by this cannon (from the rounds expended counter).

(g) **Cumulative EFC RDS.** Leave blank.

(h) **Remaining Life (EFC RDS).** Enter the number of rounds remaining in this cannon's life cycle before it is replaced.

(i) **Remarks.** Enter any components of the cannon that are checked, serviced, or replaced on a rounds fired/cycled basis only (i.e., Gauging the barrels, breech bolt rebuild, replaced of recoil adapters or barrels). Enter only components of the cannon.

(j) **Signature.** The person making the entries to include rank will sign in this column.

(1) Draw a line below columns a through j after each day's entries.

(2) Complete blocks 1 through 7, 10a, f, h, i and j when forwarding information to a new form.

1. NOMENCLATURE				2. REGISTRATION NUMBER		3. SERIAL NUMBER				
Missile Test Set: AN/TSM-1						30-1861				
4. MODIFICATIONS REQUIRED				5. MODIFICATIONS COMPLETED						
MWO NUMBER	DATE OF MWO (DAY/MO/YR)	PRI-ORITY	ECH	MWO TITLE AND KIT NUMBER(S)	DATE MWO APPLIED (DAY/MO/YR)	MAN. HRS	ORGANIZATION APPLYING MWO	SIGNATURE (Certification of MWO Application)		
Supd BY: 9-1220-221-40/5	10 OCT 78	N	D	Chg To bookman L 4 WITH L15 Replace 2" BOARDS	3 OCT 78	3.5	7757PAP FTSILL BK	E A Haulty INSPECTOR		
9-1220-221-10/5	15 JAN 79	N	D							
Supd BY: 9-1220-221-40/10	14 APR 78	N	H	INDICATES MWO SUPERSEDED, Door Support AFM MOBILIZATION	14 APR 78		FTSILL BK	WORK REQUIRED MWO SUPERSEDED		
9-1220-221-50/8	14 APR 78	N	H	AFM MOBILIZATION				MWO SUPERSEDED		
9-1220-300-40/10	1 OCT	N	H	AFM SUPPORT MODIFICATION	PCW		616 GSBW FTSILL BK	B Williams INSPECTOR		
Supd BY: 9-1220-221-40/6				INDICATES SUPERSEDED MWO MWO SUPERSEDED				HAS BEEN PREVIOUSLY COMPLIED WITH (PCW)		
9-1220-221-40/6				AS PER FILE MWO PACKAGE						
9-1220-221-40/11	15 AUG 78	N	H	AS PER FILE MWO PACKAGE						
				INDICATES SUPERSEDED MWO Regina Rubber MOUNTS				HMO NOT BEEN ACCOMPLISHED		
9-1220-221-10/6	4 MAY	N	D	Regina Rubber MOUNTS						
				FWS-34A/L15 AND BY W. KITS H6531	14 AUG 1-5		193FA FTSILL BK	L W. Coburn SSC INSPECTOR MAJ 1080		
				INDICATES NORMAL ORGANIZATIONAL TYPE MWO ENTRIES						

DA FORM 2408-5, 1 JAN 64

GPO 1964 O-751-508

EQUIPMENT MODIFICATION RECORD

For use of this form, see DA PAMs 738-750 and 738-751, the proponent agency is DCSL OG

Figure 5-6. Sample of a completed DA Form 2408-5

Legend for Figure 5-6:

Completion instructions for DA Form 2408-5

(1) **Nomenclature.** Enter the noun abbreviation, type, model, and series.(2) **Registration Number.** Leave blank.(3) **Serial Number.** List the serial number.(4) **Modification Required.** The owning unit will list all required MWOs that apply to the missile system or item. Include all MWOs no matter what level of maintenance or who will apply the MWO.(a) **MWO Number.** Enter the complete MWO number.(b) **Date Of MWO.** Enter the published date of the MWO.(c) **Priority.** Enter N for Normal, U for Urgent or L for Limited Urgent. The MWO of the MWO listing tells you which applies to the specific MWO.(d) **Echelon.** Enter the code for the level of maintenance that will apply the MWO:

O—for unit

F—for direct support

H—for general support

D—for depot

(e) **MWO Title And Kit Number(s).** List the MWO title and, when it applies, the MWO kit number here.(5) **Modifications Completed.** The activity that applies the MWO usually completes this section.(f) **Date MWO Applied.** In pencil, print the calendar date the MWO is required to be completed. The published MWO gives you this date. When MWO is applied, erase the pencil date. Enter, in ink, the day, month, and year that the MWO was applied.(g) **Man-Hrs.** Enter the actual man-hours used to apply the MWO. Round to the nearest tenth of an hour.(h) **Organization Applying MWO.** Enter the organization applying the MWO.(i) **Signature.** The person, who confirms that the MWO was applied, signs and prints his rank.

CONTROL NO. 611286		1. ORGANIZATION DCSAR		2. LOCATION LOS ANGELES, CA 90245		3. UNIT IDENT CODE W1WNA		4. UTILIZATION CODE		5. VEHICLE USE CODE	
6. NOMENCLATURE IFV		7. MODEL M2		8. NATIONAL STOCK NO. 2350-01-048-5920		9. SERIAL NO. 2AA0000		10. REGISTRATION NO. MV0000		11. WARRANTY PERIOD	
11. YEAR OF MFG M81		12. MANUFACTURER (MFG Code) FMC CORP 80212		13. CONTRACT NO. DAAE07-80-C-9018		14. PURCHASE ORDER NO.		15. SHIPPED TO UIC		16. RECEIVED FROM UIC	
17. REPORT CODE A		18. USAGE		19. SHIPPED TO & ORGANIZATION		20. RECEIVED FROM & ORGANIZATION		21. RECEIVED FROM UIC		22. JULIAN DATE 0222	
18. TYPE REPORT REGISTRATION		19. HOURS		20. MILES		21. ROUNDS		22. LOSS		23. GAIN	
24. TRANSFER		25. OTHER		26. REMARKS "PERMANENT LOGBOOK COPY"		27. TELEPHONE NUMBER (DSN OR COMMERCIAL) OF INSPECTING OFFICIAL.		28. INSPECTOR'S SIGNATURE Sharon B. Daltrey (606) 293-3457		29. EQUIPMENT CONTROL RECORD SYMBOL CSCGLD 1600	
30. DA FORM 2408-9		31. REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.		32. LOGBOOK COPY 3		33. EQUIPMENT CONTROL RECORD SYMBOL CSCGLD 1600		34. REPORTS CONTROL SYMBOL CSCGLD 1600		35. JULIAN DATE 0222	

Figure 5-7. Sample of a completed DA Form 2408-9 (Acceptance and registration)

Legend for Figure 5-7:

Completion instructions for DA Form 2408-9 (Acceptance and Registration Report)

Control Number Block. Will contain a six character control number.

(1) Organization. Enter the name of the activity or organization accepting the item into the Army inventory.

(2) Location. Enter the location and zip code of the activity in block 1.

(3) Unit Identification Code. You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4) Utilization Code.

a. Will contain code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

b. Leave blank for other equipment.

(5) Vehicle Use Code.

a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities engineering vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

(6) Nomenclature. Enter the abbreviated noun. Will not exceed eight digits. You may use AR 700-138 to determine the correct abbreviation.

(7) Model.

a. For OTHER than passenger carrying and general purpose vehicle, enter the model of the item.

b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

(8) National Stock No. Will contain the NSN of the item.

(9) Serial No.

a. You will enter the complete serial number of the item. Make sure you list ALL characters and numbers making up the serial number, to include any preprinted suffix or prefix.

b. For equipment with no serial number, use the preprinted control number on the form. The control number becomes the permanent serial number for the equipment on all forms and records.

c. For watercraft, enter the hull number.

d. For vehicle mounted weapon systems, like the M 11 3A2 TOW, etc. use the vehicle serial number.

(10) Registration No.

a. You will enter the registration number assigned to the item.

b. If the equipment is not under the Army Vehicle Registration Program, leave blank.

c. For watercraft, enter the registration number if one has been assigned. If not, use the hull number.

(11) Year of Mfg

a. For OTHER than passenger carrying and general purpose vehicles, you will enter the two-digit year the equipment was manufactured. Put the letter M before the two numbers. For example, for an item manufactured in 1990, enter M90.

b. For non-tactical passenger-carrying and general purpose vehicles, you will enter the four-digit model year: 1980, 1981, etc.

(12) Manufacturer. You will enter the name and five-digit code for the

manufacturer here. You will find the manufacturer's codes in the equipment manuals SB 708-41/42 and SI3 708-43.

(13)Contract No. Enter the contract number under which the item was bought. For passenger carrying and general purpose vehicles, this block will contain the procurement contract number, e.g., DAAE07-71 KK-C-005 or GS-OOS-05892.

(14)Purchase Order No. Leave blank.

(15)Warranty Order No. Enter the warranty period as stated in the contract.

(16)Type Report. Leave blank.

(17)ReportCode. Online "a", you will enter the code for the source of the item:

A-For equipment accepted from the manufacturer.

B-For items accepted from local procurement.

(18)through (20). Leave blank.

(21)Remarks.

a.Print "Permanent Logbook Copy" here.

b.For vehicles with radio mounts, identify the installation kit. This information is needed to identify the equipment for local use and when the equipment is transferred.

(22)Inspector's Signature. The person accepting the item into the Army Inventory signs and puts his or her telephone number here.

(23)Julian Date. You will enter the Julian date of acceptance.

CONTROL NO. 611287		1. ORGANIZATION B Co 4/6 Inf (Mech)		2. LOCATION APO NY 09111		3. UNIT IDENTIFICATION CODE WEZEB		4. UTILIZATION CODE 0		5. VEHICLE USE CODE	
6. NOMENCLATURE TRUCK UTILITY			7. MODEL M998		8. NATIONAL STOCK NO. 2320-01-107-7155			9. SERIAL NO. 4199		10. REGISTRATION NO. NG23A2	
11. YEAR OF MFG M85		12. MANUFACTURER (MFG Code)			13. CONTRACT NO.		14. PURCHASE ORDER NO.			15. WARRANTY PERIOD	
16. TYPE REPORT			17. REPORT CODE		18. USAGE		19. SHIPPED TO & ORGANIZATION			20. SHIPPED TO UIC	
a. ACCEPTANCE AND REGISTRATION					b. HOURS						
b. USAGE					c. MILES						
c. TRANSFER					d. ROUNDS						
d. LOSS					M2638		20. RECEIVED FROM & ORGANIZATION			21. RECEIVED FROM UIC	
e. GAIN					c. ROUNDS						
f. OTHER											
21. REMARKS											
22. INSPECTOR'S SIGNATURE										23. JULIAN DATE 0305	
EQUIPMENT CONTROL RECORD											
<small>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.</small>											
<small>REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.</small>											
DA FORM 1 OCT 72 2408-9										<small>REPORTS CONTROL SYMBOL CSGLD - 1608</small>	
<small>LOG BOOK COPY 3</small>											

Figure 5-8. Sample of a completed DA Form 2408-9 (USAGE)

Legend for Figure 5-8:

Completion instructions for DA Form 2408-9 (Usage Report)

Control Number. Will contain a six character control number.

(1) Organization. Enter the name of the reporting unit (parent unit).

(2)Location. Enter the location and zip code or APO of the activity in block 1.

(3)Unit Identification Code. You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4)Utilization Code.

a.Enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b.Will contain code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

(5)Vehicle Use Code.

a.For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army operated. Includes any Army-owned passenger carrying and

general purpose vehicle listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor Operated, includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities Engineering Vehicles.Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles.Includes all other special purpose vehicles not covered by code R.

b.Leave blank for other equipment.

(6)Nomenclature. Enter the noun of the equipment.

(7)Model.

a.For OTHER than passenger carrying and general purpose vehicles, enter the model of the equipment.

b.For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN)for the item as it is listed in appendix E, table E-4, or SB 700-20.

(8)National Stock No. Will contain the NSN of the item.

(9)Serial No.

- a. You will enter the complete serial number of the item. Make sure you list ALL characters and numbers making up the serial number, to include any preprinted suffix or prefix.
- b. For equipment with no serial number, use the preprinted control number on the Acceptance or Gain Report (DA Form 2408-9).
- c. For watercraft, enter the hull number.

(10)Registration No.

- a. You will enter the registration number assigned to the equipment.
- b. For watercraft, enter the registration number if one has been assigned. If no registration number has been assigned, use the hull number.

(11)Year of Mfg.

- a. For usage reports on passenger-carrying and general purpose vehicles, you will enter the four-digit model year, for example, 1990 or 1993.
- b. For all other equipment, you will enter a three character position entry. This entry will contain the two-digit year that the equipment was manufactured. Put the letter M before the numbers. For an item manufactured in 1990, you would put M90 in this block.

(12)Through (16). Leave blank.

(17)Report Code.

- a. For a periodic usage report, you will enter the letter C on line b.
- b. For a special DA-directed usage report, you will enter the letter D on line b.

(18)Usage.

- a. You will enter the total kilometers or miles in block 18b only, as applies to the equipment. Put the letter "M" before the number for

miles. Put the letter "K" before the number for kilometers. Make sure this block shows the total use over the lifetime of the equipment, up to and including the day you make out the form. You add the current meter reading to the total usage from previous meters. The DD Form 314 will give you total usage at the time the current meter was installed.

b. For equipment with no meter or an inoperative meter, you will enter the estimated miles in block 18b.

c. For overhauled equipment, you will enter the total usage in block 18b since overhauled.

(19)and (20). Leave blank.

(21)Remarks. For usage reports on watercraft, put usage data on all engines in this block: serial number, identifying application of the engine, location and usage since the last report went in. For example: Ser No. ID/APP Location Usage

671 RC3567-Main Engine-Port Outbd-525 Hrs

678253-Anch Engine-N /A-1 0 Hrs

671 RC6584-Main Engine-Port I nbd-250 Hrs

85C3A1 -Generator-Port-1 500 Hrs

(22)Inspector's Signature. Leave blank.

(23)Julian Date. You will enter the Julian date of the appropriate reporting date: 1 Feb, 1 Aug, 1 Oct, or 1 Nov. Notes: The maintenance officer is responsible for completing and distributing Usage Reports as of these dates:

As of 1 Oct for nontactical vehicles.

As of 1 Nov for tactical vehicles.

As of 1 Feb and 1 Aug for watercraft.

CONTROL NO. J718605		1. ORGANIZATION RED RIVER ARMY DEPOT		2. LOCATION TEXARKANA, TX 75507		3. UNIT IDENT CODE WOMCAA		4. UTILIZATION CODE 5		5. VEHICLE USE CODE	
6. NOMENCLATURE CARRIER PERSONNEL			7. MODEL M113A1		8. NATIONAL STOCK NO. 2358-88-968-6321		9. SERIAL NO. C432		10. REGISTRATION NO. 12FT55		
11. YEAR OF MFG 1H74		12. MANUFACTURER (MFG Code)		13. CONTRACT NO.		14. PURCHASE ORDER NO.		15. WARRANTY PERIOD			
16. TYPE REPORT		17. REPORT CODE		18. USAGE		19. SHIPPED TO UIC					
a. ACCEPTANCE				b. HOURS							
b. USAGE				c. MILES							
c. TRANSFER				d. ROUNDS							
d. LOSS				e. MILES							
e. GAIN				f. ROUNDS							
f. OTHER											
21. REMARKS											
<p style="transform: rotate(-45deg); border: 1px solid black; padding: 5px;">ENTER THE CUMULATIVE USAGE READING ON THE EQUIPMENT JUST PRIOR TO THIS OVERHAUL ACTION. BE SURE TO PUT "K" FOR KILOMETERS OR THE "M" FOR MILES IN FRONT OF THE USAGE.</p>						<p style="border: 1px solid black; padding: 5px;">IF THE OVERHAUL ALSO RESULTS IN AN NSN CHANGE, THE OVERHAUL MUST BE REFLECTED AGAINST THE OLD NSN AND NOT THE NEW ONE.</p>			<p style="border: 1px solid black; padding: 5px;">THE OVERHAUL DATE AND PERFORMING ACTIVITY MUST BE IN BLOCK 21 OF THE ACCEPTANCE OR GAIN PERMANENT LOGBOOK COPY.</p>		
22. INSPECTOR'S SIGNATURE								23. JULIAN DATE 0129			
EQUIPMENT CONTROL RECORD											
For use of this form, see DA Pam 738-750; the proponent agency is DCSLOG											
REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-9, 1 JAN 64, WHICH ARE OBSOLETE.											
DA FORM 2408-9 1 OCT 72		REPORTS CONTROL SYMBOL CSGLD-1698									

Figure 5-9. Sample of a completed DA Form 2408-9 (Overhaul Report)

Legend for Figure 5-9:

Completion instructions for DA Form 2408-9 (Overhaul Report)

Control Number Block. Will contain a six character control number.

(1) Organization. Enter the name of the activity performing the overhaul.

(2) Location. Enter the location and zip code or APO of the activity in block 1.

(3) Unit Identification Code. You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4) Utilization Code. You will enter the code from appendix B, table B-6, that applies to the reporting unit and equipment.

(5) Vehicle Use Code. Leave blank.

(6) Nomenclature. Enter the noun of the equipment.

(7) Model. Enter the model of the equipment.

(8) National Stock No. You will enter the NSN in this block. **(9) Serial No.**

a. You will enter the complete serial number of the item. Make sure you list ALL characters and numbers making up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number on the Acceptance or Gain report (DA Form 2408-9 or DA Form 2408-8).

c. For watercraft, enter the hull number.

(10) Registration No.

a. You will enter the registration number assigned to the equipment.

b. For watercraft, enter the registration number if one has been assigned. If no registration number has been assigned, use the hull number.

(11) Year Of Mfg. You will enter a four digit alpha/numeric entry. Enter the number of this overhaul action in this block. Put the letter "H" for overhaul and the two-digit year of the action after the number. For an item whose first overhaul is in 1993 put 1H93. If the first overhaul was in 1984 and this overhaul is in 1993 put 21-193.

(12) through (16). Leave blank.

(17) Report Code. You will enter the letter Von line f.

(18) Usage.

a. You will enter the cumulative usage reading on the equipment just prior to this overhaul action. Be sure to put the "K" for kilometers or the "M" for Miles in front of the usage reading.

b. If at the time of overhaul the odometer is NOT reset to "zero" miles/kilometers (K or M), the odometer reading will be recorded in block 21 of the log book copy of the Acceptance or Gain Report.

(19) and (20). Leave blank.

(21) Remarks. For equipment that is depot overhauled, the maintenance facility doing the action will write on the Permanent Logbook copy: "Overhauled on (month and year)" followed by the name of the facility. If equipment has a DA Form 2408-8, this information will be in block 17 of that form.

(22) Inspector's Signature. Leave blank.

(23) Julian Date. You will enter the Julian date of the report.

CONTROL NO. 611289		1. ORGANIZATION 2/31 Inf Bn		2. LOCATION FT Ord, CA 93941		3. UNIT IDENT CODE WALCAA		4. UTILIZATION CODE Ø		5. VEHICLE USE CODE	
6. NOMENCLATURE TRK CGO 2 1/2T W/W			7. MODEL M35A2		8. NATIONAL STOCK NO. 232Ø-ØØ-Ø77-1617		9. SERIAL NO. 53911954		10. REGISTRATION NO. 4H79371		
11. YEAR OF MFG		12. MANUFACTURER (MFG Code)		13. CONTRACT NO.		14. PURCHASE ORDER NO.		15. WARRANTY PERIOD			
16. TYPE REPORT			17. REPORT CODE		18. USAGE		19. SHIPPED TO a. ORGANIZATION		b. SHIPPED TO UIC		
a. ACCEPTANCE AND REGISTRATION					a. HOURS						
b. USAGE					b. MILES						
c. TRANSFER					c. ROUNDS		20. RECEIVED FROM a. ORGANIZATION		b. RECEIVED FROM UIC		
d. LOSS											
e. GAIN			Q								
f. OTHER											
21. REMARKS VEHICLE OBTAINED FROM DRMO											
22. INSPECTOR'S SIGNATURE "PERMANENT LOGBOOK COPY"										23. JULIAN DATE 0178	
EQUIPMENT CONTROL RECORD For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.										REPORTS CONTROL SYMBOL CSGLD-1808	
DA FORM 2408-9 1 OCT 78											
REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.											
LOG BOOK COPY 3											

Figure 5-10. Sample of a completed DA Form 2408-9 (GAIN)

Completion instructions for DA Form 2408-9 (Gain Reports)

Control Number Block. Will contain a six character control number.

(1)Organization. Enter the name of the reporting unit.

(2)Location. Enter the location and zip code of the activity in block 1.

(3)Unit Identification Code. You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4)Utilization Code.

a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

(5)Vehicle Use Code.

a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

(6)Nomenclature. Enter the noun of the equipment.

(7)Model.

a. Enter the model of the item.

b. For passenger-carrying and general purpose vehicles, you will enter the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

(8)National Stock No. You will put the NSN in this block.

(9)Serial No.

a. Enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number of the

Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).

c. For vehicle mounted weapon systems, like the M I 13A2 TOW, etc. use the vehicle serial number.

(10)Registration No.

a. You will enter the registration number of the equipment.

b. If no registration number has been assigned, leave the block blank.

c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.

(11)Year Of Mfg.

a. For Gain Reports on passenger-carrying and general purpose vehicles, enter the four-digit model year; for example, 1992.

b. For Gain Reports on other than passenger-carrying and general purpose vehicles, enter the two-digit year the equipment was manufactured. Put the letter "M" before the numbers. For example, this block would contain M78 for an item manufactured in 1978.

(12)Through (16). Leave blank.

(17)Report Code. You will enter the appropriate gain coded on line e.

Gain codes are listed below:

F-Gain of an item as a result of disassembly of an integrated set/assembly.

P-Combat Gain (recaptured or recovered).

Q-Reclaimed from Defense Reutilization and Marketing Office (DRMO) or cannibalization point.

R-Received from other (non-Army) Government departments, agencies or services.

S-Identification gain, redesignated NSN. See Figure 5-13.

T-Identification gain, integrated set assembly with new NSN; or a change of equipment serial number or registration.

U-Inventory adjustment gain (found on post). This code will also be used to report the gain of reportable items of equipment which have been added to appendix E by TWX or changes to this pamphlet and to report the gain of previously unknown or unreported assets.

(18)Through (20). Leave blank.

(21)Remarks. You will put the words "Permanent Logbook Copy" in this block. You will also enter the name of the organization from whom the item was obtained.

(22)Inspector's Signature. Leave blank.

(23)Julian Date. You will enter the Julian date the report was made out.

CONTACT NO. 611290		1. ORGANIZATION 2/163 AR SQ TRPF		2. LOCATION BUTTE, MT 59701		3. UNIT IDENT CODE WQNSF0		4. UTILIZATION CODE 7		5. VEHICLE USE CODE	
6. NOMENCLATURE TANK COMBAT 105MM			7. MODEL M48A5		8. NATIONAL STOCK NO. 2350-01-059-1504		9. SERIAL NO. A3691		10. REGISTRATION NO. JA01FQ		
11. YEAR OF MFG		12. MANUFACTURER (MFG Code)		13. CONTRACT NO.		14. PURCHASE ORDER NO.		15. WARRANTY PERIOD			
16. TYPE REPORT			17. REPORT CODE		18. USAGE		19. SHIPPED TO & ORGANIZATION		20. SHIPPED TO UIC		
a. ACCEPTANCE AND REGISTRATION					a. HOURS						
b. USAGE											
c. TRANSFER					a. MILES						
d. LOSS			K				20. RECEIVED FROM & ORGANIZATION		21. RECEIVED FROM UIC		
e. GAIN					c. ROUNDS						
f. OTHER											
21. REMARKS											
22. INSPECTOR'S SIGNATURE								23. JULIAN DATE 0236			
EQUIPMENT CONTROL RECORD										REPORTS CONTROL SYMBOL CSGLD - 1608	
<small>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.</small>											
DA FORM 2408-9		<small>REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.</small>						<small>LOG BOOK COPY 3</small>			

Figure 5-11. Sample of a completed DA Form 2408-9 (loss reports)

Legend for Figure 5-11:

Completion instructions for DA Form 2408-9 (Loss Reports)

Control Number Block. Will contain a six character control number.

- (1) **Organization.** Enter the name of the reporting unit.
- (2) **Location.** Enter the location and zip code of the activity in block 1.
- (3) **Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.
- (4) **Utilization Code.**

- a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.
- b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

(5) Vehicle Use Code.

- a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

- b. Leave blank for other equipment.

(6) Nomenclature. Enter the noun of the equipment.

(7) Model. a. Enter the model of the item.

b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.

- c. For watercraft, enter the hull design number.

(8) National Stock No. You will enter the NSN in this block.

(9) Serial No.

a. You will enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number of the Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).

c. For vehicle mounted weapon systems, like the M1 13A2 TOW, etc. use the vehicle serial number.

(10) Registration No.

a. You will enter the registration number of the equipment.

b. If no registration number has been assigned, leave the block blank.

c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.

(11) Year of Mfg. Leave blank.

(12) through (16). Leave blank.

(17) Report Code. You will enter the applicable loss code on line

d. Loss codes are listed below:

E-Loss due to disassembly of a reportable integrated set/assembly.

I-Combat loss (abandoned, captured, destroyed).

J-Turned into Defense Reutilization and Marketing Office (DRMO) or cannibalization point.

K-Shipped to other (non-Army) government departments, agencies, services, MAP, Foreign Military Sales.

L-Physical loss other than combat (pilferage, theft, etc.)

M-Identification loss, NSN Redesignation. See Figure 5-13.

N-Identification loss, integrated into a set assembly or system; or change of equipment serial number or registration number.

(18) through (22). Leave blank.

(23) Julian Date. You will enter the Julian date the report was made out.

CONTROL NO. 611291		1. ORGANIZATION LETTERKENNY ARMY DEPOT		2. LOCATION CHAMBERSBURG, PA 17201		3. UNIT IDENT CODE W0L6AA		4. UTILIZATION CODE 5		5. VEHICLE USE CODE	
6. NOMENCLATURE HOWITZER 155MM			7. MODEL M109A3		8. NATIONAL STOCK NO. 2350-01-031-8851			9. SERIAL NO. 1946		10. REGISTRATION NO. 12A36266	
11. YEAR OF MFG		12. MANUFACTURER (MFG Code)			13. CONTRACT NO.		14. PURCHASE ORDER NO.			15. WARRANTY PERIOD	
16. TYPE REPORT		17. REPORT CODE		18. USAGE		19. SHIPPED TO & ORGANIZATION			20. SHIPPED TO UIC		
a. ACCEPTANCE AND REGISTRATION				a. HOURS		2/278 AR CAV SQ KINGSPORT, TN 47160			WVEAAA		
b. USAGE											
c. TRANSFER		1		b. MILES		20. RECEIVED FROM & ORGANIZATION			21. RECEIVED FROM UIC		
d. LOSS											
e. GAIN				c. ROUNDS							
f. OTHER											
21. REMARKS											
22. INSPECTOR'S SIGNATURE									23. JULIAN DATE 0167		
EQUIPMENT CONTROL RECORD									REPORTS CONTROL SYMBOL CSGLD-1808		
<small>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.</small>											

DA FORM 2408-9
1 OCT 72

REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.

LOG BOOK COPY 3

Figure 5-12. Sample of a completed DA Form 2408-9(Transfer)

Legend for Figure 5-12:

*Completion instructions for DA Form 2408-9 (Transfer Reports)***Control Number Block.** Will contain a six character control number.

- (1) **Organization.** Enter the name of the reporting unit.
- (2) **Location.** Enter the location and zip code of the activity in block 1.
- (3) **Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank, do not use the 6 position DODAAC.
- (4) **Utilization Code.**
- a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.
- b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).
- (5) **Vehicle Use Code.**
- a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:
- A—Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).
- B—Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).
- R—Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.
- X—All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.
- b. Leave blank for other equipment.
- (6) **Nomenclature.** Enter the noun of the equipment.
- (7) **Model.**
- a. Enter the model of the item.

- b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.
- c. For watercraft, enter the hull design number.
- (8) **National Stock No.** Will contain the NSN in this block.
- (9) **Serial No.**
- a. You will enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.
- b. If the item has no serial number, you will use the control number of the Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).
- c. For vehicle mounted weapon systems, like the M1 13A2 TOW, etc., use the vehicle serial number.
- (10) **Registration No.**
- a. You will enter the registration number of the equipment.
- b. If no registration number has been assigned, leave the block blank.
- c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.
- (11) **Through (16).** Leave blank.
- (17) **Report Code.** You will enter the applicable report code online c. Report codes are listed below:
- 1—Shipped to another property account.
- 2—Received from another property account.
- (18) **Usage.** Leave blank.
- (19) **Shipped To.** If report code "1" is in block 17c, enter the name, location and UIC of the organization that you are sending the item to.
- (20) **Received From.** If report code "2" is in block 17c, enter the name, location, and UIC of the organization that sent you the item. Note: When a transfer code ("1" or "2") appears on line c, block 17, there will be a UIC (not a DODAAC) in either block 19b or 20b, but not both.
- (21) **Remarks.** Leave blank.
- (22) **Inspector's Signature.** Leave blank.
- (23) **Julian Date.** You will enter the Julian date of the report.

CONTROL NO. 608318		1. ORGANIZATION Letterkenny Army Depot		2. LOCATION Chambersburg, PA 17801		3. UNIT IDENT CODE WQ16AA		4. UTILIZATION CODE 5		5. VEHICLE USE CODE	
6. NOMENCLATURE Howitzer 155MM			7. MODEL M109A3		8. NATIONAL STOCK NO. 2350-01-031-8851			9. SERIAL NO. 1818		10. REGISTRATION NO. 12A23466	
11. YEAR OF MFG M67		12. MANUFACTURER (MFG Code)			13. CONTRACT NO.		14. PURCHASE ORDER NO.		15. WARRANTY PERIOD		
16. TYPE REPORT ORIGINAL YEAR OF MANUFACTURE			17. REPORT CODE		18. USAGE			19. SHIPPED TO a. ORGANIZATION		b. SHIPPED TO UIC	
c. ACCEPTED REGISTRATION			d. HOURS		e. MILES			20. RECEIVED FROM c. ORGANIZATION		d. RECEIVED FROM UIC	
a. USAGE			f. ROUNDS								
c. TRANSFER			g. LOSS								
d. GAIN			h. OTHER								
21. REMARKS THIS EQUIPMENT WAS REDESIGNATED FROM NSN 2350-00-485-9662, MODEL M109A1 (M)											
"PERMANENT LOGBOOK COPY"											
22. INSPECTOR'S SIGNATURE								23. JULIAN DATE 0235			
EQUIPMENT CONTROL RECORD										REPORTS CONTROL SYMBOL CSGLD - 1608	
<small>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.</small>											

DA FORM 2408-9
1 OCT 73

REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.

LOGBOOK COPY 3

Figure 5-13. Sample of a completed DA Form 2408-9 (NSN change)

Legend for Figure 5-13:

Completion instructions for DA Form 2408-9 (Redesignation Reports (NSN Change))

Control Number Block. Will contain a six character control number.**(1) Organization.** Enter the name of the reporting unit.**(2) Location.** Enter the location and zip code of the activity in block 1.**(3) Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.**(4) Utilization Code.**

a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

(5) Vehicle Use Code.

a. For all non-tactical wheeled vehicles, as listed in Appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A—Army Operated. Includes any Army-owned passenger carrying and general purpose vehicle listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B—Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contract use (GOCO).

R—Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X—All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

(6) Nomenclature. Enter the noun of the equipment.**(7) Model.**

a. Enter the model of the item.

b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

(8) National Stock No. When maintenance action, MWO, etc. changes the NSN of an item, the new NSN will go in this block. The old NSN will be entered in block 21.**(9) Serial No.**

a. You will enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number of the Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).

c. For vehicle mounted weapon systems, like the M 1 13A2 TOW, etc., use the vehicle serial number.

(10) Registration No.

a. You will enter the registration number of the equipment.

b. If no registration number has been assigned, leave the block blank.

c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.

(11) Year Of Mfg. Enter the two-digit year the equipment was manufactured. Make sure you do not use a rebuild or overhaul date.**(12) through (16).** Leave blank.**(17) Report Code.**

a. You will enter report Code "S" to report an identification gain, redesignated NSN. In block 21, you will enter the old NSN.

b. If a redesignation report results in a serial number or registration change, you are required to put in a loss and gain report. Send in a Code "N" Loss for the old serial number/ registration number and a Code "T" Gain for the new serial number/ registration number. (See figures 5-10 and 5-11.)

(18) through (20). Leave blank.**(21) Remarks.** For an NSN Redesignation Report, when only the NSN has changed, you will put the old NSN in this block. Immediately

following the NSN, you will enter a circled "M". (This circled "M" is for

data reduction instruction purposes). Enter "Permanent Logbook Copy" on the logbook copy.

(22) **Inspector's Signature.** Leave blank.

(23) **Julian Date.** You will enter the Julian date of the report.

CONTROL NO. 611292		1. ORGANIZATION 12th FWD SPT BN		2. LOCATION FT CARSON, CO 80913		3. UNIT IDENT CODE WKR3AA		4. UTILIZATION CODE g		5. VEHICLE USE CODE	
6. NOMENCLATURE TANK COMBAT			7. MODEL M6BA1		8. NATIONAL STOCK NO. 2359-00-756-8497		9. SERIAL NO. 3131		10. REGISTRATION NO. 9B3584		
11. YEAR OF MFG M85		12. MANUFACTURER (MFG Code)		13. CONTRACT NO.		14. PURCHASE ORDER NO.		15. WARRANTY PERIOD			
16. TYPE REPORT			17. REPORT CODE		18. USAGE		19. SHIPPED TO UIC				
4. ACCEPTANCE AND REGISTRATION			18. USAGE		19. SHIPPED TO UIC		20. RECEIVED FROM a. ORGANIZATION				
5. USAGE			18. USAGE		19. SHIPPED TO UIC		20. RECEIVED FROM a. ORGANIZATION				
6. TRANSFER			18. USAGE		19. SHIPPED TO UIC		20. RECEIVED FROM a. ORGANIZATION				
7. LOSS			18. USAGE		19. SHIPPED TO UIC		20. RECEIVED FROM a. ORGANIZATION				
8. GAIN			18. USAGE		19. SHIPPED TO UIC		20. RECEIVED FROM a. ORGANIZATION				
9. OTHER			18. USAGE		19. SHIPPED TO UIC		20. RECEIVED FROM a. ORGANIZATION				
21. REMARKS M CONUS Tactical Wheeled Vehicle Repair											
22. INSPECTOR'S SIGNATURE											
23. JULIAN DATE 0193											
EQUIPMENT CONTROL RECORD For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics. REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.											
DA FORM 2408-9 OCT 72											
LOG BOOK COPY 3											

Figure 5-14. Sample of a completed DA Form 2408-9(Repair)

Legend for Figure 5-14:

Completion instructions for DA Form 2408-9 (Repair Action)

Control Number Block. Will contain a six character control number.

(1) **Organization.** Enter name of the organization performing the repair.

(2) **Location.** Enter the location and the zip code or APO of the activity in block 1.

(3) **Unit Identification Code.** You will enter the UIC of the organization in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4) **Utilization Code.** You will enter the code from table B-6 in Appendix B that applies to the reporting unit and equipment.

(5) **Vehicle Use Code.** Leave blank.

(6) **Nomenclature.** Enter the noun description of the equipment.

(7) **Model.** Enter the model of the equipment.

(8) **National Stock Number.** You will enter the NSN of the item.

(9) **Serial Number.**

a. You will enter the complete serial number of the item. Make sure you list ALL the letters and numbers making up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number on the Acceptance or Gain report (DA Form 2408-9 or DA Form 2408-8).

(10) **Registration Number.** You will enter the registration number assigned to the equipment.

(11) **Year of Mfr.** You will enter a three character alpha/numeric entry. This entry consists of the two-digit year equipment was manufactured. Put the letter "M" before the numbers. For an item manufactured in 1990, you would put M90 in block 11.

(12) through (16). Leave blank.

(17) **Report Code.** You will enter the code "W" in block 17 to indicate repair.

(18) **Usage.**

a. You will enter the total miles or kilometers only, as applies to the equipment. Put the letter "M" before the number for miles. Put the letter "K" before the number of kilometers. Make sure this block shows the total use over the lifetime of the equipment, up to and including the day you make out the form. You add the current meter reading to the total usage from previous meters. The DD Form 314 will give you total usage at the time the current meter was installed.

b. For overhauled equipment, you will enter the total usage since overhaul. For equipment with no odometer, put 0 in this block.

(19) and (20). Leave blank.

(21) **Remarks.** Enter the type of repair program, i.e., CONUS tactical wheeled vehicle repair, or GSRP.

(22) **Inspector's Signature.** Leave blank.

(23) **Julian Date.** You will enter the Julian date the repair action was completed.

1. ITEM				2. SAMPLE FREQUENCY	3. COMPONENT		
4. NOMENCLATURE AND TYPE CARRIER PERSONNEL				25 HOURS / 60 DAYS	4. NOMENCLATURE AND TYPE ENGINE 6V53		
5. MODEL M113A1					5. SERIAL NUMBER A9291		
6. PART NUMBER BKS713056					6. TIME SINCE NEW OR OVERHAUL 0		
7. DATE SAMPLE SUBMITTED	8. HOURS			9. REASON FOR SAMPLE	RESULTS	10. RESULTS RECEIVED	
	ENGINE	COMPONENT	LAST OIL CHG.			DATE	SIGNATURE/PID
4 JAN 92	120	120	0	ROUTINE	NORMAL	9 Jan 92	J. Miller
18 JAN 92	145	145	25	ROUTINE	NORMAL	23 Jan 92	J. Miller
1 MAR 92	170	170	50	ROUTINE	NORMAL	4 Mar 92	J. Miller
3 APR 92	195	195	75	ROUTINE	RESAMPLE ROD	3 Apr 92	J. Miller
4 APR 92	195	195	75	SPECIAL	CHANGE OIL (MILCO) RESAMETER SABS OPR	6 Apr 92	J. Miller
6 APR 92	200	200	5	SPECIAL	NORMAL	9 Apr 92	R. Peters
8 MAY 92	225	225	30	ROUTINE	NORMAL	13 May 92	J. Miller
17 MAY 92	245	245	50	SPECIAL	CHANGE OIL (MILCO) RESAM AFTER SABS OPR	18 May 92	R. Peters
18 MAY 92	250	250	5	SPECIAL	NORMAL	20 May 92	J. Miller

DA FORM 2408-20, DEC 91
EDITION OF MAY 81 IS OBSOLETE

OIL ANALYSIS LOG

For use of this form, see DA PAM 738-750 and 738-751. The proponent agency is DCSLOG.

Figure 5-15. Sample of a completed DA Form 2408-20

SECTION C - REPAIR AND COST RECORD								
DATE a	WORK ORDER NO. b	NATURE OF REPAIR c	MAN- HOURS d	COST				
				PARTS e	LABOR f	TOTAL g		
12 Jun 93		Consolidation (From previous form)	43.2					
13 Jul 93	A1269	Replaced Hydraulic Line	1.2					
16 Jul 93	A1310	Replaced L71C Holddown Latch Assy	2.8					
SECTION D - MODIFICATION RECORD								
MODIFICATIONS REQUIRED					MODIFICATIONS COMPLETE			
MWO NO. a	DATE OF MWO (Day - Month - Year) b	PRIORITY c	ECH d	MWO TITLE OR KIT NUMBER(S) e	DATE MWO APPLIED (Day - Month - Year) f	MAN- HOURS g	ORGANIZATION APPLYING MWO h	SIGNATURE (Certification of MWO Applicant) i

U.S. Government Printing Office: 1989-242-470/100-102

Figure 5-16. Sample of a completed DA Form 2409—Continued

Legend for Figure 5-16:

Completion instructions for DA Form 2409

Section A**General.**

- (1) **Stock Number.** Enter the NSN of the item.
- (2) **Model Number.**
 - a. Enter the model number of the item.
 - b. If the equipment has no model number, put NONE in this block.
 - c. For watercraft, enter the hull design number.
- (3) **Serial Number.**
 - a. Enter the serial number.
 - b. For watercraft, enter the DA hull number.
- (4) **Location.** Enter the actual location of the equipment. (Pencil entry)
- (5) **Frequency Of Maint Inspection.** Enter the type of frequency (interval) of the maintenance inspections: weekly, monthly, semi-annual, etc.
- (6) **Nomenclature.** Enter the noun.
- (7) **Expected Useful Life.** When you know it, enter the expected useful life of the equipment. You'll find this information in some equipment pubs and maintenance expenditure pubs. If you do not know the expected life, put UNK in this block.
- (8) **Expected Date of Retirement.** Enter the calendar date the item is expected to be taken out of service. You will get this date by adding the life expectancy in block 7 to the "put in service" date in block 11. If you do not have this information, put UNK in this block.
- (9) **Technical References.** Enter the number of the organizational level technical publication on the item.
- (10) **Manufacturer.** Enter the name of the manufacturer of the item. If you do not know, put UNK in this block.
- (11) **Date Put In SVC.** Enter the calendar date the item was accepted into the Army inventory. If you do not know, estimate. Put EST before the estimated date: EST June 1977, for example.
- (12) **Unit Cost.** Enter the current cost of replacing the item. If you

have no other cost, use the price on the Army Master Data File (AMDF).

Section B**Maintenance Inspection Record**

- (a) **Date.** Enter the day, month, and year the scheduled maintenance inspection, load test, or service was done.
- (b) **Initial.** The person doing the inspection, test, or service initials.
- (c) **Remarks.** Enter the results of the test, inspection, or service. Normally the words "service" or "load test" are enough. When support units work on the equipment, put the job order number in this column.

Section C**Repair And Cost Record**

- (a) **Date.** Enter the calendar date the repair work was finished. For safety recall, put the date the recall work was done.
 - (b) **Work Order No.**
 - a. Enter the maintenance request or work order number if one was used.
 - b. For safety recalls, enter the recall number.
 - (c) **Nature of Repair.**
 - a. Briefly describe the repair work.
 - b. For safety recalls, describe the recall action.
 - (d) **Man-Hours.** Enter the total man-hours used in the work. Round to the nearest tenth of an hour.
- Cost.**
- a. Fill in columns e, f, and g only when this information is required locally. Otherwise, leave blank.
 - b. This entry is required for commissary equipment and all non-tactical special purpose vehicles.
 - (e) **Parts.** Enter the cost of the parts used. Do not include cost of common hardware, items you get from the cannibalization point, etc.
 - (f) **Labor.** Enter the cost of the labor.
 - (g) **Total.** Add the costs in columns e and f together.

Section D

Leave this Section blank.

INPUT FORMAT FOR DA FORM 2408-9
ACCEPTANCE AND REGISTRATION REPORT

CONTROL NUMBER	UNIT IDENT CODE	UTILIZATION CODE	NOMENCLATURE	MODEL OR LIT	NATIONAL STOCK NUMBER	SERIAL NUMBER	REGISTRATION NUMBER	YEAR OF MFG	MFG CODE	REPORT DATE
1	2	3	4	5	6	7	8	9	10	11

Data Reduction Instructions for DA Form 2408-9 (Acceptance and Registration) card Code G

Source DA Forms 2408-9—Block 17 "A or B".

Block	Field Legend	Position From	Position To	Position Length	A	N	A/N	Remarks
N/A	Control No	1	6	6			X	
3	Unit Ident Code	7	12	6			X	
4	Utilization Code		13	1			X	As shown except ON = 0 numeric
5	Vehicle Use Code		14	1	X			
6	Nomenclature	15	22	8			X	
7	Model	23	30	8			X	
8	National Stock No	31	43	13			X	No dashes
9	Serial No.	44	53	10			X	*Right Justify
10	Registration No.	54	61	8			X	Right Justify. Do not prefix with zeros. O&I (Alpha) will be entered zero & one.
11	Year Of Mfg	62	65	4			X	Right Justify.
12	Manufacturer	66	70	5			X	
			71	74				Leave blank
17	Report Code		75	1	X			Enter A or B.
23	Julian Date	76	79	4		X		
N/A	Card code		80	1	X			Enter G.

*Do not prefix with zeros or punch special characters (i.e., slashes/dashes). Enter only the last ten characters.
Note: All data left justified unless otherwise indicated.

Figure 5-17. Input Format (Acceptance and Registration) Card code "G"

CONTROL NUMBER	CONTRACT NUMBER	NATIONAL STOCK NUMBER	SERIAL NUMBER	REGISTRATION NUMBER	PURCHASE ORDER NUMBER
1	2	3	4	5	6

Data Reduction Instructions for DA Form 2408-9, (Acceptance and Registration) Trailer Card (Card Code "H")

This transaction must accompany all Card Code "G" transactions.

Source DA Form 2408-9—Block 17 "A" or "B"

Block	Field Legend	Position From	Position To	Position Length	A	N	A/N	Remarks
N/A	Control No	1	6	6			X	
13	Contract No.	7	30	24			X	
8	National Stock No	31	43	13			X	No dashes.
9	Serial No	44	53	10			X	Right Justify*
10	Registration No.	54	61	8			X	Do not prefix with zeros. Right justify
14	Purchase Order No	62	74	13			X	Do not prefix with zeros. Right justify
N/A	Blank	75	79	5				Leave blank.
N/A	Card Code		80	1	X			Enter H.

*Do not prefix with zeros or punch special characters (i.e., slashes/dashes) enter only the last ten characters.
Note: All data Left Justified Unless Otherwise Indicated.

Figure 5-18. Input Format (Acceptance and Registration) Trailer Card (Card Code "H")

INPUT FORMAT FOR DA FORM 2408-8
USAGE OR REBUILD/OVERHAUL REPORT

CONTROL NUMBER	UNIT IDENT CODE	UTILIZATION CODE	MODEL OR LIA	NSH	SERIAL NUMBER	REGISTRATION NUMBER	YEAR OF MFG	TYPE OF ACTION	REPORT CODE	HOURS	MILES	ROUNDS	REPORT DATE	CC																																																																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00

Data Reduction Instructions for DA Form 2408-8, Usage or Rebuild/Overhaul (Card Code "J")

Source DA Form 2408-8—Block 17 "C", "D" or "V"

Block	Field Legend	Position From	Position To	Position Length	A	N	A/N	Remarks
N/A	Control No	1	6	6			X	
3	Unit Ident Code	7	12	6			X	
4	Utilization Code		13	1			X	As shown except 0N equals 0 numeric.
5	Vehicle Use Code		14	1	X			
7	Model	15	22	8			X	
8	National Stock No	23	35	13			X	No dashes.
9	Serial No	36	45	10			X	**Right justify.
10	Registration No	46	53	8			X	**Do not prefix with zeros.
11	Number of Overhauls/Overhaul/Rebuild		54	1		X		For H or R action only***
11	Usage, Overhaul, Or Rebuild Type Action		55	1	X			Must be H, M, or R.***
11	Year Of MFG	56	57	2	X			***
18b			58	1	X			Must be M or K.
17	Report Code		59	1	X			Must be C, D, or V.
18a	Hours	60	64	5		X		Leave blank.
18b	Miles	65	70	6		X		Right justify. Prefix with zeros.
18c	Rounds	71	75	5		X		Leave blank.
23	Julian Date	76	79	4		X		
N/A	Card Code		80	1	X			Enter J.

Notes:

All data left justified unless otherwise indicated.

* Do not prefix with zeros or enter special characters (i.e., slashes/dashes).

** O&I (alpha) will be entered as zero and one.

***For usage reports on passenger carrying and general purpose vehicles, positions 54 through 57 will contain the four digit year of manufacturer. All other usage reports will contain "M" in position 55. Positions 56 and 57 will contain the year of mfg if it is a usage report or year of action if overhaul/rebuild report.

Figure 5-19. Input Format (Usage or Overhaul) Card Code "J"

TRANSFER, LOSS OR GAIN REPORT

CONTROL NUMBER	UNIT IDENT CODE	REGISTRATION NO	MODEL OR LTN	NSN	SERIAL NUMBER	HOURS	MILES	ROUNDS	UNIT IDENT CODE (TO FROM)	REPORT DATE	CARD CODE
1	2	3	4	5	6	7	8	9	10	11	12

Data Reduction Instructions for DA Form 2408-9, (Transfer, Gain, or Loss) (Card Code "K")

Source DA Form 2408-9 Block 17 "S" or "M"

Block	Field Legend	Position		Position Length	A	N	A/N	Remarks
		From	To					
N/A	Control No	1	6	6			X	
3	Unit Ident Code	7	12	6			X	
4	Utilization Code		13	1			X	As shown except ON Enter 0 numeric.
5	Vehicle Use Code		14	1			X	
10	Registration No	15	22	8			X	Right justify. Do not prefix with zeros. O&I will be entered as zero and one.
7	Model	23	30	8			X	
8	National Stock No	31	43	13			X	No dashes.
9	Serial No	44	53	10			X	Right justify. Do not prefix with zeros or enter special characters. Only enter the last 10 characters.
17	Report Code		54	1			X	See note 1
18a	Hours	55	59	5		X		Right justify. Prefix with zeros. May be blank.
18b	Miles	60	64	5		X		See Note 3. Right justify. Prefix with zeros.
18c	Rounds	65	69	5		X		Right justify. Prefix with zeros.
19/20	Unit Ident Code	70	75	6			X	
23	Julian Date	76	79	4		X		
N/A	Card Code		80	1	X			Enter K.

Notes: All data left justified unless otherwise indicated.

(1) When Block 17 equals "S" two K transactions will be prepared. The data will be duplicated in each transaction. Enter the new NATIONAL STOCK NO in positions 31-43 and the Report Code "S" in position 54. Enter the old NATIONAL STOCK NO in position 31-43 and the REPORT CODE "M" in position 54 from block 21 REMARKS.

(2) All data left justified unless otherwise indicated. Do not prefix with zeros or enter special characters (i.e., slashes/dashes).

(3) If 100,000 miles/kilometers or more are reported, enter last five positions and an eleven zero entry in position 60.

Figure 5-20. Input Format (Transfer, Gain, or Loss) Card Code "K"

REPAIR REPORT

CONTROL NUMBER	UNIT IDENT CODE	MODEL	NSN	SERIAL NUMBER	REGISTRATION #NO	YEAR OF MFG	REPORT CODE	HOURS	MILES	ROUNDS	REPORT DATE	CARD CODE
1	2	3	4	5	6	7	8	9	10	11	12	13

Data Reduction Procedures for DA Form 2408-8, (Repair Action) Card code "M"

Source DA Form 2408-8 Block 17 "W"

Block	Field Legend	Position From	Position To	Position Length	A	N	A/N	Remarks
N/A	Control No	1	6	6			X	
3	Unit Ident Code	7	12	6			X	
4	Utilization Code		13	1			X	As shown except ON - 0 numeric
7	Model	15	22	8			X	
8	National Stock No	23	35	13			X	No dashes.
9	Serial No	36	45	10			X	Right justify. Do not prefix with zeros or use special characters
10	Registration No	46	53	8			X	Right justify
			54					Leave blank
11	Manufactured		55	1	X			Enter "M"
11	Year Of MFG	56	57	2		X		Enter last two digits of calendar year
18b	Report Code		58	1	X			Enter M or K.
17	Report Code		59	1	X			Enter W.
18a	Hours	60	64	5		X		Right justify. Prefix with zeros.
18b	Miles	65	70	6		X		Right justify. Prefix with zeros.
18c	Rounds	71	75	5		X		Right justify. Prefix with zeros.
23	Julian Date	76	79	4		X		
N/A	Card Code		80	1	X			Enter M.

Note: All data left justified unless otherwise indicated.

Figure 5-21. Input Format (Repair Action)Card Code "M"

DEPARTMENT OF DEFENSE AMMUNITION DATA CARD				Form Approved Budget Bureau No. 22-R0240	
1 ITEM NAME/DESCRIPTION Morris Guidance Set AM/DW-48		2 PKG		3 LOT NUMBER A/N 2343	
4 MANUFACTURING LOADING OR ASSEMBLING ACTIVITY LEV-M Box 909 Warren, Michigan		5 NET QUANTITY 1		6 PACKING OF LOT	
7 CONTRACTOR LEV-M		8 DRAWING OR ORDER NO DAAR-01-T3-C-0001		9 DRAWING OR REVISION 10255397	
10 DATE STARTED N/A		11 DATE COMPLETED N/A		12 DATE INSPECTED 6-20-74	
13 CHARGE HEIGHT N/A		14 INDEX OF WORDS N/A		15 LINE OF ISSUE N/A	
16 EXCLUSIVE WEIGHT PER PKG N/A		17 EXPECTED MUZZLE VELOCITY N/A		18 EXPECTED PRESSURE N/A	
19 NUMBER OF TEST SAMPLES N/A		20 SENT TO N/A		21 DATE AND MODE OF SHIPMENT N/A	
22 COMPONENTS (Continue on reverse, if necessary)					
COMPONENT	DRAWING NO	MODEL	MANUFACTURER	DATE MFG	LOT NO
Battery, Power	10290093		Engle Patcher Ind.	7/73	A/N 2343
Battery, Pulse	10290092		Engle Patcher Ind.	7/73	A/N 2343
Displacement, Otto	10166300		Engle Patcher Ind.	7-7-74	A/N 2343
23 DISPOSITION Accepted				24 TYPED NAME OF GOVERNMENT INSPECTOR WOODROW EARLE	
				SIGNATURE <i>Woodrow Earle</i>	

DD FORM 1650

VOID 9-8-74

22a COMPONENTS (Continue)						
COMPONENT	DRAWING NO	MODEL	MANUFACTURER	DATE MFG	LOT NO	QUANTITY
*PULSE AND POWER BATTERY INSTALLED AT ANNISTON ARMY DEPOT, 28 AUG 1974. <i>(Y. M. ...)</i> EDWARD S. BRIDGES QA SPECIALIST (AMMU)						

Figure 5-22. Sample of completed DD Form 1650

Legend for Figure 5-22:

Completion instructions for Component Section of the DD Form 1650 MIL-STD-1167B directs the use and tells you how to fill out the DD Form 1650. Instructions below just tell you how to carry component changes on the card.

Block 23 Components. Give the approved item name. A separate line will be used for each serial numbered component, subassembly, or assembly.

Drawing Number. List the drawing number, revision letter, and applied Engineering Orders (EOs), if the item has any. Model. Enter the model number for any item that has a model number.

Manufacturer. Give the manufacturer of each lot of each component used. (if any parts come from a supplier other than the one listed in block 7, a complete loaded item description must be given.)

Date Mfg. Enter the month and year (if you know it) each lot of each component was made.

Lot No. Enter the complete lot number or serial number of each component used in loading the item.

Quantity. Give the quantity from each lot, within 5 percent. Leave blank when all the components of each type are from the same lot.

Block (23a). Use to continue entries from block 23.

Block (26) Remarks. Use to continue entries from blocks 23 and 23a.

Note any unusual facts about the lot. When a serial numbered component is replaced, list the new serial number and the date of the change.

Chapter 6 Watercraft and Amphibious Lighters Records and Procedures

6-1. General

a. This chapter gives instructions on how to use and distribute records and reports on U.S. Army watercraft as follows:

(1) All Army watercraft are divided into the following three classes:

(a) Class A watercraft are self-propelled and are 65 feet or over in length.

(b) Class B watercraft are self-propelled and under 65 feet in length. (Includes landing craft mechanized and amphibious lighters.)

(c) Class C watercraft are all floating equipment not self-propelled. (For example, floating machine shops and cranes, dry-liquid, and refrigerated cargo barges.) Class C watercraft are divided into the following two parts:

1. Class C-1 covers nonpropelled watercraft having berthing facilities and/or machinery on board.

2. Class C-2 covers nonpropelled watercraft having neither berthing facilities nor machinery on board.

b. General and specific instructions are given for the following forms as they apply to watercraft and amphibious lighters:

(1) All Army watercraft (except bridge erection boats, transporters, and mobile-assault bridges) are shown on all forms by the watercraft name (if one is assigned) and the Army hull and design numbers. For the bridge erection boats, transporters, and mobile-assault bridges, use model and serial number.

(2) The DD Form 314 is not used on watercraft. Maintenance scheduling and recording of NMCS/NMCM data are kept by the log book instructions.

(3) The DA Form 4640 (Harbor Boat Deck Department Log for Class A & B Vessels) is used on Class A and Class C-1 watercraft. DA Form 5273 (Harbor Boat Deck and Engine Log for Class B Vessels) is used on landing craft mechanized (LCMB), Class B watercraft, and all amphibious lighters. Class C-1 watercraft (BR and BD) can use DA Form 5273 in place of DA Form 4640. Instructions for filling out these forms are in the log book and in AR 56-9. Disposition instructions for the forms are found in AR 56-9.

(4) Log books are used on all Army watercraft, except bridge erection boats, transporters, and mobile-assault bridges. Instructions for preparing, using, and distributing the forms below are found in the proper chapters of this pamphlet, log books, AR 56-9, and AR 700-138. Log books will be used, kept, and normally stored on board all Class A, B, and C-1 watercraft. When storing watercraft, remove log books and all other records for security purposes and store at the using/storage activity. Replace the records and log books when watercraft is reissued.

(a) DA Form 2402 (chap 3).

(b) DA Form 2404 (chap 3).

(c) DA Form 2405 (chap 3).

(d) DA Form 2406 (AR 700-138).

(e) DA Form 2407/2407-1 (chap 3).

(f) DA Form 2408-9 (chap 5).

(g) SF 368 (chap 11).

(h) DA Form 3590 (Request for Disposition or Waiver) (TB 43-0140).

(5) DA Form 5587-R (Report of Drydocking, Painting, and Condition of Vessel Bottom) will be used to provide a record of cyclic maintenance and the condition of a watercraft's bottom, zinc protectors, rudders, propellers, struts, shafting and shaft bearing, sea valves, and paint system.

(a) A Report of Drydocking; is prepared after each scheduled or unscheduled drydocking of all propelled and non-propelled U.S.-Army watercraft.

(b) DA Form 5587-R is self explanatory. The required information can be obtained from the watercraft maintenance file and during drydocking or repair. The form must be prepared by the marine surveyor or Government representative during the dry-docking and be approved by his or her supervisor. Copies will be distributed as follows:

1. One copy will remain aboard the watercraft or in the unit's file.

2. One copy will be retained in the watercraft's file at the support maintenance office completing the marine condition survey or drydocking.

3. One copy will be forwarded to the National Maintenance Point (NMP) at the U.S. Army Aviation and Troop Command (ATCOM)(TROOP), ATTN: AMSAT-I-MMW, 4300 Goodfellow Boulevard, St. Louis, Missouri 63120-1798. This copy is due within 30 days of refloating the watercraft.

(c) DA Form 5587-R will be locally reproduced on 8 $\frac{1}{2}$ by 11 inch paper. A copy for reproduction purposes is located at the back of this pamphlet.

6-2. Reporting of accidents/incidents

All accidents and/or incidents of watercraft are reported per AR 55-19 and AR 385-40.

6-3. Component record

a. A data bank keeping all records of components that apply to certain end items are kept at the NMP in the Watercraft Information Reporting System (WIRS). A WIRS printout is sent each year to the using unit for review and update by the watercraft master, marine maintenance officer, or engineer. Changes to the component list are marked on the WIRS printout, signed by the reviewer, and sent back to the NMP within 30 days after it is received.

b. Look at TB 55-1900-205-24 for a list of the selected end items, their components, and instructions on how to prepare, use, and dispose of the computer printout.

6-4. Request for disposition and/or waiver

a. A request for disposition and/or waiver will be submitted to the NMP/NICP on DA Form 3590. Policies and procedures for the use of this form are contained in TB 43-0140.

b. All such requests will be forwarded through normal command channels to the NMP at the U.S. Army Aviation and Troop Command(ATCOM) (TROOP), ATTN: AMSAT-I-MMW, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798.

Chapter 7 Rail Equipment Records and Procedures

7-1. General rail equipment forms

a. This chapter tells how to prepare, use, and dispose of forms and worksheets for Army rail equipment. Army rail equipment includes diesel electric locomotives, locomotive cranes, freight, passenger and maintenance equipment, and cars under the control of the Department of the Army.

b. When filling out forms on an end item of rail equipment, use the road number when the form asks for the serial number.

c. When rail equipment uses the same forms as other equipment, refer to the paragraph on that form.

d. Army-owned rail equipment uses the following forms:

(1) DD Form 1970 (see chap 2).

(2) DA Form 2407/2407-1 (see chap 3). Defense Railway Interchange Fleet (DRIF), controlled by the Military Traffic Management Command (MTMC), uses the DA Form 2407 for reporting applied MWOs.

(3) DA Form 2408-9 (see chap 5).

(4) DA Form 2408-20 (see chap 5).

(5) DD Form 862 (Daily Inspection Worksheet for Diesel Electric Locomotives and Locomotive Cranes). Instructions for the DD Form 862 are in this chapter (see fig 7-1).

(6) DD Form 1335 (Field Inspection Data USA, USAX, USNX, DODX Rail Cars). The DD Form 1335 is covered in this chapter (see fig 7-2).

(7) Form FRA F6180-49A (Locomotive Inspection and Repair Record). This chapter gives instructions on Form FRA F6180-49A(see fig 7-3).

(8) SF Form 368 (see chap 11).

7-2. Preparation of forms

a. These forms will be completed by qualified personnel. Qualified personnel are individuals, no less than journeyman level, with a working knowledge and hands-on experience of diesel engines, electrical systems, air systems, etc., which pertain solely to locomotives, railway cranes, and rolling stock. No individuals below journeyman level will make entries.

b. Periodic services on rail equipment normally will be done by a troop rail support unit. When no troop rail support unit is available, the work is done by mobile rail repair shops or commercial contract.

c. Only supervisors will countersign entries. Department of Transportation regulation governs this.

d. Rail equipment operating in foreign countries will be maintained as directed by the rules and regulations of that country. See AR 750-1.

7-3. DD Form 862 (Daily Inspection Worksheet for Diesel Electric Locomotives and Locomotive Cranes)

a. Purpose. DD Form 862 gives you a means of keeping up with diesel electric locomotives and locomotive crane operation, services, and lubrication.

b. Use.

(1) Operator and maintenance people use DD Form 862 for daily inspections of locomotives and locomotive cranes.

(2) DD Form 862 also shows faults found and repairs made.

c. General information.

(1) The DD Form 862 will be filled out daily when a locomotive or locomotive crane is used.

(2) When the equipment is not used, no form is needed.

(3) All entries on the DD Form 862 will be printed or typed using black ballpoint pen or typewriter.

d. Disposition. Keep the DD Form 862 on file until the next 92 day inspection is done. Then destroy the form.

7-4. DD Form 1335 (Field Inspection Data USA, USAX, USNX, DODX Rail Cars)

a. Purpose. DD Form 1335 gives you a basic checklist for inspections of railway cars by using organizations in conjunction with information supported by DA Form 2407. Inspectors are exempt from using DA Form 2407.

b. Use. DD Form 1335 will be used as a checklist for maintenance inspections of railway cars. The checklist will be supported by information on the DA Form 2407.

c. Inspections should be accomplished on cars at frequencies prescribed by TM 55-203, chapter 16.

d. Disposition. DD Forms 1335 will be retained by the using organization for 2 years and then will be destroyed.

7-5. Form FRA F6180-49A (Locomotive Inspection and Repair Record)

a. Purpose. Form FRA F618049A shows the condition of locomotives and locomotive cranes. This form also shows if the equipment complies with Federal Railroad Administration (FRA) and Department of Transportation (DOT) regulations.

b. Use. Form FRA F6180-49A has two uses. It is used to show if the equipment complies with regulations. It is also used as a record of maintenance and repairs required by FRA and DOT.

c. General instructions.

(1) A 92 day Periodic Report will be made by qualified personnel.

(2) The Annual Report will be made in duplicate by qualified DS and GS or depot level personnel. The Annual Report is also made out after each depot overhaul.

(3) The qualified person making the inspection also signs the form.

(4) The Form FRA F618049A is countersigned by the officer in charge. If a non-Army organization does the work, the supervisor will countersign.

(5) Form F618049A can be obtained from the DOT FRA.

d. Disposition.

(1) The original copy of the report stays in the cab of the equipment. Protect the form with a clear cover.

(2) Keep one copy of the current updated form on file at the user level until the next periodic inspection has been completed and a copy of the latest updated form F6180-49A is filed.

(3) Send the third copy to Commander, Tooele Army Depot, ATTN:SDSTE-MAI-R (Rail Shop Division), Tooele, Utah 84074-5000.

(4) Copies are kept only until a new report is made. Then, destroy the old Form FRA F618049A.

DAILY INSPECTION WORKSHEET FOR DIESEL ELECTRIC LOCOMOTIVES AND LOCOMOTIVE CRANES				UNIT NUMBER USA 1289	OPERATING HRS 8	DATE 9 May 94		
INSTRUCTIONS								
Mechanical deficiencies encountered during operation will be recorded by equipment Operator, in the "A-Operators Report" portion of the form. The remaining items will be completed by qualified maintenance personnel. Check each item "OK" or "Defective". Maintainer initials and dates to the right of items marked "Defective" to signify necessary repairs were				accomplished. Items which are not applicable to the equipment being inspected should be marked N/A. In the remarks column enter additional work or other qualifying data, such as: Repairs required beyond the scope of organization maintenance. For details in repairs, maintenance and inspection, use the applicable manuals for each model and type of equipment.				
A - OPERATORS REPORT								
ITEM NUMBER	REPAIRS NEEDED (Reported by Road Inspector or Operator)					CORRECTED (Mechanic's Initials)		
1.	RIGHT W. WIPER DOES NOT OPERATE					JR		
2.	ADJUST CONTROL AIR PRESSURE TO 90 PSI					JR		
1. CLEAN UNIT	2. LUBE OIL PRESSURE		3. WATER TEMPERATURE		4. BATTERY AMMETER		5. LOAD METER	
	NUMBER 1	NUMBER 2	NUMBER 1	NUMBER 2	NUMBER 1	NUMBER 2	NUMBER 1	NUMBER 2
	OK	OK	OK	OK	OK	OK	OK	OK
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	6. MAIN RESERVOIR PRESSURE 130 PSI		7. EQUALIZING RESERVOIR PRESSURE 90 PSI		8. BRAKE PIPE PRESSURE 45 PSI		9. CONTROL AIR PRESSURE 80 PSI	
SIGNATURE OF ROAD INSPECTOR					SIGNATURE OF OPERATOR Joan Ridgley			
B - MAINTAINER'S REPORT								
ITEMS	CHECK ONE		CORRECTED (Mechanic's Initials)	ITEMS	CHECK ONE		CORRECTED (Mechanic's Initials)	
	OK	DEFECTIVE			OK	DEFECTIVE		
1. Lubricate complete locomotive in accordance with applicable DA lubrication order	✓			4. Brake equipment, Sanders, Shutters, etc.		✓	JR	
2. Check and replenish:				5. Cooling fan and drive	✓			
a. Water supply	✓			6. Couplers, Locks and Levers	✓			
b. Fuel		✓	JR	7. Brake Rigging and Pins	✓			
c. Battery water	✓			8. Brake shoes and brake cylinder piston travel	✓			
d. Sand	✓			9. Cab heater and Standby heater	✓			
e. Wheel flange lubricator				10. Footboards, Doors, Grab Irons & Safety devices	✓			
3. Horn, Bell, Lights and Windshield wipers		✓	JR	11. Loose electrical wires	✓			

DD FORM 862, MAY 94

PREVIOUS EDITION MAY BE USED

Figure 7-1. Sample of a completed DD Form 862

B - MAINTAINER'S REPORT (Continued)							
ITEMS	CHECK ONE		CORRECTED (Mechanic's Initials)	ITEMS	CHECK ONE		CORRECTED (Mechanic's Initials)
	OK	DEFEC- TIVE			OK	DEFEC- TIVE	
12. Loose Bolts, Nuts and Pins	✓			19. Check Engine Warm Up	✓		
13. All hoses and Belts	✓			20. Check Friction Clutches	-	-	
14. Leaks				21. Check Air Operated Clutches	-	-	
a. Fuel and Lube Systems	✓			22. Check Turntable	-	-	
b. Cooling System	✓			23. Check Boom and Hoisting Brakes	-	-	
c. Air System	✓			24. Rollers and Pins	-	-	
d. Intake and Exhaust System	✓			25. Cables and Sheaves	-	-	
15. Wheels and Journals	✓			26. Hook or Bucket	-	-	
16. Drain Moisture from Air Reservoirs & Intercoolers	✓			27. Transmission	-	-	
17. Drain Air Boxes and Check Operation of Crankcase Exhauster	✓						
18. Check for Unusual Noises	✓						
C - ADDITIONAL WORK OR OTHER QUALIFYING DATA							
REMARKS							
D - AUTHENTICATION							
SIGNATURE OF INSPECTOR <i>Bernie Wright</i>				SIGNATURE OF FOREMAN <i>James Lyles</i>			

DD FORM 862 (BACK), MAY 94

Figure 7-1. Sample of a completed DD Form 862-Continued

Legend for Figure 7-1:

Completion instructions for DD Form 862

Unit Number. Enter noun abbreviation and unit number.

Operation Hrs. Total hours of actual operation per day.

Date. Current day's calendar date.

Installation. Assigned location.

A. Operators Report

Item Number. List in numerical sequence.

Repairs Needed. Describe the fault or problem.

Corrected Block. Qualified mechanic's initials.

(1) Clean Unit. Mark yes or no.

(2) Lube Oil Pressure. Enter "OK" if engine lube oil pressure is normal as specified by manufacturer after initial warm up. If defective, enter "DEF" and explain problem in Remarks block on backside of form.

(3) Water Temperature. Enter "OK" if engine temperature is normal as specified by the manufacturer after initial warm up. If defective, enter "DEF" and explain problem in Remarks block on backside of form.

(4) Battery Ammeter. Enter "OK" if charging. If defective, enter "DEF" and explain problem in Remarks block on backside of form.

- (5) **Load Meter.** If operational, enter "OK". If defective, enter "DEF" and explain problem in Remarks block on backside of form.
 - (6) **Main Reservoir Pressure.** Enter PSI for main reservoir pressure.
 - (7) **Equalizing Reservoir Pressure.** Enter PSI for equalizing reservoir pressure.
 - (8) **Brake Pipe Pressure.** Enter PSI for brake pipe pressure.
 - (9) **Control Air Pressure.** Enter PSI for control air pressure.
- Signature of Road Inspector.** Leave blank.

- Signature of Operator.** Sign name legibly.
- B. Maintainer's Report Items.** Read all items 1 through 27. **Check One.** Make check mark in OK or defective blocks. **Corrected.** Enter initials of qualified mechanic doing the work.
- C. Additional Work or Other Qualifying Data Remarks**
- a. Note any work done that was not listed in B.
 - b. Note information for future use.
- D. Authentication**
- Signature of Inspector.** Signature of qualified rail inspector.
- Signature of Foreman.** Signature of foreman.

FIELD INSPECTION DATA USA, USAX, USMX, DODX RAIL CARS				NAME OF INSPECTOR		SHOP	
CLASS		INSPECTION LOCATION		DATE		CAR NUMBER	
TYPE 1		ST Louis Mo		1 July 88		USAX 28059	
TEST		PRESSURE		GAL		LWT	
TANK VALVE		TANK VALVE		10,000		40,000 LB	
1 July 88		1 July 88		250		75	
AIR DATE		JOURNAL PAID		TYPE		DATE BUILT	
1 July 88		1 July 88		Oil/well		1-44	
DATE LAST IMP		ACT		YES		NO	
1 July 87				<input type="checkbox"/>		<input type="checkbox"/>	
ITEM		CONDITION			REMARKS (CHECK)		
		SAT			RPR		
		RPR			RENEW		
TANK SHELL LEAKING					<input type="checkbox"/> YES <input type="checkbox"/> NO		
GLASSING <input type="checkbox"/> METAL <input type="checkbox"/> WOOD		<input checked="" type="checkbox"/>			<input type="checkbox"/> DECAYED <input type="checkbox"/> MISSING		
RUNNING BOARD <input type="checkbox"/> METAL <input type="checkbox"/> WOOD		<input checked="" type="checkbox"/>			<input type="checkbox"/> RIVETS LOOSE		
TANK BANDS					<input type="checkbox"/> LOOSE <input type="checkbox"/> BROKEN		
DECK LINING					DATE TYPE		
BULL STEPS/BRAD IRONS/HAND RAILS, LADDERS					<input type="checkbox"/> LOOSE <input type="checkbox"/> BENT <input type="checkbox"/> BROKEN		
COUPLERS, SHANK, HIDEWALL, KNUCKLES, PINS, LOCKLIFT					<input type="checkbox"/> WORN <input type="checkbox"/> CRACKED <input type="checkbox"/> ALIGNMENT <input type="checkbox"/> LOW <input type="checkbox"/> INOPERATIVE		
STRIKER CASTINGS					<input type="checkbox"/> CRACKED <input type="checkbox"/> BROKEN <input type="checkbox"/> LOOSE RIVETS		
DRAFT BEAR, YOKE, FOLLOWER, KEY, CUSHIONING DEVICE					<input type="checkbox"/> WORN <input type="checkbox"/> BROKEN <input type="checkbox"/> MISSING <input type="checkbox"/> SPUNNING		
DRAFT LUGS					<input type="checkbox"/> LOOSE RIVETS <input type="checkbox"/> MISSING		
SIDE BEARINGS					<input type="checkbox"/> ADJUST <input type="checkbox"/> MISSING <input type="checkbox"/> NO CLEARANCE		
SIDE FRAME - BOLTLET - COLUMN GUIDES					<input type="checkbox"/> BROKEN <input type="checkbox"/> PATCHED <input type="checkbox"/> PLATED <input type="checkbox"/> STRIPPED <input type="checkbox"/> WORN		
SPRING PACKAGE					<input type="checkbox"/> COIL COMPRESSED <input type="checkbox"/> MISSING <input type="checkbox"/> BROKEN <input type="checkbox"/> PLATES <input type="checkbox"/> WOOD		
MODIFICATIONS <input type="checkbox"/> YES <input type="checkbox"/> NO TAPPOCKETS					<input type="checkbox"/> SHIELDS <input type="checkbox"/> STRAPS <input type="checkbox"/> OTHER (Specify)		
HANDBRAKE SHAFT - WHEEL					<input type="checkbox"/> SHIM <input type="checkbox"/> RR & R <input type="checkbox"/> RENEW		
WHEELS					<input type="checkbox"/> FLANGE <input type="checkbox"/> CRACKED <input type="checkbox"/> FLAT SPOTS <input type="checkbox"/> THIN RIM		
AXLES - JOURNALS					<input type="checkbox"/> COLLAR <input type="checkbox"/> HEAT <input type="checkbox"/> R J STAMP <input type="checkbox"/> FILLET		
JOURNAL BOXES AND LUBRICATORS					<input type="checkbox"/> LOW OIL <input type="checkbox"/> MISSING		
CENTER PLATES					<input type="checkbox"/> BROKEN <input type="checkbox"/> LOOSE RIVETS		
ROLLER BEARINGS, ADAPTORS, LUGS					<input type="checkbox"/> HEAT <input type="checkbox"/> WATER <input type="checkbox"/> WORN <input type="checkbox"/> MISSING <input type="checkbox"/> SEALS <input type="checkbox"/> BROKEN		
DEFECT CARD HOLDER, PLACARD HOLDERS, ROUTE BOARDS					<input type="checkbox"/> TIGHTEN <input type="checkbox"/> REPLACE		
PAINT CONDITION					<input checked="" type="checkbox"/> RUSTING [PAINT]		
MECHANICAL CONDITION CODE							
SIGNATURE OF EQUIPMENT SPECIALIST				APPROVED			
<i>John Doe</i>				<i>Mike Rail</i>			

Figure 7-2. Sample of a completed DD Form 1335

Legend for Figure 7-2:

Completion instructions for DD Form 1335

Name of Inspector. Print name legibly.

Shop. Name of installation.

Class. Classification of installation. For example Type 1, 2, etc.

Inspection Location. State where located.

Date. Current day's calendar date.

Car Number. Assigned USA or DODX number.

Test. Mark dates tested for tank and valve.

Pressure. Mark tank pressure from 60 to 300 PSI, valve pressure 25 to 100 PSI.

Gal. Capacity in gallons.

Lwt. Weight of car when not loaded.

Ldmt. Weight of car loaded.

Air Date. Date of last air test.

Journal Pads. Date pads were last changed, if applicable.

Type. Name of pad.

Date Built. The year the car was built.

Date Last Insp. Date of last inspection performed.

ACI. Leave blank.

Item. Read the actual item to be inspected.

Condition. Make a check mark in the blocks marked satisfactory, repair, or renew, as they apply.

Remarks. Check appropriate block to match materials in item and condition columns.

Signature of Equipment Specialist. Signature of qualified rail equipment inspector.

Approved. Signature of approving official.



LOCOMOTIVE INSPECTION AND REPAIR RECORD

In accordance with the Locomotive Inspection Act, 36 State, 913, as amended and the regulations issued pursuant to that Act, the parts and appurtenances of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired.

Reporting year 1991		Check if new loco. <input type="checkbox"/>		If loco. renumbered give previous no.								
1. OPERATED BY FT LEWIS, WA				RR CODE		2. OWNED BY (Railroad) U. S. ARMY				RR CODE		
3. MODEL NO. 100TON SW-8		4. LOCO. NO. USA 2000		5. YR. BUILT 1951		6. PROPELLED BY D-E		7. HORSEPOWER 800		8. TYPE OF SERVICE: PASSENGER <input type="checkbox"/> ROAD <input type="checkbox"/> YARD <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		
9. STEAM GEN.		GEN. #1. N/A		Working Pressure				GEN. #2. N/A		Working Pressure		
10. MAXIMUM PISTON TRAVEL 6 inches				TYPE OF AIR BRAKE 26 NL				11. OUT OF USE CREDIT				
12. LAST PERIODIC INSPECTION DATE 23 DEC 90						PLACE FT LEWIS, WA						
PERIODIC INSPECTIONS												
13. DATE MO DAY YR		14. PLACE		15.* ITEMS		16. PERSON CONDUCTING		15.* ITEMS		16. PERSON CONDUCTING		17. CERTIFIED BY
9-24-91		FT LEWIS		1,2,3,4,5		P. HIVELY		7		F. RIECKEN		C. BATEMAN
12-24-91		FT LEWIS		1,2,3,4,5		P. HIVELY		7		F. RIECKEN		C. BATEMAN
15.* ITEM CODE: <input type="checkbox"/> BRAKES <input type="checkbox"/> RUNNING GEAR <input type="checkbox"/> CAB EQUIP. <input type="checkbox"/> MECH. EQUIP. <input type="checkbox"/> ELECT. EQUIP. <input type="checkbox"/> STEAM GEN. <input type="checkbox"/> SAFETY APPL.												
TESTS				18. H & H TEST PRESSURE DRILLED 190 PSI		19. WAIVER PART-229 N/A		20. WAIVER-OTHER N/A				
TYPE		INTERVAL NOT MORE THAN		21. PERSON CONDUCTING		22. TEST DATE AND PLACE		23. CERTIFIED BY		24. PREVIOUS TEST DATE AND PLACE		
METER		368 calendar days		W. ROBERTS		12-23-91 FT LEWIS		R. FLAKE		12-23-90 FT LEWIS		
HAMMER AND HYDRO		736 calendar days		W. ROBERTS		DRILLED		R. FLAKE		8-20-87 FT LEWIS		
AIRBRAKE 229.27		368 calendar days		W. ROBERTS		12-23-91 FT LEWIS		R. FLAKE		12-23-90 FT LEWIS		
AIRBRAKE 229.29		NUMBER OF CALENDAR DAYS 731		W. ROBERTS		12-23-91 FT LEWIS		R. FLAKE		12-22-89 FT LEWIS		

Certification of true copy.

I certify that this is a true copy of the inspection and repair record of locomotive no. USA 2000

MICHAEL P. SACCA
(Officer-in-charge)

12-23-91
DATE

ATTENTION: A false entry on this form is punishable by fine or imprisonment (U.S. Code, Title 18, Sec. 1001).

FORM FRA F6180-49 A (3-88)

GOVERNMENT PROPERTY DO NOT REMOVE

OMB Approval No. 2130-0004

Figure 7-3. Sample of a completed DD Form FRA F6180-49A

Legend for Figure 7-3:

Completion instructions for Form FRA F6180-49A, Locomotive Inspection and Repair Record

Reporting Year. Current year's date.

Check If New Loco. Make check mark if the locomotive is new.

If Loco Renumbered. Place the previous number here, if it has not been renumbered, leave blank.

(1) Operated By.

- Installation assigned.
- RR code. Leave blank.

(2) Owned By.

- U.S. Army, Air Force, Navy, Marine Corps, Defense Logistics Agency (DLA), or Reserve Components.
- RR Code, leave blank.

- (3) **Model No.** Type of locomotive or locomotive crane; for example, 100 Ton SW-8.
- (4) **Loco No.** Assigned USA, USAF, USN, USIVIC, or DLA number.
- (5) **Yr. Built.** Original year built or date of remanufacture.
- (6) **Propelled By.** Diesel Electric (D-E) or Diesel Mechanical (D-M).
- (7) **Horsepower.** Rated manufacturer's amount.
- (8) **Type of Service.** Make check mark in the block that applies.
- (9) **Steam Gen.** Not applicable. Print N/A for Gen #1 and Gen #2.
- (10) **Maximum Piston Travel.** Print 6 inches.

Type of Air Brake. Enter type of air brake system, e.g., 26NL.

(11) **Out of Use Credit.** Print the number of days the locomotive or locomotive crane was not used in excess of 30 consecutive days during an inspection cycle.

(12) Last Periodic Inspection Date

- a. Print the date the last 92-day inspection was performed.
- b. Enter the location.

(13) **Date.** Mo Day Yr. Print the date, month-day-year; for example 12-22-92.

(14) **Place.** Note the installation where the inspection took place.

(15) **Items.** Refer to the item codes again. Enter any other codes that apply.

(16) **Person Conducting.** Name of qualified person conducting the rest of the inspection.

(17) **Certified By.** Name of qualified person authorized to certify that the inspection has been completed.

Note: Items 18 through 24 are to be filled in for the annual services only.

(18) **H&H Test Pressure.** Mark 190 lbs if testis done. If reservoirs are drilled, enter word "drilled." Note: If locomotive is equipped with aluminum reservoirs, test pressure should be 250 PSI.

(19) **Waiver Part-229.** Print N/A.

(20) **Waiver-Other.** Print N/A.

(21) **Person Conducting.** Name of qualified person who completed the annual service.

(22) **Test Date and Place.** Print the month, day, year, and location where the annual service was completed.

(23) **Certified By.** The person authorized to certify the completion of work.

(24) **Previous Test Date and Place.** Print the last month, day, year, and location where the annual service was performed.

Certification of True Copy. Enter the number of the locomotive worked on. Below that, enter the signature of the official in charge and responsible for the overall certification of the work.

Note: The back of Form FRA F6180-49A does not need to be filled out unless the locomotive or rail crane assigned travels over commercial rail trackage under its own power.

Chapter 8 U.S. Army COMSEC Equipment Modification Application Reporting System (CEMARS) (RCS NSA71028)

8-1. General

This chapter tells all users of COMSEC/CCI equipment how to report modifications to the U.S. Army COMSEC Equipment Modification Application Reporting System (CEMARS). This system carries out the National Security Agency (NSA) policy in National COMSEC Instruction 2005 and Interim Operating Instructions (101) for U.S. Army Materiel Change Management, September 1990.

8-2. Modification authority

Modification will not be applied to Army-owned or supported COMSEC/CCI equipment without an MWO or other document. All modifications will be applied to equipment in the serial number

range or other identification in the MWO or document. If a modification cannot be applied in the time compliance period, you must ask for a formal waiver (see para 8-5).

8-3. Modification verification requirements

A chronological listing of all NSA modifications/repair actions issued against COMSEC/CCI equipment in the Army inventory is contained in TB 750-38. Not all NSA modifications/repair actions are authorized for Army application. Users of COMSEC/CCI equipment will review the modification/repair action tables to determine which NSA modification/repair actions are authorized for Army application.

8-4. Reporting requirements

a. Reporting the application of a modification will be accomplished by the authorized maintenance facility that applied the modification.

b. Date to be reported will be identified in the MWO instructions.

c. The report will be by message or memorandum to Commander, U.S. Army Communications-Electronics Command, Communications Security Logistics Activity, ATTN: SELCL-EP-C, Fort Huachuca, AZ 85613-7090. Message address: CDRUSACCSLA FT HUACHUCA AZ//SELCL-EP-C//.

8-5. Waiver requirements for modification to COMSEC equipment

a. When a modification's time compliance date cannot be met, send in a request for waiver for each unapplied modification. Submit the request through your command channels to Commander, U.S. Army Communications-Electronics Command, Communications Security Logistics Activity, ATTN: SELCL-EP-C, Fort Huachuca, AZ 85613-7090. As a minimum, the request must contain the following information:

(1) Short title(s) of end item(s)/assembly(s). National Stock Number of end item.

(2) Serial number(s) of end item(s)/assembly(s).

(3) Unit identification code (UIC) and COMSEC account number/DODAAC number.

(4) Type and classification of information processed, if equipment is on line or in standby status.

(5) Reason why the modification(s) will not be applied on time.

(6) The date you expect to apply the modification(s).

b. Unmodified equipment used in critical application/system will be considered for priority exchange with modified equipment.

8-6. Application of modifications

Users with equipment needing modifications will do the following to make sure modifications are applied on time:

a. To get modification kits/parts, see paragraph 8-9.

b. When maintenance facilities get modification kits/parts, schedule the equipment for modifications.

c. If you have trouble getting maintenance support, ask your next higher level of support for help.

d. If your items need depot-level modifications, send them to the next higher level of support for exchange with already modified items.

8-7. Modification of subassemblies

Stocks of subassemblies and parts (such as printed wiring assemblies) not installed in end items or subassemblies will be modified. However, they will not be reported as instructed in paragraph 8-6. Each modified subassembly will be marked according to instructions in the MWO. No unmodified subassembly or part will be put into a modified end item or assembly.

8-8. Modification recording

a. COMSEC equipment with modifications will have one of the following equipment modification labels showing the DA MWOs applied:

(1) Mods 1-15, ONO 14681-3, NSN 9905-OM30-4383.

(2) Mods 16-30, ONO14681-4, NSN 9905-00-030-4386.

(3) Mods 1–27, ONO 1468 1–1, NSN 9905–00–165–7142.

(4) Mods 28–54, ONO14681–2, NSN 9905–00–165–7143.
 b. To show the applied modification, scratch out the DA MWO number on the label (see fig 8–1).

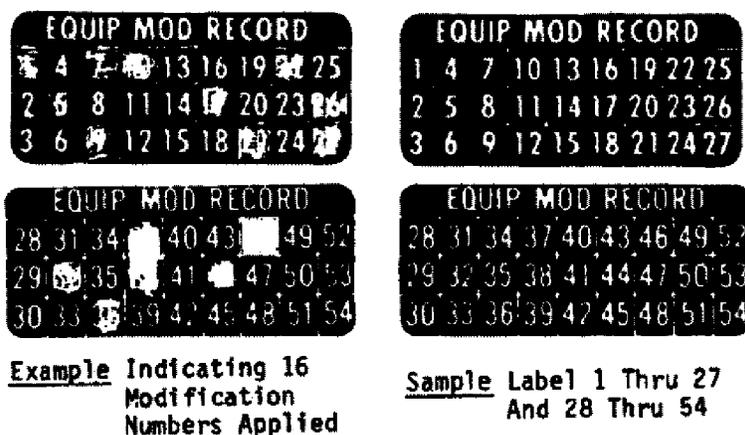


Figure 8-1. Sample of NSA Label (NSA Modification Record Label)

8–9. Requisitioning modification kits/parts

USACCSLA will supply modification kits to maintenance facilities at no cost on a one-kit-per-item basis to include modified spare boards, if applicable. COMSEC maintenance facilities will tell USACCSLA the number of end items and spares they expect to have to modify. USACCSLA will then process materiel release orders (MRO) and ship the number of modification kits the maintenance facilities will need. Human safety or urgent security modifications may be implemented by message if there is not enough time to publish a MWO. See paragraph 8–6d for applying depot-level COMSEC/CCI modifications.

8–10. Classification of reports

a. The classification of the report will be as directed by the respective MWO.
 b. COMSEC maintenance facilities will check to make sure the information carries the right classification.

8–11. DA MWO announcements

DA MWO to COMSEC equipment are sent out as amendments to NSA maintenance manuals. Advance copies of MWOs may be sent out by USACCSLA with a memorandum that authorizes application and has instructions for applying the modification. All COMSEC MWO information will be sent through COMSEC channels. NSA modifications will not be applied to Army held COMSEC/CCI equipment unless USACCSLA authorizes them.

Chapter 9 Ammunition Records and Procedures

9–1. General

a. This chapter tells how to prepare, use, maintain, and distribute records and reports on the following Army materiel:

- (1) Toxic chemical ammunition materiel.
- (2) Conventional ammunition.
- (3) Class V items used on guided missiles of large rockets.
- (4) Ammunitions peculiar equipment (APE).

b. General and special instructions are given for the following forms for the above ammunition items:

- (1) DA Form 2407 and 2407–1 (chap 3).
- (2) DA Form 2409 (chap 5).
- (3) DA Form 2415 (Ammunition Condition Report).
- (4) DA Form 2402 (chap 3).

(5) DA Form 2408–9 (chap 5).

9–2. Special Instructions

a. These instructions do not apply to ammunition malfunctions. Malfunctions are reported by AR 75–1.
 b. Accidents and incidents with chemical warfare (CW) ammunition are reported by AR 50–6 and command directives.

9–3. General instructions

a. *Responsibility for submission.*

(1) Commanding officers of organizations using, handling, or storing ammunition, guided missiles, and large rockets prepares and submits timely ammunition reports.

(2) For guided missiles and large rockets, the unit submits a DA Form 2407 for bad components. DA Form 2415 is made and submitted as needed.

b. *Classification.* Reports are classified by the latest security regulations. (See AR 380–5 and AR 380–86.)

c. *Acknowledgement of receipt and replies.*

(1) Except as noted below, a final reply will be given. Replies show corrective action taken, to be taken, or that no action is necessary. Replies also give disposition of defective items and recommendations.

(2) Replies are not given to reports on unserviceable new materiel for which blanket shipping orders have been issued to return it to the vendor.

d. *Forms.* Air Force, Navy, and Defense Nuclear Agency organizations, who use Army designed or made materiel and related instructions, may send in reports on their own service form.

e. *Exhibits.*

(1) Exhibits are samples of an item, chosen to support materiel reports. Use of photographs, drawings, and supporting data in place of actual materiel exhibits is encouraged.

(2) Tag exhibits held for disposition instructions. DA Form 2402 is used (except for ammunition lots to which SB 742–1 applies) for tagging. For SB 742–1 ammunition lots, use DD Form 1575 (Suspended Tag Materiel), DD Form 1576 (Test/Modification Label Materiel), or DD Form 1577 (Unserviceable (Condemned) Tag Materiel) as needed. Mark these forms to show which report item and lot they go with. Keep them in order so they won't get lost or mixed up. If you get instructions to return the bad item(s) for checkout, mark the shipping paper and materiel like this: "Exhibit for Ammunition Condition Report No. ???." If you don't get instructions within 90 days, dispose of the exhibit(s) as you usually do. If you

cannot keep the exhibit, the activity to which the exhibit is sent must keep the exhibit.

(3) Package exhibits carefully for shipping to prevent any more damage.

(4) Take equipment apart to get exhibits only when that action is within your normal maintenance level.

9-4. DA Form 2415 (Ammunition Condition Report)(RCS CSGLD-1202)

a. Purpose. DA Form 2415 gives management information on unserviceable, and permanently suspended ammunition items.

b. Use. The DA Form 2415 is used to report ammunition other than special weapon ammunition. A DA Form 2415 may be initiated as a result of but not limited to the following actions:

(1) Ammunition inspection: Periodic inspection, receipt inspection, safety-in-storage inspection, and special inspection.

(2) Permanent suspense assignment by owning Service.

(3) As specifically requested by higher headquarters. The DA Form 2415 submittal is also contingent on satisfying conditions as established by Ammunition Condition Report (ACR) Requirement Flow Chart (fig 9-2). See figure 9-2 for more details to determine if ACR submittal is required.

c. Preparation.

(1) DA Form 2415 is prepared as follows:

(a) An original and six copies will be prepared for submittal to AMCCOM.

(b) For missile items, one copy is prepared for submittal to MICOM.

(2) Individual DA Forms 2415 are made for each owner of assets being reported. Individual DA Forms are made for each line item reported. More than one lot of items with the same DODAAC may be reported on the same ACR so long as associated NSN and ammunition lot number integrity are maintained.

(3) If a continuation sheet is needed to finish a report, a blank sheet of bond paper (8 1/2 by 11 inches) may be used. Each continuation sheet must be marked with the organization's name, ACR number, and date of report. This information will be placed at the top of each page. Pages will be numbered: Page ?? of ?? Pages.

(4) Instructions for filling out DA Form 2415 are in figure 9-1.

An example of a correctly filled out DA Form 2415 is also contained in figure 9-1.

d. Disposition. The DA Form 2415 is made in an original and six copies for submittal to AMCCOM. One copy of DA Form 2415 is prepared for MICOM. Send the forms through command channels to the appropriate addresses within 90 days of their receipt of ACRs.

9-5. Ammunition peculiar equipment (APE)

Depots will submit usage on APE Utilization Reports.

a. Purpose. This report gives the item manager for APE the means of getting equipment utilization data on equipment on hand, its operational status, and verification of equipment need and distribution.

b. Use.

(1) The preparation and use of this report is required for all APE. The use of this report may also be required for other items when directed by HQDA or other appropriate command authority.

(2) The procedures for use of this report are applicable to all Army units, organizations, and activities, including Army depots, even though property accounts for depot stock are maintained at the major subordinate command (MSC) level.

c. Preparation. This report will be submitted in message form using the format shown in figure 9-3 and (1) through (3) below:

(1) DD Form 173 (Joint Message Form) will be utilized for this report.

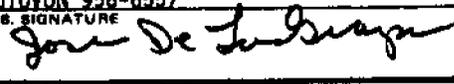
(2) This report will be submitted semiannually on 1 February and 1 August.

(3) Instructions for submitting the APE Utilization Report are in fig 9-3.

d. Disposition. The APE Utilization Report will be distributed as follows:

(1) Send one copy directly to the Commander, U.S. Army Armament, Munitions, and Chemical Command, AT-TN:AMSMC-DSM-M, Rock Island, IL 61299. This report may be transmitted electronically or mailed provided it arrives within 10 days after the closing date of the report.

(2) One copy of this report will be maintained by the local command until it is no longer needed; but, at a minimum until it is superseded by the next semiannual report.

AMMUNITION CONDITION REPORT				REQUIREMENT CONTROL SYMBOL	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				CSGLD-1020	
1. THRU: (Include ZIP Code)			2. DATE OF REPORT	3. PAGE _____ OF _____ PAGES	
4. TO: (Include ZIP Code) Cdr, U.S. Army Armament Munitions & Chemical Command ATTN: AMSMC-DSM-MA Rock Island, IL 61299-6000			5. UNIT IDENTIFICATION CODE W390AA-15-87		
6. FROM: (Include ZIP Code) Cdr, McAlester Army Ammunition Plant ATTN: SMCMC-QAS McAlester, OK 74501-5000			7. COMMODITY <input type="checkbox"/> CHEM <input type="checkbox"/> GM <input checked="" type="checkbox"/> CONV		
8. NOMEN - MODEL ITEM REPORTED	9. PART/NSN NO.	10. SN/LOT NO.	11. DATE OF MFG	12. QTY IN LOT	
Projectile, 155mm, HE, M483A1	1320-00-126-7339-D563	MA-85A003-042	Jan 85	2,251	
9. NOMEN - MODEL EQUIP INSTALLED/USED ON	10. PART/NSN NO.	11. SN/LOT NO.	12. DATE OF MFG	13. QTY IN LOT	
14. QTY INSPECTED	15. QUANTITY DEFECTIVE	16. PRESENT COND CODE		17. ECON REPAIRABLE	
20	20	F		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
14. USE <input checked="" type="checkbox"/> WR <input type="checkbox"/> TNG		15. ESTIMATED REPAIR/MAINT/DISPOSAL UNIT COST			
		DIRECT LABOR \$		GAE \$ OTHER \$	
18. DETAILS (Description, cause, action, disposition)					
a. Description:					
(1) Reason for ACR Initiation: Defects noted during performance of periodic inspection.					
(2) Defects encountered: (SASIP 742-1320-94-250)					
(a) outer pack: 10 percent pallet bases damaged (minor)					
(b) inner pack: N/A					
(c) Item: 100 percent with diamond marking mission (major). 30 percent with corrosion on fuze well threads (major). 5 percent with loose ogive/body joint (major).					
(3) Owner account: Army/B14					
b. Cause: Corrosion defectives are deteriorative in nature. Other defectives are manufactured defects.					
c. Action: Lot retained in condition Code F. ACR W390AA-02-85 previously reported unserviceable lot identified above in condition code F.					
d. Disposition:					
(1) Recommend renovation to condition code A.					
(2) MCAAP has the capability to perform recommended renovation.					
e. Originator: J. Henry Blossom, QASAS, AUTOYON 956-6557					
17. TYPED/PRINTED NAME, GRADE AND TITLE			18. SIGNATURE		
JOSE DeLaGUAPA GS 1910-12, C, Ammo Surv Div					

DA FORM 2415
1 DEC 77

EDITION OF 1 JAN 64 IS OBSOLETE.

Figure 9-1. Sample of a completed DA Form 2415

Legend for Figure 9-1:

Completion instructions for DA Form 2415

(1) Thru. Put in the complete address as needed.

Date of Report. Put in date the report is finished. This date should be the same as the actual date it is sent.

Page of Page. Put in the Page Number: Page of Pages.

(4) To. Enter:

Commander

U.S. Army Armament, Munitions, and Chemical Command
(AMCCOM)

ATTN: AMSMC-DSM-M

Rock Island, IL 61299-6000

For missile items, enter:

Commander

U.S. Army Missile Command

ATTN: AMSMI-MMC-LE

Redstone Arsenal, AL 35898-5238

(5) Unit Identification Code. Put in your UIC. List the ACR number after the UIC. For example, W1U7AA-6-87 shows the sixth ACR made in CY 1987 by unit W1U7AA.

(6) From. Put in your organizational name and address. (Overseas units are APO addresses.)

(7) Commodity. Put an "X" in the block which describes the commodity.

(8) Nomen-Model Item Reported. Put in the name of the item reported. If the item is a component, enter the end item in block 9.

(8a) Part/NSN No. Put the complete NSN and Department of Defense Identification Code (DODIC) in the block. Use a part number if no NSN is assigned.

(8b) SN/Lot No. Put in the lot/serial number of the item. If you don't know the lot number, use the vendor's name or symbol.

(8c) Date of MFG. Put in the date the item was made.

(8d) Qty In Lot. Put in the number of items in the lot/number of serial number you are reporting on.

(9) Nomen-Model Equip INSTALL/ON. List the name and model number of the end USED item if the item in block 8 is a component. If an end item is reported in block 8, no entry is needed in blocks 9 through 9d.

(9a) Part/NSN No. Put in the complete end item NSN.

(9b) SN/Lot No. Put in the end item lot/serial number.

(9c) Date of MFG. Put in the date the end item was made.

(9d) Qty in Lot. Put in the number of end items in the lot/number of serial number you are reporting on.

(10) Qty Inspected. Put in the total number of items looked at, processed, or tested that made the item reportable in block 8.

(11) Quantity Defective. Put in the number of bad items found by the inspection.

(12) Present Cond Code. Put in the latest federal condition code of the item. See AR 725-50.

(13) Econ Repairable. Put an "X" in the proper block.

(14) Use. Put an "X" in the proper block.

(15) Estimated Repair/Maint/Disposal Unit Cost. Leave blank unless needed locally.

Details

a. *Description:* Should include the following entries.

1. Reason for ACR initiation: For example, defects noted during performance or periodic inspection.

2. Defects encountered: That is, all defects (incidental, minor, major and critical) and frequency of defect occurrence (for example, 10 percent, 20 percent, etc.) should be noted and listed as appropriate. If needed, use photographs to help describe the item. Give part numbers, drawing numbers, and references (for example, TMs and TBs).

3. Owner/Account: List appropriate owner and account of item being reported (for example, Army/B14; Navy/NCB; Army/B64; etc.).

b. *Cause:* If appropriate, should include a brief explanation regarding the reason assets are unserviceable (for example, defectives are deteriorative in nature; improper handling procedures; latent manufactured defect; and so forth).

c. *Action:* Should include a brief description of interim action taken locally, pending receipt of final disposition to ACR (for example, lot transferred from condition code A to condition code F; report of survey initiated). Also, if applicable, the latest ACR submitted to report same items should be referenced by Unit Identification Code Control Number (for example, ACR W390AA-02-84, previously reported unserviceable lot identified above in condition code F).

d. *Disposition:* Should include your recommendation for final disposition. It should also be noted whether or not recommended action can be accomplished by the reporting installation. Note: When more space is needed, additional sheets may be used. All approving officials must show approvals or comments in this disposition position. The organization making the request and all thru addressees must use block 16 for title and signature of the approving office.

e. *Originator.* The originator's name, job title, and DSN number should be listed as the final entry.

(17) Typed/Printed Name. Grade and Title. Put the name, grade, or title.

(18) Signature. Signature of the person approving release of the report.

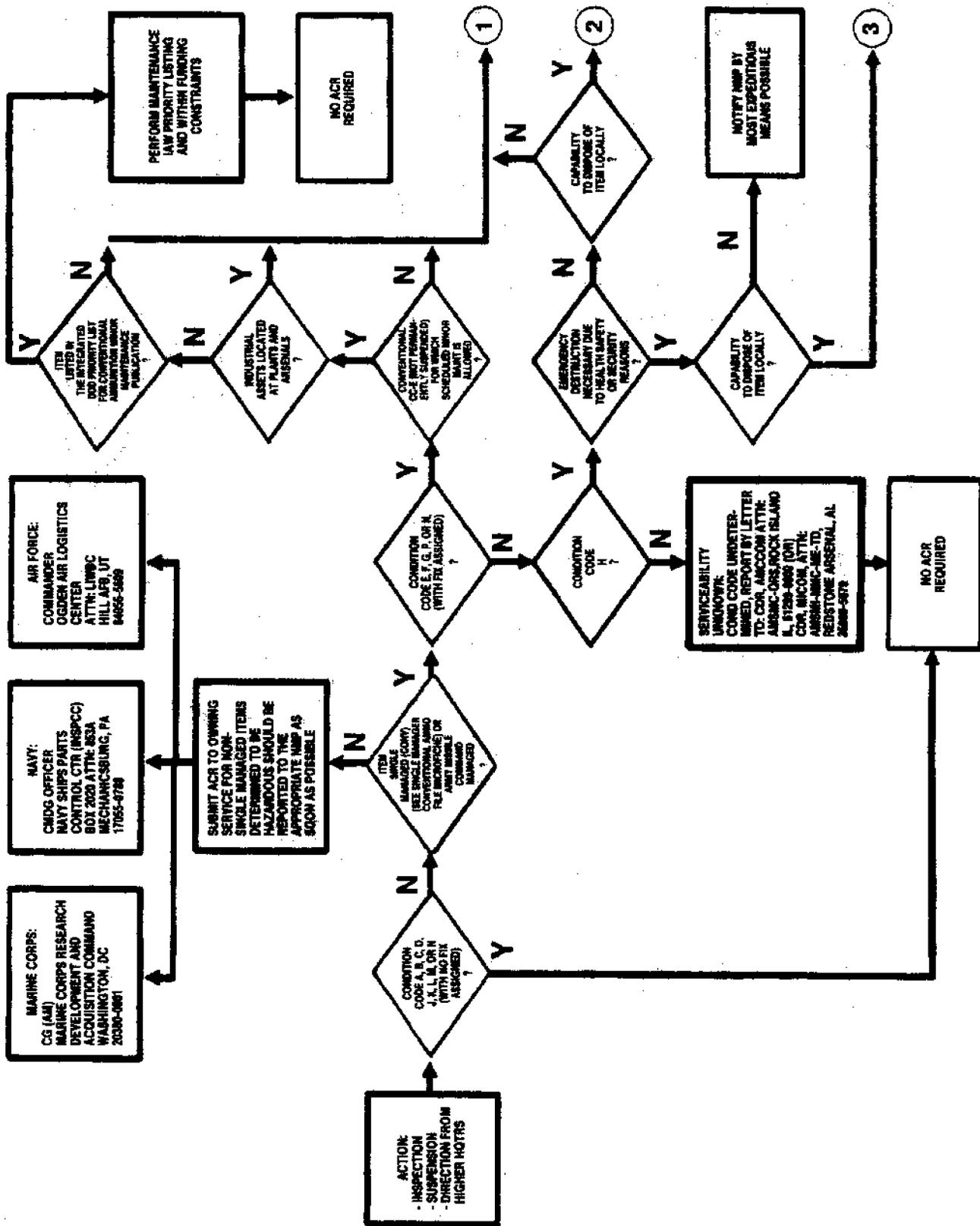


Figure 9-2. ACR Submission Requirement Flow Chart

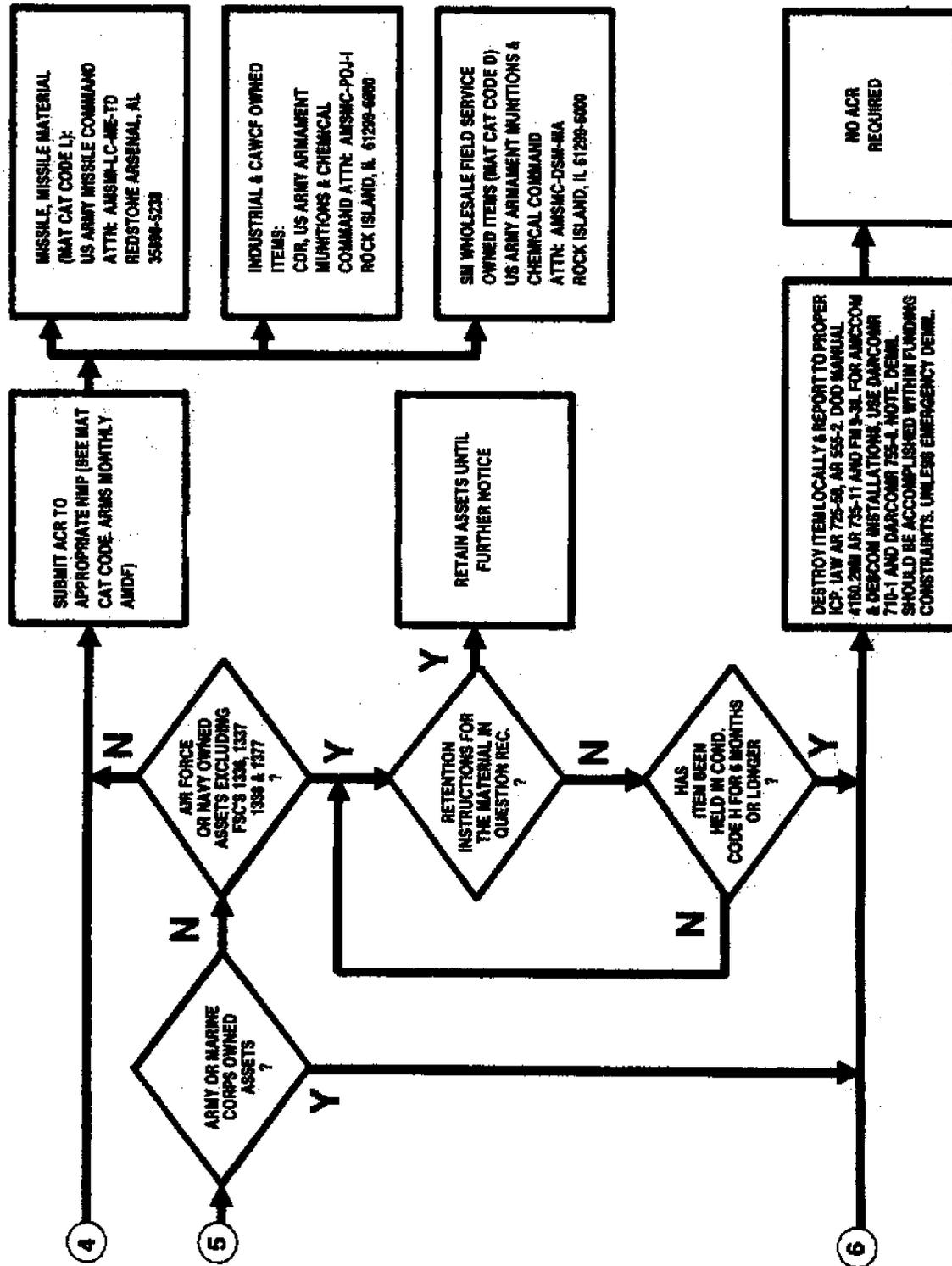


Figure 9-2. ACR Submission Requirement Flow Chart-Continued

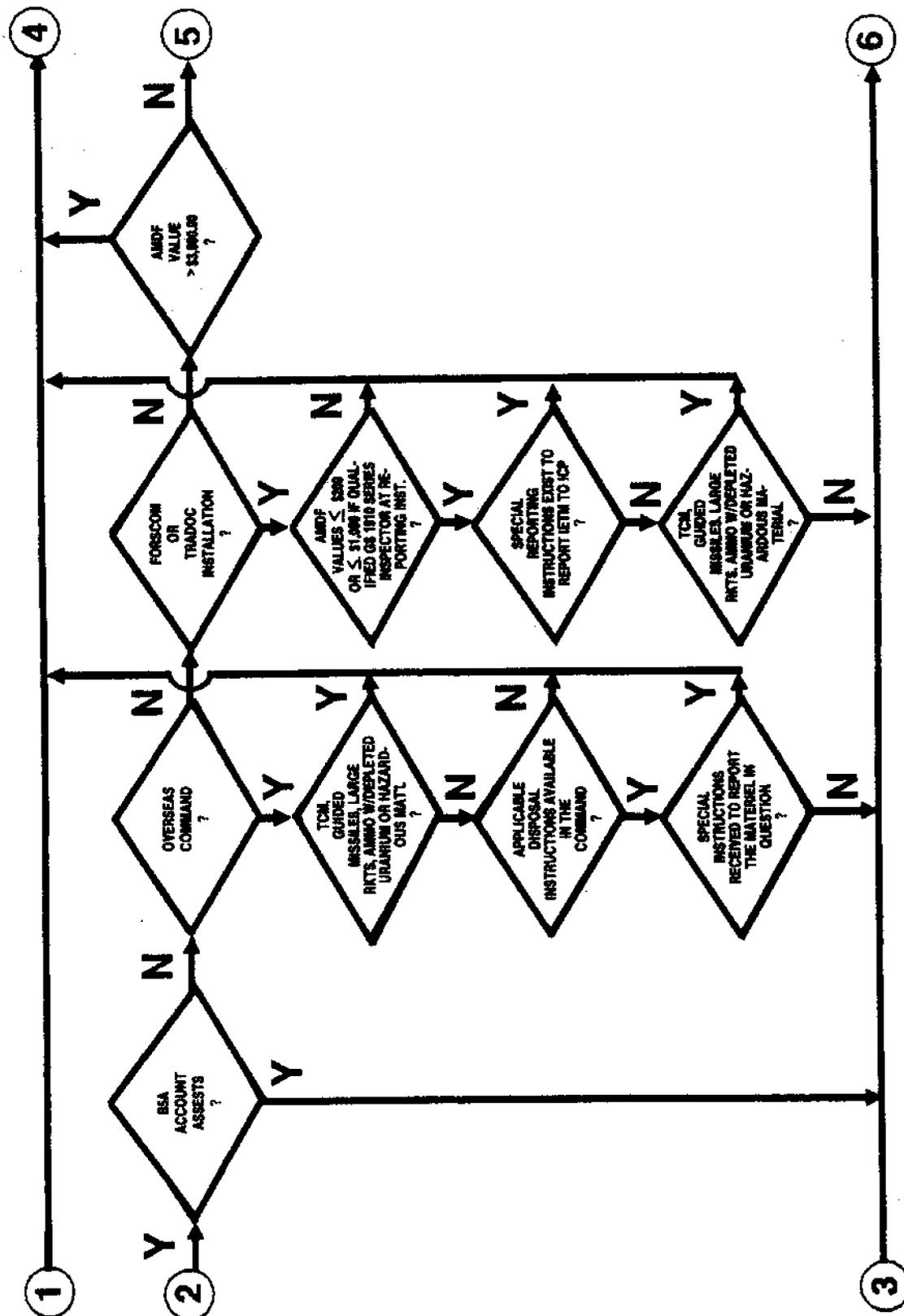


Figure 9-2. ACR Submission Requirement Flow Chart—Continued

Legend for Figure 9-2:

1. ACRs are not used to report:

a. Packaging materiel (Federal Supply Class(FSC) 8140). See AR 700-22 and Ammunition Maintenance Component and Packaging Report, FICS CSGLD 1322 (RI).

b. Ammunition malfunctions. See AR 75-1.

c. Single managed ammunition items being held because of expired shelf life. Report to Cdr, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-QAS, Rock Island, IL 61299-6000.

d. Single managed ammunition items whose storage temperature

- limits have been exceeded or subjected to below standard conditions. Report to Cdr, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-CIAS, Rock Island, IL 61299-6000.
- e. Single managed FSC-1377 cartridges, cartridge actuated devices (CADs), and propellant actuated devices(PADS). Report to Cdr, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-OAS, Rock Island, IL 61299-6000.
- f. Critical defectives. Lots containing critical defectives will be locally suspended, assigned CC-J, and reported to the appropriate MSC by the most expeditious means.
- g. Temporarily suspended items. Report to the appropriate MSC by the most expeditious means.
- h. Equipment improvement recommendations(EIRs). SF 368 is used to report EIRs.
- i. Incorrect manuals, drawings, specifications, or detailed records of

- ammunition to components or explosives. DA Form 2028 should be used for this purpose.
- j. Serviceable, obsolete items no longer needed. Report to appropriate NICP by memorandum.
- k. Items being tested.
- l. Operational Redeye guided missiles without BCUs.
- m. SF 368 is used to report QDRs.
- n. Marine Corps ammunition placed in condition code "H" by specific notice of Ammunition Reclassification (NAR). Such ammunition may be disposed of regardless of dollar value; however, on-hand quantities must be reported in accordance with TWO24-AA-ORD-010
- 2. All reports and ACRs should be sent through proper command channels.
- 3. Non-single managed ammunition items with expired shelf life, exceeded storage limits, or CADs and PADS should be reported as required to the appropriate NICP.

JOINT MESSAGEFORM							SECURITY CLASSIFICATION																											
							UNCLASSIFIED																											
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LWT	L/C	ORIG MSG IDENT																								
	DATE TIME	MONTH	CR	ACT	INFO																													
01 of 01	081730Z	AUG	86	RR		UUUU				2201700																								
NO SPACE HANDLING INSTRUCTIONS																																		
<p>FROM: CDR SIAD HERLONG CA//SDSSI-DSS//</p> <p>TO: CDR AMCCON ROCK ISL IL//AMSMC-DSM-ME//</p> <p>UNCLAS</p> <p>SUBJ: AMMUNITION PERCULIAR EQUIPMENT (APE) UTILIZATION REPORT</p> <p>1. MR MEL ARNOLD/890-9505/WJGAA</p> <p>2. 3051/C</p> <p>3. 0003/S</p> <table border="1"> <thead> <tr> <th>4. AMN</th> <th>NOMENCLATURE</th> <th>SERIAL NO</th> <th>HOURS</th> <th>ROUNDS</th> <th>STATUS</th> </tr> </thead> <tbody> <tr> <td>A. 10010000M1</td> <td>MACH. VERTICAL PULL APART</td> <td>0015</td> <td></td> <td>7.321</td> <td>S0</td> </tr> <tr> <td>B. 10860000</td> <td>TANK. PORTABLE HOT DIP</td> <td>0123</td> <td>144</td> <td></td> <td>R0</td> </tr> <tr> <td>C. 21560000</td> <td>MACH. HAND GRENADE DEFUZING</td> <td>8001</td> <td></td> <td>1.500</td> <td>TI</td> </tr> </tbody> </table> <p>5. REMARKS: NO MAJOR DOWNTIME DUE TO EQUIPMENT FAILURE THIS REPORTING PERIOD.</p>											4. AMN	NOMENCLATURE	SERIAL NO	HOURS	ROUNDS	STATUS	A. 10010000M1	MACH. VERTICAL PULL APART	0015		7.321	S0	B. 10860000	TANK. PORTABLE HOT DIP	0123	144		R0	C. 21560000	MACH. HAND GRENADE DEFUZING	8001		1.500	TI
4. AMN	NOMENCLATURE	SERIAL NO	HOURS	ROUNDS	STATUS																													
A. 10010000M1	MACH. VERTICAL PULL APART	0015		7.321	S0																													
B. 10860000	TANK. PORTABLE HOT DIP	0123	144		R0																													
C. 21560000	MACH. HAND GRENADE DEFUZING	8001		1.500	TI																													
DISTR																																		
ORIGINATOR TYPED NAME TITLE OFFICE SYMBOL AND PHONE M. ARNOLD/SDSSI-DSS-PPC/827-4505/							SPECIAL INSTRUCTIONS																											
TYPED NAME TITLE OFFICE SYMBOL AND PHONE G. L. HILL/MAJ/TC/DSS							SIGNATURE																											
SECURITY CLASSIFICATION UNCLAS							DATE TIME GROUP																											

6
5
4
3
2
1
0

Figure 9-3. Sample of a completed DD Form 173/1 (APE Message)

Legend for Figure 9-3:

Completion instructions for DD Form 173/1

Fill in heading information on form as required.

FROM: Enter organization and location reporting.

TO: CDR AMCCOM ROCK ISL IL//AMSMC-DSM-ME// (This semi-annual report may be transmitted electronically or mailed provided it arrives within 10 days after the closing date of the report.)

1. Name/Duty phone (DSN if available)/DODAAC. Enter the name of the individual to be contacted or additional information. Also enter the Department of Defense Activity Address Code (DODAAC).

2. Enter Julian Date of the end of reporting period (the Date as of date). Enter type of Usage Report Code C for periodic usage report or D for special report.(See table B-1 5, app B.)

3. Enter the total number of pieces of APE on hand. Enter utilization code. (See table B-7, app B.)

4. This is a format heading line. Under these headings, enter for each piece of equipment:

APE Management Number (AMN). See TM 43-000-47. Number found on DA Form 2062 (Hand Receipt/Annex Number).

Nomenclature. Common name of the piece of equipment as found on DA Form 2062.

Serial Number. Found on the piece of equipment and recorded on DA Form 2062.

Hours(Straps). Enter Unit of Measure for Usage Reporting (UMUR) of (H) for hours of use during this reporting period. If hours exceed the usage for one shift in a six month period, justify the excessive use in the remarks area.

Rounds. Enter the quantity of rounds, straps, container, tests, clips, etc., processed during this reporting period,

Status Code. Enter status code as a two position ALPHA character.

First Position:

R (Received since last reporting period.)

T (Transferred (shipped))

S (Reported on last report and is still on hand this activity.)

Second Position:

O (Operable)

I (inoperable)

A separate line will be used for each piece of equipment on hand. The first line will be identified on line A, second on line B, etc. Continue the listing with ALPHA characters such as X, Y, Z, AA, AB, AC, etc. Do not list APE items with an UMUR of "N". If equipment has a UMUR of "N" it means usage is not required to be reported. N/A is not authorized for the usage report. When there is no usage, report a zero "0" under the appropriate column; hours or rounds.

5. Remarks. Report any other significant data as deemed appropriate.

Chapter 10 Supply and Maintenance Assessment and Review Team (SMART)

10-1. General

a. This chapter announces the Supply and Maintenance Assessment and Review Team (SMART) and provides general guidance on the objectives and procedures of the program.

b. HQDA DCSLOG established Project SMART to examine, streamline, and improve unit level logistics support, particularly within division, and at direct support levels and below.

c. The U. S. Army Combined Arms Support Command (CAS-COM), as the TRADOC executive agent for Project SMART, examines SMART initiatives received for the purpose of identifying, eliminating, or modifying unnecessary and complicating directives that create burdens on organizational (Motor Pool/Supply Room) related logistics. Those ideas that promise high and quick returns are recommended to the DCSLOG for implementation or testing.

d. The success of Project SMART is dependent upon—

(1) Input from the field.

(2) Command emphasis.

(a) Commanders should not attempt to filter out ideas that might not seem worthy for submission. Some of the best ideas have been simple, direct suggestions.

(b) Commanders should not demean the program through campaigns which focus on quantity. Quality ideas are most often unsolicited and spring from a desire to relieve a burden or correct an error rather than to meet a quota.

e. Project SMART is open to all members of the U.S. Army, National Guard, U.S. Army Reserve, and Department of the Army Civilians (DAC).

10-2. Procedures

a. DA Form 5533 (Smart Suggestion Form) is the official Form for submitting SMART initiatives. However, use of DA Form 5533 is not a requirement. Initiatives can be submitted on plain paper. Submissions should be specific in nature, and outline the who, what, where, why, how, and benefits to be gained if the initiative is adopted. It is also important that the individual submitting a suggestion include name, address, and telephone number. In many instances, it is necessary to call or write the individual in order to discuss or clarify the idea. When SMART ideas are approved, the individual who submitted the idea will receive proper credit/recognition.

b. Initiatives should be forwarded to CASCOM, AT-TN:ATCL-CFI-S, Fort Lee, VA 23801-6000.

c. All SMART initiatives will be acknowledged.

d. Selected ideas adopted through SMART will be announced to the field by sequentially numbered SMART messages. Table 10-1 contains a recap of SMART messages as of publication of this UPDATE.

Table 10-1
Table 10-1 Smart Messages

Number	Summary	Date
1	Project SMART Overview	R141616Z Apr 82
2	DA Form 2408-1 (Equipment Daily Log) was deleted from DA Pam 738-750.	P1 61407Z Apr 82
3	DA Form 2408-10 (Equipment Component Register). The message rescinds requirements to maintain this form for tactical vehicles, commercial vehicles, and administrative use vehicles.	P261307Z Apr 82
4	DA Form 2408-14. This message rescinded the requirement to maintain this form for commercial and administrative use vehicles.	R171935Z May 82
5	This message established procedures for consolidated cash collection at the Central Issue Facility to account for negligent losses of Organizational Clothing and Individual Equipment (OCIE).	R011814Z May 82
6	Provides information on use of a taped phone message by Central Issue Facilities to inform customer of items temporarily out of stock.	R151915Z Jun 82

Table 10-1
Table 10-1 Smart Messages—Continued

Number	Summary	Date
7	DA Form 2408-18 (Equipment Inspection List). This change deleted requirements for maintenance of this form for all equipment; less aircraft.	R022044Z Jul 82
8	Informs field of a large work-flow poster, hung in the maintenance area to assist in management of shop operations by highlighting the sequence of events required to be accomplished in correcting faults.	R022045Z Jul 82
9	Provides information concerning a maintenance, inspection technique which stresses precise identification of deficiencies found during roadside spot inspections against the applicable document which establishes the standard.	R231640Z Jul 82
10	Requires AMC Materiel Readiness Commands to sequentially number maintenance advisories so that units can determine if they have received all messages.	R271344Z Jul 82
11	Announced the establishment of a "Hotline" at Logistics Evaluation Agency for field inquiries on supply and maintenance policy guidance contained in the following: AR 710-2, AR 735-5, AR 735-11, AR 735-72, AR 735-11-1, AR 735-11-3, AR 750-1, and AR 735-17.	R091907Z Aug 82
12	Deleted requirement to stencil date antifreeze was installed on equipment and announced a change to TB 750-651 concerning recording of antifreeze data.	R122005Z Aug 82
13	Announced an impending change to AR 700-12 which deleted the requirement for a unit to have on hand or on requisition those items projected to be deleted from authorization.	R231243Z Aug 82
14	Informed the field of a PLL clerk certification program used by the 1st Infantry Division.	R101245Z Sep 82
15	Informed the field concerning establishment of an Army Oil Analysis Program (AOAP) milk-run service to and from the customer's motor pool location and the oil analysis lab.	R041651Z Oct 82
16	Informed the field concerning establishment of 'Free Turn-in Point' or 'No Questions Asked Day' on a periodic basis.	R051939Z Oct 82
17	Provided information concerning utilization of MILSTRIP Advice Code 2A which notifies the wholesaler of an existing supply problem.	R191206Z Oct 82
18	Announced an impending change to TM 38-750 which incorporated the deletion forms announced in SMART messages.	R251416Z Oct 82
19	Informed the field of Hand Receipt Holder Log Books which could assist in properly maintaining property records.	R041326Z Nov 82
20	Announced an impending change to Catalog Data Agency (CDA) Pamphlet 18-1, Code Reference Guide for the Army Master Data File Retrieval Microform System (ARMS) Monthly Army Master Data File (AMDF), which will include for the first time an index of DA microfiche products and describe their content.	R121933Z Nov 82
21	Provided information on use of Army Medical Department Property Accounting System (AMEDPAS) as an interim system for automating property books in TDA organizations and activities.	R122123Z Nov 82
22	Informed the field of the 24th Division developed method for producing and using automatically produced printed status listings instead of status cards. This method of tracking requisitions has proven more effective. USALOGC is preparing a DS4 engineering change proposal which would eventually provide this option for selecting output media to all DS4 users.	R021436Z Dec 82
23	Informed field of a modular training program which has been developed by the Fort Stewart Education Center for the 24th Division. This highly flexible program allows a unit commander to select exactly the training needed by soldiers in his unit. This program continues to expand at Fort Stewart, and has already drawn interest.	R301557Z Dec 82
24	MACOMs may deviate from AR 710-2, Paragraph 2-1e and designate subordinate TDA activities to keep Basic Loads.	R242051Z Mar 83
25	Announced that cash awards may be received for adopted SMART ideas. Outlined the procedures that ODCSLOG and ODCSPER have worked out for recognizing individuals who submit ideas which are adopted under the SMART program. Since 20 January 1983, this arrangement has provided a vehicle for giving cash awards for approved SMART ideas.	R292063Z May 83
26	Recommended that the division/separate brigade commanders implement a policy concerning the use of DD Form 1348-1 (DOD Single Line Item Release/Receipt Document) as the materiel release order (MRO) as an alternative to the keypunch cards now in use.	R051645Z Apr 83
27	Provides information on commercial parts interchangeability catalogs. Supervisors and shop foremen of commercial vehicle maintenance activities have experienced broader utilization of repair parts through multiple end item applications when commercial parts interchangeability catalogs are used.	R111922Z Apr 83
28	Announced that units need not replace inside rear view mirrors in M880/M890 series vehicles when two outside mirrors are present.	R251538Z Apr 83

Table 10-1
Table 10-1 Smart Messages—Continued

Number	Summary	Date
29	Provides information on the impending change to the TK1 01 Organizational level and the MK1 976 direct support level tool kits with the addition of the AS-1 730/VRC antenna combination tool. This tool will reduce damage to receiver/transmitters, minimize equipment and system down time, reduce high dollar repair costs, and improve communications.	R191345Z May 83
30	Announces the new TAMMS Aviation Manual, TM 38-L21-12, which replaces Chapter 10 of the TIVI 38-750. This new manual, with a publication date of December 1983, will delete requirements to use DA Form 2408-9 for aircraft. DA Form 1352 (Army Aircraft Inventory Status and Flying Time) will provide the essential data previously duplicated on DA Form 2408-9.	R151846Z Jun 83
31	Announces the new TAMMS manual, TM 38-L21-11, which replaces TM 38-750. This new manual, with a publication date of December 1983, will delete the requirement to use DA Form 2408-9 for ammunition peculiar equipment (APE). Usage of APE will be reported once a year by message instead of using one form for each piece of equipment.	R281907Z Jun 83
32	Announces that equipment does not have to be warmed-up prior to taking an oil sample for the AOAP if the ambient temperature is above 35dF and the equipment has been operated within the last seven days.	R112025Z Aug 83
33	Informs addresses that there is no requirement to repair or external telephone on the M60/M48 series tank. Currently installed telephones may be retained in service until they become unserviceable.	R121435Z Oct 83
34	Provides authority to discontinue the requirement for marking the 'put-in service date' on Military Standard Batteries. A change to TM 9-6140-200-14 eliminating marking requirements is scheduled to be published in the second quarter of fiscal year 1984.	R181944Z Oct 83
35	Provides information on the availability and suitability of the 'VEELOS' (Belting, Variable Adjustable Link) Belting for temporary emergency repairs. This belt enables the operator/crew to perform a quick fix, temporary repair by replacing one or all of the systems belts thereby enhancing their ability to complete the mission.	R241537Z Jan 84
36	Provided information on a Modification Work Order for ancillary exterior handles for all RCVR-XMTRS, RT-524/246. This handle replaces the standard handle which breaks out of the front panel with regularity.	R141641Z Feb 84
37	Provides information concerning an optional method of marking the barrels of the M60 Machine Gun with ID Tag which painted black and wired to the bipod leg. This method is better than using paper tag which gets oil soaked or torn off.	R091620Z Mar 84
38	Provides a policy change on oil sampling requirements when vehicles are dispatched to a location which would cause the vehicle to exceed the 1000 mile test requirement.	R221504Z Mar 84
39	Provides information on new data which will appear on the outer envelope for microfiche to be able to identify the set, kit, or outfit the microfiche pertains to without opening the envelope.	R122054Z Apr 84
40	Provides information on a more effective way to record information when gauging petroleum storage tanks.	R291749Z Jun 84
41	Provides supplementary Army Oil Analysis Program (AOAP) instructions on sampling of oil in ground equipment under certain specific conditions.	R191714Z Jul 84
42	Authorize a replacement 3/4 Inch Drive x 15/16 Inch Impact Socket Wrench in the Basic Issue Items for each M60, M48A5, and M88 series vehicles.	R131845Z Sep 84
43	Provides information concerning recessions of AR 700-98.	R051156Z Oct 84
44	Provides information concerning a rapid method of accessing Catalog Data Agency and Logistics Control Activity logistics data files to obtain instantaneous review of logistics information. Access is obtained using existing DSN, or commercial telephone lines, or electronic mail over the Defense Data Network.	R161607Z Nov 84
45	Provides information concerning computations for determining Operational Readiness Float (ORF) and Repair Cycle Float (RCF) factors and authorizations by DESCOM, AMC. Relieves MACOMs of the manual preparation of said levels and computations.	R151626Z Nov 84
46	Announces the deletion of the yearly certification and reporting procedures for the Caliber .50 M2 Machine Gun Headspace and Timing Gauge.	R161605Z Nov 84
47	Provides information concerning a change to TM 11-3895-203-15 to permit the crew to replace the cotter pin on the handle.	R111525Z Feb 85
48	Provides information concerning glass replacement in tactical vehicles.	R111626Z Feb 85
49	Provides information concerning an upcoming repair procedure change for repair of leaky hydraulic couplings in the UH-60A Blackhawks.	R201859Z Feb 85
50	Provides information concerning modification on M113A2 Power Trains to reduce starter failures due to moisture and corrosion.	R191824Z Apr 85
51	Announces the method of processing cash awards for adopted SMART ideas as established in SMART message number 25.	R291556Z Apr 86

Table 10-1
Table 10-1 Smart Messages—Continued

Number	Summary	Date
52	Provides information reporting overpriced repair parts and discrepancies found on the Army Master Data File (AMDF).	R291556Z Apr 85
53	Alerts the field on the proper battery disconnect procedure to use when disconnecting the batteries on the CUCV series vehicles.	R291554Z Apr 85
54	Provides information concerning the fuel servicing ground rod, NSN 5975-01-050-5707.	R101301Z May 85
55	Announces the reinstatement of DA Form 2408-14 (Uncorrected Fault Record), in an impending change to DA Pam 738-750.	R131832Z May 85
56	Provides information concerning a UH-60A aircraft formation light Sub-Assembly.	R291809Z May 85
57	Provides information concerning a revision to TM 3-4240-279-10 on how to insure the inlet valve on the Protective Mask, M17A1, is properly installed.	R111548Z Jun 85
58	Alerts the field concerning a slide hammer replacing the sledge hammer, NSN 5120-01-013-1676.	R111550Z Jun 85
59	Announces the replacement of combustion drain valve bolts on OV-ID, OV-1 B/C and RV-Id aircraft.	R111552Z Jun 85
60	Provides information concerning change to the maintenance level on Power Steering Pumps for M809 Series Vehicles.	R081540Z Jun 85
61	Provides information concerning additional stowage space for OVM on the M929, 5 Ton Dump Truck.	R081544Z Jul 85
62	Announces an impending change to present run-up requirements for Army Aircraft in a flyable storage status.	R131335Z Aug 85
63	Offers members of the Army Community an opportunity to share examples of locally devised computer logistical applications for possible SMART adoption Army-wide.	R251512Z Sep 85
64	Alerts the field an approved valve engineering proposal (VEP) number V82-036, which permits units to apply a rubber covering to the fuel part of the UH-58 helicopter.	R251913Z Sep 85
65	Provides information concerning the use of a multiviscosity 15W40 lubricating oil.	R251852Z Nov 85
66	Announces an improved tire inflation gauge to be added to the number 1 and number 2 common shop sets.	R251853Z Nov 85
67	Provides information concerning an expedient, portable shower.	R162045Z Jan 86
68	Alerts the field concerning substitution of common hardware for quick-disconnect couplings in UH-1 H helicopter transmissions.	R291017Z Jan 86
69	Provides information concerning a simple way to reduce damage to tank ammo during transfer operations.	R181940Z Feb 86
70	Alerts the field concerning issue of rotary tailbooms from Corpus Christi Army Depot (CCAD)	R221433Z Apr 86
71	Offers members of the Army another invitation to share examples of locally devised personal computer logistical applications.	R282057Z Apr 86
72	Clarify procedures for disposing of broken hand tools with a value of \$5.00 or less.	R191704Z Aug 86
73	Provides information concerning a change to GTA 25-6-9, to prevent destruction of J1 cable on MGS.	R011822Z Aug 86
74A	Provide information concerning a change to components of the softball set, mens, NSN:7810-00-271-1752, LIN: T94041 authorized by CTA 50-909.	R191641Z Sep 86
74B	Alerts the field concerning a change to TM 9-2820-289-34, commercial utility cargo vehicle (CUCV), which will provide procedures for testing the CUCV alternator on the 500 AMP generator/alternator tester located at the DS and GS level. This procedure will provide for testing under load using the 500 AMP tester.	R281828Z Jul 87
75	NOT USED.	
76	Provides information to users of the M872 series semitrailer of a new cargo tie down device.	R131942Z Aug 87
77	Provides information on new gauging procedure for the M16 rifle which will be included in a future change to TM 9-1005-249-24&P.	R231515Z Oct 87
78	Announces a pending change to TM 55-1520-210-23-1 on lubricating the Tail Rotor Hub and Blade Grip Bearings on UH-10/H/V/EH-1H helicopters.	R071307Z Apr 88
79	A Project SMART information message providing helpful information on removal of the Drive Sprocket Hubs on the M1 Abrams tank.	R111930Z Apr 88
80	Provided information to the field on requisitioning replacement headlights for tactical vehicles.	R111300Z May 88
81	To announce a new procedure for units to challenge stocking parts required by DA Pamphlets 710-2-117 through 710-2-120. Consolidated mandatory parts lists.	P301709Z Jun 88

Table 10-1
Table 10-1 Smart Messages—Continued

Number	Summary	Date
82	To announce that procedures have been changed to allow the tarpaulin for the M872 SemiTrailer to be requisitioned as a separate item rather than as a kit which includes the bows. Also, the SMR code for the tarpaulin will be changed to reflect it is repairable at organizational level.	P091959Z Jun 88
83	An information message to inform the field that the DOL at Fort Devens has developed an automated program which assists in managing excess. The program operates independently of current standard systems.	P221952Z Nov 89
84	To announce that the U.S.Communications–Electronics Command has approved the optional use of an antenna connector for use on the AS–3438/G antenna.	P211702Z Nov 89
85	To inform the field that the U.S. Army TMDE Support Center has approved dropping the calibration requirement for some Pulse Generators.	P191830Z Jan 90
86	Provides units with advance notice on an approved change to the NSN of the Light Mark to be used with the M4T6 Floating Bridge.	P182998Z Sep 90
87	Announces a change to configuration of the M2 Burner used in the M59 Cabinet and Mobile Kitchen Trailer.	P261755Z Sep 90
88	An information message to inform the field of an upcoming change to the BOIP for the Turret Mechanics Supplement tool Kit (LIN T57366) BOIP Number 81–0281–S, NSN 4931–01–115–5307.	P161648Z Oct 90
89	Provides concerned units with information of availability of Repair Kit for M172A1 Trailer Brake Cam Shaft Bushing.	P181816Z Apr 91
90	An information message to inform the Field that the U.S. Army Tank–Automotive Command has authorized the Removal/ Replacement of the M548 FOV Power Plant Wiring Harness at the organizational maintenance level.	P181814Z Apr 91
91	Emphasizes the HQDA policy for MACOM and Locally Authorized Modification of Equipment.	P241558Z Jun 91
92	NOT USED	
93	Purpose to Increase Emphasis on Tangible Savings.	P142015Z Oct 92

Chapter 11 Submitting Equipment Improvement Reports(EIR), Product Quality Deficiency Reports (PODR), and Initial Failure of Stock Funded Depot Level Reparables (SFDLR)

11-1. General

This chapter provides procedures for submitting Equipment Improvement Reports, Product Quality Deficiency Reports, and Initial Failure of Stock Funded Depot Level Reparables.

11-2. Reporting

a. The SF Form 368 is a multi-use form used for reporting—

(1) Product quality deficiencies in repair parts, components, assemblies, weapon systems, equipment, and software.

(2) Deficiencies due to design, manufacturing, depot level overhaul, or maintenance.

(3) Suggested ideas or recommendations for improvements to equipment.

b. The SF Form 368 is used to specifically report—

(1) A condition in or with equipment that is dangerous to people, other equipment, or missions.

(2) An item or equipment that does not work right or last as long as it should because of bad design or materials.

(3) Items that are not within the size, material, hardness, finish, or performance limits of the approved equipment specifications.

(4) Low quality workmanship.

(5) Dangerous situations due to incorrect or missing data.

(6) Maintenance problems.

(7) Conditions that keep you from using the equipment.

(8) Repeated problems that take a lot of your time and a solution is not in sight.

(9) Problems asked to be reported by the National Maintenance Point (NMP). When such requests are made, the SF Form 368 is used to verify the problem and how bad it is.

(10) Corrosion problems in or on parts, components, assemblies, weapon systems, and equipment.

c. Fill out an SIT Form 368 to—

(1) Get disposition instructions for credit, replacement, or repair of defective items.

(2) Stop repeat shipments of defective items.

(3) Get corrective action.

(4) Improve the performance and maintenance of the equipment.

(5) Identify problems, trends, and recurring deficiencies.

d. Do not use the SF Form 368 to report—

(1) Items purchased locally. Use local procedures for these items.

(2) Security assistance items after they have been received by the foreign government. (See AR 12–12.)

(3) Medical materiel. (See DLAR 4155.28.)

(4) Subsistence materiel. (See AR 30–12 and AR 40–660.)

(5) Preservation, packaging, packing, or marking errors. (See AR 735–11–2.)

(6) Shipping type errors such as overages, shortages, wrong item received, or expired shelf life. Report those problems on the SF Form 364 (Report of Discrepancy (ROD)). (See AR 735–11–2.)

(7) Transportation type errors such as shortage, loss, or damage during transportation. (See AR 55–38.)

(8) Materiel that fails due to inadequate user (including operator and DS/GS maintenance) maintenance, improper operation, and normal wear and tear.

(9) Malfunctions involving ammunition and explosives. (See AR 75–1.)

(10) Warranty claim actions (WCAs). WCAs are submitted on DA Form 2407.

e. DA Pam 738–751 prescribes the use of the SF Form 368 for aviation equipment: aircraft, aviation managed ground support equipment, and aviation life support equipment.

11-3. Use and preparation of an SF Form 368

This paragraph provides instruction for reporting quality deficiencies and recommendations for improving equipment using either the SF

Form 368, message, or electronic mail.

Note. Note. New procedures have been added at paragraph 11-6 to improve the control of exhibits and issuing of credit for SFDLR that fail on initial use.

</paratext>

a. The person who discovers a defect or has an equipment improvement recommendation is responsible for reporting it on an SF Form 368. Prepare the SF Form 368 as complete as possible. Do not delay sending the form due to missing information or local staffing.

b. Product quality defects and equipment improvement recommendations fall into the following two categories:

(1) *Category I.*

(a) *Explanation.* A defect that may cause death, injury, or severe job illness; would cause loss or major damage to a weapon system; or critically restricts the combat readiness capabilities of the unit. Improvement recommendations that prevent death, injury, or severe job illness; prevent loss or major damage to a weapon system, or would affect the combat readiness of the unit are also Category I.

(b) *Processing.* Prepare and forward a message format SF Form 368 (fig 11-3), to the proper MSC in figures 11-6 through 11-12, within 48 hours after you have found the defect or problem. If needed information does not apply to the problem being reported, enter N/A in the appropriate section of the message. The message should be priority and unclassified. Category I reports may be phoned in or brought in for immediate assistance but must be followed by a message within the 48 hour timeframe. The MSC acknowledges receipt and begins screening stocks within 24 hours of receipt of your report.

(2) *Category II.*

(a) *Explanation.* A defect or recommendation that does not meet the criteria of a Category I.

(b) *Processing.* Prepare and forward the original SF Form 368 to the proper MSC in figures 11-6 through 11-12 within 5 working days after you have found the defect or problem. The report or recommendation may be sent by the SF Form 368 format of figure 11-1, the message format of figure 11-3, or by electronic mail using the SF Form 368 electronic facsimile.

**MAT CAT Position 1: B, E, F, J, R, S, T
or FSC:**

1070-1080, 1510-1740, 1860-2305, 2620, 2810-2840,
3110-3230, 3455-3770, * 3820, 3830-3845, 3915, 3940,
3960, ** 3990, 4010-5210, 5305-5430, 6115-6116, 6210-6350
6605-6610, 6620, 6630-6640, 6670-6675, 6810-6850, 6930,
7105-7720, 8145, 8305-8475, 9110-9160, 9310-9999

Send to:

Commander
U.S. Army ATCOM (TROOP)
ATTN: AMSAT-I-MDO
4300 Goodfellow Blvd
St. Louis, MO 63120-1798
DODAAC: W81D18

**Call In Category I Reports (life, limb or combat ability endangered)
or send message to:**

Call:
DSN 693-1955
Comm: (314) 263-1955

Electronic Mail Box:
KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

Send Message:
CDR ATCOM ST LOUIS MO//AMSAT-I-MDO//
Info: CDR AMC ALEX VA//AMCQA-P//

For Category I messages and SF Forms 368 on Aviation items, see DA Pam 738-751.

Notes:

* Well drilling equipment only.
** Cargo net only.

Figure 11-6. ATCOM (TROOP)

**MAT CAT Position 1: D or M
or FSC:**

1005-1055, 1090-1270, 1285-1330, * 1336, ** 1340,
1345-1398, *** 2320 and 2350, 3405-3450, 3611, 3620,
3645, 3650, 3660-3685, 3690, 3693-3695, 4921-4925,
4931-4933, 4940, 5220-5280, 6650, 6665, 6920, 8140

Send to:

Commander U.S. Army AMCCOM
ATTN: AMSMC-QAD-I (R)
Rock Island, IL 61299-6000
DODAAC: W52HIC

**Call In Category I Reports (life, limb or combat ability endangered)
or send message to:**

Call:
DSN 793-7580 ext 733
Comm: (309) 782-7580 ext 733

Electronic Mail Box:
AMCCOM.DRS@RIA-EMH1.ARMY.MIL

Send Message to:
CDR AMCCOM ROCK ISLAND IL//AMSMC-QAD//
Info to: CDR AMC ALEX VA//AMCQA-P//

Notes:

* To determine correct address for particular NSN's under FSC 1336, check the AMDF for position 1 of the MAT CAT.
** Except free rockets.
*** SP artillery and antiaircraft guns only.

Figure 11-7. AMCCOM

**MAT CAT Position 1: G, P, Q, U
or FSC:**

2596, 2598, 2691, 5450, 5805, 5810, 5811,
5815-6080, 6105, 6110, 6125-6145, 6605, 6615, 6625,
6680, 6660, 6695-6780, 6920, 6940-7050, 7450, 7550, 8130.

Send to:

Commander
U.S. Army CECOM
ATTN: AMSEL-PA-MA-D
Ft. Monmouth, NJ 07703-5000
DODAAC: W15P6Z

**Call In Category I Reports (life, limb or combat ability endangered)
or send message to:**

Call:
DSN 992-3808
Comm: (201) 532-3808
24-Hour HOTLINE:
DSN 992-1276
Comm: (201) 532-1276

Electronic Mail Box:

AMSEL-PA-M@MONMOUTH-EMH2.ARMY.MIL

Send Message:

CDR CECOM FT MONMOUTH NJ//AMSEL-PA-MA-D//
Info to: CDR AMC ALEX VA//AMCQA-P//

Figure 11-8. CECOM

**MAT CAT Position 1: H
or FSC:**

1510-1730, 2810, 2840, 2915, 2925, 2935,
2945, 2995, 3110-3130, 4920,
5303-5365, 6340, 6605, 6610, 6615, 6620.

Send to:

Commander
U.S. Army ATCOM (AIR)
ATTN: AMSAT-I-MDO
4300 Goodfellow Blvd
St. Louis, MO 63120-1798
DODAAC: W81D18

**Call In Category I Reports (life, limb or combat ability endangered)
or send message to:**

Call:
DSN 693-1955
Comm: (314) 263-1955

Electronic Mail Box:

KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

Send Message:

CDR ATCOM ST LOUIS MO//AMSAT-I-MDO
Info: CDR AMC ALEX VA//AMCQA-P//

For Category I messages and SF Forms 368 on Aviation items, see DA
PAM 738-751.

Figure 11-9. ATCOM (AIR)

**MAT CAT Position 1: K
or FSC:**

2310-2315, * 2320 and 2350, 2325-2340, 2410-2430,
2510-2590, 2610, 2630-2805, 2815, 2910, 2920, 2930,
2940, 2950, 3020, 3040, 3110-3130, 3805-3815, ** 3820, 3825, 3830,
3895, 3910, 3930, 3950, ** 3990, 4310, 5430.

Send to:

Commander
U.S. Army TACOM
ATTN: AMSTA-QRD
Warren, MI 48397-5000
DODAAC: W81D19

**Call In Category I Reports (life, limb or combat ability endangered)
or send message to:**

Call:
DSN 786-5422
Comm: (313) 574-5422

Electronic Mail Box:

TACOMDRS@TACOM-EMH1.ARMY.MIL

Send Message:

CDR TACOM WARREN MI//AMSTA-QRD//
Info to: CDR AMC ALEX VA//AMCQA-P//

Notes:

- * Except SP artillery and antiaircraft guns.
- ** Except well drilling equipment.
- *** Except cargo nets.

Figure 11-10. TACOM

**MAT CAT Position 1: L
or FSC:**

1280, * 1336, ** 1340, 1337, 1338, 1410-1450, 1810-1850,
2845, 4960, 6920, 4935, 8140, 9135.

Send to:

Commander
U.S. Army MICOM
ATTN: AMSMI-MMC-CS-AC
Redstone Arsenal, AL 35899-5180
DODAAC: W81D17

**Call In Category I Reports (life, limb or combat ability endangered)
or send message to:**

Call:
DSN 746-3279
Comm: (205) 876-3279

Electronic Mail Box:

CFO@REDSTONE-EMH2.ARMY.MIL

Send Message:

CDR MICOM REDSTONE ARS AL//AMSMI-MMC-CS-AC//
Info to: CDR AMC ALEX VA//AMCQA-P//

Notes:

- * To determine correct address for particular NSN's under FSC 1336, check the
AMDF for position 1 of the MAT CAT.
- ** Free rockets only.

Figure 11-11. MICOM

**MAT CAT Position 1: U
or FSC:**

5810

Send to:

Commander
U.S. Army CECOM Communications Security Logistics Activity
ATTN: SELCL-LO-D
Ft. Huachuca, AZ 85613-7090
DODAAC: W61QL1

**Call In Category I Reports (life, limb or combat ability endangered)
or send message to:**

Call:
DSN 879-8261
Comm: (602) 538-8261

Electronic Mail Box:

CSLA-LAD@MONMOUTH-EMH2.ARMY.MIL

Send Message to:

CDRUSACSLA FORT HUACHUCA AZ//SELCL-LO-D//
Info to: CDRCECOM FORT MONMOUTH NJ//AMSEL-PA-MA-D//

Figure 11-12. CECOM CSLA

c. Handling procedures are as follows:

(1) *Special handling procedures for software.* When you know a problem is associated with software, complete the SF Form 368 per the preparation instructions for figure 11-2.

(2) *Telephone numbers and mailing addresses for the SF Form 368 (figs 11-6 through 11-12).* The MSC will be identified by either the MATCAT or the FSC as shown below:

(a) The MATCAT can be found by looking up the national item identification number (the NSN without the first four numbers) on the AMDF. The MATCAT is a five-position code on the AMDF. Figures 11-6 through 11-12 break out the responsible MSC by the first position code of the MATCAT.

(b) The FSC is the first four numbers of an NSN. Figures 11-6 through 11-12 also give the responsible MSCs by FSC.

(c) For computer software deficiencies, use the MATCAT or the FSC for the equipment on which the software is loaded.

(3) Keep one copy of the SF Form 368 until the case is closed by the Army screening point. Retention of the document beyond that date for historical records and eventual disposition of the hard copy should be at the discretion of the originating activity.

(4) Send one copy of the SF Form 368 to the support maintenance activity. If required locally, also send, a copy of the SF Form 368 responses to the maintenance support unit.

d. The SF Form 368 is not to be returned to the sender or delayed simply because it is not clean or contains spelling, grammar, or punctuation errors.

e. To send in an SF Form 368 will not be withheld even though—

(1) Other units in the command sent in an SF Form 368 on the same subject or problem.

(2) DA or the manufacturer, command, or correspondence indicates that they already know about the subject or problem.

Note. Note. Equipment improvement recommendations are not needed when the corrective action is printed in the Equipment Improvement Report and Maintenance Digest (TB 43-0001 -series).

f. If you decide to submit an SF Form 368 to recommend an equipment improvement, you should also think about submitting your idea as a suggestion (see AR 672-20).

g. Order blank SF Forms 368 through your supply support using NSN 7540-00-133-5541.

11-4. Exhibits

a. When the SF Form 368 is used to report a deficiency, the item being reported is required to be held by the user. These items or samples of items are known as exhibits and are used to support investigation of the defect by the MSC responsible for the class of materiel.

b. Exhibits must not be taken apart at organizational or support maintenance levels just to see what caused the problem. If the condition is found during authorized disassembly, the exhibit will be put back together in the original condition. Everything part of or adding to the failure should be kept for investigation, analysis, and support of the SF Form 368. When contaminated fluids are drained for preservation, include a sample with the exhibit.

Note. Note. In all cases, blocks 22 or 23 of the SF Form 368 will identify the exhibit holding point, the name of a point of contact, and both commercial and government (DSN, FTS, etc.) phone numbers.

c. Retention of exhibits is as follows:

(1) Each exhibit will be tagged with DD Form 1575 (fig 11-4) and DD Form 2332 (Materiel Deficiency Exhibit) (fig 11-5), and classified in a suspended supply condition code(see AR 725-50 and table C-28).

(2) Each exhibit will be kept by the originator of the SF Forms 368 for at least 60 days or until disposition instructions are received from the responsible MSC. If after 60 days, shipping or disposition instructions have not been received, a follow-up may be conducted with the appropriate MSC.

(3) Exhibits will be secured and/or segregated from all other materiel.

d. Shipping of exhibits is as follows:

(1) When the responsible MSC needs an exhibit for investigation and research, the request will be sent through the supporting maintenance unit. Exhibits will not be released to contractors without orders from the item manager of the MSC responsible for the materiel.

(2) The tagged exhibits, along with a copy of the SF Form 368 report, will be adequately packaged, including necessary bracing and cushioning, to ensure safe delivery to the destination. ASTM 3951-88 may be used for exhibit packaging and marking guidance. The outside of the package will be clearly marked "To Be Opened In The Presence of a Government Representative" and will also be marked "PQDR Exhibit/Report Control Number ???."

(3) Category I PQDR exhibits will be shipped priority designator (PD) 03 within 3 days after notification; Category II PQDR exhibits will be shipped PD 06 within 6 days after notification. If specific shipping priority instructions are not provided for an exhibit to be returned after completion of the investigation, then PD 09 will be used. DOD Directive 4410.6 is applicable.

(4) Notify appropriate MSC of shipment of exhibits.

e. Disposition of exhibits is as follows:

(1) If you do not receive disposition orders within 60 days from the date on the SF Form 368, and it is not being followed up, dispose of the exhibit using current supply procedures. If you are told disposition orders are coming, keep the exhibit until you get the orders. When you use the normal supply procedures to dispose of the equipment, ensure that the condition code has been changed from a suspended condition code to a reclassified condition code as shown in AR 725-50, table C-28.

(2) Disposition instructions from the MSC will show the assigned SF Form 368 report control number. The orders will also give accountability and disposition information. To keep track of the exhibit during processing, the SF Form 368 report control number will go on all property and shipping papers.

11-5. Addresses for the SF Forms 368

a. Send Category I messages and SF Forms 368 to the addresses listed in figures 11-6 through 11-12. These addresses are the screening points where all SF Forms 368 are to be sent, regardless of who furnished the item to you. The screening point is identified in Position 1 of the MATCAT in the AMDF for each Army NSN. If you cannot locate the NSN in the AMDF, use the item's FSC.

b. These addressees supersede any forwarding addresses for SF Forms 368 in equipment TMs.

c. If a decision cannot be made as to where the report should go, send it to: Director, USAMC Logistics Support Activity, ATTN:AMXLS-RBP, Redstone Arsenal, AL 35898-7466.

11-6. Reporting initial failure of SFDLR

This paragraph provides instructions for reporting initial failures of SFDLR.

a. *Explanation.*

(1) *Initial failure.* An initial failure occurs if the first time an SFDLR is used it does not work and the failure is not caused by accident, misuse, improper operation, improper installation, unauthorized repair, or alteration.

(2) *Depot level repairable (DLR).* A DLR is an item with a maintenance repair code of D or L or an automatic return item code of C, E, R, or S.

b. *Processing.*

(1) Do not tamper with the item. If you do, you will not get initial failure credit.

(2) Determine if the initial failure of the SFDLR meets the criteria for a Category I or Category II defect. Follow the procedures in paragraph 11-3 for Category I or Category II defects in addition to the further requirements for an Initial Failure of an SFDLR.

(3) Prepare an SF Form 368 and explain completely what happened in block 22. Also write the words "INITIAL FAILURE CLAIM" in block 22. If the QDR or EIR is a Category I, include the date/time group of the message in block 22 (see figure 11-1).

(4) Call your Army Materiel Command (AMC) Logistics Assistance Office (LAO) and tell the appropriate MSC logistics assistance representative (LAR) that you have an initial failure item that needs to be looked at. You and the LAR will work as a team to solve an initial failure problem.

(5) The LAR looks up the NSN of the failed item and checks the AMDF to verify that it is a DLR.

(6) The LAR examines the failed item and determines that it is a initial failure based on what he sees, what you tell him, and what your documentation shows. If the LAR agrees that it is an initial failure, he or she will write "INITIAL FAILURE-YES" in block 22, sign, and date the SF Form 368 in the same block (see figure 11-1).

(7) If the item doesn't meet the criteria for an initial failure, follow the normal SF Form 368 process.

(8) Make 7 copies of the original SF Form 368. Put a copy in your files and give a copy to the LAR for his files. Send the original to the appropriate MSC. Pack the failed item carefully and place a copy of the SF Form 368 inside the box. Put the remaining 4 copies in a packing envelope and attach it to the boxed item.

(9) Prepare a DD Form 1348-1, put it in a separate envelope, and attach it to the boxed item. Turn in the entire package to your supply personnel, who will give you a free replacement, order a new

item, or give you partial credit for the failed item according to the policies of your command. The remaining credit will be given to your command.

(10) When the final DD Form 1348-1 is prepared by the retail collection point (usually the installation or DOL) to return the failed

item to an AMC depot, be sure to write the DD Form 1348-1 document number in block 22 of the remaining QDRs. The retail collection point needs to express mail or datafax a copy of the SF Form 368, containing the final DD Form 1348-1 document number, to the appropriate MSC, listed in figures 11-6 through 11-12. This is the only way to ensure 100 percent credit from AMC for the failed item.

PRODUCT QUALITY DEFICIENCY REPORT				<input type="checkbox"/> CATEGORY I		<input checked="" type="checkbox"/> CATEGORY II	
1a. FROM (Originator) HQ 105 Spt Bn Fort Knox, KY 40121 DODAAC: W22PLM				2a. TO (Screening Point) Commander, U.S. Army Tank-Automotive Command ATTN: AMSTA-QRT Warren, MI 48397-5000 DODAAC: W56H2V			
1b. NAME, TELEPHONE NO. AND SIGNATURE MARVIN HALL DSN: 687-1234			1c. DATE 10 Oct 92	2b. NAME, TELEPHONE NO. AND SIGNATURE			2c. DATE
3. REPORT CONTROL NO. WK4FFF920001		4. DATE DEFICIENCY DISCOVERED 10 Oct 92	5. NATIONAL STOCK NO. (NSN) 2920-00-335-4678		6. NOMENCLATURE Regulator		
7a. MANUFACTURER/CITY/STATE XYZ Corporation Richmond, VA		7b. MFRS. CODE CXZ-497	7c. SHIPPER/CITY/STATE XYZ Corporation Richmond, VA			8. MFRS. PART NO.	
9. SERIAL/LOT/BATCH NO. 639-486		10a. CONTRACT NO. DAAD-05-C-79-KX	10b. PURCHASE ORDER NO.		10c. REQUISITION NO. W22PLM63620302	10d. GBL NO. UNK	
11. ITEM <input checked="" type="checkbox"/> NEW <input type="checkbox"/> REPAIRED/ <input type="checkbox"/> OVERHAULED	12. DATE RECD., MFRD., RE- PAIRED, OR OVERHAULED UNK		13. OPERATING TIME AT FAILURE 170		14. GOVERNMENT FURNISHED MATERIAL <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
15. QUANTITY 271		a. RECEIVED 271	b. INSPECTED 225		c. DEFICIENT 46	d. IN STOCK UNK	
16. DEFICIENT ITEM WORKS ON/WITH	a. END ITEM (Aircraft, mower, etc.) M-151 Truck	(1) TYPE/MODEL/SERIES				(2) SERIAL NO. 2000-9939	
	b. NEXT HIGHER ASSEMBLY	(1) NATIONAL STOCK NO. (NSN) 2320-00-542-4783	(2) NOMENCLATURE Truck M-151		(3) PART NO. N/A	(4) SERIAL NO. 2000-9939	
17. UNIT COST \$		18. ESTIMATED REPAIR COST \$	19a. ITEM UNDER WARRANTY <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> UN- KNOWN		19b. EXPIRATION DATE		
20. WORK UNIT CODE/EIC (Navy and Air Force Only.)							
21. ACTION/DISPOSITION <input checked="" type="checkbox"/> HOLDING EXHIBIT FOR 55 DAYS <input type="checkbox"/> RELEASED FOR INVESTIGATION <input type="checkbox"/> RETURNED TO STOCK <input type="checkbox"/> DISPOSED OF <input type="checkbox"/> REPAIRED <input type="checkbox"/> OTHER (Explain in Item 22)							
22. DETAILS (Describe, to best ability, what is wrong, how and why, circumstances prior to difficulty, description of difficulty, cause, action taken, including disposition, recommendations. Attach copies of supporting documents. Continue on separate sheet if necessary.) a. Utilization Code: 0 b. Failure detected during normal operation of vehicle c. Stopped working d. TM 9-2320-218-34P e. Normal use of vehicle in cross country travel f. The voltage regulator has failed in 46 of 271 vehicles on hand. All failures have occurred with less than 8000 miles. 139 of 271 have 5000 or more miles. g. Unknown h. Photograph of the defective regulators are attached.							
23. LOCATION OF DEFICIENT MATERIAL							
24a. TO (Action Point)				25a. TO (Support Point) (Use Items 26 and 27 if more than one)			
24b. NAME, TELEPHONE NO. AND SIGNATURE			24c. DATE	25b. NAME, TELEPHONE NO. AND SIGNATURE			25c. DATE
26a. TO (Support Point)				27a. TO (Support Point)			
26b. NAME, TELEPHONE NO. AND SIGNATURE			26c. DATE	27b. NAME, TELEPHONE NO. AND SIGNATURE			27c. DATE

368-102
NSN 7540-00-133-5541STANDARD FORM 368 (REV. 10-85)
GENERAL SERVICES ADMINISTRATION
(FPMR 101-26.8)

Figure 11-1. Sample of a completed SF 368 report for equipment deficiencies

Legend for Figure 11-1:

Completion instructions for SF 368 Report for equipment deficiencies
(Section I is completed by the writer.)**Block Instructions.** Mark the Category II box (All Category I deficiency reports must be sent in by message). Provide as much of the

following information as possible. Much of the data can be found below the bar code symbol located on the item or package. Submit the report even if all data is not available.

(1a) From. In addition to your unit, location, and ZIP Code or APO

number, enter your Department of Defense Activity Address Code (DODAAC).

(1b) Name. Type or print your name and duty phone (include DSN or FTS and Commercial numbers).

(1c) Date. Type or print current calendar date, for example, 10 Oct 92.

(2a) To. Put in the command and address from figures 11–6 through 11–12.

(2b) Name. Leave blank.

(2c) Date. Leave blank.

(3) Report Control Number. Put in the DODAAC of your unit (6 places) followed by the calendar year (2 places). Then give the number of SFs 368 you have sent in during the calendar year (4 places). For example, the first SF 368 for 1993 sent in by a unit with DODAAC WK4FFF would be WK4FFF930001.

(4) Date Deficiency Discovered. Calendar date; for example, 10 Oct 92.

(5) National Stock Number. Put in the NSN of the bad item.

(6) Nomenclature. Put in the name of the bad component/item.

(7a) Manufacturer/City State. Put in the name of the manufacturer, contractor, or government unit that made or repaired the bad item, if you know it, as well as the city and state.

(7b) Manufacturer's Code. Put in the code of the manufacturer, contractor, or government unit that made or repaired the bad item.

(7c) Shipper/City/State. Put in the name of the shipper, as well as the city and state.

(8) Manufacturer's Part Number. Put in the manufacturer's part number, if available. (Leave blank if an NSN is in Block 5.)

(9) Serial/Lot/Batch Number. If known, put in a serial, lot, or batch number of the bad item(s). Lot numbers are used for ammunition items since serial numbers do not apply.

(10a) Contract Number. Give the contract number.

(10b) Purchase Order Number. Give the purchase order number.

(10c) Requisition Number. Give the requisition number.

(10d) GBL Number. Give the GBL number.

(11) Item Is New or Overhauled. Check the proper block if the item is new or has been overhauled.

(12) Date Received, Manufactured, Repaired, or Overhauled. Give the date received, manufactured, repaired, or last overhaul date, if known.

(13) Operating Time at Failure. Tell how long the equipment had been run when the problem was found. That is, how many miles, cycles, hours, or EFC rounds were on the equipment or component. For vehicles bought by GSA, put in the date the vehicle was first used.

(14) Government Furnished Material. Mark the "NO" box. Only contractors mark the "YES" box.

(15) Quantity. In the 4 blocks under quantity, enter the actual number of each item, not the unit of issue. That is, give the actual number of items being reported, no matter what the unit of issue is.

(15a) Received. Put in the total number of items in the lot or batch in which the defect was found, if you know it.

(15b) Inspected. Put in the number of items looked at.

(15c) Deficiency. Put in the number of items found to be bad after the inspection.

(15d) In Stock. Put the number of the items in stock, if known.

(16) Deficient Item Works On/With:

(16a) End Item

(1) Show type/ model/series of the end item or commodity that the bad item is used with or on (for example, M16A1 Rifle or 105mm Howitzer M 102). Also list the NSN.

(2) Show the serial number of the end item when the item listed in Block 5 is part of an end item.

(16b) Next Higher Assembly. If the bad item is part of a next higher assembly (NHA), put in the NHA:

(1) NSN.

(2) Name.

(3) Part number.

(4) Serial number. Lot numbers are used for ammunition items (serial numbers do not apply).

(17) Unit Cost. Put in the dollar value of the bad item, if you know it. Use the AMDF price. List the unit price of one item.

(18) Estimated Repair Cost. Put in the estimated cost (including overhead) to fix all of the bad items, if you know it. This cost can be found by multiplying the cost to fix one bad item by the number of bad items.

(19a) Item Under Warranty. Check proper box.

(19b) Expiration Date. Put in the expiration date of the warranty.

(20) Work Unit Code/EIC. Put in the code for the maintenance unit doing the maintenance:

O—Unit.

F—Direct Support (DS).

H—General Support (GS).

D—Depot.

L—Special Repair Activity.

(21) Action/ Disposition. Check one of the blocks to show the type of the action taken or asked for. If an exhibit is held, show the number of days it will be held (at least 55). If none of the items show the action taken or asked for, check "other." Then show the type of action taken or asked for in item 22.

(22) Details. Put in the following information. If you need more space, use a continuation sheet. Be sure to put the Report Control Number (Block 3) on the continuation sheet.

a. *Utilization Code:* Put in the proper utilization code. See table B–6. For vehicles in administrative use, use code "V".

b. *Failure Detected During:* Show when the failure was found. That is, during scheduled maintenance, test, storage, normal operation, inspection, or handling.

c. *First Indication of Trouble:* Tell about the conditions present when the first sign of trouble was noticed. That is, stopped working, got too hot or noisy, lost adjustment, did not perform as needed, didn't hold frequency, etc.

d. *TM Number:* To help identify the item, list the TM number, date, and latest change number. Also list the TM page, figure, and item number.

e. *Circumstances prior to difficulty:* Put in all the details of what was happening before the equipment failed. These details will help the investigator. Be sure to tell about any modifications directly related to the problem. Any other information you think might help the investigator should also be given here.

f. *Description of difficulty:* Write a brief, but thorough description of the problem or need.

g. *Cause:* Outline the most likely cause of the problem or need for improvement.

h. *Action taken:* Give a short summary of what you did to correct the problem or improve the equipment. If an item is fixed and put back in service, describe the repair, or if available, give pictures or drawings. List exhibit information: exhibit held, destroyed, or turned in to supply.

i. *Recommendations:* Give any suggestions to help stop problems, improve the equipment, or change instructions.

Note: The following information is provided for Initial Failures of SFDLR:

j. If the failed item is an Initial Failure of a SFDLR, the person who discovers the defect writes: "INITIAL FAILURE CLAIM".

k. If the QDR/EIR is a Category I, include the date/time group of the message in block 22.

l. If the LAR agrees that the failed item is an Initial Failure, he writes, "INITIAL FAILURE–YES", then signs and dates the form.

m. The Retail Collection point includes the final DD Form 1348–1 turn in document number.

(23) Location of Deficient Materiel. Enter the unit name, location, and ZIP Code or APO number where the deficient materiel is located.

Note: Sketches and pictures should be attached as needed to help explain the condition or equipment improvement.

PRODUCT QUALITY DEFICIENCY REPORT				<input type="checkbox"/> CATEGORY I		<input checked="" type="checkbox"/> CATEGORY II	
1a. FROM (Originator) COMMANDER, B BTRY 1/43 ADA FT. BLISS, TX 79916 (DODAAC) W80FMC				2a. TO (Screening point) COMMANDER, U.S. ARMY MICOM ATTN: AMSMI-QA-CF REDSTONE ARSENAL, AL 35898-5290			
1b. NAME, TELEPHONE NO. AND SIGNATURE SPC Goodperson (915) 568-4444 DSN 978-4444			1c. DATE	2b. NAME, TELEPHONE NO. AND SIGNATURE		2c. DATE	
3. REPORT CONTROL NO. W80FMC900002		4. DATE DEFICIENCY DISCOVERED		5. NATIONAL STOCK NO. (NSN)		6. NOMENCLATURE PDB2 Update Diagnostics	
7a. MANUFACTURER/CITY/STATE			7b. MFRS. CODE		7c. SHIPPER/CITY/STATE		8. MFRS. PART NO.
9. SERIAL/LOT/BATCH NO. PDB2		10a. CONTRACT NO.		10b. PURCHASE ORDER NO.		10c. REQUISITION NO.	
10d. OBL NO.		11. DATE RECD. MFRD RE. PAIRED, OR OVERHAULED		12. OPERATING TIME AT FAILURE		13. GOVERNMENT FURNISHED MATERIAL <input type="checkbox"/> YES <input type="checkbox"/> NO	
15. QUANTITY		a. RECEIVED		b. INSPECTED		c. DEFICIENT	
16. DEFICIENT ITEM WORKS ON/WITH		d. IN STOCK		(1) TYPE/MODEL/SERIES PATRIOT Missile System Radar Set ANMPQ-53		(2) SERIAL NO.	
a. END ITEM (Aircraft, motor, etc.)		(1) NATIONAL STOCK NO. (NSN)		(2) NOMENCLATURE		(3) PART NO.	
b. NEXT HIGHER ASSEMBLY		(4) SERIAL NO.		(1) ESTIMATED REPAIR COST		19a. ITEM UNDER WARRANTY <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN	
17. UNIT COST \$		18. ESTIMATED REPAIR COST \$		19b. EXPIRATION DATE			
20. WORK UNIT CODE/EIC (Navy and Air Force Only.)							
21. ACTION/DISPOSITION <input type="checkbox"/> HOLDING EXHIBIT FOR ___ DAYS <input type="checkbox"/> RELEASED FOR INVESTIGATION <input type="checkbox"/> RETURNED TO STOCK <input type="checkbox"/> DISPOSED OF <input type="checkbox"/> REPAIRED <input type="checkbox"/> OTHER (Explain in Item 22)							
22. DETAILS (Describe, to best ability, what is wrong, how and why, circumstances prior to difficulty, description of difficulty, cause, action taken, including disposition, recommendations. Attach copies of supporting documents. Continue on separate sheet if necessary.) Problem found during maintenance. When running utilization code zero, interrupt option 17 in the DA mode was accidentally selected. This resulted in the computer going into an endless loop looking for the line printer. The system had to be "rebooted" to break from the loop. The exhibit is still being used. Recommend an error routine be inserted to check for a Line Printer. If a Line Printer is not detected, an alert be displayed and the software be brought back to the Mode Selection Menu.							
23. LOCATION OF DEFICIENT MATERIAL Commander, B Btry 1/43 ADA Ft. Bliss, TX 79916							
24a. TO (Action Point)				25a. TO (Support Point) (Use Items 26 and 27 if more than one)			
24b. NAME, TELEPHONE NO. AND SIGNATURE		24c. DATE		25b. NAME, TELEPHONE NO. AND SIGNATURE		25c. DATE	
26a. TO (Support Point)				27a. TO (Support Point)			
26b. NAME, TELEPHONE NO. AND SIGNATURE		26c. DATE		27b. NAME, TELEPHONE NO. AND SIGNATURE		27c. DATE	

Figure 11-2. Sample of a completed SF 368 report for computer software deficiencies

Legend for Figure 11-2:
Completion instructions for SF 368 report for computer software deficiencies
(Section I is completed by the writer.)

Block Instructions. Mark the Category II box (all Category I deficiency reports must be sent in by message).

Leave all blocks blank except:

(1a) From. In addition to your unit, location, and ZIP Code or APO

number, enter your Department of Defense Activity Address Code (DODAAC).

(1b) Name. Type or print your name and duty phone (include DSN or FTS and commercial numbers).

(1c) Date. Type or print current calendar date, for example, 10 Oct 92.

(2a) To. Put in the command and address from figures 11–6 through 11–12. Use the MATCAT or FSC for the equipment used with the computer software.

(2b) Name. Leave blank.

(2c) Date. Leave blank.

(3) Report Control Number. Put in the DODAAC of your unit (6 places) followed by the calendar year (2 places). Then give the number of SFs 368 you have sent in during the calendar year (4 places). For example, the first SF 368 for 1992 sent in by a unit with DODAAC WK4FFF would be WK4FFF920001.

(4) Date Deficiency Discovered. Calendar date, for example 10 Oct 92.

(6) Nomenclature. Put in the name of the computer software if available, e.g., PDB–2 initialization software.

(9) Serial/Lot/Batch Number. Enter the build number of the software being used.

(16) Deficient Item Works On/With:

(16a) End Item.

(1) Show type of end item and the model/series of the hardware that the computer software is used on (for example, PATRIOT missile system, ECS).

(2) Leave blank.

(22) Details. Put in the following information. If you need more space,

use a continuation sheet. Be sure to put the Report Control Number (block 3) on the continuation sheet.

(a) Failure Detected During. Show when the failure was found. That is, during scheduled maintenance, test, storage, normal operation, inspection, or handling.

(b) First Indication of Trouble. Tell about the conditions present when the first sign of trouble was noticed. That is, stopped working, did not perform as needed, false targets, etc.

(c) Circumstances Prior to Difficulty. Put in all the details of what was happening before the trouble started. Include the hardware configuration/set up. These details will help the investigator. Be sure to tell about any modifications directly related to the problem. Any other information you think might help the investigator should also be given here. Attach hard copy printout or other information when possible. Classified information may be kept by originators as exhibits. No classified information may be entered on the SF 368 or mailed with it.

(d) Description of Difficulty. Write a thorough description of the problem including the effects on the user, mission, or equipment.

(e) Cause. Outline the most likely cause of the problem or need for improvement.

(f) Action Taken. Give a short summary of what you did to correct the problem. List exhibit information, i.e., exhibit held, destroyed, or turned into supply.

(g) Recommendations. Give any suggestions to help stop problems, improve the equipment, or change instructions.

(23) Location of Deficient Materiel. Enter the unit name, location, and ZIP Code or APO number where the deficient materiel is located.

Note: Sketches and pictures should be attached as needed to explain the condition or equipment improvement, especially when exhibits are not available.

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLAS				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMT	CIC	ORIG MSG IDENT
	DATE	TIME	MONTH	YR	ACT					
01 of 03			NOV	92	PP	PP	UUUU			
BOOK NO	MESSAGE HANDLING INSTRUCTIONS									
NO										
<p>FROM: CO A TRIP B/1 ARM CAV FT KNOX KY//</p> <p>TO: CDRATCOM ST LOUIS MO//AMSAT-I-MDO//</p> <p>INFO CDRAMC ALEXANDRIA VA//AMCQA-P//</p> <p>UNCLAS</p> <p>SUBJ: CATEGORY I EIR - HYDRAULIC CONTROL PUMP</p> <p>1. POINT OF CONTACT FOR ADDITIONAL INFORMATION IS RAY BOSS, CPT, FC, DSN 464-4321, WK4FFF.</p> <p>2. N/A</p> <p>3. WK4FFF840001</p> <p>4. 13 NOV 92</p> <p>5. 1650-00-295-4672</p> <p>6. IMPELLER, PUMP, HYDRAULIC</p> <p>7. XYZ CORP, RICHMOND, VA</p> <p>A. CXZ-497</p> <p>B. ZYZ CORPORATION, RICHMOND, VA</p> <p>8. N/A</p> <p>9. 693-486</p>										
DISTR										
DRAFTER TYPED NAME TITLE OFFICE SYMBOL PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME TITLE OFFICE SYMBOL AND PHONE										
RELEASEE	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	

6
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2
1
0

DD FORM 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE
S/N D102 LP 000-1796

*U.S. GPO: 1990-254-363

Figure 11-3. Sample of category I SF 368 Message Format

JOINT MESSAGE FORM						SECURITY CLASSIFICATION UNCLASSIFIED				
PAGE 2 OF 3	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG/MSG IDENT
	DATE-TIME	MONTH	YR	ACT	INFO					
BOOK										
MESSAGE HANDLING INSTRUCTIONS										
<p>10. DAAD-05-C-69 FROM: A. UNK TO: B. W220PLN63620302 C. UNK</p> <p>11. OVERHAULED</p> <p>12. UNK</p> <p>13. 459 IRS</p> <p>14. YES</p> <p>15. TWO (2) A. TWO (2) B. TWO (2) C. ONE (1) D. TWO (2)</p> <p>16. A. (1) TANK M60, NSN 2350-00-116-9765 B. NHA (1) 3110-00-647-5303 (2) PUMP, HYDRAULIC CONTROL (3) N/A</p>										
DISTR										
DRAFTER TYPED NAME, TITLE OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	

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5
4
3
2
1
0

DD FORM 173/3 (OCR) 1 MAR 79 PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980 S/N 010911 F-800-1730 © U.S. G.P.O. 1984-447-616

Figure 11-3. Sample of category I SF 368 Message Format—Continued

JOINT MESSAGE FORM				SECURITY CLASSIFICATION						
				UNCLASSIFIED						
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LAF	CIC	ORGANIS IDENT
	DATE-TIME	MONTH	YR	ACT	INFO					
3	3									
OF										
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>(4) FROM: 14216</p> <p>17. 850 TO:</p> <p>18. UNK</p> <p>19. UNK</p> <p>20. F</p> <p>21. 55</p> <p>22. A. 0</p> <p>B. INSPECTION</p> <p>C. NOISY</p> <p>D. TM 9-2320-228-24P, 26 JAN 71, PG 136, FIG 62</p> <p>F. N/A</p> <p>G. IMPELLER SEPARATED DURING ENGINE RUN UP.</p> <p>H. UNK</p> <p>(.) REPLACED PUMP. EXHIBITS WILL BE HELD. SF 368 WILL BE SUBMITTED WITH PHOTOS.</p> <p>(I) NONE</p> <p>23. CO A T B/1 CAV FT KNOX KY</p>										
DISTR.										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER TYPED NAME, TITLE, OFFICE SYMBOL, AND PHONE										
SIGNATURE						SECURITY CLASSIFICATION		DATE TIME GROUP		

Figure 11-3. Sample of category I SF 368 Message Format—Continued

Legend for Figure 11-3:

Completion instructions for Category I SF 368 Report Message Format

From (your unit): Put in unit, location.

Info: As needed.

Subject Category I EIR (Equipment description).

(1) Point of Contact. Name and Duty Phone (to include DSN or FTS and Commercial numbers). Put in the name of the person to be reached for more information and/or to ask for an exhibit/sample.

(2) Put In N/A.

(3) Report Control Number. Put in the DODAAC of your unit (6 places), followed by the calendar year (2 places). Then give the number of SFs 368 you have sent in during the calendar year (4 places). For example, the first SF 368 for 1993 sent in by a unit with DODAAC WK4FFF would be WK4FFF930001.

(4) Date Defect Found. Calendar date.

(5) National Stock Number. Put in the NSN of the bad item.

(6) Nomenclature. Enter the name of the bad component/ item.

(7) Manufacturer/City/State. Put in the name of the manufacturer, contractor, or Government unit that made or repaired the bad item, if you know it, as well as the city and state.

a. Manufacturer's Code. Put in the code of the manufacturer, contractor, or Government unit that made or repaired the bad item.

b. Shipper/City/State. Put in the name of the shipper, as well as the city and state.

(8) Manufacturer's Part Number. Put in the manufacturer's part number, if it's available. Put N/A if an NSN has been assigned to the item.

(9) Serial/Lot/Batch Number. If known, put in the serial, lot, or batch number of the bad item(s). Use lot numbers for ammunition items since serial numbers do not apply.

(10a) Contract Number. Give the contract number.

a. Purchase Order Number. Give the purchase order number.

b. Requisition Number. Give the requisition number.

c. GBL Number. Give the GBL number.

(11) **Item Is Now or Repaired/Overhauled.** Note if the materiel is new, has been repaired, or overhauled.

(12) **Date Received, Manufactured Repaired, or Overhauled.** Give the date received, manufactured, repaired, or last overhaul date if known.

(13) **Operating Time at Failure.** Tell how long equipment has been run when the problem was found. That is, how many miles, cycles, hours, or EFC rounds were on the equipment or components. For vehicles bought by GSA, put in the date the vehicle was first used.

(14) **Government Furnished Materiel.** Enter "NO." Only contractors enter "YES."

(15) **Quantity.** Put in the total number of each item, not the unit of issue. That is, give the actual number of items being reported, no matter what the unit of issue is.

a. *Received.* Put in the total of items in the lot or batch in which the bad item was found, if you know it.

b. *Inspected.* Put in the number of items looked at.

c. *Deficient.* Put in the number of items found to be bad after the inspection.

d. *In Stock.* Put in the number of items in stock, if you know it.

(16) **Deficient Items Works On/With:**

a. *End Item.* Show type/model/series of the end item or commodity that the bad item is used with (for example, M16A1 Rifle or 105mm Howitzer M102). Show the serial number of the end item, if you have it. List the NSN.

b. *Higher Assembly.* If the bad item is part of a next higher assembly (NHA), put in the NHA:

(1) NSN.

(2) Name.

(3) Part Number.

(4) *Serial Number.* Lot numbers are used for ammunition items since serial numbers do not apply.

(17) **Unit Cost.** Put in the dollar value of the bad item, if you know it. Use the AMDF price. List the unit price of one item.

(18) **Estimated Repair Cost.** Put in the estimated cost (including overhead) to fix all of the bad items listed. You can find this cost by multiplying the cost to fix one bad item times the number of bad items. If you know the actual cost, enter that.

(19) **Item under Warranty.** Enter "YES" if the item is under warranty. Put the expiration date of the warranty in parenthesis; e.g., (1993). Put "NO" if it's not. Put "UNK", if you don't know.

(20) **Work Unit Code/EIC.** Put in the code for the maintenance unit doing the maintenance:

O—Unit.

F—Direct Support (DS).

H—General Support (GS).

D—Depot.

L—Special Repair Activity.

(21) **Action/Disposition.** List the type of action being done or asked for. If an exhibit is held, show the number of days (at least 55) it will be held. If none of the items show the action done or asked for, list "other" and show the type of action in item 22.

(22) **Details.** Give the following information.

a. *Utilization Code.* Put in the proper utilization code from Table B-6. For vehicles in administrative use, use code "V".

b. *Failure Detected During.* Show when the problem was found (for example, during scheduled maintenance, test, storage, normal operation, inspection, or handling).

c. *First Sign of Trouble.* Describe the conditions when the first sign of trouble was noticed. That is, stopped working, got too hot or noisy, lost adjustments, didn't perform as needed, didn't hold frequency, etc.

d. *TM Number.* To help identify the item, list TM number, date, and latest change number. Also, list the TM page, figure, and item number.

e. *Circumstances Prior to Difficulty.* Put in all the details of what was happening before the equipment failed. These details will help the investigators. Be sure to tell if any modifications are directly related to the problem. Any other information you think might help the investigator should also be given.

f. *Description of Difficulty.* Give a brief, but thorough description of the problem.

g. *Cause.* Outline the most likely cause of the problem.

h. *Action Taken.* Give a short summary of what you did to correct the problem. If an item is fixed and put back in service, describe the repair. List exhibit information: exhibit held, destroyed, pictures or drawings made, or item turned into supply.

i. *Recommendations.* Give any suggestions to improve equipment, stop future failures, improve design, and modify or revise instructions.

Note: If an SIF 368 is sent in as a result of an accident or is safety related, note in block 22 if a DA Form 285 (U.S. Army Accident Investigation Report) has been sent in and give the date it was sent.

(23) **Location of Deficient Materiel.** Enter the unit name, location, and ZIP Code or APO number where the deficient materiel is located.

WARNING: Unauthorized persons removing, defacing, or destroying this tag may be subject to a fine of not more than \$1,000 or imprisonment for not more than one year or both. (18 USC 1361)	NSN, PART NO. AND ITEM DESCRIPTION		SUSPENDED TAG-MATERIEL		
	2920-00-909-2483 ALTERNATOR				
	SERIAL NUMBER/LOT NO.		NEXT INSPECTION DUE		CONDITION CODE
	639-486				L
	CONTRACT OR PURCHASE ORDER NO.		INSPECTION ACTIVITY		REASON OR AUTHORITY
	DARD-05-C-68KK		H 0105 SPT BN FTKND		QDR
UNIT OF ISSUE		QUANTITY		INSPECTOR'S NAME OR STAMP AND DATE	
EM		271			
REMARKS					

Figure 11-4. Sample of a completed DD Form 1575, Suspended Tag – Materiel

Legend for Figure 11-4:

Completion instructions for DD Form 1575, Suspended Tag-Materiel

NSN, Part No, and Item Description. Enter the NSN, part number, type, model, series, and item name.

Next Inspection Due. Leave blank.

Condition Code. Enter "L".

Inspection Activity. Enter the unit's name or UIC of the activity that is preparing the ODR/EIR.

Reason or Authority. Enter "QDR/EIR Exhibit".

Serial Number/Lot No. Enter the item's serial number. If the item is bulk (e.g., cord, webbing, rubber, etc.), enter the lot number.

Unit of Issue. Enter the unit of issue; e.g., each (ea), gross (gr), dozen (dz), etc.

Contract or Purchase Order No. If known, enter the contract number or the purchase order number. Contract number can be found on item data plate. If you cannot find it, enter "UNK".

Quantity. Enter the quantity of the item.

Inspector's Name or Stamp and Date. Leave blank.

Remarks. Comment as appropriate.

MATERIEL DEFICIENCY EXHIBIT			
1. REPORT CONTROL NUMBER W 22-PLM 87A002	2. DATE 10 OCT 86	3. ORIGINATING ACTIVITY H 0 105 SPT BN FTKNOX 40121	
4. NSN 2920-00-909-3393	5. PART NO.	6. SERIAL NO. 639-486	
7. REMARKS (Continue on reverse, if necessary)		8. ITEM DESCRIPTION ALTERNATOR	
		9. NAME MAX PODREA	10. PHONE 6571559

DD Form 2332 84 MAY ☆ GPO 1988-219-443

MATERIEL DEFICIENCY EXHIBIT	
11. DATE EXHIBIT RELEASED 86-09-10	12. EXHIBIT RELEASED TO
7. REMARKS (Continued)	

DD Form 2332 Reverse, 84 MAY

Figure 11-5. Sample of a completed DD Form 2332, Materiel Deficiency Exhibit

Legend for Figure 11-5:

Completion instructions for DD Form 2332, Materiel Deficiency Exhibit Note. Use only blue or black pen or typewriter.

1. Report Control Number. Enter the Deficiency Report's report control number obtained from block 3 of the original SF 368.

2. Date. Enter the calendar date (yr/mo/day) when the exhibit was prepared for shipment.

3. Originating Activity. Enter the name and address of the activity that prepared the QDR/EIR.

4. NSN. Enter the NSN for the exhibit. (Same as block 5 of the original SF 368).

5. Part No. Enter the part number of the item. (Same as block 8 of the original SF 368).

6. Serial No. Enter the serial number of the item. (Same as block 9 of the original SF 368).

7. Remarks. (Continue on reverse, if necessary.) Fill in any pertinent information that will aid the shipper and the receiver of the exhibit with the disposition of the item. Include how the item is being shipped; i.e., commercial, or through the Army supply system.

8. Item Description. Provide item name, LIN of end item, and a brief description of the item.

9. Name. Enter the name of the person completing the form.

10. Phone. Enter the phone number (commercial/DSN) of the person completing this form.

11. Date Exhibit Released. Enter date (yr/mo/day) the exhibit was released to the shipper.

12. Exhibit Released to. Enter the name, address, and phone number (DSN/Commercial) of the person and/or company that will ship the exhibit.

Chapter 12 Unit Level Logistics System (ULLS) User Procedures

12-1. General ULLS Information

a. ULLS is the Army's Unit Level Logistics System. ULLS collects maintenance and supply data and provides management information at the unit level.

b. ULLS automates/replaces portions of TAMMS. The following DA/DD Forms have been automated and the ULLS generated printouts (shown with a -E) are authorized replacements:

(1) DA Form 5823 (Equipment Identification Card). DA Form 5823 is not required if you are operating with ULLS; this information is on the dispatch printout.

(2) DD Form 1970 (Motor Equipment Utilization Record) (DA Form 5987-E, Motor Equipment Utilization Record (Automated)).

(3) DA Form 2401 (Organizational Control Record for Equipment) (DA Form 5982-E, Dispatch Control Log (Automated)).

(4) DD Form 314 (Preventive Maintenance Schedule and Record) (Front side Only) (DA Form 5986-E, Preventive Maintenance Schedule and Record (Automated)).

Note. The DA Form 2406 (Materiel Condition Status Report) and backside of the DD Form 314 will be automated upon the completion of the Army Materiel Status System (AMSS) module, which is scheduled to be included in Software Change Proposal (SCP) 05.

(5) DA Form 2404 (Equipment Inspection and Maintenance Worksheet) (DA Form 5988-E, Equipment Inspection/Maintenance Worksheet (Automated)).

(6) DA Form 2405 (Maintenance Request Register) (DA Form 5989-E, Maintenance Request Register (Automated)).

(7) DA Form 2407 (Maintenance Request) (DA Form 5990-E, Maintenance Request (Automated)).

(8) DA Form 2408-14 (Uncorrected Fault Record). This form was eliminated by including all its information on the DA Form 5988-E (Equipment Inspection and Maintenance Worksheet).

(9) DD Form 2026 (Oil Analysis Request) (DA Form 5991-E, Oil Analysis Request (Automated)).

(10) DA Form 2408-9 (Equipment Control Record) (Usage only) (DA FORM 5992-E, Equipment Usage Request (Automated)).

Note. Transfers, Gains & Losses are done at the property book level.

(11) DA Form 348 (Equipment Operator Qualification Record) (DA Form 5983, Equipment Operator Qualification Record (Automated) and 5983-1-E, Operator's Qualification Record (Automated)).

(12) Optional Form 346 (U.S. Government Motor Vehicle Operator's Identification Card) (DA Form 5984-E, Operator's Permit Record (Automated)).

(13) SF Form 46 (Operator's Identification Card) (DA Form 5984-E)

c. The forms and records produced and recorded in ULLS will be maintained by all units, organizations, and activities who operate self-powered vehicles, towed vehicles, and stationary equipment. The local commander may also require weapons and non serial numbered items to be maintained on this system.

d. Units operating under ULLS will use printouts or automated reports in place of the manual forms prescribed in other chapters. However, units that are not automated will maintain manual forms as required by chapters 2, 3, 4, 5, 9, 11, and appendix E.

Note. The automated processes in ULLS supersede all manual procedures. In cases that there is a conflict on form disposition between DA Pam 738-750 and the user manual, DA Pam 738-750 will take precedence.

e. There are four separate categories of maintenance processes within ULLS. This chapter contains information for—

- (1) Operational processes.
- (2) Equipment data update.
- (3) Equipment data reports.
- (4) Maintenance support.

12-2. Operational processes

Operational records and system generated reports provide the information needed to plan, manage, and control equipment. The operational processes menu contains the following functions:

a. Equipment dispatch and return. This process provides for the regular dispatch or alert dispatch of equipment and return as shown below:

(1) *Equipment dispatch.* Allows the user to dispatch equipment with option to produce the Equipment Maintenance and Inspection Worksheet. This replaces the requirement for a DD Form 1970 and DA Form 2404 (see fig 12-1).

(2) *Alert dispatch.* Provides dispatches, by DODAAC, for all equipment listed in the equipment data file as alert dispatchable (see Fig 12-2).

(3) *Equipment dispatch - returning.* This process is used when returning equipment from regular dispatch. It updates the end item, component usage, operator record, fuel usage, and dispatch control files.

b. DA Form 5988-E (Automated). This process allows user to print an Equipment Maintenance and Inspection Worksheet for each piece of equipment by DODAAC, admin number, or by FSC to facilitate PMCS and other scheduled inspections. The FSC option allows the user to select an item on file by FSC, e.g., to select only generators, enter "6115". The system will check the document control register (DCR) and maintenance fault file and print all faults and parts that have been ordered. (See figs 12-3 through 12-5.)

c. The DA Form 5988-E (Automated) (figs 12-3 through 12-5) is used at organization level to—

(1) Record faults found during an inspection. These faults include PMCS, maintenance activity inspections, diagnostic checks, and spot checks.

(2) Record marine conditions surveys of watercraft.

(3) Record the results of technical inspections on equipment. When needed, this form will show condition codes listed in AR 725-50, AR 750-1, TB, or other publications requiring the technical inspection.

(4) Collect all maintenance and services performed on vehicles that are involved in a DA approved Sample Data Collection (SDC) Plan. In addition to the requirements in this pamphlet, the applicable Field Planning Guide (FPG) will identify additional data required as mandatory entries on the PCN AWACF184 (DA Form 5988-E (Automated)).

(5) Report Battle Damage Assessment and Repair (BDAR).

d. Operators, crews, and unit maintenance personnel use the AWACF184 (DA Form 5988-E) to list faults they cannot fix and faults corrected by replacing parts.

e. Operators and crews, first-line leaders, maintenance supervisors, and commanders are equally responsible for updating ULLS with current information recorded on the form.

f. Disposition is as follows:

(1) The AWACF184, DA Form 5988-E (Automated), used for operator PMCS on an equipment will be kept in the equipment record folder or in a protective cover until it is no longer needed; for example, upon updating the ULLS system and generating a new listing.

(2) The AWACF184, DA Form 5988-E (Automated), listing faults found during an operator's or crew's PMCS, goes to the maintenance supervisor for action. Maintenance section leaders review the form prior to destruction to ensure all actions have been taken or recorded within ULLS.

(3) The DA Form 5988-E (Automated) used for scheduled services will be kept on file for quality control until next service is performed.

(4) The DA Form 5988-E (Automated) used for technical inspections will stay with the item until all maintenance is performed or the item is destroyed.

(5) Input the most serious fault that must be fixed at support maintenance to the DA Form 5990-E (Automated) and attach the worksheet to DA Form 5990-E (Automated).

(6) Faults that cannot be fixed or must be deferred will be annotated on the worksheet and updated through the maintenance fault update process.

(7) When there is an NMC deficiency on the worksheet, keep the worksheet until the deficiency has been input through maintenance fault update process or repaired. This includes the worksheet on equipment sent to support maintenance.

(8) When the DA Form 5988-E (Automated) is used to report BDAR action, mail it to Survivability/Vulnerability Information Analysis Center (SURVIAC), ATTN: AFDL/FES/CDIC, Wright Patterson AFB, OH 45333.

g. Maintenance faults provides the capability to identify maintenance faults related to a specific piece of equipment to add, change, or delete these faults as required. Faults added will be written to the appropriate maintenance files, and appear on the equipment maintenance/inspection worksheets.

h. Parts installed enables the user to install parts that have been received either by admin number or document number. Additionally, it updates the DCR.

i. Services performed enables the user to enter data on services and tests performed on the equipment. The process will update service due file, the EDF, and component data file. When services are performed, the system will automatically schedule the next service due. However, the user must calculate and enter the next special service, lube, and AOAP due date. These service types and dates are written to the dispatch printouts and listed under service due data.

j. Add/delete operator provides the user a means of adding and deleting operator records. When an operator qualification record is created, the system will utilize the data entries to dispatch vehicles to qualified operators as shown below. The system automatically calculates the operator's miles upon return of a dispatch, and maintains the operator's qualifications, restrictions, accidents, awards, and training until the record is deleted.

(1) *Add operator's qualifications.* This process will produce an Equipment Operator Qualification Record (fig 12-6). This process replaces the manual DA Form 348.

Note. The user cannot change driver license number. If an error is made, the user must delete the record and reenter it.

(2) *Delete Operator.* This process must be used if an invalid license number was input and requires changes, or if an operator transfers from the unit.

k. Modify operator record provides the means of updating an operator's record once the record has been added to the system.

12-3. Equipment data update

This process allows the user to update equipment and admin number data. User can update equipment catalog, change, NSN and serial number (SN) data for an admin number, change the admin number, and update weapon system data. The process will update the EDF and the ECF. Admin number change will update all applicable system files, such as, document control register, dispatch control file, maintenance fault file, inoperative equipment file, etc.

a. *Equipment add.* This enables the user to add equipment to the equipment data file. MCSR reportable items must be loaded individually. Commanders can determine if weapons, protective masks, kitchen equipment, etc., are to be loaded separately or grouped as like items. Nonreportable items (machine guns) that deadline weapons systems must also be loaded separately.

b. *Equipment data file update.* Provides the capability to update catalog, weapon system, and admin number data. It also allows users to change admin number, serial number, or change NSN for an admin number.

c. *Component file update.* Allows the user to add, change, or delete AOAP component data. If the engine or transmission was changed, use change component serial number option. If the engine/transmission has never been on file, use component add. If the

engine/transmission was added by mistake, then use component delete.

d. *Equipment service update.* Allows the user to add or update scheduled services or special services.

e. *Equipment delete.* This process will delete a piece of equipment by admin number. A report will automatically be generated with admin number data for the equipment just deleted.

f. *Equipment class codes.* Provides the capability for the user created class codes(UA-UZ or ZA-ZZ) to be added, changed, or deleted from the class code file. (See fig 12-7.)

12-4. Equipment data reports

Provide hard copy reports as shown below:

a. *Oil analysis request.* Allows the user to prepare a routine or special oil analysis request. This process replaces preparation of a manual DD Form 2026 (see fig 12-8.)

b. *Equipment availability.* Provides the user with an Equipment Availability Report, which displays admin number, model, noun, and status of equipment for selected unit. (See fig 12-9.)

c. *Parts received not installed.* There are two options in this process. The first is a print for admin number, and the second is a print by DODAAC. (See fig 12-2 1.)

d. *Equipment fuel usage.* This provides a monthly, quarterly, or FY fuel usage report for specific fuel types.

e. *Service schedule.* This provides a hard copy that shows the services by admin number, DODAAC, date range, or for an NSN. (This process provides an automated frontside DD Form 314). (See fig 12-10.)

f. *Non mission capable.* This process will display/print by DODAAC all non mission capable equipment (Deadline Report). (See fig 12-22.)

g. *Equipment operator/class code.* This process allows the user to print the class codes, operator qualification record (DD Form 348-E (Automated)), operator qualification by class code, or the operator's ID card(Automated SF Form 46).

h. *Equipment periodic usage.* This process provides the user with a usage report. This report will print as soon as you press enter from option number 8 of equipment data reports. (This report provides the automated DA Form 2408-9.)

Note. Transfers, gains, and losses are not included in this report.

i. *Equipment data file.* This allows the user to print major end items, components, and weapon system/subsystems, without serial number or by admin number w/components.

12-5. Maintenance support functions

These functions are necessary to provide an interface with the Standard Army Maintenance System (SAMS).

a. *Send SAMS transactions.* This process allows the user to send required inoperative maintenance and maintenance request data (via diskette) to SAMS.

b. *Maintenance request.* This produces maintenance request by admin number or without admin number with an equipment inspection maintenance worksheet. (See fig 12-11.)

c. *Manual maintenance status update.* This allows user to manually update the maintenance status on the maintenance request register. See work request status codes in table B-2 1.

d. *Automated maintenance status update.* This process automatically updates the maintenance status(via diskette) from SAMS to update equipment that is in direct support.

e. *Maintenance request register.* This will display or print the maintenance request register. (See fig 12-12.)

f. *Automated maintenance master data file.* This will update the equipment catalog file and allow the user to print the master file.

12-6. Equipment dispatch

a. Dispatching is the method by which a commander controls the use of equipment. However, allowing equipment to be used carries with it the responsibility for both the equipment and the operator's safety. The commander must make sure that dispatching procedures are understood and followed.

b. The commander appoints a responsible person to the duties of dispatcher. The person delegated as dispatcher is password controlled within ULLS. In the absence of the appointed dispatcher, additional dispatchers must be authorized in writing by the commander.

c. The dispatcher—

- (1) Fills requests for equipment to be issued or used.
- (2) Ensures the operator is registered as a licensed, qualified operator within ULLS. If the operator is not registered in ULLS, check for a valid OF 346/SF Form 46 and update ULLS, as appropriate. (See fig 12–13.)
- (3) Issues and collects the equipment record folder and the needed forms in the folder.
- (4) Ensures that the operators properly annotate required entries on the forms and printouts contained in the equipment record folder.
- (5) Makes required entries on the dispatch input screen.
- (6) Ensures equipment faults are reported to maintenance personnel.

(7) Records services performed during the dispatch (e.g., AOAP samples taken), and update ULLS accordingly.

d. The dispatch loop describes the procedures that will be followed when dispatching equipment as shown below:

(1) The operator reports to the dispatcher. For equipment needing licensed operators, the operator must be licensed to operate the equipment either within ULLS or have a valid OF 346/SF Form 46.

(2) The dispatcher gives the operator an equipment record folder with all the forms and printouts that will be needed during the mission. Both the dispatcher and operator check the dispatch for services due on equipment.

(3) The operator uses the equipment's TM to perform before-operation PMCS. Any faults that the operator finds that can be repaired at that level will be repaired. Other faults, not already recorded, will be entered on the equipment inspection/maintenance worksheet. Nontactical equipment may not have a PMCS. The operator will use a local checklist as a PMCS for that equipment. "Before" operational checks and services will be performed before the equipment leaves the motor pool or other dispatch point. "During" operational checks will be performed while the equipment is being operated. "After" operational checks and services will be performed when the equipment completes the mission or returns to the motor pool or dispatch point.

(4) If possible, the operator and/or mechanic repairs faults found on the equipment. The commander or commander's representative decides if any remaining faults will keep the equipment from being dispatched.

(5) If equipment is ready to dispatch, the dispatcher makes necessary entries in ULLS.

(6) The operator leaves with the equipment and the equipment record folder that contains all needed forms and printouts. For routine dispatch, a vehicle's folder will contain current equipment maintenance and inspection worksheet, dispatch printout, and SF Form 91 and DD Form 518.

(7) When the mission is completed, the operator performs the after operation PMCS on the equipment, and annotates new faults on the DA Form 2404. The operator and mechanic will fix any faults they can, and secure the equipment.

(8) The operator turns in the equipment record folder and all forms and printouts to the dispatcher. The dispatcher checks forms for any new faults, and updates ULLS maintenance records. The dispatch is closed using the operational processes menu, motor equipment dispatch and return.

(9) Motor transport units performing line haul operations will transfer their semitrailers to a larger organization designated by the senior motor transportation command (either group or brigade). The commander of the larger transport organization will establish a semitrailer control office that will be responsible for maintaining dispatch and maintenance records on those semitrailers.

12–7. Equipment record folder

a. The equipment record folder (NSN 7510–01–065–0166) holds

the forms needed to record equipment use, operation, and condition while on dispatch.

b. The folder is used as follows each time an item of equipment is dispatched:

(1) The folder will carry only the printouts and records needed during a dispatch.

(2) A DA Form 2408–4 will go in the folder only when the weapon is to be fired, serviced, or repaired.

(3) Place all the appropriate printouts and forms, except the DD Form 314 and DA Form 2408–9, in the folder when the equipment goes to support maintenance.

c. When equipment is turned in or transferred, the folder will accompany the equipment. The folder will contain the Acceptance DA Form 2408–9 and printouts/diskette generated from ULLS.

Note. Be sure to coordinate these actions with your support property officer before actual transfer or turn in.

12–8. DA Form 5823

The DA Form 5823 is not required if you are automated with ULLS.

12–9. Motor equipment dispatch

a. *Two types of ULLS produced dispatches.* Regular and alert are two types of ULLS produced dispatches. The motor equipment dispatch is a record of motor equipment use as shown below. It is required for all equipment being dispatched and equipment requiring operating time.

(1) The motor equipment dispatch is used to control the use of special purpose, combat, tactical, and nontactical vehicles and equipment, including material handling equipment.

(2) The motor equipment dispatch is also used to record operating time on equipment that requires services based on hours only. This includes such equipment as generators, air compressors, centrifugal pumps, etc. Operating time is the period of operation or hours of usage, using the time of day. Operating time is maintained throughout the dispatch cycle within ULLS.

(3) Equipment going to support maintenance will be dispatched to and from support maintenance. An exception to this is when the unit requesting support maintenance and the support maintenance activity are collocated so that the equipment will not leave the motor pool area or area where equipment is maintained or stored. In this case, only a maintenance request needs to accompany the equipment. At support maintenance, the maintenance request will be used as a dispatch record for maintenance repair operations and final road testing.

(4) The motor equipment dispatch will be used to dispatch equipment requiring exercises because of low use or equipment in administrative storage.

(5) The option "alert dispatch" will dispatch all equipment that is coded as alert dispatchable. These dispatches will be produced in advance. The required entries (i.e., date, time, driver's name, etc.) will be entered manually by dispatcher at time of dispatch. The alert dispatch summary sheet (replaces the DA Form 2401) will be used to record the operator's name.

b. *Disposition.*

(1) Based on entries recorded in the Return Usage portion of the motor equipment dispatch, the dispatcher will update equipment/unit data; i.e., fuel added, date and time in, and any remarks. The usage data (current or estimated miles/kilometers/hours taken from the odometer or hour meter when the equipment returned from dispatch, and oil added during dispatch) will also be updated. This form is to be discarded when no longer needed.

(2) The dispatcher looks for any unusual entries in the Remarks block that may need further action.

(3) When equipment is involved in an accident or other situation under investigation, the dispatcher produces the dispatch control log. The dispatcher attaches the motor equipment dispatch for equipment to the log and maintains the forms until released by the investigator or at the completion of the investigation.

12-10. DA Form 2401

The DA Form 2401 is automated through the dispatch in and dispatch out process. (See fig 12-14.)

12-11. DA Form 2405

Units supported by ULLS, are not required to maintain a manual DA Form 2405, as it is automated within ULLS.

12-12. Maintenance request form (automated)

This form serves as a request for maintenance support. ULLS automates the DA Form 2407. Two hard copies of the DA Form 2407 are generated by ULLS for delivery with the equipment to the support maintenance activity. In addition, a diskette is produced for delivery to the Standard Army Maintenance System 1 (SAMS-1) site.

a. Use.

(1) Request support maintenance to include—

- (a) Repairs not authorized by unit level.
- (b) Application of MWOs.
- (c) Fabrication or assembly of items.

(2) Report work on DA directed items under an approved sampling plan. AR 750-1 governs this program. The specific Field Procedures Guide (FPG) identifies data elements for the forms.

(3) Initiate work requests that may become warranty claim actions.

(4) Show all maintenance done on nontactical wheeled vehicles, and tactical vehicles used as general purpose and passenger carrying vehicles. Use this form for vehicles and supported equipment when they are assigned to administrative motor pools.

(5) Request an ECOD or technical inspection to classify the serviceability/repairability of an item before turn-in for replacement.

b. Disposition.

(1) *Receipt copy (one)*. The first automated hard copy is used for accountability purposes and then destroyed when equipment is returned to the unit.

(2) *Control copy (two)*. The second automated hard copy is stapled to a blank DA Form 2407 or 2407-1 by the support activity. When the form is used for BDAR, mail this copy to the Survivability/Vulnerability Information Analysis Center (SURVIAC), AFFDL/FES/CDIC, Wright Patterson AFB, OH 45433.

(3) *Organization copy (three)*. With ULLS automation, this copy is replaced by the SAMS-1 work order (WO) Detail Report, PCN AHN-0 18, which will be printed for the ULLS unit once the work request is closed. (See fig 12-23.)

(4) *File copy (four)*. With ULLS automation, this copy is replaced by the number two “control copy” once the WO is closed. The unit will keep this copy for 90 days after the equipment is fixed. For items under a DA approved sampling plan, hold this copy as directed by the plan.

12-13. DA Form 5409 (inoperative Equipment Report (IER)) and DA Form 5410 (Unit Level Deadlining Parts Report(ULDPR))

For units supported by ULLS, data collected on these forms will be furnished SAMS on an ULLS transaction diskette (SAMS transactions).

Note. If any unit within a specific Battalion, Brigade, Division, etc., is operating on ULLS, all other assigned or attached units are restricted from submitting manual inop reporting forms; i.e., DA Form 5409 and DA Form 5410, to report deadlined equipment, or parts data unless data is reduced at the SAMS 2 (SAMS-2) site.

12-14. Nonaeronautical Equipment, Army Oil Analysis Program (AOAP)

a. Chapter 4 explains the AOAP in detail. It explains how, when, and where to sample.

b. ULLS produces an oil analysis request that is used in place of the DD Form 2026 (fig 12-8). Information input in the dispatch return process such as miles/hours since last overhaul, equipment and component usage, and oil added is automatically written to the oil analysis request. The oil used since last sample is reset to 0,

automatically, after the oil analysis request is produced. The miles/hours since oil change is reset to 0 automatically when the “oil change only” or “scheduled service and oil change only” sub option is selected from services performed option.

12-15. Historical records contained in ULLS

a. Units operating with ULLS may produce the DA Form 2408-9 Usage Report data automatically from ULLS upon request. The DA Form 2408-9 Usage Report is then carried to your local data processing center to be data reduced and sent to the Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. (See fig 12-15.)

b. To produce the ULLS Equipment Usage Report, ULLS operators must update the equipment catalog/publication information. The “Type Report Code” must contain a value of “Y” for all items identified as DA Form 2408-9 usage reportable in appendix E.

c. Usage Reports will be generated on the following dates:

- (1) As of 1 October for non-tactical vehicles.
- (2) As of 1 November for tactical vehicles.
- (3) As of 1 February and 1 August for floating craft.

d. Submit data to LOGSA, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Data may be submitted by AUTODIN, DDN E-Mail, floppy diskette, magnetic tape, or hard copy. These methods are listed in the preferred order of submission. See figure 12-16 for instructions on how to data reduce the Equipment Usage Report.

Note. If you use a word processor to produce an 80-80 floppy diskette, do not load the word processor on the same computer you operate ULLS. This will cause system problems when you go back to run ULLS.

12-16. Manager Reports

Manager Reports provide the tools necessary for commanders and supervisors to effectively manage the unit's PLL and maintenance operations. The Commanders Guide, AISM-25-L3N-AWA-ZZZ-CG, provides more detailed information on reports, internal SOP, and an ULLS checklist.

a. Excess Management Report. This report should be reviewed weekly. It provides a listing of PLL and non-stocked records that have an excess quantity on-hand or due-in. (See fig 12-17 and (1) through (3) below.)

(1) The report identifies items that are excess to unit needs and requires cancellation or turn-in.

(2) Excess may be caused by one of the following factors:

- (a) Authorized quantity was decreased and no action was taken on the excess created.
- (b) Current on-hand quantities may be in error; verify by inventory.
- (c) Parts on hand incorrectly posted as installed.
- (d) Receipts of parts on hand were not posted through ULLS.

(3) Dispose of when no longer needed or per standing operating procedures (SOP).

b. Commander's Exception Report. This report provides a listing of all requests having a high priority or extended value of \$500 or more that have been processed since the last time the Commanders Exception Report was printed. The Commander's Financial Transaction Listing (fig 12-18) must be reviewed and initialed before the daily transactions are sent to the DSU. Any request not approved can be canceled before transactions are sent to the DSU.

c. Service schedule due. This report provides a report of scheduled services due by admin number, DODAAC, date range, or NSN (see (1) and (2) below). Review this report monthly and dispose of it when no longer needed or per local SOP. (See fig 12-19, Service Schedule Due by DODAAC.)

(1) Use this report to determine which equipment requires services by admin number, DODAAC, date, or during a particular date range.

(2) To find services that are overdue, use a start date of 1 year prior to the current date and use the current date as the end date. The process will list all services not performed for the past year.

d. PLL Inventory Report. This report provides a listing in location sequence of all PLL lines and any NSN records with an

on-hand quantity to aid in performing inventories. (See fig 12-20 and (1) through (3)below.)

(1) Use this report to conduct location surveys for determining PLL operations effectiveness.

(2) Use this report to determine if the on-hand quantity meets the needs of the unit.

(3) PLL Inventory Report will be kept on file until the next inventory has been completed.

12-17. The Army Materiel Status System (AMSS)

The AMSS is designed to replace all manual materiel readiness reports for ground, aviation, and missile equipment.

a. AMSS is being developed to automate the manual readiness reporting requirements listed in AR 700-138. When fielded, AMSS will replace the DA Form 2406, DA Form 1352, and the DA Form 3266-1 with a single automated readiness reporting system. It will

become the commander's link to monitoring the maintenance and supply posture of the unit.

b. AMSS will collect, compile, and report materiel readiness data at the unit and provide this information to the battalion level. The capability will exist to consolidate the "real time" readiness information received from subordinate units and will be used for the purpose of monitoring and reporting their readiness posture.

c. AMSS will accumulate NMC data and parts information for all reportable end items, systems, and subsystems and will have the capability to receive support and depot level NMC data from the SAMS-1. NMC time due to an equipment shortage (NMCE), will be included in AMSS to track reportable and nonreportable subsystems not on hand that effect reportable system NMC time. The capability of maintaining required, authorized, and on hand data will also be included in AMSS.

d. The readiness information accumulated at the battalion level will be provided to the SAMS 2 where it will then be forwarded to LOGSA.

DATE: 26-OCT-92

MOTOR EQUIPMENT DISPATCH

DA FORM 5987-E

B CO 703 INF BN
 BLDG 214 COLEMAN BKS
 MANHEIM, FRG APO NY 96217
 PHONE NUMBER: (883)212-3131

UIC: WH9980

DATE DISPATCHED: 26-OCT-92

TIME DISPATCHED: 1456

----- EQUIPMENT DATA -----

ADMIN NUM: B8 SERIAL NUM: W24BE7S2114595
 EQUIP MODEL: M884 REGISTRATION NUM: NG10YK
 EQUIP NOUN: TK CGO 1.25T EQUIP LICENSE NUM: B8
 EQUIP NSN: 2320005798985 KEY NUM: M0076H

----- SERVICE DUE DATA -----

	TYPE	DATE	MI/KM/HR
TYPE PMCS DUE:	W	28-OCT-92	M 38575
NEXT OIL ANALYSIS DUE:	Z	10-OCT-93	4800
NEXT LUBRICATION DUE:	L1	01-DEC-92	38750
NEXT SPECIAL SERVICE DUE:	L2	01-NOV-92	200

----- DISPATCH INFORMATION -----

OFFICIAL USER NAME/PHONE NUM: CPT RANDY P. CASH / 447-5761

DESTINATION: REPORT TO SDO
 EXPECTED DATE/TIME OF RETURN: 26-OCT-92 / COB OR 1730

EQUIP DISPATCHER'S SIGNATURE: Jesus Garcia
 PFC GARCIA

1ST OPERATOR'S SIGNATURE: Joseph Gynn 38418
 GYNN JOSEPH

2ND OPERATOR'S SIGNATURE: Ann Dutra
 DUTRA ANN

OFF POST AUTHORIZATION: _____

DISPATCH OUT REMARKS: 48 HR DUTY DRIVER

"EXTENDED DISPATCH"

RANDY P. CASH CA-2760x92

----- END ITEM USAGE DATA -----

EQUIPMENT NOUN	M/H/K	CURRENT READING	READING AT RETURN	FUEL USAGE (IN GALLONS)
TK CGO 1.25T	M	038375	<u>039570</u>	<u>87</u>

----- COMPONENT(S) USAGE DATA -----

SERIAL NUMBER	COMPONENT NOUN	M/H/K	CURRENT READING	READING AT RETURN	OIL ADDED (IN QUARTS)
390524	ENGINE	M	390625	<u>391790</u>	<u>1</u>

Figure 12-1. Sample of ULLS generated DA Form 5987-E, Motor Equipment Dispatch

Legend for Figure 12-1:

Completion instructions for ULLS generated Motor Equipment Dispatch, DA Form 5987-E (Automated)

Note: This listing replaces the requirement to maintain DD Form 1970.

Dispatch Heading Section:

Unit address, telephone number, and UIC is retrieved from the data base; no entries required by the operator.

Date Dispatched. The date equipment is dispatched. ULLS default entry.

Time Dispatched. The military time equipment is dispatched. ULLS default entry.

Equipment Data Section.

Admin number, equipment model number, equipment noun, equipment national stock number (NSN), equipment serial number, registration number, equipment license number, and key number will be retrieved from equipment data file; no entries from operator/crew chief needed in these areas.

Service Due Data Section:

Information in this section is retrieved from the ULLS data base; no entries required by the operator. Operator/ supervisor will review this section and take appropriate actions as required.

Dispatch Information Section:

Official User Name/Phone Number. The operator requesting the dispatch will provide the last name, first name, middle initial, rank/grade, and telephone number to the dispatcher. Dispatcher enters the name of the person to whom the operator is to report (official user). This person will be responsible for the equipment when in use.

Destination. The dispatcher will enter into the ULLS system the major operating point of dispatch.

Expected Date/Time of Return.

a. Dispatcher will enter close of business (COB) or the actual time the user expects to return with the equipment. b. The operator will ensure he reviews the expected date/time of return. If equipment cannot be returned due to mission, operator will notify the official user who will request an extended dispatch.

Equipment Dispatcher Signature. The dispatcher will sign their name.

First Operator's Signature. The operator will sign their name. If you change operators while the vehicle is dispatched, annotate the hours/miles/kilometers on the equipment to the right of the operator's signature. **Second Operator's Signature.**

a. This line will be used if you change operators while the equipment is on dispatch. This normally happens when an operator becomes sick, overly tired, etc. (e.g., during convoy operations).

b. The operator will sign their name.

Note: If there was more than one operator while the vehicle was dispatched, the dispatcher will ensure that each operator's Qualification Record is updated appropriately.

Off Post Authorization. The commander or the commander's designated representative will sign and enter rank if off post travel is authorized.

Dispatch Out Remarks.

a. The dispatcher will enter all towed equipment by the prime mover.

b. If equipment was extended the operator will write the words "EXTENDED DISPATCH", the name and rank/grade of the person authorizing the extension, and expected date of return.

c. The official user or the commander's designated representative will sign and enter rank when operator is released or mission is completed.

End Item Usage Data Section:

a. Equipment Noun, Miles /Hours/ Kilometers and Current Reading are ULLS generated entries.

(1) *M/H/K.* This displays how equipment is tracked, either by Miles/Hours/ Kilometers.

(2) *Current Reading.* Displays the reading of previous block, in M/H/K, prior to dispatch.

b. *Reading at Return.* This is entered by operator at time of return.

c. *Fuel Usage.* The operator enters the amount of fuel in gallons added while the equipment was on dispatch.

Component(s) Usage Data Section:

a. Component's Serial Number, Noun, M/H/K, and Current Reading are ULLS generated entries.

b. Reading at Return. The operator enters reading when the equipment is returned. If the M/H/K meter is broken or missing, estimate the M/H/K used on equipment.

c. Oil Added. The operator enters the amount of oil in quarts added while the equipment was on dispatch.

A - L - E - R - T

DA FORM 5987-E

DATE: 26-OCT-92

MOTOR EQUIPMENT DISPATCH

B CO 703 INF BN
 BLDG 214 COLEMAN BKS
 MANHEIM, FRG APO NY 96217

UIC: WH9980

PHONE NUMBER: (883)212-3131

DATE DISPATCHED: --- --- TIME DISPATCHED: ----

----- EQUIPMENT DATA -----

ADMIN NUM: B8
 EQUIP MODEL: M884
 EQUIP NOUN: TK CGO 1.25T
 EQUIP NSN: 2320005798985

SERIAL NUM: W248E7S2114696
 REGISTRATION NUM: NG10YK
 EQUIP LICENSE NUM: B8
 KEY NUM: M0076H

----- DISPATCH INFORMATION -----

OFFICIAL USER NAME/PHONE NUM: CPT RANDY P. CASH / 447-5761

DESTINATION: ALERT AREA
 EXPECTED DATE/TIME OF RETURN: --- --- / COB OR ----

EQUIP DISPATCHER'S SIGNATURE: _____
PFC DOOLEY

1ST OPERATOR'S SIGNATURE: _____

2ND OPERATOR'S SIGNATURE: _____

OFF POST AUTHORIZATION: _____

DISPATCH OUT REMARKS:

----- END ITEM USAGE DATA -----

EQUIPMENT NOUN	M/H/K	CURRENT READING	READING AT RETURN	FUEL USAGE (IN GALLONS)
TK CGO 1.25T	M	-----	_____	_____

----- COMPONENT(S) USAGE DATA -----

SERIAL NUMBER	COMPONENT NOUN	M/H/K	CURRENT READING	READING AT RETURN	OIL ADDED (IN QUARTS)
390524	ENGINE	M	-----	_____	_____

Figure 12-2. Sample of an ULLS generated DA Form 5987-E, Motor Equipment Dispatch (Alert)

Legend for Figure 12-2:

Note: (Recommend preprinting the Alert Dispatch, filing the alert dispatch forms in dispatch area, and/or when/if alert is called, distribute forms IAW unit SOP.) The Alert Dispatch Summary Sheet printed at the end of the Alert Dispatch forms may be used as a Dispatch Control Log for the alert dispatches.

DATE: 26-APR-93

EQUIPMENT MAINTENANCE AND INSPECTION WORKSHEET

DA FORM 5988-E

WK4WRC

B CO, 703 INF 8N

EQUIPMENT DATA

ADMIN NUM: 812
 EQUIP MODEL: M998
 EQUIP NOUN: TRK UTL CGO 1.25T 4X4
 EQUIP NSN: 2320011077155

EQUIP SERIAL NUM: 050493
 REGISTRATION NUM: NG38NA
 TYPE INSPECTION: W
 CURRENT READING: M 010987

NUMBER
 PUBLICATION: TM 9-2320-280-10
 PUBLICATION: TM 9-2320-280-10-HR

DATE CHANGE NUMBER
 06/91 02
 05/88 00

SIGNATURE: *Ed James Sr* TIME: _____ SIGNATURE: *Val Emmett SSG* TIME: _____

PARTS REQUESTED

FAULT	DOC NUM	NIIN	QTY DUE/REC	STATUS DATE	DATE COMP	PRI	DLC
0001	3116 0001	000785961	00002 -----		0	13	N
0002	3116 0002	000000001	00001 -----		0	13	N

MAINTENANCE FAULTS

ITEM NUM	FAULT DATE	FAULT STATUS	FAULT DESCRIPTION	CORRECTIVE ACTION	INITIALS
0001	26-APR-93	/	WON'T START	ELECTRICAL	
0002	26-APR-93	X	CLUTCH SLIPPING	ADJUST	
0003	26-APR-93	X	EXHAUST MANIFOLD LEAKING	REPLACE PACKING	
			<i>27 APR 93</i>	<i>W</i>	<i>JDW</i>
			<i>28 APR 93</i>		<i>JDW</i>
			<i>29 APR 93</i>		<i>JDW</i>
<i>⑥</i>	<i>30 APR 93</i>	<i>X</i>	<i>ENGINE IDLES AT 800 RPM</i>		

Figure 12-3. Sample of an ULLS generated DA Form 5988-E, Equipment Maintenance and Inspection Worksheet(for operator/crew PMCS)

DATE: 26-APR-93

EQUIPMENT MAINTENANCE AND
INSPECTION WORKSHEET

DA FORM 5988-E

WK4WRC

B CO, 703 INF BN

----- EQUIPMENT DATA -----

ADMIN NUM: 812
 EQUIP MODEL: M998
 EQUIP NOUN: TRK UTL C60 1.25T 4X4
 EQUIP NSN: 2320011077155

EQUIP SERIAL NUM: 050493
 REGISTRATION NUM: N638NA
 TYPE INSPECTION: W
 CURRENT READING: M 010987

NUMBER
 PUBLICATION: TM 9-2320-280-10
 PUBLICATION: TM 9-2320-280-10-HR

DATE CHANGE NUMBER
 06/91 02
 05/88 00

SIGNATURE: Jim Jones SA TIME: _____ SIGNATURE: Mike Post LT TIME: _____

----- PARTS REQUESTED -----

FAULT	DOC NUM	NIIN	QTY DUE/REC	STATUS DATE	DATE COMP	PRI	DLC
0001	3116 0001	000785961	00002 ----		0	13	N
0002	3116 0002	000000001	00001 ----		0	13	N

----- MAINTENANCE FAULTS -----

ITEM NUM	FAULT DATE	FAULT STATUS	FAULT DESCRIPTION	CORRECTIVE ACTION	INITIALS
0001	26-APR-93	/	WON'T START	ELECTRICAL	
0002	26-APR-93	X	CLUTCH SLIPPING	ADJUST	
0003	26-APR-93	X	EXHAUST MANIFOLD LEAKING	REPLACE PACKING	
			<u>27 APR 93</u>		<u>JDW</u>
<u>(59)</u>	<u>28 APR 93</u>	<u>(X)</u>	<u>TRANSFER WILL NOT</u>		
			<u>SHIFT TO LOW</u>	<u>CLEARED FOR</u>	
				<u>LIMITED OPERATION</u>	
				<u>TO TRANSFER</u>	
				<u>VEHICLE TO SUPPORT</u>	
				<u>MAINTENANCE ON</u>	
				<u>28 APR 93</u>	<u>MJP</u>
<u>(59)</u>	<u>28 APR 93</u>	<u>X</u>	<u>TRANSFER WILL NOT</u>		
			<u>SHIFT TO LOW</u>		

Figure 12-4. Sample of an ULLS generated DA Form 5988-E, Equipment Maintenance and Inspection Worksheet (for changing an "X" condition)

Legend for Figure 12-4:

Completion instructions for ULLS generated Equipment Maintenance and Inspection Worksheet, DA Form 5988-E (Automated) (used for operator/crew PMCS and changing an "X" condition).

Equipment Data Section:

a. Admin number, Equipment Model, Equipment Noun, Equipment

National Stock Number (NSN), Equipment Serial Number, Registration Number, Type Inspection, and the Publication Numbers (with changes) will be retrieved from the equipment data file. No entries from the operator/crew chief are needed in these areas.

b. The operator/crew chief must ensure that data contained in these areas are correct prior to pulling PMCS. If any fields are not current,

notify the ULLS operator so he/she can update the data fields through the ULLS Menu process. For more information about these data fields, refer to the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

Type Inspection.

Operator/crew chief requests the ULLS operator to print an Equipment Maintenance and Inspection Worksheet with the type inspection to be performed. See ULLS End User Manual or chapter 3 of this pamphlet for an explanation of these symbols.

(1) Use the same worksheet for more than 1 day. If you find no faults during the BEFORE OPERATION checks in the PMCS, write the calendar date under the fault description column. If no faults are found DURING or AFTER OPERATION CHECKS, put your initials in the initial column.

(2) When no faults are found, this worksheet can be used for more than 1 day even if the worksheet was used for concurrent PMCSs; that is, W/M. Just place the first letter of the type of PMCS performed (W/M) under the corrective action column by that day's date in the fault description column.

Signature.

When a deficiency or shortcoming is found, the operator or supervisor signs and enters rank. A signature in this block keeps the form from being used past current dispatch.

Time. Leave blank or use as needed locally.

Signature (For figure 12-3). Operator's supervisor will sign and enter rank when a fault is found on the PMCS.

Time. Leave blank or use as needed locally.

Signature (For figure 12-4). The commander or the commander's designated representative will sign name and enter rank when making a status symbol change or changing from an X to a circled X status symbol for one time operation.

Time. Leave blank or use as needed locally. For missile system/subsystem reported under AR 700-138, enter the time when you find a deficiency.

Parts Requested Section:

The system will check the Document Control Register (DCR) and print any parts that have been ordered against the admin number on the worksheet. Operator/crew chiefs and supervisors will review this section and take appropriate action as required. For more information about this section, see the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

Fault. Shows the fault number for which the part is requested.

Doc Number. The document number under which the required part has been ordered.

NIIN. National Item Identification Number.

QTY Due. Due-in quantity for the part on order.

QTY Rec. The quantity received.

Status Date. Shows date of status code.

Date Comp. The date that all parts were received for document number listed or transaction closed.

PRI. The priority for item ordered.

DLC. Deadline code. "D" if deadlined; "N" if not deadlined.

Maintenance Faults Section:

Item Num.

a. Write the PMCS item number that applies to the fault listed in this column. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if fault is listed in the "Equipment is not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks

that may not be in the PMCS. Those faults will not be counted as NIVIC for Materiel Condition Status Report reporting unless they are in the PMCS "not ready" column or the not mission capable column. But, you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

Fault Date. Enter the calendar date the deficiency or shortcoming was found.

Fault Status (Figure 12-3). Enter the status symbol that applies to the fault or deficiency.

Fault Status (Figure 12-4). Repair of status symbol X faults cannot be postponed or delayed, but they may be changed to circle X status symbol for limited operation. The commander or the commander's designated representative may change an X status symbol fault to a circle X status symbol. Changing of status symbols should only be done when the equipment is crucial to the mission. No X status symbol faults will be changed to a circle X if it endangers the operator/crew or may cause further damage to the equipment. Circle X conditions will be for one time operation or mission (common sense must be used).

Fault Description.

a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired or already listed on the worksheet. Continue the PMCS to make sure no other faults exist.

b. Briefly describe fault. Skip one or two lines between faults. This will give maintenance room to note actions they take.

c. When more than one TM covers the equipment, draw a line under the last entry for one TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.

Corrective Action (Figure 12-3). Explain corrective actions taken.

Corrective Action (Figure 12-4).

a. Print "Cleared for Limited Operations." Provide the specific limits under which equipment can be operated. For example, limits may involve speed, type of mission, distance, weather, or time. The change may affect a subsystem of a system listed in AR 700-138. If so, make sure limits include that part of the mission the system can no longer do.

b. Deficiencies changed to a circle X will return to an X status symbol at the end of the day or mission.

c. Equipment cleared for limited operations will still be carried as NMC for the Materiel Condition Status Reporting.

d. When a deficiency is corrected or changed to a circle X, enter the miles and calendar date in the corrective action column at the end of the dispatch or operation.

Initials (Figure 12-3). The mechanic initials any faults that have been fixed. The mechanic gives it back to maintenance supervisor. Maintenance supervisor will review the faults corrected and those still not fixed to decide what other action is needed. For quality control, the inspector or a designated representative will check all corrected status symbol X faults. The inspector will then initial the status symbol.

Initials (Figure 12-4).

a. The maintenance supervisor or the commander's designated representative initials for limited operations entries.

b. The person taking the action or transferring the document/NSN initials other entries.

c. The initials will go on the last line of entry.

DATE: 26-APR-93

EQUIPMENT MAINTENANCE AND INSPECTION WORKSHEET

DA FORM 5988-E

WK4WRC

8 CO, 703 INF BN

EQUIPMENT DATA

ADMIN NUM: 812
 EQUIP MODEL: M998
 EQUIP NOUN: TRK UTL CGO 1.25T 4X4
 EQUIP NSN: 2320011077155

EQUIP SERIAL NUM: 050493
 REGISTRATION NUM: N638NA
 TYPE INSPECTION: W
 CURRENT READING: M 010987

PUBLICATION: TM 9-2320-280-10
 PUBLICATION: TM 9-2320-280-10-HR

NUMBER DATE CHANGE NUMBER
 06/91 02
 05/88 00

SIGNATURE: *Sid Jones SP* TIME: _____

SIGNATURE: *Val Emmett SSO* TIME: _____

PARTS REQUESTED

FAULT	DOC NUM	NIIN	QTY DUE/REC	STATUS DATE	DATE COMP	PRI	DLC
0001	3116 0001	000785961	00002 -----			0 13	N
0002	3116 0002	000000001	00001 -----			0 13	N

MAINTENANCE FAULTS

ITEM NUM	FAULT DATE	FAULT STATUS	FAULT DESCRIPTION	CORRECTIVE ACTION	INITIALS
0001	26-APR-93	/	WON'T START	ELECTRICAL	
0002	26-APR-93	X	CLUTCH SLIPPING	ADJUST	
0003	26-APR-93	X	EXHAUST MANIFOLD LEAKING	REPLACE PACKING	
8		/	CLASS II LEAK AT REAR DIFF.	TORQUED BELTS TO 35 LB FT. CHECKED FLUID LEVEL	<i>R.J.</i>
9		/	REAR SHOCK BUSHINGS STARTING TO DRY ROT	2310-01-561-10B3 4 EA	

Figure 12-5. Sample of an ULLS generated DA Form 5988-E, Equipment Maintenance and Inspection Worksheet (for maintenance services and inspections)

Legend for Figure 12-5:
 Completion instructions for ULLS generated Equipment Maintenance and Inspection Worksheet, DA Form 5988-E (Automated) (used for maintenance services and inspections)
 Equipment Data Section:

a. Admin number, Equipment Model, Equipment Noun, Equipment National Stock Number (NSN), Equipment Serial Number, Registration Number, Type Inspection, and the Publication Numbers (with changes) will be retrieved from the equipment data file. No entries from the operator/supervisor are needed in these areas.

b. The person performing the service or inspection will review the data fields prior to ensure information listed on the worksheet is correct. If any fields are incorrect, pencil in the correct data and give to the ULLS operator. The OLLS operator will update data fields using the ULLS Menu process. For more information about these data fields, refer to the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

Type Inspection. The person performing the service or inspection will request a worksheet with the type of inspection or service to be performed. See ULLS End User Manual or Chapter 3 of this pamphlet for explanation of these symbols.

Note: A continuation sheet may be needed to perform the inspection or service. The ULLS has this option available.

Signature. The person performing service/inspection signs and enters rank after inspection is completed.

Time. Leave blank or use as needed locally.

Signature. The maintenance supervisor or designated representative signs name and enters rank after service/inspection is completed and parts have been ordered.

Time. Leave blank or use as needed locally. For missile system/subsystem reported under AR 700-138, enter the time when you find a deficiency.

Part Requested Section: The system will check the document control register (DCR) and print any parts that have been ordered against the admin number on the worksheet. Maintenance personnel and supervisors will review this section and take appropriate action as required. For more information about this section, see the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

Fault. Shows the fault number for which the part is requested.

Doc Number. The document number under which the required part has been ordered.

NIIN. National Item Identification Number.

QTY Due. Due-in quantity for the part on order.

QTY Rec. The quantity received.

Status Date. Shows date of status code.

Date Comp. The date the transaction was completed.

PRI. The priority for item ordered.

DLC. Deadline code. "D" if deadlined; "N" if not deadlined.

Maintenance Faults Section:

Item Num.

a. Put the PMCS item number that applies to the fault listed in this column. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the PMCS number if the fault is listed in the "Equipment is not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page or paragraph number of any fault that makes equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for Materiel Condition Status Report (MCSR) reporting unless they are in the PMCS "not ready" column or the not mission capable column. But, you will list them if you find a problem with one of them.

Fault Date. Enter the date the service is performed or the date the equipment went non mission capable (NMC).

Fault Status. Enter the status symbol that applies to the fault or deficiency.

Fault Description.

a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired or already listed on the worksheet. Continue the PMCS to make sure no other faults exist.

b. Briefly describe the fault. Skip one or two lines between faults. This will give maintenance room to note actions they take.

c. When more than one TM covers the equipment, draw a line under the TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.

Corrective Action.

a. Explain corrective actions taken.

b. If parts are needed, the mechanic will enter the NSN or part number in this column.

c. Faults that need support maintenance will go on a ULLS, generated maintenance request. Print (SPT-MAINT) in this column.

d. The commander's designated representative will decide what maintenance can be delayed. Faults that do not affect the operation of the equipment and the operator's safety can be deferred because

: (1) Support is backed up and cannot get to the equipment right away.

(2) The needed repair part is not on hand.

(3) Other reasons at the commander's discretion.

e. Those faults that the commander's designated representative decides to defer will be printed in this column.

Initials.

a. The mechanic initials any dash or diagonal status symbols that are fixed. For status symbol "X", the mechanic's initials will go on the last line for entry. The inspector or a designated rep will check all corrected status symbol "X" faults. The inspector will then initial the status symbol. The person who did the work initials in the initial column.

b. For quality control, the worksheet will be maintained on file until the next service is completed.

DATE: 27-OCT-92 OPERATOR QUALIFICATION RECORD DA FORM 348-E
 LAST NAME: DUTRA FIRST NAME: ANN INITIAL: K
 DOB: 17-APR-53 SEX: F WT: 99 HT: FT 5 IN 1 HAIR: BRO EYES: GRE
 SOCIAL SECURITY NUMBER: 324-14-3241 LICENSE EXPIRATION DATE: 01-OCT-95
 MILES SINCE LAST ACTION: 097697 HOURS SINCE LAST ACTION: 000099
 DAYS SINCE LAST ACTION: 000004 TOTAL MILES DRIVEN: 097697
 COMMANDER'S SIGNATURE: Randy P. Cash CCR

EQUIPMENT QUALIFICATIONS

EQ CLS CD	CODE DESCRIPTION	DATE QUALIFIED
E3	GENR 200 KW AND BELOW	01-OCT-92
LI	LICENSE ISSUED	06-OCT-92
T1	M1 FAMILY	12-SEP-92
T2	M2/3 FAMILY	12-SEP-92
T3	M113 FAMILY EXC M548	12-SEP-92
W1	1 - 1/4 TON AND BELOW	21-OCT-92

CODE	DATE	DESCRIPTION	VERIFIER
R1	26-OCT-92	EYEGLASSES REQUIRED	DELGADO
R2	26-OCT-92	DAYLIGHT ONLY	DELGADO

CODE	DATE	DESCRIPTION	VERIFIER
AA	23-OCT-92	DRUNK DRIVING AT NIGHT	GARCIA

Figure 12-6. Sample of an ULLS generated DA Form 348-E, Operator Qualification Record

Legend for Figure 12-6:

Completion instructions for ULLS generated Operator Qualification Record/DA Form 348-E (Automated). This listing is produced as required, but always when you are adding a new operator or changing an already registered operator. This is to ensure that the new/updated data is correct and verified by the operator driver. This listing will also be provided to the operator upon reassignment to a new unit. Then, delete the record from the file.

Operator Information

- (1) **Last Name.** Self-explanatory.
- (2) **First Name.** Self explanatory.
- (3) **Initial.** Operator's middle initial.
- (4) **DOB.** Date of Birth.
- (5) **Sex.** Self Explanatory.
- (6) **WT.** Weight in pounds.
- (7) **HT, FT, IN.** Height in feet and inches.
- (8) **Hair.** Color.
- (9) **Eyes.** Color.
- (10) **Social Security Number.** Self Explanatory.

(11) **Miles Since Last Action.** Number of miles recorded for the operator since last award, accident, etc.

(12) **Days Since Last Action.** Cumulative days since last action posted. (System calculates from latest "AA" remarks code date to current date; i.e., latest Remark code date =1 Jan 91 and current date =1 Jan 92, then last days since last action =365.)

(13) **License Expiration Date.** License Expiration Date.

(14) **Hours Since Last Action.** Number of Hours recorded since last action (award, accident, etc.).

(15) **Total Miles Driven.** Shows total accumulated miles driven.

(16) **Commander's Signature—Primarily used when an individual transfers.** This verifies information and qualifications.

Equipment Qualifications

This section is used to record the driver's equipment class code, code description, and date qualified.

The Code, Date, Description, and Verified Section reflects restrictions/actions. The last grouping shown displays a record of accident data, traffic violations, safety awards earned, etc. "OO" codes reflect special training, and "AA" codes reflect awards, accidents, etc.

Verifier. The person verifying the remarks/action will be entered by the ULLS operator.

DATE: 06-OCT-92

CLASS CODES

DA FORM 5985-E

DODAAC: WK4WRC

B CO 703 INF BN

CODE	DESCRIPTION
A1	COMM VEH BELOW 10,000 #
A2	COMM VEH OVER 10,000 #
B1	BUSES LESS THAN 25 PASS
B2	BUS 25 PASS AND BELOW
B3	BUS 48 PASS AND BELOW
B4	BUS 90 PASS AND BELOW
C1	CRANE 5 TON
C2	CRANE 7 1/2 TON
C3	CRANE 12 1/2 TON
C4	CRANE 20 TON
C5	CRANE 25 TON
C6	CRANE 40 TON
C7	CRANE 65 TON
C8	CRANE 140 TON
C9	CRANE 250 TON
D1	BULLDOZER, ALL MODELS
D2	SCRAPERS, ALL MODELS
D3	GRADERS, ALL MODELS
D4	BACKHOE, ALL MODELS
D5	SCOOPLOADER, ALL MODELS
D6	ROLLER, ALL MODELS
DM	ENGINEER EQUIP ALL
E1	GENR 10 KW AND BELOW
E2	GENR 50 KW AND BELOW
E3	GENR 200 KW AND BELOW
E4	POWER STATION OVER 200 KW
F1	TRACTOR WAREHOUSE
G1	COMPRESSOR 175PSI & BELOW
G2	COMPRESSOR 750PSI & BELOW
G3	COMPRESSOR OVER 750 PSI
H1	FORKLIFT 6000 LB & BELOW
H2	F/L RT 10000 LB & BELOW
H3	F/L RT 50000 LB CONT HAND
I1	FORKLIFT ELECTRIC, ALL
LI	LICENSE ISSUED
P1	PUMP 225 GPM & UNDER
P2	PUMP OVER 225 GPM
QA	AWARD WHL VEH DRIVER
QB	AWARD TRACKED VEH DRIVER
QC	AWARD DRIVER - M

Figure 12-7. Sample of an ULLS generated DA Form 5985-E, Class Codes

Legend for Figure 12-7:

This report will be generated as required. Dispose of this listing when no longer needed. This listing is produced by Unit and DODAAC.

Code. The Equipment Class Code as recorded within ULLS. This code is used in the dispatch process to check if the operator is qualified to operate a specific piece of equipment.

Description. The narrative description of the Equip Class Code as recorded within ULLS.

ADMIN NUM	MODEL	NOUN	STATUS
H99 B3	M3 M3A4	MACHINE GUN, 50 CAL GENERATOR, SMOKE MPJ	AVAILABLE W/O DSU DISP
B18 B9	M3A3 M876WW	GENERATOR, SMOKE MPJ TRK MAINT TEL CNT WW	AVAILABLE D/L PARTS D/L ORG D/L ORG DISP
B11 B29 B27 B12 B15 B16 B22	M876WW M559 M559 M55WW M55WW M55WW M113A2	TRK MAINT TEL CNT WW TRUCK TNK FS 2.5K GAL TRUCK TNK FS 2.5K GAL TRK CGO 5T XLWB WW TRK CGO 5T XLWB WW TRK CGO 5T XLWB WW CARRIER PERSONNEL	AVAILABLE AVAILABLE AVAILABLE W/O DSU AVAILABLE AVAILABLE D/L ORG W/O DSU
B5 B7 B1 B28 B28 B28 B22 B22	M3 AN/VRC-88A AN/VRC-90A M1A1 M2 M240 AN/VRC-88A AN/GRC - 160	MACHINE GUN, 50 CAL RADIO SET RADIO SET TANK, COMBAT, FT MACHINE GUN, 50 CAL MACHINE GUN, 7.62MM RADIO SET RADIO SET	AVAILABLE AVAILABLE AVAILABLE AVAILABLE AVAILABLE AVAILABLE AVAILABLE AVAILABLE

Figure 12-9. Sample of an ULLS generated AWCMF417, Equipment Availability Report

Legend for Figure 12-9:

This report is produced by DODAAC and Unit.

Admin No. Self-explanatory**.Model.** Displays the model of the equipment.**Noun.** Name of the equipment.**Status.** The status of the vehicle; e.g., available, deadlined, dispatched, etc. Dispose of this form when no longer needed.

```

DATE: 06-OCT-92          SERVICE SCHEDULE          AWCMF452
DODAAC: WK4WRC          B CO 703 INF BN
-----
ADMIN NUM: WS2          READING: K 098164
NSN: 2350010871095     MODEL: M1A1          NOUN: TANK, COMBAT, FT
PUB DATA: TM 9-2350-264-10-1    10 09/90 LAST SERVICE: B 28-SEP-92
                TM 9-2350-264-10-2    10 09/90

SERVICE DATA
DATE TYPE SERVICE DUE          INTERVAL DAYS          READING DUE
05-OCT-92      W              007              K      399
28-OCT-92      M              030              K      699
27-DEC-92      Q              090              K     1499
27-MAR-93      S              180              K     2699
29-SEP-93      A              365              K     5099
29-SEP-94      B              730              K     9899
10-OCT-92      Z              0                K      101
01-OCT-92      L1              0                K      100
01-NOV-92      L2              0                K      200
01-DEC-92      L3              0                K      300

```

Figure 12-10. Sample of an ULLS generated AWCMF452, Service Schedule

Legend for Figure 12-10:

This listing gives you the information which was being reflected on the front side of the manual DD Form 314.

(1) **Admin Num.** Self-explanatory.

(2) **Reading.** Displayed by "K" for Kilometers or "M" for miles.

(3) **NSN.** Shows the National Stock Number of the item.

(4) **Model.** Model number of the item.

(5) **Noun.** Name of the item.

(6) **Pub Data.** Displays latest publications and date pertinent to this item.

(7) **Last Service.** Last service accomplished by code (see ULLS End User Manual or Chapter 3 of this pamphlet) and date.

Service Data shown is: (1) **Date Type Service Due.** Self-explanatory.

(2) **Interval Days.** Shows days between service.

(3) **Reading Due.** Shows "K" (for kilometers) or "M" (for miles) and reading for next service.

DATE: 27-OCT-92	MAINTENANCE REQUEST	DA FORM 5990-E
----- CUSTOMER DATA -----		
UIC: WH99B0 UTIL CODE: 0	B CO 703 INF BN	PHONE: (883)212-3131
----- ACTIVITY DATA -----		
SUP WON: SUP UIC: WH99BA	B CO 703 MAINT BN	PHONE: 331-2820 SHOP SEC:
----- EQUIPMENT DATA -----		
TYPE MNT REQ: 1	ID: A NSN: 2320005798985	MODEL: M884
NOUN: TK CGO 1.25T	SER NUM: W24BE7S2114595	QTY: 00001
ORG WON: H99B01200015	PRIORITY: 12	FAILURE DETECTED: D
MI/KM: M 038375	HOURS: 000000	ROUNDS:
IN WARRANTY: N	LEVEL OF WORK: F	ADMIN NUM: B8
MALFUNCTION/REMARKS: TRANSMISSION FAILURE		
PD AUTHENTICATING SIGNATURE: _____		
----- SIGNATURE DATA -----		
SUBMITTED BY: _____	ORD DATE: _____	MIL TIME: _____
ACCEPTED BY: _____	STATUS: _____	ORD DATE: _____
----- ACTION DATA -----		
WORK STARTED BY: _____	STATUS: _____	ORD DATE: _____
INSPECTED BY: _____	STATUS: _____	ORD DATE: _____
PICKED UP BY: _____	STATUS: _____	ORD DATE: _____
----- COMPLETION DATA -----		
QTY RPR: _____	QTY CONDEMNED: _____	NRTS: _____
EVAC WON: _____	EVAC UNIT NAME: _____	

Figure 12-11. Sample of an ULLS generated DA Form 5990-E, Maintenance Request

Legend for Figure 12-11:

Completion instructions for ULLS generated Maintenance Request (DA Form 5990-E (Automated)).

Customer Data:

All data within this section is ULLS generated and self-explanatory.

Activity Data:

Displays all support activity data.

SUP WON. Blank. Support work order number will be assigned by support maintenance activity.

Name of Maintenance Activity. ULLS generated; self-explanatory.

Phone. ULLS generated; self-explanatory.

SUP UIC. The support maintenance activity's UIC.

Shop Section. Blank. Assigned by support maintenance activity.

Equipment Data:

Type MNT REQ. ULLS operator enters alpha/numeric code which

identifies the type of maintenance required on an item of equipment. For a definition of the codes, see the ULLS EM.

ID. The identifying number code which identifies whether the equipment is for an NSN, part number, or other numbers.

NSN. The National Stock Number or other number for the equipment.

Model. Self-explanatory.

Noun. Self-explanatory.

SER NUM. Serial Number. Self-explanatory.

QTY. Quantity. Enter the number of items on the work request.

ORG WON. The ULLS generated organizational work order number.

Priority. The ULLS operator will enter the priority designator (PD) for the request. Assign PDs based on the Urgency of Need Designator (UND) and Force Activity Designator (FAD). AR 750-1, AR 710-2, and AR 725-50 cover assignment of PDs.

Failure Detected. For values and explanation, see Appendix B, Table B-3, or the ULLS EM.

M/KM. The miles/kilometers recorded within ULLS.

Hours. If applicable; ULLS generated entry.

Rounds. If applicable; manual entry.

In Warranty. ULLS generated entry. Y if under warranty; N is not under warranty.

Level of Work. ULLS generated entry.

Admin NUM. ULLS generated based on ULLS operator input.

Malfunction/Remarks—The ULLS operator will enter a brief description of the malfunction or symptom.

PD Authenticating Signature. The CO or the CO's designated representative signs for all priority 01 through 10 requests. The signature approves the use of the PD.

Signature Data:

Submitted by. The person submitting the request signs on this line.

ORD Date. The person submitting this request will enter the ordinal date; e.g., 11 Sep 90 would be entered as 90254.

MIL Time. Enter the Military time that the maintenance request was accepted.

Accepted By. The person accepting the maintenance requests signs on this line.

Status. The person accepting the request will enter an A. This will relay back to the ULLS customer that the equipment is awaiting initial inspection.

ORD Date. The person submitting the maintenance request will enter the ordinal date; e.g., 11 Sep 90 would be entered 90254.

MIL Time. Enter the military time that the maintenance request was accepted.

Action Data:

Support Maintenance will fill out the following blocks:

Work Started By. The person assigned to do the work reflected on the maintenance request signs on this line.

Status. The person who signed the "Work Started By" will annotate completion status. Appendix B, Table B-21, lists work request status codes (STA). In addition, the ORD Date and MIL Time will be annotated in the space provided.

Inspected By. The person inspecting the equipment will sign on this line.

Status. Annotate the work request status code that applies. In addition, the ORD Date and MIL Time will be annotated in the space provided.

Picked Up By. The person picking up the equipment will sign on this line.

Status. Always annotate "U" (pickup). In addition, the ORD Date and MIL Time will be annotated in the space provided.

Completion Data:

QTY RPR. The support maintenance activity will annotate the quantity of part(s) repaired.

QTY Condemned. The support maintenance activity will annotate the quantity of items condemned.

NRTS. The support maintenance activity will annotate the quantity of items not repairable this station.

EVAC WON. If item is evacuated, the work order number assigned by the receiving activity will be annotated on this line.

EVAC Unit Name. Annotate the name of the unit to whom the equipment is evacuated.

DATE: 27-OCT-92		MAINTENANCE REQUEST REGISTER			DA FORM 5989-E	
DODAAC: WK4WRC		B CO 703 INF BN				
ADMIN#	ORG WON	SUP WON	NMCS	NMCM	STATUS	DATE
B18 TRANSMISSION CRA	H99B00200003	H99BA2264003	0012	0008	B	92264
B11 CHECK/ADJUST HYD SYS	H99B00200005		0000	0000		00000
H99 FIRING PIN BROKE	H99B00200012		0000	0000		00000
B3 THROTTLE LINKAGE	H99B01200008		0000	0000		00000
B22 BROKE	H99B01200011		0000	0000		00000
B8 TRANSMISSION FAI	H99B01200015		0000	0000		00000

Figure 12-12. Sample of an ULLS generated DA Form 5989-E, Maintenance Request Register

Legend for Figure 12-12:

This listing is printed as required. It provides a list of all ORGWON maintenance requests forwarded to support units. Dispose of when no longer needed.

ADMIN #. The administration number of the equipment.

ORG WON. The organizational work order number (ULLS assigned).

SUP WON. The support work order number assigned. Input when

SAMS transaction disk is loaded through automated maintenance status.

NMCS. Number of hours equipment is down for Not Mission Capable Supply.

NMCM. Number of hours equipment is down for Not Mission Capable Maintenance.

STATUS. The work request status code. See Appendix B, Table B-21.

Date. The date of status.

```

OPERATOR'S PERMIT                                OF 346E:
-----:
          U.S. ARMY MOTOR VEHICLE                :
          OPERATOR'S IDENTIFICATION CARD         :
Name of Operator      MI      Sex Date issued:   :
GLYNN      JOSEPH      E      M      12-NOV-92:
Height  Weight  Date of Birth  SSN      Date Expired:
5 10      195      12-NOV-43      012-32-9109  12-NOV-99 :
Color of:                                          :
Hair  Eyes                                          :
BRN  BRN                                          :
-----:
Name/Loc Issue Unit                                :
B CO 703 INF BN                                CPT RANDY P. CASH :
MANHEIM, FRG APO NY 96217      WO2 YANCY K. TURPIN :
NOT TRANSFERABLE: CARD REQUIRED TO OPERATE GOVT VEHICLE:
PREVACY ACT OF 1974 APPLIES                    :
-----:
COMM VEH BELOW 10,000 #      COMM VEH OVER 10,000 # :
M1 FAMILY                    M2/3 FAMILY                :
M113 FAMILY EXC M548        1 - 1/4 TON AND BELOW      :

```

Figure 2-13. Sample of an ULLS generated OF 346E, Operator's Permit

Legend for Figure 2-13:

Completion instructions for ULLS generated U.S. Army Motor Vehicle Operator's Identification Card (OF 346E)

Name of Operator. The operator's last and first name.

MI. The operator's middle initial.

Sex. M for male; F for female.

Date Issued. Self-explanatory.

Height. Self-explanatory.

Weight. Self-explanatory.

Date of Birth. Self-explanatory.

SSN. Operator's Social Security Account Number.

Date expired. Date the license will expire.

Color of Hair/Eyes. Self-explanatory.

Signature of Operator. The operator whose name appears will sign here.

Name/Loc Issue Unit. The name and location of the issuing unit. In addition, this block contains the name and title of the issuing officer. The issuing officer will sign above name.

The date below the dotted line displays Operator's qualifications and/or restrictions.

DATE: 06-OCT-92	DISPATCH CONTROL LOG	DA FORM 5982-E
DODAAC: WK4WRC	B CO 703 INF BN	UIC: WH99B0
ADMIN NUMBER: B8	DESTINATION: TANK RANGE 8	
D/L AUTH: SCH SVC AUTH:	DISPATCHER: PFC GARCIA	
DATE/TIME DISPATCHED 01-OCT-92 / 1030	DATE/TIME EXP RETURN 01-OCT-92 / 1730	DATE/TIME RETURNED 06-OCT-92 / 1408
OPERATOR #1 NAME/LIC NUM: DUTRA	/ D3241	REMARKS IN:
OPERATOR #2 NAME/LIC NUM: GLYNN	/ G9109	
OFFICIAL USER'S NAME/PHONE: CPT ROBERT SCHMIDT	/ 331-2121	
REMARKS OUT:		

ADMIN NUMBER: B1	DESTINATION: RANGE 18	
D/L AUTH: SCH SVC AUTH:	DISPATCHER: PFC GARCIA	
DATE/TIME DISPATCHED 01-OCT-92 / 1017	DATE/TIME EXP RETURN 01-OCT-92 / 1730	DATE/TIME RETURNED --- / ---
OPERATOR #1 NAME/LIC NUM: DOOLEY	/ D0443	REMARKS IN:
OPERATOR #2 NAME/LIC NUM:	/	
OFFICIAL USER'S NAME/PHONE: CPT ROBERT SCHMIDT	/ 331-2121	
REMARKS OUT:		

ADMIN NUMBER: B22	DESTINATION: RANGE 18	
D/L AUTH: SCH SVC AUTH:	DISPATCHER: PFC GARCIA	
DATE/TIME DISPATCHED 28-SEP-92 / 1325	DATE/TIME EXP RETURN 28-SEP-92 / 1730	DATE/TIME RETURNED --- / ---
OPERATOR #1 NAME/LIC NUM: DABNEY	/ D1234	REMARKS IN:
OPERATOR #2 NAME/LIC NUM:	/	
OFFICIAL USER'S NAME/PHONE: CPT ROBERT SCHMIDT	/ 331-2121	
REMARKS OUT:		

Figure 12-14. Sample of an ULLS generated DA Form 5982-E, Dispatch Control Log

Legend for Figure 12-14:

This listing is produced as required. However, this form will always be produced prior to purging the Dispatch Control Log when equipment

has been involved in an accident or other situation under investigation. Dispose of the listing after the investigation is complete. For other than investigations, dispose of IAW local SOP.

This listing replaces the requirement to maintain a DA Form 2401. All entries are self-explanatory, except D/L Auth and Sch Svc Auth, which are not used at this time.

DATE: 07-OCT-92	EQUIPMENT PERIODIC USAGE	DA FORM 5992-E
UIC: WH99B0	B CO 703 INF BN	UTIL CODE: 0

ADMIN#	MODEL	NSN	SERIAL NUMBER	REG NUM	YR	USAGE
B23	M3	1005003229716	2326751	N45256	80	M 009990
B21	M3	1005003229716	992753	N16823	80	M 000001
B8	M3A3	1040005873618	677621	Q4193	88	M 000001
B1	M3A4	1040011439506	129863	H38517	88	M 000001

Figure 12-15. Sample of an ULLS generated DA Form 5992-E, Equipment Periodic Usage Report

Legend for Figure 12-15:

DATE. The date of the report (prints automatically).

UIC. Unit Identification Code.

UNIT NAME. Self-explanatory.

UTIL CODE. Utilization Code. See Appendix B, Table B-6, for an explanation of these codes.

ADMIN #. ULLS generated.

MODEL. The equipment model.

NSN. National Stock Number.

SERIAL NUMBER. Equipment's serial number.

REG NUM. U.S. Army Registration Number.

YR. Year of manufacture.

USAGE. Total cumulative miles or kilometers usage reading. The reading is prefixed with an "M" or "K" to designate the type usage (miles or kilometers) being reported.

*76-79

DATE: (07-JAN-93) EQUIPMENT PERIODIC USAGE DA FORM 5992-E

UIC: (WH99BO) → 7-12 B CO 703 INF BN UTIL CODE: (0) → 13

ADMIN#	MODEL	NSN	SERIAL NUMBER	REG NUM	YR	USAGE
B100	(M998) → 15-22	(2320011077155) → 23-35	(53061) → 36-45	(NG3CEM) → 46-53	(83) → 56-57	(M 006650) → 58-65-70
B101	M998	2320011077155	52038	NG3AJU	79	M 007388
B12	M998	2320011077155	50493	NG38NA	88	M 010987
B120	M1037	2320011147193	59585	NG3CSN	89	M 003709
B125	M151A2/ROPS	2320012644819	B15166552	NB0T9Y	76	M 017210
B128	M151A2	2320001779258	A15128365	NB01GU	76	M 041976
B51	M1009	2320011232665	J9GH111662	NFOFEL	86	M 061480
B67	M997	2310011112274	47404	NG22PN	88	M 001509
B2	M886	2310005799078	BE7S091451	NG08NS	87	M 021376
B78	SECM1975	4940010162262	SECM2570	NG12DX	76	M 026740
B89	M1008 W/E	2320011236827	J5FF148643	NFOB6K	85	M 026732
B11	M1025	2320011289551	6250	NG21JV	85	M 007540
B60	M1010	2310011232666	J4GF442010	NG2FP3	86	M 021655
B56	M880	2320005798942	BE7S165494	NG0VV9	77	M 004191
B5	M35	2320008358463	M41829	4A4554	57	M 043584
B89	M966	2320011770153	6603	NG1ZWY	85	M 010110
B25	M151A1	2320007631092	A15140242	NB0BP7	73	M 026321
B93	M109	2320008358515	M34192	4E8209	70	M 005907
B55	M884	2320005798985	BE7S289570	NG07L9	86	M 059810
B77	M1008A1	2320011232671	J7EF108997	NF1309	86	M 005814
B1	M1028A1	2320011580820	J9GF892561	NF0519	85	M 068145

Figure 12-16. Sample of an ULLS generated DA Form 5992-E, Equipment Periodic Usage Report, with instructions for data reduction

Legend for Figure 12-16:

Completion instructions for data reduction of information contained on the Equipment Periodic Usage Report (DA Form 5992-E (Automated)).

Position Special Instructions

1-6 Leave blank.

7-12 Enter UIC.

13 Enter Utilization Code.

14 Leave blank.

15-22 Enter model—no special characters (i.e., slashes/dashes, etc).

23-35 Enter NSN—no special characters—left justify.

36-45 Enter Serial Number(right justify—do not prefix with zeros and no special characters—enter the last 10 characters only.).

46-53 Enter Registration Number (do not prefix with zeros or enter special characters—right justify. Alpha O and I will be entered as zero (0) or one (1)).

54 Leave blank.

55 Enter "M".

56-57 Year of Mfg-enter the two digit year of manufacture (i.e., 93).

58 Enter "M" for miles; "K" for kilometers to indicate type usage being reported.

59 Enter "C".

60-64 Leave blank.

65-70 Enter the usage information (miles or kilometers)-right justify and prefix with zeroes.

71-75 Leave blank.

76-79 Enter Julian Date of report (i.e., 3007)

Note: Date must be converted to Julian date before submitting to Data Reduction Centers.80 Enter "J".

DATE: 07-OCT-92

EXCESS MANAGEMENT REPORT
FOR DODAAC: WK4WRC

NIIN	NOUN	LOC	STOCK		QUANTITY			EXCESS
			CD	AUTH	O/H	O/I	O/O	
00424165	TRANSMIT	2A60	DS	1	3	0	0	00002
000446914	LAMP INC	NO LOC	DS	0	1	6	6	00001
000500810	ARM WIND	2C10	DS	1	0	2	0	00001
000424165	WINDOW	2D60	DS	1	3	0	0	00002
000446774	LAMP INC	NO LOC	DS	0	1	6	6	00001
000500220	ARM WIND	2B10	DS	1	0	2	0	00001
000455165	TRANSMIT	2E60	DS	1	3	0	0	00002
000500990	ARMS	2F10	DS	1	0	2	0	00001
000344165	BOLT	1C60	DS	1	3	0	0	00002
000446914	LAMP	NO LOC	DS	0	1	6	6	00001
000588810	ARM	2M10	DS	1	0	2	0	00001
000500810	ARM WIND	2C10	DS	1	0	2	0	00001
000446914	LAMP, INC	NO LOC	DS	0	1	6	6	00001

Legend for Figure 12-17;

Note: See Chapter 12, Paragraph 12-16a.

Figure 12-17. Sample of an ULLS generated Excess Management Report

DATE: 27-OCT-92

COMMANDER'S EXCEPTION REPORT

AWCSF176

DOCUMENT NUMBER	DESCRIPTION	ADMIN NUMBER	QTY	PRI	EXTENDED PRICE	INITIALS
WK4WRC 2296 0001	BATTERY	PLL	00001	02	\$ 115.42	_____
WK4WRC 2296 0002	PARTS KI	PLL	00003	02	\$ 5.98	_____
WK4WRC 2296 0003	FILTER	PLL	00010	05	\$ 9.47	_____

 COMMANDER'S SIGNATURE

DATE: 27-OCT-92

COMMANDER'S FINANCIAL TRANSACTION LISTING

DOCUMENT NUMBER	DESCRIPTION	ADMIN NUMBER	QUANTITY	PRIORITY	EXTENDED PRICE
WK4WRC 2296 0001	BATTERY	B14	00001	02	\$ 115.42
WK4WRC 2296 0002	BATTERY	PLL	00001	02	\$ 115.42
WK4WRC 2296 0003	PARTS KI	B140	00001	05	\$ 5.98
GRAND TOTAL					\$ 236.82

Legend for Figure 12-18;

Note: See Chapter 12, Paragraph 12-16b.

Figure 12-18. Sample of an ULLS generated AWCSF-176, Commander's Exception Report and Financial Transaction Listing

DATE: 07-OCT-92 SERVICE SCHEDULE DUE AwCMF450
 DODAAC: WK4WRC B CO 703 INF BN

 NSN: 1040011459506 MODEL: M3A4 NOUN: GENERATOR, SMOKE MPJ
 PUBLICATION: TM 3-1040-276-10 10 09/85
 TM 3-1040-276-23 10 10/85

SERVICE DATA

ADMIN NUM	DATE SERVICE DUE	INTERVAL DAYS	READING DUE
B3	01-SEP-93 A	365	M 2

 NSN: 1040005873618 MODEL: M3A3 NOUN: GENERATOR, SMOKE MPJ
 PUBLICATION: TM 3-1040-202-ESC 10 10/73
 TM 3-1040-202-12 10 12/75

SERVICE DATA

ADMIN NUM	DATE SERVICE DUE	INTERVAL DAYS	READING DUE
B11	01-SEP-93 A	365	M 2

 NSN: 2320000000114 MODEL: M876WW NOUN: TRK MAINT TEL CNT WW
 PUBLICATION: TM 9-2320-269-10 12 08/92
 TM 9-2320-269-10-HR 12 08/92

SERVICE DATA

ADMIN NUM	DATE SERVICE DUE	INTERVAL DAYS	READING DUE
B23	25-OCT-92 M	030	M 1100
B18	21-DEC-92 Q	090	M 1500
B10	20-MAR-93 S	180	M 2700
B22	01-SEP-93 A	365	M 5100
B36	12-SEP-93 A	365	M 10100

 NSN: 2320004457250 MODEL: M559 NOUN: TRUCK YNK FS 2.5K GAL
 PUBLICATION: TM 9-2320-233-10 10 06/76
 TM 9-2320-233-10-HR 10 05/83

SERVICE DATA

ADMIN NUM	DATE SERVICE DUE	INTERVAL DAYS	READING DUE
B35	12-OCT-92 M	030	M 700
B19	21-MAR-93 S	180	M 2700

Legend for Figure 12-19;
 Note: See Chapter 12, Paragraph 12-16c.

Figure 12-19. Sample of an ULLS generated AwCMF450, Service Schedule Due Report

DATE: 29-SEP-92 PLL INVENTORY REPORT
FOR DODAAC: WK4WRC

LOCATION	NIIN	NOUN	STOCK CODE	UI	QTY ON HAND	QUANTITY INVENTORIED
A12A1	011181318	BELTS,V	DS	SE	2	_____
A13A1	009663831	LAMP,INC	CS	EA	1	_____
A13A2	003792815	BELTS,V	NS	SE	1	_____
A14A1	011476410	BELT,V	DS	EA	2	_____
A14A3	010466949	SWITCH,R	CS	EA	1	_____
A06A1	008567095	PARTS KI	DS	EA	2	_____
B-14	001776160	HOSE AS	CS	EA	1	_____
B01A1	011482792	BELT,V	DS	EA	1	_____
B01B2	009059792	FILTERS,F	DS	EA	1	_____
B02B1	001345036	SWITCH,R	DS	EA	1	_____
B02B2	006863298	CKTBREAK	CS	EA	1	_____

Figure 12-20. Sample of an ULLS generated PLL Inventory Report

Legend for Figure 12-20:

Note: See Chapter 12, Paragraph 12-16d.

DATE: 13-OCT-92 PARTS RECEIVED NOT INSTALLED AWCMP436
DODAAC: WK4WRC UNIT & CO 703 INF BN

DOC NUM	NIIN	QTY DUE	QTY REC	FAULT NUM	DATE COMP	ADMIN#	
2238	0710	008400022	00000	00001	0004	92240	RHC-3
2238	0711	009876543	00000	00002	0001	92241	RHC-5
2239	0711	007896543	00000	00005	0006	92242	RHC-6
2240	0710	008400022	00000	00001	0002	92240	RHC-7
2241	0711	009876543	00000	00002	0005	92241	RHC-8
2242	0800	007896543	00000	00005	0002	92242	RHC-4
2243	0710	008400022	00000	00001	0004	92240	RHC-2

Figure 12-21. Sample of an ULLS generated AWCMP436, Parts Received Not Installed Report

Legend for Figure 12-21:

This report is printed by DODAAC and Unit name.

DOC NUM. The document number under which the required part(s) was ordered.

NIIN. National Item Identification Number.

QTY Due. Due-in quantity for the part on order.

QTY REC. The quantity of items received.

FAULT NUM. Shows the fault number for which the part is required.

DATE COMP. The date transaction was completed.

ADMIN #. Self-explanatory.

```

DATE: 13-OCT-92                NON-MISSION CAPABLE REPORT                AWCMP458
UTC: Wn9980                    B CO 703 INF BN                                UTIL CODE: 0
ADMIN NUMBER:  B23              SERIAL NUMBER:  2326751                          LIN:  T53858

  ORG WON:  H99B00200006        DOCUMENT NUMBER:  2268 0002
  NAR DATE:  1 92268            NIIN/PART NUMBER: 000000077
ORIG DATE NMC: 92268           QTY DUE: 00001
  ORG DATE:  92268             QTY REC:  -----
  DSU DATE:  00000 STATUS/DATE:  -----   STATUS/DATE:  00000
  REMARKS:    PARTS KIT.        SHIP DATE:  -----
  SUP WON:                                DEFICIENCY:

  ORG WON:  H99B00200006        DOCUMENT NUMBER:  2268 0001
  NAR DATE:  1 92268            NIIN/PART NUMBER: 000000077
ORIG DATE NMC: 92268           QTY DUE: 00001
  ORG DATE:  92268             QTY REC:  -----
  DSU DATE:  00000 STATUS/DATE:  -----   STATUS/DATE:  00000
  REMARKS:    BATTERY          SHIP DATE:  -----
  SUP WON:                                DEFICIENCY:

  ORG WON:  H99B00200006        DOCUMENT NUMBER:  0000 0001
  NAR DATE:  C 92268           NIIN/PART NUMBER:
ORIG DATE NMC: 92268           QTY DUE: 00000
  ORG DATE:  92268             QTY REC: 00000
  DSU DATE:  00000 STATUS/DATE:  -----   STATUS/DATE:  00000
  REMARKS:    WIPER BLADE     SHIP DATE:  -----
  SUP WON:                                DEFICIENCY:

  ORG WON:  H99B00200006        DOCUMENT NUMBER:  0000 0003
  NAR DATE:  E 92268           NIIN/PART NUMBER:
ORIG DATE NMC: 92268           QTY DUE: 00000
  ORG DATE:  92268             QTY REC: 00000
  DSU DATE:  00000 STATUS/DATE:  -----   STATUS/DATE:  00000
  REMARKS:    LOCK W/2 KEYS   SHIP DATE:  -----
  SUP WON:                                DEFICIENCY:

ADMIN NUMBER:  B8              SERIAL NUMBER:  677621                          LIN:  012087

  ORG WON:  H99B00200009        DOCUMENT NUMBER:  0000 0003
  NAR DATE:  C 92273           NIIN/PART NUMBER:
ORIG DATE NMC: 92273           QTY DUE: 00000
  ORG DATE:  92273             QTY REC: 00000
  DSU DATE:  00000 STATUS/DATE:  -----   STATUS/DATE:  00000
  REMARKS:    BATTERY          SHIP DATE:  -----
  SUP WON:                                DEFICIENCY:

  ORG WON:  H99B00200009        DOCUMENT NUMBER:  0000 0002
  NAR DATE:  C 92273           NIIN/PART NUMBER:
ORIG DATE NMC: 92273           QTY DUE: 00000
  ORG DATE:  92273             QTY REC: 00000
  DSU DATE:  00000 STATUS/DATE:  -----   STATUS/DATE:  00000
  REMARKS:    LOCK W/2KEYS    SHIP DATE:  -----
  SUP WON:                                DEFICIENCY:

```

Figure 12-22. Sample of an ULLS generated AWCMP458, Non-Mission Capable Report

Legend for Figure 12-22:

This report is produced by unit UIC, with the unit name.

ADMIN NUMBER. Self-explanatory.

SERIAL NUMBER. Serial number of item or piece of equipment.

LIN. Line item number of the item or piece of equipment.

ORG WON. The ULLS generated organizational work order number.

NAR DATE. This displays the Not Available Reason Code (NAR) (see ULLS EM for a list of these codes) and the date of this code.

ORIG DATE NMC. Shows the date the item was originally non mission capable.

ORG DATE. Date item was NMC at organizational level.

DSU DATE. Date equipment was down for support level maintenance.

STATUS/DATE. Shows the date of most recent status.

REMARKS. Brief description of part or reason for deadline.

SUP WON. Displays the machine generated support work order number.

DOCUMENT NUMBER. The document number that identifies the part ordered. This defaults to a fault sequence number when the parts are received.

NIIN/PART NUMBER. National Item Identification Number or Part Number.

QTY DUE. Quantity of items due-in.

QTY REC. Quantity of items received.

STATUS/DATE. Displays the status and date for a shipment.

SHIP DATE. Shows the shipping date, if available.

DEFICIENCY. Identifies reason item is NMC.

SAMS-1 WORK ORDER DETAIL											PCN AHN-018											
PREPARED 07 APR 93											STA	DATE	TIME									
WORK ORDER DATA:											A	92066	1046									
WON	UIC	CUST	INTNS	REIMB	SHOP	SAMS-2	UIC	UTIL	TYPE	MNT	ID AND NSN	MODEL	OR	NOUN	B	92069	1409					
DJAA0A200483	WDJAA0		N	N	U	WDAYAK	0		D	A	1005011121629	GHS,	M2/3	K	92085	1120						
DRG	WON/DOC	SERIAL	NUMBER	ECC	EIC	QTY	REC	PD	MALFUNCTION	FDD	EQUIP	USAGE	PROJ	CD	SNT	APC						
		372		GL	ALB	1	12		INOP	H	000000											
											000000											
											000000											
DRF	AUTH	WRNTY	BUMPER	NO	LVL	WORK	MH	PROJ	MH	EXP	MH	RMN	QTY	RPR	QTY	CONDEM	QTY	NRTS	EVAC	WON	DRF	TRANS
		N			F		5.0		0.0		5.0		0		0		0					
WON	MIL	DIRECT	LABOR		CIV	DIRECT	LABOR		TOTAL	DIRECT	INDIRECT	REPAIR	TOTAL									
	MH		COST		MH		COST		LABOR	LABOR	LABOR	COST	COST									
DJAA0A200483	0.0		\$0.00		0.0		\$0.00		\$0.00		\$0.00		\$397.16									\$397.16
TOTALS	0.0		\$0.00		0.0		\$0.00		\$0.00		\$0.00		\$397.16									\$397.16

TASK DATA: *** PLANNED DATA ***											*** COMPLETED DATA ***			
TASK ACT	TASK DESCRIPTION	QTY	WORK	FAIL	MH	TASK	OLD EQ SN	TRANS	ACT	QTY	MH			
NO	RQD	TO BE RPR	CENTER	CD	RMN	ID AND NSN	NEW EQ SN	DATE	COMPL	RPR	EXP			
U01	C INOP	1	ARMT	068	5.0					0	0.0			

PART DATA:											EMPLOYEE NO	MH EXPENDED	OVERTIME
TASK FAIL	PART ID AND NSN	SUFFIX	QTY	PRIME ID AND NSN	PART NOUN	QTY	SRCE	NMCS	PARTS COST	DOCUMENT NUMBER			
NO	CD	RQD	ISS										
U01	A1090011988684		1	A1090011988684	GRIP AS	1	A	N	\$171.00	NONE		0.0	0.0
U01	A1090011988684	A	1	A1090011988684	GRIP AS	1	A	N	\$171.00	NONE		0.0	0.0
U01	A5935011164446		1	A5935011164446	CONNECTO	0	S	N	\$27.58	WK4KKK20840081		0.0	0.0
U01	A5935011164446	A	1	A5935011164446	CONNECTO	0	S	N	\$27.58	WK4KKK22610051		0.0	0.0

END PAGE 1

Figure 12-23. Sample of a SAMS generated PCN AHN-018, SAMS-1 Work Order Detail Report

Legend for Figure 12-23:

This report provides current data associated with a specific work order, and includes equipment, task, and repair parts data. The SAMS-1 supports the ULLS user in preparing this report when requested.

WORK ORDER DATA:

WON. The 12-position support work order number assigned by the supporting DSU.

UIC CUST. Customer Unit Identification Number.

INTNS. Intransit Customer. Value will be either "Y" (yes) or "N" (no).

Reimb. Applicable to intransit reimbursable customers only. Value will either be a "Y" (yes) or "N" (no).

Shop. This unique code identifies the shop in support maintenance.
SAMS-2 UIC. Self-explanatory.

UTIL. Utilization Code. See Appendix 13, Table B-6.

TYPE Mnt. Type Maintenance Request Code. These codes are used to describe the maintenance action requested. See Appendix B, Table B-20.

ID AND NSN. The identification number identifies the type of number in the NSN field; e.g., A=National Stock Number (NSN), C=Manufacturer's Code and Reference Number, D=Management Control Number (MCN), and P=all others.

Model or Noun. Self-explanatory.

STA DATE TIME. Shows the statuses and the dates and times they changed.

Org WON/DOC. The organizational work order number or document number.

SERIAL NUMBER. Self-explanatory.

ECC. Identifies the Equipment Category Code. See Appendix B, Table B-18.

EIC. The end item code assigned to the equipment.

QTY REC. Quantity received.

PD. Priority designator.

MALFUNCTION. Self-explanatory.

FDD. The failure detected during code. A required entry.

EQUIP USAGE. Miles/kilometers/hours/rounds recorded on the item.

PROJ CD. If there is a project code assigned, it will be reflected here; otherwise, this will be blank.

SNT. The serial number tracking designator. "Y" (yes) or "N" (no).

APC. Account processing code. This is a code prescribed locally for costing and budget identification of customers and organizations. May be blank if not required locally.

ORF AUTH—Operational readiness float authorized. A "Y" indicates this is a candidate.

WRNTY. If item is under warranty, a "Y" will be reflected on the report.

BUMPER NO. Self-explanatory.

LVL WORK. Indicates the level of work. A blank indicates the work will be done by a contractor.

MAN-HOURS. Covers three areas:

MH PROJ—The number of man-hours projected in hours and tenths.

MH EXP—The number of man-hours expended in hours and tenths.

MH RMN—The number of man-hours remaining in hours and tenths.

QUANTITIES. Quantities repaired (RPR), condemned (CONDEM), and not repairable this station (NRTS) are reflected as applicable.

EVAC WON. Evacuation work order number, if applicable, is reflected on this report.

ORF TRANS. Operational Readiness. Float Transfer. An "I" indicates an ORF item has been issued; "R" indicates an ORF item has been repaired.

COST DATA INFORMATION:

WON. A 12-position support work order number assigned by the supporting DSU.

Cost data for direct labor is shown for military and civilian to include the man-hours and the cost, and the total direct labor cost. Also shown is indirect labor cost, when applicable. The repair costs show the total cost for all parts. The last column is the total cost of maintenance.

TASK DATA. Shown for planned data and completed data.

PLANNED DATA:

TASK NO. This code is a unique number assigned at support maintenance.

ACT RQD. Action code. See Appendix B, Table B-5.

TASK DESCRIPTION. Self-explanatory.

QTY TO BE RPR. Report will reflect the quantity of items to be repaired.

WORK CENTER. A unique code assigned within the support maintenance activity.

FAIL CD. Failure code. See Appendix B, Tables B-1 and B-2.

MH RMN. Man-hours remaining or projected to complete the job.

TASK ID AND NSN. For serial number tracking (SNT) only.

COMPLETED DATA:

OLD/NEW EQ SN. For use with SNT. If a serial numbered item has been replaced, then both numbers will be reflected here.

TRANS DATE. For SNT only.

ACT COMPL. The action completed code.

QTY RPR. Quantity repaired.

MH EXP. Man-hours expended.

EMPLOYEE NO. A code used to identify employee.

MH EXPENDED. Man-hours expended.

OVERTIME. Self-explanatory.

PART DATA:

TASK NO. The task for which the part was ordered.

FAIL CD. The failure code.

PART ID AND NSN. The identifying number code and NSN of the part required to repair the item.

SUFFIX. The part suffix code.

QTY RQD. Quantity of that part required to repair the item.

PRIME ID AND NSN. The primary identifying number code and NSN of the repair part.

PART NOUN. The name of the part.

QTY ISS. The quantity issued.

SRCE. The source code.

NMCS. The not mission capable supply code.

PARTS COST. The part's unit cost as shown on the repair parts master file.

Chapter 13 Standard Army Maintenance System (SAMS) Unit Level Procedures

13-1. SAMS users

a. The SAMS for the DS and GS levels of maintenance provides maintenance and management information to each level of command from the user to the division or corps, wholesale, and DA levels.

b. SAMS is divided into two levels: SAMS-1, which operates at the GS/DS maintenance company; and SAMS-2, which operates at command levels above the maintenance company, such as the support battalion or maintenance battalion, Materiel Management Center (MMC), division support command, corps support command, and echelon above corps. Also see (1) through (3) below:

(1) SAMS-1 tracks all work orders and repair parts, and processes information received from supported units.

(2) SAMS-2 collects, stores, and retrieves maintenance information from SAMS-1 sites, and allows managers to coordinate maintenance workloads.

(3) SAMS-2 also passes significant maintenance and supply information to higher commands for the purpose of maintenance engineering and readiness reporting.

13-2. Using unit procedures

a. Unit level activities with Unit Level Logistics System (ULLS) will report maintenance information to SAMS. Unit level activities without ULLS may report maintenance information to SAMS if local or higher commands desire. Reporting of maintenance information will be accomplished as outlined below.

(1) When ULLS is fielded to a company, maintenance, and INOP information will be passed to SAMS utilizing an output process in ULLS.

(2) Units without ULLS supported by a SAMS DS/GS activity, who are to report customer inop equipment data on the DA Form 2406 for reportable/maintenance-significant items, will utilize DA Form 5409 and DA Form 5410. Units will complete the forms per this chapter.

(3) Units without ULLS will maintain a DA Form 2405 requesting support maintenance from DS/GS activities supported by SAMS (see chap 3).

(4) The using units will keep other forms as required in chapters 2, 3, 5, and 11, and appendix E.

b. The automated processes in SAMS supersede all manual procedures. If the SAMS Standard Army Management Information System (STAMIS) fields a new version of software, and the changes require updates to the SAMS user manual, then the user manual takes precedence over this DA pamphlet. In cases that there is a conflict on form disposition instructions between this pamphlet and the SAMS user manual, then this pamphlet takes precedence.

13-3. SAMS forms and procedures

a. See chapter 3 for procedures and examples of maintenance forms used by manual units as well as those units supported by SAMS.

b. Unique SAMS forms are addressed in this chapter. DA Forms 5409 and 5410 feeds the inoperative equipment process at the SAMS-2 level. SAMS applies the term "inoperative (inop)equipment" to a reportable or locally designated command maintenance significant item that is NMC (see para 13-5). The inop module in SAMS-2 is intended to provide readiness management capability within the division, COSCOM, SUPCOM, etc. It is not for compliance with DA/wholesale readiness reporting requirements. In other words, SAMS-2 Inop reporting is not intended for reporting property book equipment shortages.

13-4. DA Form 2407 and 2407-1, serial number tracking (SNT) implementation within SAMS

a. *Background.* A new process has been added to SAMS with System Change Package (SCP) L21-04-00 that meets the initial DA directed requirements for reporting of critical/high dollar value components of selected end items associated with the M1, M1A1, and M1IP tanks. The purpose of the process is to capture maintenance actions performed on these items in the DS/GS SAMS-1 activities and forward them through SAMS-2 to LOGSA.

b. *Updating the SAMS files.* The SAMS-2 Equipment Master File (EMF) will contain those DA designated SNT reportable end items and components as shown below. The major end item NSN and its associated SNT component NSNs must be identified as SNT "Y."

(1) Major end item NSNs and component NSNs required to be reported by serial number are listed in table 13-1.

(2) The SAMS-2 operator is responsible for updating the SAMS2 EMF with the NSNs in table 13-1 and will in turn "download" these changes to SAMS-1.

c. SAMS/SNT procedures.

(1) When SAMS-1 receives a maintenance request for an SNT item, which may be the end item or the component, and the work involved based on the task record is associated with an SNT component, SAMS-1 will enter data from the task record with the appropriate information, based on the maintenance action performed.

(2) DA Form 2407, Block 25, will be used to record SNT information. The information will be annotated by the work center NCO/foreman and will be updated by him or her prior to being turned into the production control clerk. Maintenance activities utilizing SAMS-1 will ensure that all necessary data required is entered to record SNT data for the selected end items and components listed in table 13-1. (See fig 3-19 for a sample DA Form 2407 used for serial number tracking.)

Table 13-1
List of SNT reportable Items

NSN	EIC	ECC	Nomenclature
2520-01-067-9048	N/A	FB	Transmission M1
2520-01-121-6467	N/A	FB	Transmission M1
2520-01-136-1191	N/A	FB	Transmission w/o container
2520-01-157-3745	N/A	FB	Transmission M1 w/container

Table 13-1
List of SNT reportable Items—Continued

NSN	EIC	ECC	Nomenclature
2520-01-202-9865	N/A	FB	Transmission M1A1 w/ container
2520-01-203-0178	N/A	FB	Transmission M 1A1 w/o container
2520-01-207-3527	N/A	FB	Transmission M1 A1 w/o hangons
2520-01-210-8795	N/A	FB	Transmission M1A1 w/ hangons and cannister
2835-01-073-0724	N/A	FB	RGB for M1 W/o container
2835-01-073-7747	N/A	FB	Rear module M1 w/o container
2835-01-073-8053	N/A	FB	AGB for M1 w/o container
2835-01-083-2975	N/A	FB	Forward module M1 w/o container
2835-01-119-4095	N/A	FB	AGB for M1
2835-01-120-3674	N/A	FB	Engine, M1
2835-01-120-3675	N/A	FB	Forward module M1
2835-01-140-2367	N/A	FB	RGB for M1
2835-01-178-7244	N/A	FB	Forward module M1
2835-01-178-7245	N/A	FB	Rear module M1
2835-01-178-7246	N/A	FB	RGB for M1
2835-01-197-8325	N/A	FB	AGB for M1
2835-01-216-8639	N/A	FB	Engine M1A1
2835-01-222-7936	N/A	FB	Forward module M1A1
2350-01-061-2445	AAA	FB	Tank combat 105 M1
2350-01-087-1095	AAB	FB	Tank combat FT M1A1
2350-01-136-8738	AAC	FB	Tank combat FT M1IP

d. Reporting requirements.

(1) Serial number reporting is not required when a serviceable item is removed solely to aid other maintenance actions and the same serial numbered item is to be immediately reinstalled on the item from which it was removed.

(2) Serial number reporting is required when a designated NSN in table 13-1 has any action done as designated by the following action code:

- (a) A—Replaced.
- (b) C—Repaired.
- (c) H—Modification work order applied.
- (d) O(Alpha)—Overhauled.
- (e) R—Removed.
- (f) S—Installed.

13-5. DA Form 5409 (inoperative Equipment Report(IER))

a. *Purpose.* DA Form W9 provides SAMS with the customer unit portion of the inoperative equipment data required to automate readiness management. (See Figures 13-1 through 13-3.)

b. *Use.* DA Form 5409 is used to report inoperative items that are reportable equipment identified in AR 700-138, including subsystems of reportable weapon systems, or command maintenance significant equipment that is designated by your local commander for special management. The DA Form 5409 will not be used by units operating under the ULLS.

c. General instructions.

(1) A DA Form 5409 is required whenever an item of equipment becomes NMC and meets the definition of an inoperative item in paragraph 13-3b. The form is prepared by the unit maintenance clerk and forwarded to support maintenance for input to SAMS. Turn in all 5409 IERs to the supporting DS SAMS-1 site each day. If an inoperative item goes to DS for repair after becoming NMC, make sure the DA Form 5409 is sent with the item to the DS shop. When an item is evacuated, SAMS tracks the item while in the support shop using the ORGWON.

(2) A DA Form 5409 can also be used when an inoperable item has a change in status at the customer level. However, if minimum input is desired, additional status may be limited to only significant changes (e.g., when evacuated to DS for repair). Only blocks 1, 2,

and 12a, b, and c are required for a status change on a DA Form 5409.

(3) So that support maintenance and SAMS-2 know what to do with the information on the form, use of a File Input Action Code in block (1) is required. There are three action codes associated with DA Form 5409; "A"—used only when the item initially becomes inoperative; "C"—used to report changes in status for an inoperative item that has been reported, or for a Controlled Exchange action; and "D"—used to remove an inoperative item from deadline. When a DA Form 5409 IER with action code "D" is submitted, the associated part records for the inoperative item are also deleted in SAMS-2.

d. Disposition.

(1) After entering information in blocks (11) through (21), copies of DA Form 5409 will be distributed as follows:

(a) Send one copy to support maintenance.

(b) Insert one copy in the Visible File Index with any previous ones.

(c) Insert one copy in the DA Form 3999-4 (Maintenance Work Request Envelope).

(2) Although one copy of the form must go to support maintenance, local SOP can change the distribution of the other copies. Individual copies of the form are not retained at unit level unless required for local use. Those copies, if required locally, will not be maintained past the current MCSR reporting period.

13-6. DA Form 5410 (Unit Level Deadlining Parts Report (ULDPR))

a. Purpose. DA Form 5410 is used to identify/report parts that cause inoperative reportable equipment to be not mission capable-supply (NMCS). (See figs 13-4 through 13-6.)

b. Use. DA Form 5410 is used—

(1) To track NMCS parts in SAMS.

(2) By SAMS-2 maintenance managers to target critical parts for intensive management. The DA Form 5410 will not be used by units operating under the ULLS.

(3) To cross reference a maintenance request with any deadlining part and to provide deadlining parts information to the MMC.

c. General instructions.

(1) When inoperative equipment is NMCS, the first DA Form 5410 related to the deadlined part(s) should be submitted to support maintenance with the DA Form 5409 reporting the deadline. If this is not the case, a DA Form 5410 must be submitted to support maintenance as soon as any deadlined parts are identified, but not on hand. An action code of "A" must be entered in Block I of the DA Form 5410. Leave Block 6 blank.

(2) Submit a DA Form 5410 (ULDPR) with an action code of "C" in Block 1, showing the new quantity on hand in block 6, when a partial or complete receipt occurs. Blocks 2, 3, 4, 5, 7, 8, 9, and 10 must also have entries.

(3) Submit a DA Form 5410 with an action code of "D" when the quantity required for a particular part is cancelled or no longer required. Only Blocks 1, 2, 3, 8, 9, and 10 are required for submission of a DA Form 5410 with an action code of "D". If by satisfying the part requirement, the equipment is no longer deadlined, the submission of the DA Form 5409 with an action code of "D", removing it from deadline, will automatically delete associated part records in SAMS for that item of equipment. All deadlining parts for one ORGWON must be entered on the same DA Form 5410, if possible.

(4) A DA Form 5410 with an action code of "D" can also be used to report complete receipt of parts, if your SAMS site agrees.

d. Disposition.

(1) Forward the original copy of the form to support maintenance.

(2) Forward the 2d copy to the battalion maintenance office.

(3) Keep the 3d copy behind the DA Form 5409 in the maintenance shop control (visible index) file for ready reference.

13-7. Maintenance control file

a. Each unit will set up a maintenance control file in a visible index file to show the status of reportable equipment in the unit and at support maintenance. Copies of current DA Forms 5509 and 5410 go in this file.

(1) A recommended record-keeping system to make sure that DA Form 5409 and DA Form 5410 are properly filled out and submitted is contained in DA Pam 750-35.

(2) ULLS automates this record-keeping at the unit level.

b. DA Forms 5409 go in the maintenance control file in ORGWON sequence. The oldest appears at the top of the file; the newest, at the bottom. As work requests are closed out, remove the DA Form 5409 and throw it out.

c. Update information in the maintenance control file whenever a maintenance request status changes. Fill in a new DA Form 5409 and file it on top of any previous DA Forms 5409 with the same ORGWON. The DA Form W9 will be forwarded to support maintenance each day prior to the established cutoff. Do not fill out a DA Form 5409 if no status changes occur during the day.

d. DA Forms 5410 showing status of an inoperative reportable item will be filed in the maintenance control file under the DA Form 5409 for that item.

e. Maintenance supervisors check the maintenance control file weekly to make sure that forms are thrown out as actions are completed and forms have been added for any new deficiencies. Supervisors will also review forms on older, existing deficiencies to confirm the status and ensure that all possible actions have been taken to repair the equipment.

13-8. DA Form 3999-4 (Maintenance Work Request Envelope)

a. Use.

(1) The DA Form 3999-4 is used to store the forms required to record maintenance actions.

(2) It tracks the work order and the equipment location by entries on the face of the envelope each time the related equipment moves from one location to another. (See fig 13-7.)

b. General instructions.

(1) DA Form 3999-4 is a reusable envelope. The envelope has four preprinted blocks for posting a work order number and the applicable identification. Each block has four columns entitled "Location", "Section", "Mechanic", and "Date".

(2) Each section supervisor or repairer receiving the maintenance work request envelope will sign for the envelope in the applicable block on the form. The last entry will indicate the exact location of the equipment by bay, parking lot, or bin number.

(3) When the maintenance request has been closed, the block pertaining to that request will be marked out and the next open block of the remaining blocks will be used for a new maintenance request.

c. Disposition. Destroy the envelope when the current maintenance request on the envelope has been closed and all other blocks have been used.

13-9. Selected SAMS output reports

a. SAMS provides various output reports, as shown below, providing maintenance management information for all levels. Some of these reports are contained in figures 13-8 through 13-11.

(1) *SAMS-1 Customer Work Order Reconciliation, PCN AHN-004.*

(a) This reconciliation report verifies that the equipment listed is physically in the possession of the supporting maintenance activity. An example of this report is shown in figure 13-8.

(b) The report should be provided to the customer unit on a weekly basis.

(c) The "Write ULLS Diskette" process can be used instead of PCN AHN-004 for those SAMS-1 sites supporting ULLS customers.

(2) *SAMS-2 Equipment Deadlined Over NNN Days by Battalion, PCN AHO-026.*

(a) This report provides a list of WOs that are more than a

specified number of days old (NNN). The specified number of days is entered by the SAMS-2 manager when requesting the report. An example of this report is shown in figure 13-9.

(b) This report is divided into three parts. Part I lists all DA Form 2406 reportable items on deadline. Part II lists all command maintenance-significant items on deadline. Part III is a summary of the complete report, which lists the Parent UIC and name, reportable items, ERC A, pacing items, maintenance-significant items, and gives a command total within each area per battalion.

(c) When the number of days (NNN) is set to 000 (or blank), the report is a current "reverse side" DA Form 2406.

(3) SAMS-2 Work Order Status and Parts Listing, PCN AHO-032.

(a) The Work Order Status and Parts Listing Report is selective

by UIC (support or unit), WO status, and ECC or EIC for open work orders which, by priority, exceed the number of days set when requesting the report. This report also provides a listing of parts by WO or ECC for each EIC.

(b) Information is sorted by support UIC or customer UIC, support ECC, or work order number (WON). An example of the report will be shown in figure 13-10.

(4) SAMS-2 Maintenance Cost by Customer, PCN AHO-022.

(a) This report is produced to provide the customer with an exact cost for the repair of unit equipment by WON. The report can also be used to bill a customer for services performed when using inter-service support agreements. An example of this report is shown in figure 13-11.

(b) Information is sorted in order by UIC support, UIC customer, and WON.

INOPERATIVE EQUIPMENT REPORT												
For use of this form, see PAM 738-780; the proponent agency is DCSLOG												
1. FILE INPUT ACT CD	2. UNIT WORK ORDER NO. (ORG WON)				3. ID	4. NSN OF DEADLINED ITEM						[]
A	Z.E.C.E.A.D.6.D.D.7.3				A	2.3.2.D.D.1.7.7.9.2.5.8						
5. SERIAL NUMBER OF DEADLINED ITEM					6. MALFUNCTION DESCRIPTION							
2.4.7.5					WATER IN OIL							
7. ERC	8. WS D/L	9. WPN SYS EIC		10. SERIAL NUMBER OF WEAPON SYSTEM (WS SERIAL NO.)			11. NUMBER NO./TAIL NO.					
A	Y	B.A.F.		24.7.5			H.Q.2.2					
12a. STATUS CODE	b. ORDINAL DATE	c. MILITARY TIME	d. REPORTED BY		e. DATE ENTERED AT SAMS SITE	f. TIME ENTERED	g. SAMS SITE REP INIT					
C	8.6.D.7.1	1.0.3.0	Y W Z									
13. UNIT WORK ORDER NUMBER			14. PD	15. INP	16. PARTS	17. WAITING SHOP	18. IN SHOP	19. AT SPT	20. WAITING PICK-UP	21. NUMBER NO./TAIL NO.		
Z.E.C.E.A.D.6.D.D.7.3			05							H.Q.3.2		

This portion is provided for convenience in typing the lower lines. To be detached prior to placing in KARDEX or other visible-type file.

Figure 13-1. Sample of a completed DA Form 5409 (Add)

Legend for Figure 13-1:

Completion instructions by block number and title for DA Form 5409 (Add)

- (1) **File Input Act Cd.** Enter the File Input Action Code "A" for— Addition of a New Inop Record.
- (2) **Unit Work Order No. (ORG WON).** Enter the Organization WON (ORGWON) assigned from the unit DA Form 2405.
- (3) **ID.** Enter an "A" for NSN.
- (4) **NSN Of Deadlined Item.** Enter the NSN for the inoperative item.
- (5) **Serial Number Of Deadlined Item.** Enter the serial number of the inoperative item.
- (6) **Malfunction Description.** Enter brief description of the deadlining fault in 16 alpha/numeric characters or less.
- (7) **ERC.** Enter the Equipment Readiness Code (ERC) for the item. Codes are "A," "B," "C," "P" or space. If a weapon system is inoperative, enter the ERC of the weapon system. An ERC is assigned to each

item in your MTOE. Pacing items are identified in AR 220-1, which governs the use and application of ERCs.

(8) **WS D/L.** Is the item causing a weapon system to be inoperative (deadlined)? Enter Weapon System Deadline Code "Y" (Yes), or "N" (No).

Note: If you enter N in Block (8), leave blocks (9) and (10) blank. If you enter Y, you must fill in blocks(9) and (10).

(9) **WPN Sys EIC.** Enter the Weapon System End Item Code (EIC) for the weapon system if it is reportable on the MCSR. AR 700-138 lists the equipment and their subsystems. Leave blank if Block (8) WS D/L is N. WPN Sys EIC's are also identified on the Reportable Equipment Validation File Listing (REVF) which can be obtained from the SAMS-2 sites.

(10) **Serial Number Of Weapon System.** Enter the serial number of the deadlined weapon system. Leave blank, if an "N" is entered in Block 8 (WS D/L)

(11) **Bumper No./Tail No.** Enter the bumper number, tail number, or administration number, if applicable.

(12a) **Status Code.** Enter the current status code. Valid Status codes are:

- Code Description
- 1 Awaiting NMCS Parts
- B In Shop
- C Awaiting Shop
- I Awaiting Shop While Awaiting Parts
- J In Shop Awaiting NMCS Parts
- M Evacuated NMCS

O Awaiting Evacuation

(12b) **Ordinal Date.** Enter the ordinal date of the current status entered in Block 12a.

(12c) **Military Time.** Enter the military time of day of the current status entered in Block 12a.

(12d) **Reported By.** The person reporting the status information initials in this block.

(12e)-(12g) Will be completed by the clerk at the SAMS site.

(13)-(21) If you put the IER in a visible file, you can enter the ORGWON, PD, and bumper number at the bottom. You can then use a signal tab to identify the current status (Blocks 15-20).

INOPERATIVE EQUIPMENT REPORT											
For use of this form, see PAM 738-750; the proponent agency is DCSLOG											
DA FORM 5409, APR 87	1. FILE INPUT ACT CD	2. UNIT WORK ORDER NO. (ORG WON)				3. ID	4. NSN OF DEADLINED ITEM				
	C	Z.E.C.E.A.0.6.0.0.0.7.3									
DA FORM 5409 (TEST), APR 85, MAY BE USED	5. SERIAL NUMBER OF DEADLINED ITEM					6. MALFUNCTION DESCRIPTION					
7. ERC	8. WS D/L	9. WPN SYS EIC	10. SERIAL NUMBER OF WEAPON SYSTEM (WS SERIAL NO.)			11. BUMPER NO./TAIL NO.					
12a. STATUS CODE	b. ORDINAL DATE	c. MILITARY TIME	d. REPORTED BY		e. DATE ENTERED AT SAMS SITE	f. TIME ENTERED	g. SAMS SITE REP INIT				
B	8.6.0.7.2	1.2.3.0	JWF								
13. UNIT WORK ORDER NUMBER	14. PD	15. INSP	16. PARTS	17. WAITING SHOP	18. IN SHOP MAINT.	19. AT SPT	20. WAITING PICK-UP	21. BUMPER NO./TAIL NO.			
Z.E.C.E.A.0.6.0.0.0.7.3	05							H.0.2.2			
This portion is provided for convenience in typing the lower lines. To be detached prior to placing in KARDEX or other visible-type file.											

Figure 13-2. Sample of a Completed DA Form 5409 (Status Update)

Legend for Figure 13-2:

Completion instructions by block number and title for DA Form 5409 (Status Update)

(1) **File Input Act Cd.** Enter File Input Action Code "C" for— Change to previous input; status changes, corrections, or Controlled Exchange.

(2) **Unit Work Order No. (ORG WON).** Enter the Organization WON (ORGWON) of the work order that the status update applies to.

(3)-(11) **Leave blank.**

(12a) **Status Code.** Enter the update status. Valid Status codes are:

- Code Description
- 1 Awaiting NMCS Parts
- B In Shop
- C Awaiting Shop

I Awaiting Shop While Awaiting Parts

J In Shop Awaiting NMCS Parts

M Evacuated NMCS

O Awaiting Evacuation

(12b) **Ordinal Date.** Enter the ordinal date of the update status entered in Block 12a.

(12c) **Military Time.** Enter the military time of day of the update status entered in Block 12a.

(12d) **Reported By.** The person reporting the status information initials in this block.

(12e)-(12g) Will be completed by the personnel at the SAMS site.

(13)-(21) If you put the IER in a visible file, you can enter the ORGWON, PD, and bumper number at the bottom. You can then use a signal tab to identify the current status (Blocks 15-20).

INOPERATIVE EQUIPMENT REPORT										
For use of this form, see PAM 738-750; the proponent agency is DCSLOG										
1. FILE INPUT ACT CD D	2. UNIT WORK ORDER NO. (ORG WON) Z.E.C.F.A.D.6.000.7.3				3. ID	4. NSN OF DEADLINED ITEM				
5. SERIAL NUMBER OF DEADLINED ITEM					6. MALFUNCTION DESCRIPTION					
7. ERC	8. WS D/L	9. WPN SYS EIC		10. SERIAL NUMBER OF WEAPON SYSTEM (WS SERIAL NO.)			11. BUMPER NO./TAIL NO.			
12a. STATUS CODE	b. ORDINAL DATE	c. MILITARY TIME	d. REPORTED BY		e. DATE ENTERED AT SAMS SITE	f. TIME ENTERED	g. SAMS SITE REP INIT			
			JWZ							
13. UNIT WORK ORDER NUMBER				14. PD	15. INOP	16. PARTS	17. WAITING SHOP	18. IN IS. AT SPT SHOP MAINT.	19. WAITING PICK-UP	21. BUMPER NO./TAIL NO.
<p style="text-align: center;">This portion is provided for convenience in typing the lower lines. To be detached prior to placing in KARDEX or other visible-type file.</p>										

Figure 13-3. Sample of a Completed DA Form 5409 (Deletion/Closeout)

Legend for Figure 13-3:
Completion Instructions by block number and title for DA Form 5409 (Deletion/Closeout)

(1) **File Input Act Cd.** Enter File Input Action Code "D" for— Deletion/Closeout of an INOP record.

Note:

This input also deletes all associated part records. Do NOT submit DA Form 5410 "Deletes".

(2) **Unit Work Order No. (ORG WON).** Enter the Organization WON (ORGWON) of the work order that the delete applies to.

(3)–(12c) Leave blank.

(12d) **Reported By.** The person reporting the status information signs in this block.

(12g)–(12g) Will be completed by the personnel at the SAMS site.

(13)–(21) If you put the IER in a visible file, you can enter the ORGWON, PD, and bumper number at the bottom. You can then use a signal tab to identify the current status (Blocks 15–20).

Work Order Number. Enter the Organization Work Order Number (ORGWON) from DA Form 2405.

Equip. Enter the noun abbreviation.

USA Ser No. Enter the equipment serial number, registration number, or other identifying number.

Location. The person preparing the form will enter the initial location of the equipment. As the equipment moves, the person receiving the equipment for work will enter the new location.

Section. The mechanic who receives the equipment will enter his or her section identification.

Mechanic. The mechanic performing the work will enter his or her initials.

Date. Enter the date the equipment moved into the section: DDMMYY. Note:

Each time the equipment and envelope change hands, the person receiving the equipment for work will fill out the Location, Section, Mechanic, and Date blocks on the next open line.

PREPARED 24 JUL 98										SAMS-1 CUSTOMER WORK ORDER RECONCILIATION				PCN AHN-004		
UIC SUPPORT			UNIT NAME SUPPORT			UIC CUSTOMER			UNIT NAME CUSTOMER							
WDKAD0			D CQ, 4TH MSB			WA2530			SVC BTRY 2/35TH FA BN							
WON		SHP		BUMPER		MODEL		SERIAL NO		QTY	NMC	FROM		TO		CURRENT
PD	CD	NO	NSN	NO	NSN						CAT	DATE	TIME	DATE	TIME	STATUS
A40000	03	A	SVC	01	2320-00-050-8978	TRUCK	TRAC	V763075647-76	1	1	M	84347	0830	84347	0830	1
A40001	13	I	SVC	49	2320-00-051-0489	TRUCK	WREC	TTT123	1	1	M	84353	0706	PRESENT		A
A40002	13	I	SVC	50	2320-00-077-1642	M292A2		435678	1	1	M	84353	0744	84353	0744	B
A40003	13	I	SVC	77	2320-01-025-3733	M911		PPQXR-4	1	1	M	84355	0833	84355	0833	P
A50002	03	T	SVC	22	1005-01-025-0095	M240		2039-11	1	1	M	85001	1012	PRESENT		A

Figure 13-8. Sample of SAMS-1 Customer Work Order Reconciliation PCN AHN-004

Legend for Figure 13-8:

The specific headings for the SAMS-1 Customer Work Order Reconciliation, PCN AHN-004, are—

(1) **UIC Support.** Support unit UIC.

(2) **Unit Name Support.** Name of support unit.

(3) **UIC Customer.** Shows the UIC of the customer activity. Your UIC.

(4) **Unit Name Customer.** The customer unit name, the unit for whom the list is prepared. Your unit name.

(5) **WON (Work Order Number).** The 12-position SPT WON assigned to the work order by the supporting DSU.

(6) **PD.** Priority Designator.

(7) **Shop CD.** Shop Code.

(8) **Bumper No.**

(9) **NSN.** The NSN or other identifying number of the item at support maintenance.

(10) **Model.** The model and/or the name of the item.

(11) **Serial No.** The serial number of the specific item at support maintenance.

(12) **Qty.** The quantity of these items which were accepted for repair.

(13) **NMC CAT (Not Mission Capable Category).** This column has 3 entries: NMCM—"M", NMCS—"S", or EVAC—"E". Each time there is a status change, the NMC category prints along with the date/time. This information is used by SAMS to produce the MCSR and can be used by you to verify NMCM and NMCS time.

(14) **From/To Date/Time.** The ordinal date (YYDDD) and time covered by the indicated NMC category.

(15) **Current Status.** The current status of the work order. Appendix B, Table B-21, lists these status codes. Note: The customer compares the list with his or her open Maintenance Request Forms (DA Form 2407) to ensure agreement. This report is used to determine what was sent to the DSU and provides current work order status on the as-of date of the report.

PCN AHO-026
 REPORT SORTED BY: MODEL/AGE

PREPARED 16 JUL 92 TIME 1531 SAMS-2 EQUIPMENT DEADLINED OVER 001 DAYS BY BATTALION
 PART I - REPORTABLE ITEMS

UICS SELECTED FOR THIS REPORT = WABCDE
 EICS SELECTED FOR THIS REPORT = BMA B2D BBD BBE BRT AAA

UIC BATTALION	UNIT NAME	BATTALION	DOC NO	REPAIR PART NOUN AND NSN	QTY	MO	QTY	OH	SRCE	PD	MM-RMN	DATE	ESD	MALFUNCTION DESCRIPTION	MAINT LVL	ERC	DAYS DL*
WABCDE	6TH EN	99TH FA	WPN SYS MODEL OR NOUN/SERIAL NUMBER	SYS DL	NO	NO	NO	NO	NO	NO	CD	DATE	DATE	DESCRIPTION	LVL		
M35A2TRKCGO	C9	054012840	ORG SPT B	00000 ABCD00200490	4.0	92130	92130					00000	00000				67
MISSING ORG DATA																	
M925WH	AB	054012129	ORG M	92190 ABCD00200257		92160	92160							PIPE BROKEN		A	37
NO SUPPORT STATUS RECEIVED																	
M977WH	C30	014523	ORG M	92161 ABCD00200249		92161	92161							ENGINE INOP		A	36
MISSING ORG DATA																	
M998	C32	047428	ORG M	92191 ABCD00200574		92191	92191							SWITCH ROT		A	6
MISSING ORG DATA																	
M99HA521940011	LINING, F	2530-01-185-6699	2	0	A	03											
M99HA521940010	SWITCH ROT	2920-01-134-5036	1	0	A	03											
M99HA521940002	SWITCH, S	2920-01-249-3492	1	0	A	03											
BATTALION UNIT TOTAL																	4

END PAGE 1

Figure 13-9. Sample of a SAMS-2 Equipment Deadlined Over NNN Days by Battalion, PCN AHO-026

Legend for Figure 13-9:
 The specific headings for the SAMS-2 Equipment Deadlined Over NNN Days by Battalion, PCN AHO-026, are—
 (1) SAMS-2 Equipment Deadlined Over NNN Days By Battalion.

The heading of the report shows the number of days that is the cutoff (i.e., equipment deadlined over that number of days are shown on the report).

(2) Part I — Reportable Items, or Part II — Maintenance Significant Items. This heading shows Part I or Part II of the report. The formats for both parts are identical.

(3) UIC Battalion. Unit Identification Code of the battalion (UIC BN).

(4) Unit Name Battalion. Unit name in the clear.

(5) Weapon System Mode I or Noun/End Item Model or Noun. Name or model number of the item of equipment (WPN SYS not shown on Part II).

(6) Serial Number. Serial number of the weapon system/end item.

(7) SYS DL. Weapon System Deadlined Code for the item (not shown on Part II). Codes are:

Y—Deadlined System (NMC)

N—Not System Applicable (does not deadline system)

P—Impairs system (partial mission capable). Aviation only; not presently used in SAMS.

(8) WO CD. The Work Request Status Code, indicating the status of work being done.

(9) STA DATE. The Status Date indicates when the status code (in (8)) was last changed.

(10) WON. Work Order Number, assigned to identify and track the maintenance request.

(11) MH—RMN. Man—hours Remaining. Estimate of the number of man—hours still required to complete the work order.

(12) Date DL. Date the item was deadlined at unit level or date accepted at support.

(13) Malfunction Description. A brief description of the problem.

(14) ERC. Equipment Readiness Code of the item is a code used to show whether the item is:

A—Primary Weapons and Equipment (PWE)

B—Auxillary Equipment (AE)

C—Admin Support Equipment (ASE)

P—Pacing Item (Item so important it is subject to continuous monitoring.)

(15) Days DL. Total number of days (as of the prepared date) the item has been deadlined.

(16) Bumper No. Locally assigned number used to identify the item.

(17) DOC NO. Document number of the supply transaction requesting repair parts for the work order.

(18) Repair Part Noun and NSN. Name and number of the repair part needed.

(19) QTY RQD. Quantity Required. Quantity of the part needed to accomplish the repair.

(20) QTY OH. Quantity On Hand. Quantity of the part available to issue to the work order.

(21) SRCE. Supply Source Code indicates where the part comes from.

(22) PD. Priority Designator. Priority assigned the supply transaction.

(23) Status CD and Date. Last status of the supply transaction and the date the status was assigned.

(24) ESD. Estimated Shipping Date. Estimated date the part will be shipped (if provided by the supply source).

(25) Maint Level. Level at which maintenance is being performed. O=Organization, S=Support.

(26) Battalion Unit Total. Total number of equipment/system deadlined for the battalion shown in (3) and (4).

REMARKS. PART III SUMMARY gives the Command Totals for Reportable Items, Pacing Items, ERC A Items, and Maintenance Significant Items.

PCN AHO-032

PREPARED 16 JUL 92 TIME 0907 SAMS-2 WORK ORDER STATUS AND PARTS LISTING

PD 01-03 WORK ORDERS OVER 0 DAYS OLD, PD 04-08 WORK ORDERS OVER 0 DAYS OLD, PD 09-15 WORK ORDERS OVER 0 DAYS OLD

UIC'S SELECTED FOR THIS REPORT = WJUBBO
 WO STATUSES SELECTED FOR THIS REPORT = ALL
 ECC'S SELECTED FOR THIS REPORT = ALL

MON	PD	ECC	MODEL OR NOUN	QTY	NSN	REC	PART NSN	PART NOUN	RCD	ISS	DI	SRCE	CD	DATE	ESD	WO AGE	EVAC MON	
###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	
###	03	GL	HEATER PERSONNEL ASSY	1	2540-00-930-8938		WAAHCO	1	0	0	0	0	0	92195	M	92196	52	DC9X0A003437
JUBBOA203421	03	JA	AN/PVS-5	1	5855-00-150-1820		WAAHCO	1	0	0	0	0	0	92160	I	92169	37	
###	###	###	W44WEN21610024		5855-00-125-0753	RETAINER	1	1	0	A	BB	92194	92201					
###	###	###	W44WEN21610053		5855-01-034-3845	IMAGE IN	1	1	0	A	RC	92194						
JUBBOA203422	03	JA	AN/PVS-5	1	5855-00-150-1820		WAAHCO	1	0	0	0	0	0	92163	I	92196	34	
###	###	###	W44WEN21630020		5855-00-125-0753	RETAINER	1	1	0	A	RC	92194						
###	###	###	W44WEN21630021		5855-00-137-6548	LENS AS	2	0	2	A	BB	92190	92200					
JUBBOA204233	03	QH	MS4	1	4320-01-047-1927		WAAHCO	1	0	0	0	0	0	92166	M	92191	31	OV4FDA018389
JUBBOA205196	06	MS	M131ASC	4	2330-00-226-6080		WAAHCO	1	0	0	0	0	0	92178	I	92195	21	
###	###	###	W44WEN21800019		5340-00-664-1311	HINGE STRAP	2	2	0	A	RC	92187						
###	###	###	W44WEN21800020		9535-00-232-0378	SHEET METAL	15	0	15	A	BB	92188						
JUBBOA205325	03	HJ	M816HW	1	2320-00-051-0489		WAAHCO	1	0	0	0	0	0	92184	C	92195	13	OV4FRA026630
###	###	###	W44WEN21870001		2590-00-472-1642	CONTROL BOX	1	1	0	A	RC	92195						
###	###	###	W44WEN21870061		2815-01-178-0268	ENGINE	1	1	0	A	RC	92195						
###	###	###	W44WEN21870014		2910-00-444-0257	GOVERNOR FUE	1	1	0	A	RC	92195						
###	###	###	W44WEN21870025		2910-00-497-1925	PARTS KI	1	1	0	A	RC	92195						

END PAGE 1

Figure 13-10. Sample of a SAMS-2 Work Order Status and Parts Listing, PCN AHO-032

Legend for Figure 13-10:

The specific headings in the SAMS-2 Work Order Status and Parts Listing, PCN AHO-032, are-

(1) Report Parameters. Age of work orders, by priority designator group, that are shown on the report.

(2) UIC's, WO StatUSES.ECC's/EIC's Selected for this Report. The selections made in the Reports Activity appear here.

(3) Equipment Category Code. ECC of the equipment being repaired.

- (7) **Model or Noun.** The item model or name.
- (8) **EIC.** The End Item Code for this item.
- (9) **WO Qty.** Work Order Quantity. The total number of items on each work order.
- (10) **MIL Direct Labor MH and Cost.** The military man-hours worked and the labor cost totals for this WON.
- (11) **CIV Direct Labor MH and Cost.** The civilian man-hours worked and the labor cost totals for this WON.
- (12) **Total Direct Labor Cost.** Combines the military and civilian labor costs into one total.
- (13) **Indirect Labor Cost.** A percentage (determined by the maintenance activity) of overall cost, used to compute overhead expenses.
- (14) **Repair Parts Cost.** The total cost of all repair parts used in repairing this equipment.
- (15) **Total Cost of Maintenance.** All costs for direct labor, indirect labor, and repair parts are added to produce a total cost of maintenance for this WON.
- (16) **TOTALS.** The SPT WON totals roll up to customer unit totals at the bottom of the page.

Appendix A References

Section I

Required Publications

AR 385-55

Prevention of Motor Vehicle Accidents. (Cited in paras 1-8 and 2-1.)

AR 600-55

Motor Vehicle Driver and Equipment Operator Selection, Training, Testing and Licensing. (Cited in para 2-1.)

AR 700-138

Army Logistics Readiness and Sustainability. (Cited in paras 1-6, 3-3, 3-6, 3-8, 6-1, 12-17, and 13-5.)

AR 750-1

Army Materiel Maintenance and Policies and Retail Management Operations. (Cited in paras 1-1, 1-5, 1-8, 1-10, 3-4,3-6, 3-10, 4-3, 7-2, table 10-1,12-2, and 12-12.)

Section II

Related Publications

A related publication is merely a source of additional information. The user does not have to read it to understand this publication.

AR 12-12

Processing Discrepancy Reports Against Foreign Military Sales Shipments

AR 30-12

Inspection of Subsistence Supplies and Services

AR 40-660

DOD Hazardous Food and Nonprescription Drug Recall System

AR 50-6

Nuclear and Chemical Weapons & Materiel Chemical Surety

AR 55-19

Marine Casualties

AR 55-38

Reporting of Transportation Discrepancies in Shipments

AR 56-9

Watercraft

AR 75-1

Malfunctions Involving Ammunition and Explosives

AR 190-11

Physical Security of Arms, Ammunition, and Explosives

AR 190-51

Security of Army Property at Unit and Installation level

AR 220-1

Unit Status Reporting

AR 310-25

Dictionary of United States Army Terms

AR 310-50

Authorized Abbreviation and Brevity Codes

AR 380-5

Department of the Army Information Security Program

AR 380-86

Classification of Chemical Warfare and Chemical and Biological Logical Defense Information

AR 385-40

Accident Reporting and Records

AR 385-55

Prevention of Motor Vehicle Accidents

AR 600-55

Motor Vehicle Driver and Equipment Operator Selection, Training, Testing, and Licensing

AR 672-20

Incentive Awards

AR 700-22

Worldwide Ammunition Reporting System (WARS)

AR 700-84

Issue and Sale of Personal Clothing

AR 700-139

Army Warranty Program Concept and Policies

AR 710-2

Supply Policy Below the Wholesale Level

AR 710-3

Asset Transaction Reporting System

AR 735-11-2

Reporting of Item and Packing Discrepancies

AR 750-2

Army Materiel Maintenance, Wholesale Operations

AR 750-10

Modification of Materiel and Issuing Safety-of-Use Messages and Commercial Vehicle Safety Recall Campaign Directive

DA Pam 710-2-1

Using Unit Supply System(Manual Procedures)

DA Pam 738-751

Functional Users Manual for The Army Maintenance Management System-Aviation(TAMMS-A)

DA Pam 750-10

US Army Equipment Index of Modification Work Orders

DA Pam 750-35

Functional Users Guide for Motor Pool Operations

FM 21-17

Driver Selection, Training and Supervision - Track Combat Vehicles

FM 21-305/AFR 77-2

Manual for the Wheeled Vehicle Driver

FM 21-306

Manual for the Track Combat Vehicle Driver

FM 55-30

Army Motor Transport Units and Operations

SB 700-20

Army Adopted/Other Items Selected for Authorization/List of Reportable Items

SB 708-41/42

Federal Supply Code for Manufacturers, United States and Canada—Name to Code and Code to Name

SB 708-43

Cataloging Handbook H4/H8 Commercial and Government Entity (CAGE) Sections C and D

SB 742-1

Ammunition Surveillance Procedures

TB 43-0140

Instructions for Preparation of Request for Disposition or Waiver (DA Form 3590) for USATROSCOM Equipment and USATACOM, Non-Developmental Item (NDI)

TB 55-1900-205-24

Watercraft Information and Reporting System (WIRS) Data Collection for Configuration Control

TB 600-1

Procedures for Selection, Training, Testing and Qualifying Operators of Equipment/Systems, excluding Selected Watercraft and Aircraft Managed/Supported by U.S. Aviation Troop Command

TB 600-2

Procedures for Selection, Training, Testing, Qualifying, and Licensing Operators of Construction Equipment, Material Handling Equipment and Armor Vehicle Launched Bridge (AVLB) Managed/Supported by US Army Tank-Automotive Materiel Readiness Command

TB 750-25

Maintenance of Supplies and Equipment: Army Test, Measurement, & Diagnostic Equipment (TMDE) Calibration & Repair Support Program

TB 750-38

Alteration of Communication Security Equipment

TB 750-651

Use of Antifreeze Solutions, Antifreeze Extender, Cleaning Compounds and Test Kit in Engine Cooling Systems

TM 9-1000-202-14

Operator's, Organizational, Direct Support and General Support Maintenance Manual for Evaluation of Cannon Tubes

TM 38-450

Storage and Maintenance of Prepositioned Materiel Configured to Unit Sets (POMCUS)

TM 43-0001-47

Army Equipment Data Sheets Ammunition Peculiar Equipment

Section III**Prescribed Forms****DA Form 2401**

Organizational Control Record for Equipment. (Prescribed in para 2-6a.)

DA Form 2402

Exchange Tag. (Prescribed in para 2-6a.)

DA Form 2404

Equipment Inspection and Maintenance Worksheet. (Prescribed in para 3-4a.)

DA Form 2405

Maintenance Request Register. (Prescribed in para 3-5a)

DA Form 2407

Maintenance Request. (Prescribed in para 3-6a)

DA Form 2407-1

Maintenance Request-Continuation Sheet. (Prescribed in para 3-6a.)

DA Form 240&a

Weapon Record Data. (Prescribed in para 5-3a.)

DA Form 2409-5

Equipment Modification Record. (Prescribed in para 5-6a.)

DA Form 2409-9

Equipment Control Record. (Prescribed in para 5-6a.)

DA Form 2408-14

Uncorrected Fault Record. (Prescribed in para 3-10a.)

DA Form 2408-20

Oil Analysis Log. (Prescribed in para 5-7a.)

DA Form 2409

Equipment Maintenance Log. (Prescribed in para 5-8a.)

DA Form 2415

Ammunition Condition Report. (Prescribed in para 9-4a.)

DA Form 5409

Inoperative Equipment Report. (Prescribed in para 12-13.)

DA Form 5410

Unit Level Deadlining Parts Report. (Prescribed in para 12-13.)

DA Form 5587-R

Report of Drydocking, Painting, and Condition of Vessel Bottom. (Prescribed in para 6-1b(5).)

DA Form 5823

Equipment Identification Card. (Prescribed in para 2-4a.)

DA Form 5992-E

Dispatch Control Log. (Prescribed in para. 12-1b(3).)

DA Form 5983

Equipment Operator's Qualification Record (Automated). (Prescribed in para 12-1b(11).)

DA Form 5983-1-E

Equipment Operator's Qualification Record (Automated). (Prescribed in para 12-1b(11).)

DA Form 5984

Operator's Permit Record. (Prescribed in para 12-1b(12).)

DA Form 5985-E

Class Codes. (Prescribed in para 12-1b(13).)

DA Form 5987-E

Motor Equipment Dispatch. (Prescribed in para 12-1b(2).)

DA Form 5988-E

Equipment Maintenance and Inspection Worksheet. (Prescribed in para 12-1b(5).)

DA Form 5989-E

Maintenance Request Register. (Prescribed in para 12-1b(6).)

DA Form 5990-E

Maintenance Request. (Prescribed in para 12-1b(7).)

DA Form 5991-E

Oil Analysis Request. (Prescribed in para 12-1b(9).)

DA Form 5992-E

Equipment Periodic Usage. (Prescribed in para 12-1b(10).)

DD Form 314

Preventive Maintenance Schedule and Record. (Prescribed in para 3-3a.)

DD Form 862

Daily Inspection Worksheet for Diesel Electric Locomotives and Locomotive Cranes. (Prescribed in para 7-3a.)

DD Form 1335

Field Inspection Data USA, USAX, USNX, DODX Rail Cars. (Prescribed in para 7-4a.)

Section IV**Referenced Forms****DA Form 200**

Transmittal Record

DA Form 285

U.S. Army Accident Report

DA Form 348

Equipment Operator's Qualification Record

DA Form 348-E

Operator Qualification Record

DA Form 1687

Notice of Delegation of Authority Receipt for Supplies

DA Form 1352

Army Aircraft Inventory, Status and Flying Time

DA Form 2406

Materiel Condition Status Report

DA Form 2765-1

Request for Issue or Turn-In

DA Form 3254-R

Oil Analysis Recommendation and Feedback

DA Form 3999-4

Maintenance Work Request Envelope

DA Form 3266-Series

Missile Equipment Supply Assistance Request

DA Form 4640

Harbor Boat Deck Department Log for Class A and B Vessels

DA Form 5273

Harbor Boat Deck and Engine Log for Class A & B Vessels

DA Form 5533

SMART Suggestion Form

DD Form 173

Joint Message Form

DD Form 173/1

Joint Message Form

DD Form 518

Accident Identification Card

DD Form 1348

DOD Single Line Item Requisition System Document (Manual)

DD Form 1348-1

DOD Single Line Item Release/Receipt Document

DD Form 1575

Suspended Tag-Materiel

DD Form 1576

Test/Modification Tag-Materiel

DD Form 1577

Unserviceable (Condemned)Tag-Materiel

DD Form 1650

Ammunition Data Card

DD Form 1970

Motor Equipment Utilization Record

DD Form 2026

Oil Analysis Request

DD Form 2332

Materiel Deficiency Exhibit

FAA Form 6030-1

Facility Maintenance Log

Form FRA F6180-49A

Locomotive Inspection and Repair Record

OF Form 346

U.S. Government Motor Vehicle Operator's Identification Card

SF Form 91

Operator Report on Motor Vehicle Accidents

SF Form 364

Report of Discrepancy (ROD)

SF Form 368

Product Quality Deficiency Report

Appendix B**Codes and Conversion Tables**

B-1. The codes and conversion tables in this appendix are used to prepare referenced forms in this pamphlet (e.g., DA Form 2407/2407-1, DA Form 2408-9, DA Form 5409, and DA Form 5410).(See tables B-1 through B-24.)

B-2. These codes will be used as the standard when automating any maintenance functions.

B-3. No additional codes will be assigned unless authorized by Department of the Army, ATTN: DALO-SMM.

Table B-1**Failure codes—alphabetical**

Code Description

717	Accident damage
127	Adjustment improper
002	Air leak
128	Air start failure
031	Alignment improper
007	Arcing, arced
693	Audio faulty
129	Backfiring
731	Battle damage
710	Bearing or bushing failure
780	Bent

Table B-1
Failure codes—alphabetical—Continued

Code	Description
705	Beyond specified tolerance
135	Binding, includes friction excessive, locked
050	Blistered
060	Brittle
070	Broken
108	Broken safety wire or key
720	Brush failure/worn excessively
109	Buckled, or twisted
900	Burned, includes charred
080	Burned out
171	Burred
111	Burst, exploded, ruptured
024	Calibration incorrect
025	Capacitance incorrect
120	Chafed
910	Chipped
180	Clogged
026	Cold solder joint
027	Collapsed
160	Contact/connection defective
306	Contamination
114	Controls inoperative
844	Corona effect
170	Corroded (metal), includes rusting
190	Cracked
845	Crystallized
029	Current incorrect
116	Cut
115	Damaged
846	Delaminated
200	Dented
210	Detent action poor
117	Deteriorated
968	Dioding
118	Disconnected
230	Dirty
201	Distortion
999	Drive/disk failure/crash (computers)
235	Dry
293	Electrical power loss
295	Electromagnetic environmental effect Electronic interference/discharge
231	Elongated
234	Excessive G forces
015	Excessive noise (electronics)
508	Exposed to fire/high temperature
507	Exposed to salt water environment
290	Fails diagnostic/automatic tests
051	Fails to tune or drifts
602	Failure caused by other component failure
281	Faulty instrument reading
055	Feedback incorrect
240	Flaking
069	Flame out
301	Foreign object damage
250	Frayed
037	Fluctuates, unstable
748	Frequency, erratic or incorrect
179	Fuel pressure incorrect
280	Fungus effect
472	Fuse blown
061	Fused, includes melted
001	Gassy
214	Grooved
300	Grounded
311	Hard landing
855	Heat damage
320	High voltage breakdown
065	High VSWR
079	Hot firing damage
317	Hot start
248	Icing

Table B-1
Failure codes—alphabetical—Continued

Code	Description
916	Impending or incipient failure indicated by spectrometric oil analysis
703	Improper amplitude
627	Improper attenuation
688	Improper energy response
239	Improper fit, form, function
689	Improper source output
340	Improperly installed
088	Incorrect gain
064	Incorrect modulation
169	Incorrect voltage
350	Insulation breakdown
081	Interference
360	Intermittent
374	Internal failure
370	Jammed
381	Leaking (liquid)
382	Liquid/ vapor lock
730	Loose
383	Lock-on malfunction
385	Loose or missing rivets
105	Loose bolts, nuts, screws
181	Low compression
004	Low GM or emission
537	Low power or torque
092	Low power (electronic)
500	Lubrication (over or under) or absent
604	Manifold pressure beyond limits
040	Mechanical binding
372	Metal on magnetic plug
009	Microphonic
253	Misfires
106	Missing bolts, nuts, screws, safety wire
908	Miswired
420	Moisture saturation (condensation)
425	Nicked
799	No defect
305	No fuel cutoff
367	No indicating lights
022	No oscillation
255	No output/incorrect output
008	Noisy (chattering)
398	Oil consumption excessive
603	Oil in induction system
307	Oil leak
405	Oil pressure incorrect
450	Open
003	Open filament tube circuit
457	Oscillating
790	Out of adjustment, includes out of tolerance/calibration
461	Output too high
462	Output too low
481	Over heats
021	Over loaded
464	Overspeed
259	Over size
927	Pinched
520	Pitted
530	Polarity reversed
263	Poor bonding
964	Poor spectrum
977	Pressure incorrect
540	Punctured
476	Rate of feather slow
567	Resistance high
568	Resistance low
734	Rise time incorrect
324	RPM beta governing faulty
315	RPM fluctuation/incorrect
740	Saturation resistance high
935	Scored
473	Seal/gasket blown
840	Seized

Table B-1
Failure codes—alphabetical—Continued

Code	Description
807	Servo mag amp time constant
585	Sheared
196	Shorted
163	Slip ring or commutator failure
640	Slippage
314	Slow acceleration
318	Slow deceleration
159	Smoking
279	Spray pattern defective
271	Sprung
513	Stalls, compressor
329	Starting stall
660	Stripped
945	Structural failure
504	Sudden stoppage, blade/propeller strike
519	Surged
649	Sweep malfunction
695	Sync absent or incorrect
334	Temperature incorrect
664	Tension incorrect
274	Timing off
379	Tooth broken on gear
947	Torn
167	Torque incorrect
816	Total impedance, high
817	Total impedance, low
561	Unable to adjust limit
670	Unbalanced
275	Undersize
680	Unstable
690	Vibration excessive
692	Video faulty
701	Warped
622	Wet
722	Weld cracked, broken, or defective
020	Worn Excessively

Table B-2
Failure codes—numerical

Code	Description
001	Gassy
002	Air leak
003	Open filament tube circuit
004	Low GM or emission
007	Arcing, arced
008	Noisy (chattering)
009	Microphonic
015	Excessive noise (electronics)
020	Worn excessively
021	Over loaded
022	No oscillation
024	Calibration incorrect
025	Capacitance incorrect
026	Cold solder joint
027	Collapsed
029	Current incorrect
031	Alignment improper
037	Fluctuates/unstable
040	Mechanical binding
050	Blistered
051	Fails to tune or drifts
055	Feedback incorrect
060	Brittle
061	Fused, includes melted
064	Incorrect modulation
065	High VSWR
069	Flame out
070	Broken
079	Hot firing damage

Table B-2
Failure codes—numerical—Continued

Code	Description
080	Burned out
081	Interference
088	Incorrect gain
092	Low power (electronic)
105	Loose bolts, nuts, screws
106	Missing bolts, nuts, screws
108	Broken safety wire or key
109	Buckled or twisted
111	Burst, exploded, ruptured
114	Controls inoperative
115	Damaged
116	Cut
117	Deteriorated
118	Disconnected
120	Chafed
127	Adjustment improper
128	Air start failure
129	Backfiring
135	Binding, includes friction excessive, locked
159	Smoking
160	Contact/connection defective
163	Slip ring or commutator failure
167	Torque incorrect
169	Incorrect voltage
170	Corroded (metal), includes rusting
171	Burred
179	Fuel pressure incorrect
180	Clogged
181	Low compression
190	Cracked
196	Shorted
200	Dented
201	Distortion
210	Detent action poor
214	Grooved
230	Dirty
231	Elongated
234	Excessive G forces
235	Dry
239	Improper fit, form, function
240	Flaking
248	Icing
250	Frayed
253	Misfires
255	No output/incorrect output
259	Over size
263	Poor bonding
271	Sprung
274	Timing off
275	Undersize
279	Spray pattern defective
280	Fungus effect
281	Faulty instrument reading
290	Fails diagnostic/automatic tests
293	Electrical power loss
295	Electromagnetic environmental effect Electronic interference/discharge
300	Grounded
301	Foreign object damage
305	No fuel cutoff
306	Contamination
307	Oil leak
311	Hard landing
314	Slow acceleration
315	RPM fluctuation/incorrect
317	Hot start
318	Slow deceleration
320	High voltage breakdown
324	RPM beta governing faulty
329	Starting stall
334	Temperature incorrect
340	Improperly installed
350	Insulation breakdown

Table B-2
Failure codes—numerical—Continued

Code	Description
360	Intermittent
367	No indicating lights
370	Jammed
372	Metal on magnetic plug
374	Internal failure
379	Tooth broken on gear
381	Leaking (liquid)
382	Liquid/vapor lock
383	Lock-on malfunction
398	Oil consumption excessive
405	Oil pressure incorrect
420	Moisture saturation (condensation)
425	Nicked
450	Open
457	Oscillating
461	Output too high
462	Output too low
464	Overspeed
472	Fuse blown
473	Seat/gasket blown
476	Rate of feather slow
481	Over heats
500	Lubrication (over or under) or absent
504	Sudden stoppage, blade/propeller strike
507	Exposed to salt water environment
508	Exposed to fire/high temperature
513	Stalls, compressor
519	Surged
520	Pitted
530	Polarity reversed
537	Low power or torque
540	Punctured
561	Unable to adjust limit
567	Resistance high
568	Resistance low
585	Sheared
602	Failure caused by other component failure
603	Oil in induction system
604	Manifold pressure beyond limits
622	Wet
627	Improper attenuation
640	Slippage
649	Sweep malfunction
660	Stripped
664	Tension incorrect
670	Unbalanced
680	Unstable
688	Improper energy response
689	Improper source output
690	Vibration excessive
692	Video faulty
693	Audio faulty
695	Sync absent or incorrect
701	Warped
703	Improper amplitude
705	Beyond specified tolerance
710	Bearing or bushing failure
717	Accident damage
720	Brush failure/worn excessively
722	Weld cracked, broken or defective
730	Loose
731	Battle damage
734	Rise time incorrect
740	Saturation resistance high
748	Frequency, erratic or incorrect
780	Bent
790	Out of adjustment includes out of tolerance/calibration
799	No defect
807	Servo mag amp time constant
816	Total impedance, high
817	Total impedance, low
840	Seized
844	Corona effect

Table B-2
Failure codes—numerical—Continued

Code	Description
845	Crystallized
846	Delaminated
855	Heat damage
900	Burned, includes charred
908	Miswired
910	Chipped
916	Impending or incipient failure indicated by spectrometric oil analysis
927	Pinched
935	Scored
945	Structural failure
947	Torn
964	Poor spectrum
968	Dioding
977	Pressure incorrect
999	Drive/disk failure/crash (computers)

Table B-3
Failure detected during codes

Code	Description
A	Scheduled maintenance
B	Handling
C	Test
D	Normal operation
E	Storage
F	Inspection
G	Flight
H	Other
J	Calibration

Table B-4
First Indication of trouble codes

Code	Description
008	Noisy
068	Inoperative
258	Overheating
387	Low performance
790	Out of adjustment
360	Intermittent
432	Off frequency
680	Unstable
077	Accident
777	Mid-service life
099	Other

Table B-5
Action codes

Code	Description
A	Replaced. This code will be used when an item (repair parts, components, etc.) is removed and replaced concurrently (or at a later time) by a like or an equivalent item(except for gun/ howitzer tubes and hourmeters/odometers, see codes W and X). For the purpose of avionics, when the equivalent item changes the avionic system designation, use action codes 'R' and 'S'in lieu of action code 'A.'
B	Adjusted. This code will be used when tightening, adjusting, bleeding, rigging or activating reset buttons or switches, regulating, etc.

**Table B-5
Action codes—Continued**

Code	Description
C	Repaired. This code will be used when a reparable item is repaired. This will include, but not be limited to, disassembly, cleaning incidental to repair action, inspection, adjustment, internal lubrication, replacement of integral parts, assemblies and sub-assemblies, and welding.
D	Manufacture/Fabrication Of Repair Parts. This code will be used when repair parts are manufactured or fabricated from stock. This will include but not be limited to such items as hydraulic tubes, lines and hoses, and noncritical airframe members and brackets.
E	Services. This code will be used to report all service actions performed by maintenance personnel, to include, but not be limited to compliance with Lube Orders (LO), performance of preventive maintenance services (PMS).
F	Initial Inspection. This code will be used when inspecting items to establish maintenance action(s) required to return item to serviceable status.
G	Final Inspection. This code will be used when inspecting items to determine acceptability of maintenance accomplished.
H	MWO. This code will be used to identify the application of Modification Work Orders.
I	Not Used.
J	Tested. This code will be used when performing diagnostic or mechanical tests which are used to measure the performance of an item against established serviceability/technical standards.
K	In Process Inspection.
L	Removed and Installed. This code will be used when an item is removed for any reason and the same item is reinstalled.
M	Checked, NRTS. This code will be used when an item is checked or tested and it is determined to be "Not Repairable at This Station or site." Note: Local policy may prescribe use of NRTS codes in table B-10.
N	Checked. Not Repairable. This code will be used when an item is checked or tested and it is determined to be nonreparable (condemned). This code applies also for items beyond economic repair limitations.
O	Overhaul.
P	Checked, Serviceable. This code will be used for items checked or tested and no repair is required. This code is applicable only if it is determined that a reported fault does not exist or cannot be duplicated.
Q	MWO Removal. This code will be used to identify the removal of an DAMWO as a result of cancellation of the DAMWO requirement.
R	Removed. This code will be used when an item is removed, and only the removal time is to be accounted for.
S	Installed. This code will be used when an item is installed, and only the installation time is to be accounted for.
T	TB Compliance. This code will be used to identify the compliance with the instructions of a specifically cited technical bulletin.
U	Decontamination of equipment.
V	Special Purpose Alteration (SPA) apply/applied.
W	Hour Meter/Odometer Change. This code will be used to indicate the replacement of an hour meter and/or odometer.
X	Gun Change. This code will be used to report the replacement of a gun.
Y	Special Mission Alteration (SMA) apply/applied.
Z	Safety Recall Order (SRO) apply/applied.
Numeric	
0	Modification By Replacement. This code will be used when modification (DAMWO) of an end item is accomplished by replacing an unmodified component/assembly with a modified component/assembly.
8	Maintenance action not able to be performed (SAMS Unique).
9	Modification by replacement.

**Table B-6
Utilization codes**

Code	Description
0	Active Components (except as otherwise listed)
1	Depot Stock
2	Post supply activities
3	(not used)
4	Operational readiness float (ORF)
5	Installation Maintenance and Service Equipment
6	(Not Used)
7	Army National Guard, except MATES
8	Army National Guard (MATES)
9	Air Force National Guard units
A	Army Reserve units, except equipment pools
B	Army Reserve units, equipment pools
C	Air Force Reserve
D	Army ROTC
E	Air Force ROTC
G	Defense Atomic Support Agency
H	U.S. Army Intelligence and Security Command
J	Defense Communications Security Agency
K	U.S. Army Training and Doctrine Command
L	U.S. Army Test and Evaluation Command
M	Civilian Support Units
N	Prepositioned stock in Europe except POMCUS
P	Depot installation equipment
Q	Equipment assigned to service schools and training centers
R	Military Assistance Program (MAP)
S	Overhaul facility, military
T	Overhaul facility, commercial
U	Manufacturing facility
V	Passenger-Carrying and General Purpose**
W	Equipment assigned to National Training Centers
X	Repair Cycle Float (RCF)
Y	POMCUS in Europe

Notes:
NOTE ** Passenger-carrying and general purpose vehicles as listed in section II, appendix E (excludes special purpose vehicles.)

**Table B-7
Time conversion codes**

Minutes	Parts of hour
0	0.0
1-6	0.1
7-12	0.2
13-18	0.3
19-24	0.4
25-30	0.5
31-36	0.6
37-42	0.7
43-48	0.8
49-54	0.9
55-60	1.0

Notes:
Time required in 'man-hour' columns of DA Forms contained in this pamphlet will be reported in hours and tenths of hours. When entering hours or tenths of hours on forms, a zero should be entered on either side of the decimal where appropriate, e.g., 2.0 when entering full hours, 0.7 when entering tenths of hours.

**Table B-8
Equipment repair action code**

Code Description

W Repairs performed on selected combat or tactical vehicles under the CONUS Tactical Wheeled Vehicle Repair Program, OCONUS-Theater Intermediate General Support Repair Program (GSRP) (formerly the Theater Army Repair Program (TARP)), or other DA approved programs requiring DA Forms 2408-9.

**Table B-9
Miscellaneous codes**

1. Unit Identification Code

a. For U.S. Army units, organizations, and activities, see DOD 4000, DODAAC UIC Cross Ref World Wide Report.

b. For contractors, manufacturers, and commercial activities, use their five-digit code, as prescribed in SB 708-41, 708-42, or SB 708-43, preceded by the letter 'K', e.g., General Motors-K24617.

2. Department of Defense Activity Address Code (DODAAC)

a. For U.S. Army units, organizations, activities and others, see DOD Activity Address Directory (DODAAD)4000.25-D (U).

b. This 6-digit code gives a delivery address for supplies and equipment and is used in preparation of category I and II deficiency reports.

**Table B-10
NRTS (not reparable this station) codes**

Code Description

- 1 Bench Checked-NRTS (Not Reparable This Station), Repair Not Authorized. This code will be entered when the shop is not authorized to accomplish the repair. This code will not be used unless the repair of the item is specifically prohibited by current technical directives.
- 2 Bench Check-NRTS-Lack of Equipment, Tools, or Facilities. This code will be entered when repair cannot be accomplished due to lack of equipment, tools, or facilities. Lack of authorization for the required tools, equipment, or facilities does not preclude use of this code.
- 3 Bench-Checked-NRTS-Lack of Technical Skills. This code will be entered when repair cannot be accomplished due to lack of technically qualified people.
- 4 Bench Checked-NRTS-Lack of Parts. This code will be entered when parts are not available to accomplish repair.
- 5 Bench Checked-NRTS-Shop Backlog. This code will be entered when repair cannot be accomplished due to excessive shop backlog.
- 6 Bench Checked-NRTS-Lack of Technical Data. This code will be entered when repair cannot be accomplished due to lack of maintenance manuals, drawings, etc., which describe detailed repair procedures and requirements.
- 7 Bench Checked-NRTS-Excess to Base Requirements. This code will be entered when repair will not be scheduled for shop repair due to item being excess to base requirements.
- 8 This code not used.
- 9 Bench Checked-Conderned. This code will be entered when the item cannot be repaired, and is to be processed for condemnation, reclamation, or salvage. This code will also be used when a 'condemned' condition is discovered during support maintenance disassembly or repair.

**Table B-11
Vehicle use codes**

Code Description

A Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

**Table B-11
Vehicle use codes-Continued**

Code Description

- B Contractor Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).
- R Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used on installations real in the performance of property management activities by installation level director of engineering and housing personnel.
- X All Other Special Purpose Vehicles. Includes all other special purpose vehicles not covered by code R.

**Table B-12
Equipment acceptance codes**

Code Description

- A Accepted from a manufacturer (new procurement).
- B Acceptance from local procurement.

**Table B-13
Equipment usage codes**

Code Description

- C Periodic usage report.
- D Special usage report (as directed by DA).

**Table B-14
Equipment transfer codes**

Code Description

- 1 Shipped to another property account.
- 2 Received from another property account.

**Table B-15
Equipment loss codes**

Code Description

- E Loss due to disassembly of a reportable integrated set/ assembly.
- I Combat loss (abandoned, captured, destroyed).
- J Turned in to Defense Reutilization and Marketing Office (DRMO) or salvage point.
- K Shipped to Other (non-Army) Government, departments, agencies, services, MAP or foreign military sales.
- L Physical loss other than combat (pilferage, theft, etc.)
- M Identification loss, NSN redesignation.
- N Identification loss, integrated into a set assembly or system; or a change of equipment serial number or registration number.

**Table B-16
Equipment gain codes**

Code Description

- F Gain of an individual reportable item as a result of disassembly of an integrated set/assembly.
- P Combat gain (recaptured or recovered).
- Q Reclaimed from Defense Reutilization and Marketing Office or cannibalization point.
- R Received from other (non-Army) Government departments, agencies or services or security/ Military Assistance Program (MAP) countries.

Table B-16
Equipment gain codes—Continued

Code	Description
S	Identification gain, redesignated NSN.
T	Identification gain, integrated set assembly with new NSN; or a change of equipment serial number or registration number.
U	Inventory adjustment gain (found on post). This code will also be used to report the gain of reportable items of equipment which have been added to appendix E by TWX or changes to this pamphlet and to report the gain of previously unknown or unreported assets.

Table B-17
Equipment overhaul code

Code	Description
V	Item overhauled at an Army or contractor facility.

Table B-18
Equipment category codes (ECC)

Code	Description
A	AIRCRAFT
B	AIR DEFENSE SYSTEMS
C	MISSILE SYSTEMS LAND COMBAT
D	ARTILLERY WEAPONS
E	SMALL ARMS
F	TANKS
G	COMBAT VEHICLES
H	TACTICAL VEHICLES
J	COMMUNICATIONS AND ELECTRONIC EQUIPMENT
K	ELECTRONIC TEST EQUIPMENT
L	FLOATING EQUIPMENT
M	RAILWAY EQUIPMENT
N	CONSTRUCTION EQUIPMENT
O	MEDICAL AND DENTAL EQUIPMENT
P	MATERIAL HANDLING EQUIPMENT
Q	SUPPORT EQUIPMENT
R	AMMUNITION AND AMMUNITION EQUIPMENT
S	INSTALLATION/DEPOT PECULIAR SERVICE EQUIPMENT
T	MACHINE TOOLS
U	SHOP SUPPORT EQUIPMENT
V	NON-TACTICAL WHEELED VEHICLES(COMMERCIAL DESIGN)
W	FURNITURE AND APPLIANCES
X	OFFICE EQUIPMENT
Y	TOOLS NOT LISTED ELSEWHERE
Z	EQUIPMENT NOT LISTED ELSEWHERE
Secondary	
A	AIRCRAFT
AC	Air traffic control equipment
AF	Fixed wing
AL	Aviation life support equipment
AR	Rotary wing
AT	Training flight simulator trainer
AX	Ancillary equipment
AZ	Tools and test equipment/Training Aids/Devices
B	AIR DEFENSE SYSTEM
BD	AN/TSQ-73
BE	GM System HAWK
BF	Armament subsystem helicopter M-22
BJ	Redeye
BK	Chaparral
BL	Data converter air defense system
BM	LSDIS
BN	STINGER
BP	PATRIOT
BT	Target missile systems
BU	Guides missile systems
BV	Miscellaneous
BX	Training and handling equipment

Table B-18
Equipment category codes (ECC)—Continued

Code	Description
BZ	Tools and test equipment/Training Aids/Devices
C	MISSILE SYSTEMS LAND COMBAT
CA	Land Combat Support System (LCSS)
CB	TOW
CC	TOW II
CD	DRAGON
CE	SLUFAE
CF	G/VLLD M981, G/VLLD Ground
CG	Multiple Rocket Launcher System (MLRS)
CH	HELLFIRE
CJ	Mast Mounted Sight (MMS)
CL	LANCE
CN	Honest John
CP	Air-to-Air Stinger
CQ	Little John
CV	Shillelagh
CW	Sergeant
CX	Training and handling equipment
CY	Miscellaneous
CZ	Tools and test equipment/Training Aids/Devices
D	ARTILLERY WEAPONS
DA	Towed howitzers
DB	Mortars
DC	Recoilless rifles
DD	Recoilless guns
DE	Rocket launchers
DF	Computer guns
DG	Antiaircraft guns
DX	Training equipment
DZ	Tools and test equipment
E	SMALL ARMS
EA	Armament subsystems
EB	Rifles
EC	Machine guns
ED	Grenade launchers
EE	Submachine guns
EF	Automatic guns
EG	Rocket launchers
EH	Carbines
EI	Guns, other
EJ	Handguns
EK	Shotguns
EM	Small arms, other
EX	Ancillary equipment
EY	Miscellaneous support equipment
EZ	Tools and test equipment/Training Aids/Devices
F	TANKS
FA	76MM
FB	90MM, 105MM, 120MM
FC	152MM
FX	Training equipment
FZ	Tools and test equipment/Training Aids/Devices
G	COMBAT VEHICLES
GA	Self-propelled howitzers
GB	Self-propelled mortars
GC	Combat vehicle, anti-tank
GD	Self-propelled guns
GF	Recovery vehicles
GG	Combat engineer vehicles
GJ	Tractors
GK	Launcher, bridge
GL	Personnel carriers
GM	Armored reconnaissance airborne assault vehicles
GN	Amphibious cargo carriers
GP	Carrier, command reconnaissance
GQ	Carriers, command post
GR	Carriers, cargo tracked
GS	Carriers, flamethrower (M132A1)
GW	Carriers, other
GX	Ancillary equipment
GZ	Tools and test equipment/Training Aids/ Devices
H	TACTICAL VEHICLES
HA	Trucks, 1/4 ton, ambulance

Table B-18
Equipment category codes (ECC)—Continued

Code	Description
HB	Trucks, 1/4 ton, utility
HC	Trucks, 1/2 ton
HD	Trucks, 3/4 ton, cargo
HE	Trucks, 3/4 ton, other
HF	Trucks, 1 1/4 ton
HG	Trucks, 2 1/2 ton, cargo
HH	Trucks, 2 1/2 ton, other
HI	Trucks, 5 ton, cargo
HJ	Trucks, 5 ton, other
HK	Trucks, 8 ton
HL	Trucks, 10 ton
HM	Trucks, 12 to 25 tons
HO	Trucks, over 25 ton
HP	Carriers, utility, articulated
HQ	Armored cars
HS	Semi-trailers
HT	Trailers
HU	Truck chassis
HW	Trailer chassis (all)
HX	Sleds
HY	Dollies
HZ	Tools and test equipment/Training Aids/Devices
J	COMMUNICATIONS AND ELECTRONIC EQUIPMENT
JA	Infrared surveillance systems
JB	Communications security equipment
JC	Telephone—telegraph terminals
JD	Radiac sets and meters
JE	Special use intelligence equipment
JF	Interrogator sets
JG	Teletypewriters
JH	SIGINT/EW equipment
JI	Intercommunication sets
JJ	Intrusion detections systems
JL	Lasers
JM	Meteorological
JP	Radar
JR	Radios
JS	Operation central communications
JT	Transmitters
JU	Receivers
JX	Ancillary equipment
JY	Digital computer systems
JZ	Tools and test equipment/Training Aids/Devices
K	ELECTRONIC TEST EQUIPMENT
KA	Equipment
KB	Meters
KC	Analyzers
KD	Wire communications
KE	Radiac equipment/radiac test equipment
KF	Meteorological
KH	Avionics
KJ	Computers
KK	Chargers
KL	Signal Generators
KY	Miscellaneous support equipment
KZ	Tools and test equipment/Training Aids/Devices
L	FLOATING EQUIPMENT
LA	Barges
LB	Boat, bridging
LC	Boats, passenger pickets and utility
LD	Landing crafts
LE	Tugs
LF	Vessels
LG	Propelling units, outboard
LH	Barge cranes
LJ	Boat, trailers
LK	Boats, recreational
LL	Lighter, Amphibious
LM	Transport mobile assault bridge
LX	Ancillary equipment
LY	Miscellaneous
LZ	Tools and test equipment/Training Aids/Devices
M	RAILWAY EQUIPMENT

Table B-18
Equipment category codes (ECC)—Continued

Code	Description
MA	Cars
MB	Maintenance cars
MC	Diesel locomotives
MD	Cranes
ME	Other
MX	Ancillary equipment
MZ	Tools and equipment/Training Aids/Device
N	CONSTRUCTION EQUIPMENT
NA	Crushers and plants
NB	Paving equip/mixers/distributors
NC	Earthmoving
ND	Tractors
NE	Graders
NF	Cranes/shovels/excavators
NG	Loaders
NH	Rollers
NJ	Drills
NK	Bridges, erection and ferry
NL	Bridges, armor vehicle launch
NM	Spreaders (all types)
NN	Trucks (CCE)
NO	Bridges, floating
NP	Kettles, heating bituminous
NS	Landing mat sets
NT	Heaters
NU	Conveyors/elevators
NV	Special/miscellaneous
NX	Ancillary equipment
NZ	Tools and test equipment/Training Aids/Devices
O	MEDICAL AND DENTAL EQUIPMENT
OA	Anesthesia apparatus
OB	Blood Gas Apparatus/analyzer
OC	Centrifuge
OD	X-ray film processing systems
OE	Defibrillator/monitor
OF	Dental operating units
OG	Compressor/dehydrator
OH	Table operating field
OI	Radiographics
OJ	Refrigerator/freezers
OK	Respirator/ventilator
OL	Sinks
OM	Sterilizers
ON	Suction and pressure apparatus
OO	Medical equipment set (MES)
OP	Medical material set (MMS)
OQ	X-ray apparatus
OR	Miscellaneous
OX	Ancillary equipment
OZ	Tools and test equipment
P	MATERIAL HANDLING EQUIPMENT
PA	Cranes warehouse
PB	Trucks, forklift electric
PC	Trucks, forklift GED
PD	Trucks, platform
PE	Tractors, warehouse
PF	Trucks, straddle
PG	Trucks, forklift—rough, terrain
PH	Trucks, forklift—air mobile
PI	Trucks, forklift—other
PJ	Trucks stock selector
PK	Truck Cranes, 140 ton or over
PL	Trucks, forklifts, other
PM	Hoists
PN	Cranes, floor and overhead
PO	Conveyors
PP	Hand trucks
PQ	Ramp docks
PR	Trailers
PS	Trucks, material handling
PT	Pallet jacks
PX	Ancillary equipment
PY	Miscellaneous support equipment

Table B-18
Equipment category codes (ECC)—Continued

Code	Description
PZ	Tools and test equipment/Training Aids/Devices
Q	SUPPORT EQUIPMENT
QA	Bakery
QB	Generators
QC	Compressors
QD	Pumps
QE	Laundry units
QF	Air conditioners
QG	Welding machines
QH	Lubricating and servicing units
QI	Liquid oxygen converters
QJ	Water purification units
QK	Generating and charging plants
QL	Elevators hydraulic (guided missile)
QM	Chemical protection
QN	Lighting equipment
QP	Power plants/units
QQ	Reproduction equipment
QR	Topographic/measuring/surveying/mapping
QS	Repair shop equipment
QT	Special repair and utilities
QU	Firefighting equipment
QV	Special shop equipment
QW	Detection equipment
QX	Refrigeration
QY	Miscellaneous support equipment
QZ	Tools and test equipment/Training Aids/Devices
R	AMMUNITION AND AMMUNITION EQUIPMENT
RA	Punch primers, etc.
RB	Protection devices
RD	Furnaces
RE	Devices/fixtures
RF	Panels
RG	Plants
RH	Tanks
RI	Hoppers
RJ	Vacuum chambers/separators
RK	Special equipment
RL	Ammunition material
RN	Selected ammunition
RP	Special EOD tools and equipment
RQ	Test and handling equipment
RT	Ammunition peculiar equipment (APE)
RZ	Tools and test equipment/Training Aids/Devices
S	INSTALLATIONS DEPOT PECULIAR SERVICE EQUIPMENT
SA	Photographic/television
SB	Public address
SC	Maintenance platforms
SD	Measuring
SE	Traffic controls
SF	Conditioner/polish scrubbing
SG	Dryers/filters
SH	Driver training/testing
SI	Optical equipment
SJ	Safety
SK	Vacuum lens coating
SL	Laboratory tables
SM	Plastic processing
SN	Electrical charges
SO	Laboratory equipment
SP	Laboratory equipment—continued
SQ	Chilling machines
SR	Communications—commercial
SS	Shelter/structure
ST	Plating/cleaning tanks
SU	Duplicating machines
SV	Projectors (movie films)
SW	Recorder/reproducer (audio and/or video)
SX	Ancillary equipment
SY	Lawn mowers, snow removal, ground maintenance, and other maintenance and services (M&S) equipment
SZ	Tools and test equipment/Training Aids/Devices
T	MACHINE TOOLS

Table B-18
Equipment category codes (ECC)—Continued

Code	Description
TA	Saws
TB	Lathes
TC	Grinders
TD	Planers
TE	Shapers
TF	Forming machines
TG	Screw manufacturing machines
TH	Threading machines
TJ	Surfacers
TK	Boring
TL	Honing
TM	Mortisers
TN	Jointers
TO	Routers
TP	Broaching
TQ	Shear/punch/notch
TR	Cutters
TS	Sanders
TT	Milling
TU	Lapping
TV	Presses
TW	Drills
TX	Special
TY	Ancillary equipment
TZ	Tools and test equipment/Training Aids/Devices
U	SHOP SUPPORT EQUIPMENT
UA	Heat treating
UC	Clean, paint, process
UD	Rubber process
UE	Packaging and packing
UF	Textile/leather
UG	Jacks
UH	Storage equipment
UI	Laser equipment
UJ	Scales
UK	Fans
UL	Tire and wheel repair
UM	Vehicle track presses
UN	Lubricating aids
UP	Heaters
UQ	Metalizing equipment
UR	Reels
US	Distribution systems
UT	Splicing equipment
UU	Positioners
UV	Drafting
UX	Ancillary equipment
UZ	Tools and test equipment/Training Aids/Devices
V	NON-TACTICAL WHEEL VEHICLE(COMMERCIAL DESIGN)
VA	Trucks, bolster
VB	Trucks, dump
VC	Trucks, firefighting
VD	Trucks, hopper
VE	Trucks, maintenance
VF	Trucks, refuse/collection
VG	Trucks, topographic
VH	Trucks, tank
VI	Trucks, stake
VJ	Truck tractor (all types)
VK	Miscellaneous
VL	Passenger carrying vehicles
VM	Servicing platforms
VN	Trucks, multipurpose
VO	Trucks, panel
VP	Trucks, carryall
VQ	Trucks, cargo
VR	Trucks, utility
VS	Truck, sewage
VT	Trucks, other
VU	Trailers
VV	Semi-trailers
VW	Trucks, van
VX	Trucks, refrigeration

Table B-18
Equipment category codes (ECC)—Continued

Code	Description
VY	Trucks, wrecker
VZ	Tools and testing equipment/Training Aids/Devices
W	FURNITURE AND APPLIANCES
WA	Desks
WB	Files
WC	Cabinets
WD	Rugs/curtains
WE	Ranges
WF	Refrigerators
WG	Frozen food displays
WH	Water coolers
WJ	Musical related equipment
WK	Washing machines
WL	Dryers
WM	Laundry extractors
WN	Rotary files
WR	Davenport/couches
WS	Freezers
WT	Kitchen equipment
WU	Chairs
WV	Religious equipment
WW	Tables
WZ	Tools and test equipment/Training Aids/Devices
X	OFFICE EQUIPMENT
XA	Safes
XB	Machines not listed elsewhere
XC	Typewriters
XD	Addressing plates
XE	Calculating
XF	Computing
XG	Time/payroll recorders
XL	Dictating
XM	Production control boards
XN	Drafting tables
XP	Flexowriters
XQ	Cash registers
XR	Sealing units
XU	Engravers
XV	Fabricators
XW	Endorsers
XX	Flag ceremonial
XY	Miscellaneous support equipment ADP
XZ	Tools and test equipment/Training Aids/Devices
Y	TOOLS NOT CLASSIFIED ELSEWHERE
YA	Aligning
YB	Collimators
YD	Saw Filers
YE	Multiple use gages
YF	Metalizing guns
YG	Hammers
YH	Jacks
YJ	Tool kits
YK	Lifts
YL	Special machines
YM	Pullers
YN	Riveters
YP	Tool sets
YQ	Wrenches
YR	Vises
YS	Dies
YT	Borescopes
YU	Twisters
YW	Punches
YZ	Hose expanders
Z	EQUIPMENT NOT LISTED ELSEWHERE
ZA	Analyzers
ZB	Supporters
ZD	Stands
ZF	Stain/stress measuring
ZH	Springs
ZJ	Valves
ZK	Clothing
ZL	Textiles

Table B-18
Equipment category codes (ECC)—Continued

Code	Description
ZM	Museum Equipment
ZN	Footwear
ZP	Tents/canvas
ZS	Miscellaneous
ZZ	Gym and sport equipment

Table B-19
The metric system and equivalents

Symbol	When you know	Multiple by	To Find	Symbol
Length				
in	inches	2.5	centimeters	cm
ft	feet	30.0	centimeters	cm
yd	yards	0.9	meters	m
mi	miles	1.6	kilometers	km
mm	millimeters	0.04	inches	in
cm	centimeters	0.4	inches	in
m	meters	3.3	feet	ft
	meters	1.1	yards	yd
km	kilometers	0.62	miles	mi
MASS (weight)				
oz	ounces	28.0	grams	g
lb	pounds	0.45	kilograms	kg
	short tons (2000lb)	0.9	tonnes	t
g	grams	0.035	ounces	oz
kg	kilograms	2.2	pounds	lb
t	tons (1000 kg)	1.1	short tons	

Table B-20
Type maintenance request code (Type MNT Req CD)

Code	Description
These codes are used to describe the maintenance action requested. These codes are applicable to DA Form 2407, Block 5 (SAMS unique).	
1	Return to user. Maintenance actions need to be performed and the equipment returned to the user.
2	Modification Normal. A modification, special purpose alteration or special mission alteration is required to be applied on an item of equipment.
3	Modification Urgent/Limited. An urgent or limited urgent modification or safety recall order is required to be applied on an item of equipment.
6	Cosmetic Maintenance. Indicates body work, painting, etc.
7	Sample Data Collection. Data provided by user in response to query by support maintenance.
8	Usage Device Change. Data recorded by customer unit to support unit upon change of a usage-recording device (miles, rounds, hours, kilometers).
9	Production. A work request applicable to more than one item, usually controlled by a maintenance control number, when a production-line type of operation may be applied.
A	Estimated Cost of Damages. A request for inspection to identify cost of repairs of a specific damage, as in an accident.
C	Classification. A request for the performance of an inspection to determine the classification code for turn in to the supply system.
D	Reparable Exchange. A request for the repair of items in support of a Reparable Exchange (RX) program.
F	Return to Stock. A work request indicating periodic maintenance is required.
H	Recall Maintenance. Actions that can be identified and scheduled in advance.
J	Component change. Data recorded by a customer unit upon change.

Table B-20
Type maintenance request code (Type MNT Req CD)—Continued

Code Description
K Oil—Analysis Recommendation. The maintenance request is being generated as the result of an oil—analysis laboratory recommendation.

Table B-21
Work Request Status Code (STA)

Code Description
These codes indicate the status of a work request in the maintenance shops at all levels. These codes are applicable to all SAMS and ULLS forms which have a STA block. The following describes the usage and rules of each code:
A Awaiting initial inspection. Includes initial inspection, acceptance, and parts determination. Code can be used at unit level. At support level, an "A" is usually entered first unless preceded by a "9".
B In shop. Code can be used at unit level.
C Awaiting shop. The initial and acceptance inspections have been completed and parts are on hand. Code can be used at unit level.
D Deferred. Equipment in use, awaiting scheduled maintenance (may or may not be awaiting parts) and not considered high priority in that equipment is operating but requires some maintenance or modification. Codes can be used at unit level. Normally used in conjunction with a non-NMC ORGWON. Can be used with a NMC ORGWON if preceded by a "2".
E Awaiting final inspection. Code can be used at unit level.
F Final inspection complete. Includes final inspection and work order/log book completion. NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
G Test flight, or maintenance operational check. NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
H Awaiting disposition instructions from a higher source.
I Awaiting shop while awaiting non-NMC (not NMCS) parts. Cannot be used if due-in parts are NMCS. Code can be used at unit level. Normally used in conjunction with a non-NMC ORGWON. Can be used with a NMC ORGWON if preceded by a "2".
J In shop awaiting NMCS parts, work continues. The calculation for NMCS/NMCM will remain in NMCM. This code was designed for aircraft but may be used for other items requiring maintenance. Code can be used at unit level.
K Awaiting non-NMC parts (not NMCS). No further repair actions can be made because the non—deadlining parts are not available. Normally used—in conjunction with a non-NMC ORGWON. Can be used with a NMC ORGWON if preceded by a "2".
L EVAC NMCS. Item that was evacuated to another maintenance activity for repair and return and is now in an NMCS status at the other activity. NMC time will be applied to SUPPORT NMCS.
M EVAC NMCM. Item evacuated to another maintenance activity for repair and return. Code can be used at unit level. NMC time will be applied to SUPPORT NMCM.
N EVAC Depot. Equipment that is in a depot, or in for depot level repair, i.e., overhaul/MWO is being performed. Code can be used at unit level. NMC time will be applied to NMCD for ground/missile and aviation sub—system records and reportable end items. Aviation system records will reflect PMCD.
O Awaiting evacuation. Code can be used at unit level. Allows printing of automated DA Form 2407 at support level.
P NMC for lack of: facility, tools, test equipment, or completion of intra—shop work requests.
Q Awaiting estimated cost of damage (ECOD) actions. Items awaiting the release of surveying officer before repairs can be started.
R Awaiting pickup. Item has been repaired (or appropriate action taken), and the owning unit has been notified. Before code "R" can be used, the work request must be closed. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.

Table B-21
Work Request Status Code (STA)—Continued

Code Description
S Closed, completed by this maintenance activity. Repairs have been completed by the support activity receiving the end item or component. Work request is closed. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
T Closed, completed by other maintenance activity. Repairs have been completed and returned by the other activity to the support activity. Work request is closed. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
U Picked up, must be closed first. Code can be used at unit level. At unit level Closed the ORGWON. All related records on the Inoperative Equipment File will be closed. All INOP NMC time stops. At support level Picked up by customer. The SPT WON and all related DS/GS work orders will be deleted from SAMS-1 during the next weekly WO Transfer process.
V Closed. Requirement satisfied by ORF exchange. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
W Work request closed. Pending turn-in as uneconomically repairable or nonrepairable (classification). If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
X Work request closed. It exceeds time limits or maintenance capability (e.g., classification condition code F). If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
Y Work request closed. It did not meet acceptance standards. If the item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.
0 Not used at this time.
1 Awaiting deadlining NMCS parts. No further repairs can be made due to lack of NMCS parts. Code can be used at unit level.
4 Not used at this time.
5 Not used at this time.
6 Re-inspection. Can only be used after a work request status code of 8—rework.
7 Awaiting float transaction. SAMS-1 automatically prompts for a new serial number.
8 Rework, return to shop. If work request is "S" through "Z", an 8 must be used before the job is returned to a work status.
9 Begin intransit time.

Table B-22
Work Request NMC Indicator Codes

Code Description
These codes are maintenance indicator codes that denote the NMC status of a work request in the maintenance shops. These codes will only be used with work orders that have a "0" or "2" in the sixth position of the ORG WON that identify reportable inoperative equipment. A "0" denotes reportable ground or missile equipment, and "2" denotes reportable aircraft. These codes are applicable to all SAMS forms which have a STA block, and are intended to provide units and higher headquarters with timely AMSS status. These codes are SAMS unique and are not required for non—automated units.
2 Stops NMC time. Item remains in the maintenance activity for non-NMC work, e.g., painting. Must be followed by a valid work request status code.

3 Restart NMC time. Must be preceded by a "2" (which stops NMC time). Must be followed by a valid work request status code.

**Table B-24
Level of Work Codes**

O	Unit/AVUM
F	Direct Support/AVIM
H	General Support
D	Depot
K	Contractor
L	Special Repair Activity

**Table B-23
NMC Time for AMSS Reporting**

Status Codes	Unit Level-ULLS				Support Level-SAMS			
	NMCM	NMCS	NMCD	NMCE	NMCM	NMCS	NMCD	FMC
Shown below is the NMC category for each work request status Code. This chart only applies to INOP equipment at the ULLS and SAMS level (NMC ORGWON work orders only). For example, STA code of "0" is used at support level and counts NMCM downtime at support level only. STA code "S" stops NMC downtime at both levels unless the equipment is still INOP at the unit level.								
A ¹	X				X			
B ¹	X				X			
C ¹	X				X			
D ¹								X
E ¹	X				X			
F	X							X
G	X							X
H					X			
I ¹	X				X			
J ¹	X				X			
K					X			
L						X		
M ¹	X				X			
N ¹			X				X	
O ¹	X				X			
P					X			
Q					X			
R	X							X
S	X							X
T	X							X
U ¹								X
V	X							X
W	X							
X	X							
Y	X							
Z	X							
0				X				
1 ¹		X			X			
2								
3								
4								
5								
6					X			
7					X			
8					X			
9	X							

NMCM (Not Mission Capable Maintenance)
 NMCS (Not Mission Capable Supply)
 NMCD (Not Mission Capable Depot)
 NMCE (Not Mission Capable Equipment)

Notes:
 1. Can be used at unit and support level.

**Appendix C
 Warranty Control Offices (WARCOs) and Logistic Assistance Offices (LAOs)**

C-1. This appendix lists WARCOs and supporting LAOs. These

offices are listed to assist personnel submitting warranty claim actions (WCA).

C-2. The WARCO manages warranty programs at posts, camps, and stations.

C-3. The LAO assists WARCOs in resolving warranty claim problems.

C-4. Table C-1 contains WARCOs and table C-2 lists LAOs.

**Table C-1
Warranty Control Offices**

Command	Location/Station	Address	Phone DSN/COMM ¹
AMC	GE, GRAFENWOEHR	Chief, M1 Mat Fielding Team ATTN:PM-GCM-MFT-E APO AE 09114	ETS 476-2757/2612
AMC	GE, SECKENHEIM	Cdr, HQ Europe ATTN: AMXEU CA APO AE 09266	380-6222/6804 0621-78791 ¹
AMC	HEADQUARTERS	Cdr, AMC ATTN: AMCAQ-PM 5001 Eisenhower Avenue Alexandria, VA 22333-0001	284-8269/8270(202)274-8269/ 8270 ¹
AMCCOM	HEADQUARTERS	Cdr, AMCCOM ATTN:AMSMC-QAD-R Rock Island, IL 61299-6000	793-2421 Ext 37(309)782-2421 ¹ Ext 37
ARNG	ALABAMA	ALARNG P.O. Box 3711 Montgomery, AL 36193	363-7426/7289(205)271-7426/ 7289 ¹
ARNG	ALASKA	Director of Surface Maintenance 3601 C Street, Suite 62 Anchorage, AK 99503	317-626-1532 (907)243-0656 ¹ Ext 532
ARNG	ARIZONA	Director of Surface Maintenance 5636 East McDowell Rd ATTN: AZDM Phoenix, AZ 85008	853-8780 (602)273-97801
ARNG	ARKANSAS	Director of Surface Maintenance Camp Robinson N. Little Rock, AK 72118	731-5281 (501)758-4053 ¹ Ext 281
ARNG	CALIFORNIA	Long Beach CSMS 3500 Stearns Street Long Beach, CA 90822	873-9301
ARNG	CALIFORNIA	Stockton CSMS 8020 S. Airport Way Stockton, CA 95206-3999	462-2596
ARNG	CALIFORNIA	Director of Surface Maintenance P.O.Box 214405 Sacramento, CA 95821	466-3330 (916)973-3330 ¹
ARNG	CALIFORNIA	Camp Roberts (MATES) P.O. BOX 397 San Miguel, CA 93451-0397	949-8177
ARNG	CALIFORNIA	Fort Irwin (MATE) Fort Irwin, CA 92310-5030	470-4236
ARNG	COLORADO	Director of Military Affairs ATTN:CO-SMMO 6848 South Revere Parkway Englewood, CO 80112-6703	877-2169 (303)397-3169 ¹
ARNG	CONNECTICUT	SMO CTARNG Camp Hartell Ella T. Grasso Turnpike Road Windsor Locks, CT 06096	636-8730 (203)627-4800 ¹
ARNG	DELAWARE	Director of Surface Maintenance 1197 River Road New Castle, DE 19720	440-7311 (302)324-7311 ¹
ARNG	DIST OF COLUMBIA	Director of Surface Maintenance 2001 E. Capitol Street Washington, DC 20003	288-3610 (202)433-3610 ¹
ARNG	FLORIDA	Director of Surface Maintenance Rt 1 Box 478 Camp Blanding Starke, FL 32091-9708	960-3141/3500(904)533-3141/ 3500 ¹
ARNG	GEORGIA	Adjutant General ATTN:DCS-M P.O.Box 17965 959 E. Confederate Avenue, SE Atlanta, GA 30316-0959	338-6540 (404)624-6540 ¹
ARNG	GUAM	Director of Surface Maintenance AG Guam ARNG P.O. Box GG Agana, Guam 96910	315-328-1110 697-1201 ask for 671-477-9941
ARNG	HAWAII	Director of Surface Maintenance 3949 Diamond Head Road Honolulu, HI 96816-4495	(808) 735-0390 ¹
ARNG	HEADQUARTERS	CNGB ATTN: NGB-ARL-M Pentagon Washington, DC 20310-2500	225-3220
ARNG	IDAHO	CSMS P.O. Box 45 Boise, ID 83707-4502	941-5188 (208)389-5188 ¹
ARNG	ILLINOIS	Chief, Maintenance Officer 1301 N.MacAuthur Boulevard Springfield, IL 76702-2399	555-3597 (217) 785-3597 ¹
ARNG	INDIANA	INARNG P.O. Box 41375 Indianapolis, IN 46241-0375	724-2293 (317)247-3293 ¹

**Table C-1
Warranty Control Offices—Continued**

Command	Location/Station	Address	Phone DSN/COMM ¹
ARNG	IOWA	Director of Surface Maintenance IAARNG ATTN: AGIA-M-T 7700 N.W. Beaver Drive Johnston, IA 50131-1902	946-2350 (515)278-9350 ¹
ARNG	KANSAS	Director of Surface Maintenance P.O.Box 2099 Topeka, KS 66601	720-8305 (913)266-1305 ¹
ARNG	KENTUCKY	CSMS Boone NG Center Frankfort, KY 40601	336-3455 (502)564-8455 ¹
ARNG	LOUISIANA	CSMS LANG-DMT, 503 E Street CP Beauregard Pineville, LA 71360	485-8222 EXT 232 (318)640-2080 ¹
ARNG	MAINE	Director of Maintenance MEARNG Camp Keyes Augusta, ME Q4333	476-4258 EXT 4382(207)622-9331 ¹
ARNG	MARYLAND	SSMO Box 1, 333 Old Bay Lane Havre De Grace, MD 21078	496-9427 (410)278-8427 ¹
ARNG	MASSACHUSETTS	CSMS MAARNG Barnum Road Fort Devens, MA 01433-5780	256-2646/2292 (617)796-2646 ¹
ARNG	MICHIGAN	MIARNG General Depot 3201 W. Joseph Street Lansing, MI 48913	623-0761/0752(517)483-5752 ¹
ARNG	MINNESOTA	CSMS P.O. Box 179 Camp Ripley Little Falls, MN 56345-0179	871-7461 EXT 461(612)632-6631 ¹
ARNG	MINNESOTA	Office of the USPFO P.O. Box 288 Little Falls, MN 56345	871-7333
ARNG	MISSISSIPPI	Director of Surface Maintenance 144 Military Drive Jackson, MS 39208-8880	731-9539 EXT 539(601)939-3633 ¹
ARNG	MISSOURI	Inspection Foreman 1717 Industrial Drive Jefferson City, MO 65101-1468	940-9749 (314) 751-9749 ¹
ARNG	MONTANA	Director of Surface Maintenance P.O.Box 4789 1100 North Main Street Helena, MT 59604-4789	857-3044/9350(406)444-6944 ¹
ARNG	NEBRASKA	Director of Surface Maintenance 1111 Military Rd Lincoln, NE 68508	720-1180 (402) 473-1180 ¹
ARNG	NEVADA	Director of Surface Maintenance 2525 South Carson Street Carson City, NV 89701	830-5265 (702)887-7265 ¹
ARNG	NEW HAMPSHIRE	Surface Maintenance Manager ATTN: OMO Airport Road Concord, NH 03301-5353	684-9231/9312(603)225-1231/1312
ARNG	NEW JERSEY	Director of Surface Maintenance NJDMAVA Eggerts Crossing Road, CN340 Trenton, NJ 08625	445-9206 EXT 206(609)530-3296
ARNG	NEW JERSEY	50th SBM CSMS 1299 Pleasant Valley Way West Orange, NJ 07052-5269	(210) 736-5250 ¹
ARNG	NEW JERSEY	119th Mt Bn CSMS Road #2 Box 108 Route 130 Bordentown, NJ 08505-9617	(609) 298-1130 ¹
ARNG	NEW MEXICO	Director of Surface Maintenance P.O.Box 4277 Sante Fe, NM 87502-4277	867-9440 (505)473-2440 ¹
ARNG	NEW YORK	Director of Surface Maintenance 330 Old Niskayuna Road Latham, NY 12110-2224	489-4795 (518) 786-4795 ¹
ARNG	NORTH CAROLINA	CSMS 4105 Reedy Creek Road Raleigh, NC 27607-6410	582-9449 (919) 664-6449 ¹
ARNG	NORTH DAKOTA	State Surface Maintenance Office ATTN:AGND-DMT P.O. Box 5511 Bismarck, ND 58502-5511	334-5120 (701)224-5120 ¹
ARNG	OHIO	Director of Surface Maintenance 2825 W. Granville Road ATTN: AGOH-SMO Worthington, OH 43085-2712	273-7116 (614) 889-7116 ¹
ARNG	OHIO	CSMS #1 35th & Hollar Lane Newark, OH 43055-1926	580-7115 (614) 344-1148 ¹

**Table C-1
Warranty Control Offices—Continued**

Command	Location/Station	Address	Phone DSN/COMM ¹
ARNG	OHIO	CSMS #2 Camp Perry Port Clinton, OH 43452-9578	346-4119 (419) 635-4119 ¹
ARNG	OKLAHOMA	Director of Surface Maintenance 1208 Thunderbird Street Norman, OK 73069-8447	956-3376
ARNG	OREGON	Director of Surface Maintenance 2150 Fairgrounds Road, NE ATTN: ARM, MIL SEPT Salem, OR 97303	355-3909 (503)378-3909 ¹
ARNG	PENNSYLVANIA	Dept of Military Affairs ATTN: DSM Fort Indiantown Gap Annville, PA 17003-5002	238-8542 (717)865-8542 ¹
ARNG	PUERTO RICO	Director of Surface Maintenance P.O.Box 3786 San Juan, PR 00904	860-9165 EXT 229(809)753-1030 ¹
ARNG	RHODE ISLAND	Director of Surface Maintenance OSMO, George Wash Highway Smithfield, RI 02917-1997	557-3371 (401)277-6069 ¹
ARNG	SOUTH CAROLINA	Director of Surface Maintenance 1 National Guard Road Columbia, SC 29201-4766	583-4256 (803)748-4256 ¹
ARNG	SOUTH DAKOTA	Director of Surface Maintenance 2823 West Main Street Rapid City, SD 57702-8186	747-8221 (605) 399-6221 ¹
ARNG	TENNESSEE	HQ, TNARNG, STARC ATTN:CGTN-MAINT Houston Barracks P.O. Box 41502 Nashville, TN 37204-1501	694-3056 (615) 525-3056 ¹
ARNG	TEXAS	TXARNG (CSMS #1) 8101 Shoreview Drive Fort Worth, TX 76108-9788	739-1110 (817)246-2503 ¹
ARNG	TEXAS	TXARNG (CSMS #2) P.O. Box 5218 Austin, TX 78763-5218	954-5153 (512)465-5153 ¹
ARNG	TEXAS	TXARNG (MATES) P.O. Box 540 Gatesville, TX 76528-0540	738-0682 (817) 288-06821
ARNG	UTAH	Director of Surface Maintenance P.O.Box 1776 Draper, UT 84020-1776	924-3612/3611 (801)524-3612 ¹
ARNG	VERMONT	VTARNG (OSMO) Bldg 6, Camp Johnson Winooski, VT 05404-1697	636-3234 (802)864-1230 ¹
ARNG	VIRGIN ISLANDS	Director of Surface Maintenance P.O.Box 1150 Christiansted St. Croix, US VI 00820	860-9228 (809)773-5200 ¹ Ext 165
ARNG	VIRGINIA	Adj General of VA, VAMA 501 E.Franklin Street Richmond, VA 23219-2217	953-2249/2250(804)225-4720/ 4721 ¹
ARNG	WASHINGTON	Director of Maintenance Camp Murray Tacoma, WA 98430	355-7261 (206)964-6260 ¹
ARNG	WEST VIRGINIA	Director of Surface Maintenance WVARNG Rt 62N, General Delivery Pt Pleasant, WV 25550-9999	366-9265/6265(304)675-1220/ 1250 ¹
ARNG	WISCONSIN	CSMS Camp Douglas, WI 54618-9002	273-9111 EXT 298(608)427-7298 ¹
ARNG	WYOMING	CSMS P.O. Box 399 Guernsey, WY 82214-0399	943-2315
ATCOM	HEADQUARTERS	Cdr, ATCOM ATTN:AMSAT-A-WC St. Louis, MO 63120-1798	693-3425 (314) 263-3425 ¹
CECOM	HEADQUARTERS	Cdr, CECOM ATTN:AMSEL-LC-ED-TC Fort Monmouth, NJ 07703-5000	992-1336
DESCOM	ANAD	Cdr, Anniston Army Depot ATTN:SDSAN-DQA-QS Anniston, AL 36201-5030	694-6131
DESCOM	CCAD	Cdr, Corpus Christi AD ATTN:SCSCC-QQA Corpus Christi, TX 78419-6040	861-2587/3872
DESCOM	D-SAFE (KOREA)	Cdr, DESCOM-Spt Acty Far East ATTN: SDSFE-LMD APO, AP 96283	

**Table C-1
Warranty Control Offices—Continued**

Command	Location/Station	Address	Phone DSN/COMM ¹
DESCOM	FWDA	Cdr, Ft Wingate Depot Acty ATTN:SDSTE-FWQ Gallup, NM 87301-9503	793-6327
DESCOM	HEADQUARTERS	Cdr, DESCOM ATTN: AMSDS-QS Chambersburg, PA 17201-4170	570-9946
DESCOM	BGAD	Cdr, Blue Grass Army Depot ATTN:SDSLB-QAQ Lexington, KY 40511-5100	745-3968
DESCOM	LEAD	Cdr, Letterkenny Army Depot ATTN:SDSLE-QSP Chambersburg, PA 17201-4150	570-5481
DESCOM	MZAD	Cdr, Mainz Army Depot ATTN:SDSMZ-QAD APO AE 09185	06131-693274
DESCOM	NCAD	Cdr, New Cumberland Army Depot ATTN:SDSNC-QQ-R New Cumberland, PA 17070-5001	977-6946/6872
DESCOM	PUDA	Cdr, Pueblo Depot Activity ATTN:SDSTE-PUQ Pueblo, CO 81001-5000	877-4181
DESCOM	RRAD	Cdr, Red River Army Depot ATTN:SDSRR-QS-Q Texarkana, TX 75507-5000	829-2122
DESCOM	SAAD	Cdr, Sacramento Army Depot ATTN:SDSAA-QSM-1 Sacramento, CA 95813-5027	839-2703/2705
DESCOM	SEAD	Cdr, Seneca Army Depot ATTN:SDSSE-RS Romulus, NY 14541-5001	489-5522/5322
DESCOM	SHAD	Cdr, Sharpe Army Depot ATTN:SDSSH-QQS Lathrop, CA 95331-5400	462-2464/2463
DESCOM	SIAD	Cdr, Sierra Army Depot ATTN:SDSSI-QA Herlong, CA 96113-5400	830-9351
DESCOM	SVADA	Cdr, Savanna Depot Activity ATTN:SDSLE-VSR Savanna, IL 61074-9636	585-8456/8478
DESCOM	TEAD	Cdr, Tooele Army Depot ATTN:SDSTE-SUP Tooele, UT 84074-5012	790-2301
DESCOM	TOAD	Cdr, Tobyhanna Army Depot ATTN:SDSTO-QA-R Tobyhanna, PA 18466-5108	795-7878
EUSA	KOREA, BUPYONG	Cdr, D-SAFE ATTN:SDSFE-LMD APO AP 96283	262-1101 (032)524-5281 ¹
EUSA	KOREA, SEOUL	Cdr, Eighth U.S. Army ATTN:DJ-MS-M APO AP 96205	(315)723-6361/3885
EUSA	KOREA, TAEGU	Cdr, 19th Support Cmd ATTN:EANC-TIM-MM APO AP 96212-0171	(315)753-7619/7260
FORSCOM	BELLMORE, NY	DA Log Sup Acty Maint ATZDMA-B ATTN: Bellmore Maint Br 2755 Maple Avenue Bellmore, NY 11710-2499	456-8206/8207
FORSCOM	FT BRAGG	Cdr, XVIII Airborne Corps & Fort Bragg ATTN: AFZA-DL-MQ Jackson Street, Bldg 2-2411 Fort Bragg, NC 28307-5000	236-2219
FORSCOM	FT CAMPBELL	Cdr, 101st Abn Div (AASLT) & Fort Campbell ATTN: AFZB-DL-M Fort Campbell, KY 42223-5000	635-7131
FORSCOM	FTCARSON	Cdr, 4th Infantry Div (Mech) & Fort Carson Bldg 8006 ATTN: AFZC-DL-S-WARCO Fort Carson, CO 80913-5000	691-5518/4428(719)579-5518/4428
FORSCOM	FT DEVENS	Cdr, Fort Devens ATTN: AFZD-DLM Fort Devens, MA 0 1433	256-2337 (508)796-2337
FORSCOM	FT DIX	Cdr, USATC & Fort Dix ATTN:ATZD-GDM DOL Maint Div Fort Dix, NJ 08640-5410	944-5059

**Table C-1
Warranty Control Offices—Continued**

Command	Location/Station	Address	Phone DSN/COMM ¹
FORSCOM	FT DRUM	Cdr, 1 Oth Mtn Div & Fort Drum ATTN:AFZS-DL-M Fort Drum, NY 13602-5000	341-6797/5557
FORSCOM	FT HOOD	Cdr, III Corps & Fort Hood ATTN:AFZF-DL-QAED Fort Hood, TX 76544-5000	737-5208/2920
FORSCOM	FT IRWIN	Cdr, National Tng Ctr ATTN:AFZJ-DS-M Fort Irwin, CA 92311-5000	470-3805
FORSCOM	FT LEWIS	Cdr, I Corps & Fort Lewis ATTN:AFZH-DLM-L Fort Lewis, WA 98433-5000	357-6006
FORSCOM	FT MCCOY	Cdr, Fort McCoy ATTN:AFZR-DLM Sparta, WI 54656	280-2652 (606)388-2652 ¹
FORSCOM	FT MCPHERSON	Cdr, Fort McPherson ATTN:AFZK-DL-M Fort McPherson, GA 30330-5000	572-5951
FORSCOM	FT MEADE	Cdr, Fort Meade ATTN:AFKA-ZI-DL-M Fort Meade, MD 20755-5084	923-6465/2870
FORSCOM	FT SAM HOUSTON	Cdr, 5th USA ATTN:AFKB-LG-M Fort Sam Houston, TX 78234-7000	471-3627 (512)221-3627 ¹
FORSCOM	FT SAM HOUSTON	Cdr, Fort Sam Houston ATTN:AFZG-DL-MQ Fort Sam Houston, TX 78234-5000	471-5841
FORSCOM	FT STEWART	Cdr, 24th Inf Div (MECH) ATTN:AFZP-DL-M-QA Fort Stewart, GA 31314-5000	870-7992/7993
FORSCOM	HEADQUARTERS	HQ, FORSCOM ATTN: FCJ4-SME Fort McPherson, GA 30330-6000	367-6755
MICOM	HEADQUARTERS	Cdr, MICOM ATTN:AMSMI-RD-QA-TI-CF Redstone Arsenal, AL 35898	746-2256
RESERVE	COMMAND	US Army Reserve Command ATTN:AFRC-LGS 3800 N. Camp Creek Pkwy S.W. Atlanta, GA 30331-5099	(404)629-8828
TACOM	HEADQUARTERS	Cdr, TACOM ATTN: AMSTA-MMAP Warren, MI 48397-5000	786-7423/7424
TECOM	ABERDEEN PROV GNDS	Cdr, APG, ISA ATTN:STEAP-LO-E APG, MD 21005-5001	298-4060
TRADOC	CARLISLE BARRACKS	Cdr, Carlisle Bks ATTN:ATZE-DIS-L Carlisle Bks, PA 17013-5000	242-3216
TRADOC	FT BELVOIR	Cdr, USAECFB ATTN:ATZA-DOL-LSD Fort Belvoir, VA 22060-5063	354-6431
TRADOC	FT BEN HARRISON	Cdr, USA Sol Spt Cen & Fort Ben Harrison ATTN: ATZI-DLM Fort Ben Harrison, IN 46216-5200	699-5812
TRADOC	FT BENNING	Cdr, USAIC & Fort Benning ATTN:ATZB-DL-MA-QT Fort Benning, GA 31905-5174	835-2157
TRADOC	FT BLISS	Cdr, USAADACENFB ATTN:ATZC-DIM-QA Fort Bliss, TX 79915-6032	978-4187
TRADOC	FT CHAFFEE	Cdr, Fort Chaffee ATTN: ATZR-ZLT(USAG) Fort Chaffee, AR 72905-5000	962-2124/2412
TRADOC	FT EUSTIS ²	Cdr, USATCFE ATTN: ATZF-NM Fort Eustis, VA 23604-5000	927-3201/2381
TRADOC	FT GORDON	Cdr, USASC & Fort Gordon ATTN:ATZH-WSM-T Fort Gordon, GA 30905-5230	780-6798
TRADOC	FT JACKSON	Cdr, USATC & Fort Jackson ATTN:ATZJ-DLM Fort Jackson, SC 29207-5480	734-4214/4915

Table C-1
Warranty Control Offices—Continued

Command	Location/Station	Address	Phone DSN/COMM ¹
TRADOC	FT KNOX	Cdr, USAARMC & Fort Knox ATTN:ATZK-DI-M-P Fort Knox, KY 40121-5000	464-1437
TRADOC	FT LEAVENWORTH	Cdr, USACA Cen & Fort Leavenworth ATTN: ATZL-GDL-MM BLDG 86 Fort Leavenworth, KS 66027-5033	552-3550/3145
TRADOC	FT LEE	Cdr, USAQMCENFL ATTN: ATZM-DIM Fort Lee, VA 23801-5173	687-2286/1807
TRADOC	FT LEONARD WOOD	Cdr, USATC Engr & Fort Leonard Wood ATTN: ATZT-DL-M-W Fort Leonard Wood, MO 65473-5000	581-7216
TRADOC	FT MCCLELLAN ³	Cdr, USA CML & MID Cen and Fort McClellan ATTN: ATZN-DOL-M Fort McClellan, AL 36205-5000	865-3033/3150
TRADOC	FT RUCKER ⁴	Cdr, USAAVNC & Fort Rucker ATTN:ATZA-DOL-M-QA Fort Rucker, AL 36362-5115	558-6098/3615(205)255-2098 ¹
TRADOC	FT SILL	Cdr, USAFACFS ATTN: ATZR-LSS Fort Sill, OK 73503-5100	639-3708/3808
TRADOC	HEADQUARTERS	Cdr, TRADOC ATTN: ATBO-HM Fort Monroe, VA 23651-5000	680-5138
USACSLA	FT HUACHUCA	Cdr, USA CSLA ATTN:SELCL-NMP-MM Fort Huachuca, AZ 85613-7090	879-7538
USAEMRA	VINT HILL FARMS	Cdr, USA EMRA ATTN: SELEM-A Vint Hill Farms Station Warrenton, VA 22186	249-6781
USAREUR	GE, BAD KREUZNACH	Cdr, 8th DMMC ATTN: AETH-MC APO AE 09111	ETS 490-7181/7148
USAREUR	GE, BERLIN	Cdr, USA Berlin ATTN:AEBA-MA-O APO AE 09235	ETS 332-3249/3189
USAREUR	GE, BREMERHAVEN	Cdr, 543D Area Support Gp ATTN:AERN-GM APO AE 09069-0030	ETS 342-8285/8588
USAREUR	GE, DARMSTADT	Cdr, 32D AADCOM ATTN:AETL-GD-CM APO AE 09175	ETS 348-6532/7186
USAREUR	GE, FRANKFURT	Cdr, 3D DMMC (3d AD) ATTN:AETFOE-MMO-MAT APO AE 09039	ETS 328-7221/8281
USAREUR	GE, FRANKFURT	Cdr, V Corps ATTN:AETV-GDM-M APO AE 09079	ETS 320-6062/5773
USAREUR	GE,FULDA	Cdr, 11th ACR ATTN:AETO-CSS-MMC APO AE 09146	ETS 321-3679/3779
USAREUR	GE, GRAFENWOEHR	Cdr, 7th ATC ATTN:AETT-DOL-SM-E APO AE 09114	ETS 476-2567/2767
USAREUR	GE, HEIDELBERG	Cdr, 7th MEDCOM ATTN: AEMLO-L APO AE 09102-3304	ETS 370-2718/2719
USAREUR	GE, HEIDELBERG	Cdr, 26th Spt Gp ATTN:AEUSG-LG-M APO AE 09102-0161	ETS 370-8319/6478
USAREUR	GE,KAEFERTAL	Cdr, 51st Maint Bn ATTN:AERAB-MO APO AE 09086	ETS 380-6773/7416
USAREUR	GE, KAISERSLAUTERN	Cdr, 9th Spt Ctr ATTN: AERLM-LS APO AE 09263	ETS 483-7561/8625
USAREUR	GE, KAISERSLAUTERN	Cdr, 29th Area Support Gp ATTN:AERAS-MM APO AE 09054	ETS 483-7347/8235
USAREUR	GE, KAISERSLAUTERN	Cdr, HHD 66th Maint Bn ATTN:AERAS-W-D APO AE 09227	ETS 489-6636/6676

**Table C-1
Warranty Control Offices—Continued**

Command	Location/Station	Address	Phone DSN/COMM ¹
USAREUR	GE, MANNHEIM	Cdr, CBT Equip GP Europe ATTN:AERSE-MC APO AE 09166-3768	ETS 380-7686/6285
USAREUR	GE, MUNICH	Cdr, 66th MI GP ATTN:IAGPE-LO-MM APO AE 09108-4827	ETS 440-7306/6433
USAREUR	GE, OBERURSEL	Cdr, 4th TRANSCOM ATTN:AEUTR-SVC-M APO AE 09065	ETS 325-2743/2808
USAREUR	GE, SANDHOFEN	Cdr, 70th TRANS BN ATTN: AERSS-S APO AE 09028	ETS 382-6110/7236
USAREUR	GE, WIESBADEN	Cdr, 19th Support Center ATTN:AETV-SCM-PF APO AE 09242	ETS 337-5851/5377
USAREUR	GE, WORMS	Cdr, 5th Signal Command ATTN:ASE-LG-M APO AE 09056-3104	ETS 383-7554/7548
USAREUR	GE, WUERZBERG	Cdr, 3d ID ATTN: AETSBDG-MR APO AE 09036	ETS 350-7188/6226
USAREUR	GE, WUERZBERG	Cdr, 3d ID ATTN:AETSBDSC-DM-MS APO AE 09225	ETS 355-2603/2782
USAREUR	GE, ZWEIBRUECKEN	Cdr, 60th Ord Gp ATTN: AEROD-LM APO AE 09052-3818	ETS 494-6275/7398
USAREUR	GE, ZWEIBRUECKEN	Cdr, 200th TAM MC ATTN:AEAGD-MMC-RO-M APO AE 09052-5356	ETS 494-6505/7255
USAREUR	IT, LIVORNO	Cdr, 201st MMC (USASETAF) ATTN:AESE-MMX-M APO AE 09613	ETS 633-7002/7087
USARJ	JAPAN, ZAMA	HQ, 17th Area Support Group Directorate of Materiel ATTN:APAJ-GH-ID-MN-Q APO AP 96343-0071	228-4194
USARS	JAPAN, OKINAWA	Cdr, 10th Area Support Group Directorate of Materiel ATTN: APAJ-GO-LLM APO AP 96376	631-4237
USARSO	PANAMA	Cdr, 41st Area Support Group Directorate of Materiel ATTN: SOGA-MAM APO AA 34004-5000	285-4504
USARSO	PANAMA	Cdr, 193 Inf Brigade ATTN:AFZU-DL-P APO AA 34004	285-4461/5441
WESTCOM	FT SHAFTER	Cdr, USASCH ATTN: APZV-DLM Fort Shafter, HI 96858-5006	455-9009

Notes:

NOTE 1. All numbers are DSN unless otherwise noted. Geographical Areas of Support: 2. Includes Fort Story. 3. Includes installation units/activities USAR and ROTC units satellited on Fort McClellan under AR 5-9. 4. Includes Fort Rucker and the USAR units satellited on Fort Rucker for support.

**Table C-2
Supporting Logistics Assistance Offices(LAO)**

Location	Address	Phone*
ALEXANDRIA, VA	Deputy Chief of Staff for Logistics ATTN: AMCLG 5001 Eisenhower Avenue Alexandria, VA 22333-0001	284-9718/9
DC WASHINGTON	Ch, Reserve Components Support Office(NGB/OCAR) ATTN: AMXLA-NGB/OCAR RM 2E419, PENTAGON	224-2185
FT BENNING	Washington, DC 20310-2500 Ch, USA LAO, Fort Benning ATTN:AMXLA-C-E-BE Bldg 2529 Fort Benning, GA 31905-6225	835-4185/3792

Table C-2
Supporting Logistics Assistance Offices(LAO)—Continued

Location	Address	Phone*
FT BLISS	Ch, USA LAO, 3d ACR ATTN:AMXLA-C-CBL P.O. Box 6054 Fort Bliss, TX 79906-0054	978-1832/1932
FT BRAGG	Ch, USA LAO, 82d Airborne Div ATTN:AMXLA-C-E-BG Bldg AT-5225 Fort Bragg, NC 28307-5000	236-5188/4004
FT BRAGG	Ch, USA LAO, XVIII Airborne Corps ATTN: AMXLA-C-E Bldg AT-4925 Fort Bragg, NC 28307-5000	235-3988/4722
FT BRAGG	Ch, USA LAO, 1st COSCOM ATTN:AMXLA-E-E-CO Bldg M-T-5848 Fort Bragg, NC 28307-5000	236-8851/6194
FT BRAGG	Ch, USA LAO, USASOC ATTN:AMXLA-C-E-SO Bldg AT-3955 (MMA) Fort Bragg, NC 28307-5000	236-3661
FT CAMPBELL	Ch, USA LAO, 101st Airborne Div ATTN:AMXLA-C-E-CA Bldg 2209 Fort Campbell, KY 42223-5000	635-6929/4510
FT CARSON	Ch, USA LAO, 41D ATTN:AMXLA-C-W-CR Bldg 8000, Rm 250 Fort Carson, CO 80913-5025	691-2291/4669
FT CHAFFEE	Ch, USA LAO, CHAFFEE ATTN:AMXLA-C-C-SL-CH Bldg 441 Fort Chaffee, AR 72905-5000	962-2430/2325
FT DEVENS	Ch, USA LAO, Fort Devens ATTN:AMXLA-C-E-DV Building T-3749, Box 88 Fort Devens, 01433-5880	256-3284
FT DRUM	Ch, USA LAO, 10th Mountain Div ATTN:AMXLA-C-E-DR Bldg T-18 Fort Drum, NY 13602-5000	341-6437/6439
FT EUSTIS	Ch, USA LAO, Fort Eustis ATTN:AMXLA-C-E-EU Bldg 1608 Fort Eustis, VA 23604-5535	927-1333/2206
FT GORDON	Ch, USA LAO, Fort Gordon ATTN:AMXLA-C-E-GN Bldg 10507 Fort Gordon, GA 30905-5664	780-5332/5305
FT HOOD	Ch, USA LAO, III Corps ATTN:AMXLA-C-C Fort Hood, TX 76544-5056	737-6608/0926
FT HOOD	Ch, USA LAO, 13th COSCOM ATTN:AMXLA-C-C-CO Fort Hood, TX 76544-5056	737-9513/9514
FT HOOD	Ch, USA LAO, 1st CAV ATTN:AMXLA-C-C-1C Bldg 4434 Fort Hood, TX 76544-5056	
FT HOOD	Ch, USA LAO, 5th ID(M) ATTN:AMXLA-C-C-5ID Bldg 4419 Fort Hood, TX 76544-5056	
FT HUACHUCA	Ch, USA LAO, Fort Huachuca ATTN:AMXLA-C-W-HU Rm 2101, Greely Hall Fort Huachuca, AZ 85613-5000	879-6328/6329
FT IRWIN	Ch, USA LAO, Fort Irwin ATTN:AMXLA-C-W-IR Bldg 502 Fort Irwin, CA 92310	470-3755/3757
FT JACKSON	Ch, USALAO, Ft Jackson ATTN:AMXLA-C-E-JK BLDG 2371 Fort Jackson, SC 29207-0010	734-4316/6950

Table C-2
Supporting Logistics Assistance Offices(LAO)—Continued

Location	Address	Phone*
FT KNOX	Ch, USA LAO, Fort Knox ATTN:AMXLA-C-C-KN P.O. Box 59 Fort Knox, KY 40121-5650	464-4955/3953
FT LEE	Commandant USA Logistics Management College ATTN: ATSZ-MRD-L Fort Lee, VA 23801-6049	539-4807/4351
FT LEONARD WOOD	Ch, USA LAO, Fort Leonard Wood ATTN:AMXLA-C-C-LW Bldg 1842 Fort Leonard Wood, MO 65473-5870	581-7312/7314
FT LEWIS	Ch, USA LAO, 71D ATTN:AMXLA-C-W-LE Bldg 9505 Fort Lewis, WA 98433-5000	357-5593/3327
FT LEWIS	Ch, USA LAO, I Corps ATTN:AMXLA-C-W Bldg 5A31 Fort Lewis, WA 98433-5000	357-2349/2400
FT MCPHERSON	Ch, USA LAO, FORSCOM ATTN:AMXLA-CO Bldg 200 Fort McPherson, GA 30330-6000	367-6711/5445
FT MEADE	Ch, USA LAO, Fort Meade Deputy Chief of Staff for Logistics ATTN: AMXLA-C-E-ME Bldg 4550, Room 130 Fort Meade, MD 20755-7400	923-4854/6184
FT ORD	Ch, USA LAO, Fort Ord ATTN:AMXLA-C-W-OR Bldg 2052 Fort Ord, CA 93941-7210	929-2309/3193
FT POLK	Ch, USA LAO, Fort Polk ATTN:AMXLA-C-G-PK P.O. Box 3928, Bldg 414 Fort Polk, LA 71459-0928	863-2975/4024
FT RICHARDSON	Ch, USA LAO, Fort Richardson ATTN:AMXLA-P-AK-FR P.O. Box 5687 Fort Richardson, AK 99505-7870	317-384-2931
FT RILEY	Ch, USA LAO, Fort Riley ATTN:AMXLA-C-C-RI Fort Riley, KS 66442-6828	856-4241
FT RUCKER	Ch, USA LAO, Fort Rucker ATTN:AMXLA-C-E-RU P.O. Box 670 Fort Rucker, AL 36362-5297	558-3971/4694
FT SHAFTER	Ch, USA LAO, Pacific ATTN:AMXLA-P Fort Shafter, HI 96858-5400	438-2715/6241
FT SILL	Ch, USA LAO, Fort Sill ATTN:AMXLA-C-C-SL P.O. Box 33069 Fort Sill, OK 73503-0069	639-4304/2778
FT STEWART	Ch, USA LAO, 24ID ATTN:AMXLA-C-E-ST Bldg T-286 Fort Stewart, GA 31314-6072	870-5037/2935
FT WAINWRIGHT	Ch, USA LAO, Alaska ATTN:AMXLA-P-AK P.O. Box 35049 Fort Wainwright, Alaska 99703-0049	317-353-7721
GE, BAD KREUZNACH	Ch, USA LAO 1st AD Unit 24110, Box AMC-LAO ATTN: AMXLA-E-N-BK APO AE 09111	490-6161/7226 Bad Kreuznach Mil
GE, BERLIN	CH, USA LAO, Berlin c/o 6th Spt Bn (ATTN: AMXLA-E-W-B) Unit 26704, Box 6144 APO AE 09235	ETS 332-3228/3495
GE, DARMSTADT	Ch, USA LAO, 32D AADCOM ATTN:AMXLA-E-W-DR APO AE 09175	ETS 348-7357/6550

Table C-2
Supporting Logistics Assistance Offices(LAO)—Continued

Location	Address	Phone*
GE, FRANKFURT	Ch, USA LAO, V Corps ATTN:AMXLA-E-N APO AE 09079-4709	320-8346/6306 Frankfurt Mil
GE,FULDA	Ch, USA LAO, 11th ACR Box 174 ATTN:AMXLA-E-N-FD APO AE 09146-4711	321-3625/3725 Fulda Mil
GE, KAISERSLAUTERN	Ch, USA LAO, 21st TAACOM c/o 9th MMC(ATTN: AMXLA-E-W) Unit 23201 APO AE 09263	483-8211/8775 Kaiserslautern Mil
GE, KITZINGEN	Ch, USA LAO, 3d ID Unit 26512 ATTN:AMXLA-E-S-KZ APO AE 09225	355-2715/2785 Kitzingen Mil
GE, SECKENHEIM	Ch, USA LAO, Europe ATTN:AMXLA-E APO AE 09266-4708	370-8888/7068 Heidelberg Mil
GE, VILSECK	Ch, USA LAO, 7th ATC HHC 7A CATC ATTN:AMXLA-E-S-VL APO AE 09112	476-2627/2865 Vilseck Mil
GE, WIESBADEN	Ch, USA LAO, 3D COSCOM ATTN:AMXLA-E-N-WI Unit 29629 APO AE 09096	337-5389/5713 Wiesbaden Mil
GE, WORMS	Ch, USA LAO, 5th Signal Cmd ATTN:AMXLA-E-W-WO CMR 421 APO AE 09056	ETS 383-7321/7716
GE, ZWEIBRUECKEN	Ch, USA LAO, 200th TAMMC ATTN:AMXLA-E-W-ZB APO AE 09052	ETS 494-6016/6246
HONDURAS, SOTO CANO	Ch, USA LAO, Soto Cano AB ATTN:AMXLA-S-SC PSC #42, Box 168 APO AA 34042	449-4508/4459
ITALY, LIVORNO	Ch, USA LAO, Camp Darby, Italy ATTN:AMXLA-L Unit 38301, Box 39 APO AE 09613	314-633-7201/7368
ITALY, VICENZA	Ch, USA LAO, SETAF ATTN:AMXLA-E-W-VI Unit 31401, Box 12 APO AE 09630	634-7533/7532
KOREA, TONGDUCHON	Ch, USA LAO, 21D ATTN:AMXLA-FE-ID Bldg S-2242, Camp Casey Unit # 15048 APO AP 96224-0309	730-1967/1962
KOREA, TAEGU	Ch, USA LAO, 19 SUPCOM ATTN:AMXLA-FE-SC Bldg S-1 101, Camp Henry Unit #15019 APO AP 96218-0175	768-7955/7990
KOREA, PYONGTAEK	Ch, USALAO, Camp Humphreys ATTN:AMXLA-FE-P Bldg T-329, Camp Humphreys Unit # 15228 APO AP 96271-0164	753-6012/6004
KOREA, SEOUL	Ch, USA LAO, FAR EAST ATTN:AMXLA-FE Bldg 2680, Yongsan Unit # 15293 APO AP 96205-0066	723-2575/3752 Yongsan
KOREA, UIJONGBUK	Ch, USALAO, 21D CP Red Cloud ATTN:AMXLA-FE-U Bldg T-704, Camp Red Cloud Unit #15353 APO AP 96258-0210	732-6108/6174
PANAMA,COROZAL	Ch, USA LAO, SOUTHCOM ATTN:AMXLA-S Unit 092 APO AA 34002-5000	313-285-4208/4153

Table C-2
Supporting Logistics Assistance Offices(LAO)—Continued

Location	Address	Phone*
SCHOFIELD BKS	Ch, USA LAO, 251D ATTN:AMXLA-P-SB Schofield Bks, HI 96857-5400	455-9120/9348

Notes:

NOTE *. All numbers are DSN unless otherwise noted.

Appendix D Julian/Ordinal Date Calendar

D-1. Julian dates

Julian dates are made with four numerical characters. The first character of the julian date is the last number of the current calendar year. The remaining three characters of the julian date are the numbered calendar day of the current year. For example, for 11 June 1990, the julian date would be "0162". Using the date of 11 June 1990, instructions on how to arrive with a julian date from the chart below are as follows:

a. For the first character of the julian date, use the last numerical character of calendar year 1990. The zero (0) will be the first character of the julian date for 1990.

b. For the remaining three characters of the julian date, find the day of the month (in this case, 11 June) in the first or last column in the chart below. With a straight edge placed on the line where the day "11" appears, move to the right or left until you come to the current month (in this case, June). You will find the number "162" in the June column. This is the one hundred and sixty second day of the calendar year 1990.

c. Place the "0" in front of "162" and you will have the julian date of "0162" for 11 June 1990.

D-2. Ordinal dates

Ordinal dates are made with five numerical characters. The first two characters of the ordinal date are the last two numbers of the current calendar year. The remaining three characters of the ordinal date are the numbered calendar day of the current year. For example, for 11 June 1990, the ordinal date would be "90162". Using the date of 11 June 1990, instructions on how to arrive with an ordinal date from the chart below are as follows:

a. For the first two characters of the ordinal date, use the last two numerical characters of calendar year 1990. The "90" will be the first two characters of the ordinal date for 1990.

b. For the remaining three characters of the ordinal date, find the day, month, and numeric day of the calendar year 1990 the same way you do for construction of a julian date (para D-1).

c. The ordinal date for this example of 11 June 1990 would be "90162".

Julian/Ordinal Date Calendar

Calendar to Julian/Ordinal Date													(Chart 1 Perpetual)	
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Day	
1	001	032	060	091	121	152	182	213	244	274	305	335	1	
2	002	033	061	092	122	153	183	214	245	275	306	336	2	
3	003	034	062	093	123	154	184	215	246	276	307	337	3	
4	004	035	063	094	124	155	185	216	247	277	308	338	4	
5	005	036	064	095	125	156	186	217	248	278	309	339	5	
6	006	037	065	096	126	157	187	218	249	279	310	340	6	
7	007	038	066	097	127	158	188	219	250	280	311	341	7	
8	008	039	067	098	128	159	189	220	251	281	312	342	8	
9	009	040	068	099	129	160	190	221	252	282	313	343	9	
10	010	041	069	100	130	161	191	222	253	283	314	344	10	
11	011	042	070	101	131	162	192	223	254	284	315	345	11	
12	012	043	071	102	132	163	193	224	255	285	316	346	12	
13	013	044	072	103	133	164	194	225	256	286	317	347	13	
14	014	045	073	104	134	165	195	226	257	287	318	348	14	
15	015	046	074	105	135	166	196	227	258	288	319	349	15	
16	016	047	075	106	136	167	197	228	259	289	320	350	16	
17	017	048	076	107	137	168	198	229	260	290	321	351	17	
18	018	049	077	108	138	169	199	230	261	291	322	352	18	
19	019	050	078	109	139	170	200	231	262	292	323	353	19	
20	020	051	079	110	140	171	201	232	263	293	324	354	20	
21	021	052	080	111	141	172	202	233	264	294	325	355	21	
22	022	053	081	112	142	173	203	234	265	295	326	356	22	
23	023	054	082	113	143	174	204	235	266	296	327	357	23	
24	024	055	083	114	144	175	205	236	267	297	328	358	24	
25	025	056	084	115	145	176	206	237	268	298	329	359	25	
26	026	057	085	116	146	177	207	238	269	299	330	360	26	
27	027	058	086	117	147	178	208	239	270	300	331	361	27	
28	028	059	087	118	148	179	209	240	271	301	332	362	28	
29	029		088	119	149	180	210	241	272	302	333	363	29	
30	030		089	120	150	181	211	242	273	303	334	364	30	
31	031		090		151		212	243		304		365	31	

For Leap Years See Chart 2

Figure D-1. Julian/Ordinal Date Calendar

Julian/Ordinal Date Calendar

Calendar to Julian/Ordinal date

(Chart 2 for leap years)

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Day
1	001	032	061	092	122	153	183	214	245	275	306	336	1
2	002	033	062	093	123	154	184	215	246	276	307	337	2
3	003	034	063	094	124	155	185	216	247	277	308	338	3
4	004	035	064	095	125	156	186	217	248	278	309	339	4
5	005	036	065	096	126	157	187	218	249	279	310	340	5
6	006	037	066	097	127	158	188	219	250	280	311	341	6
7	007	038	067	098	128	159	189	220	251	281	312	342	7
8	008	039	068	099	129	160	190	221	252	282	313	343	8
9	009	040	069	100	130	161	191	222	253	283	314	344	9
10	010	041	070	101	131	162	192	223	254	284	315	345	10
11	011	042	071	102	132	163	193	224	255	285	316	346	11
12	012	043	072	103	133	164	194	225	256	286	317	347	12
13	013	044	073	104	134	165	195	226	257	287	318	348	13
14	014	045	074	105	135	166	196	227	258	288	319	349	14
15	015	046	075	106	136	167	197	228	259	289	320	350	15
16	016	047	076	107	137	168	198	229	260	290	321	351	16
17	017	048	077	108	138	169	199	230	261	291	322	352	17
18	018	049	078	109	139	170	200	231	262	292	323	353	18
19	019	050	079	110	140	171	201	232	263	293	324	354	19
20	020	051	080	111	141	172	202	233	264	294	325	355	20
21	021	052	081	112	142	173	203	234	265	295	326	356	21
22	022	053	082	113	143	174	204	235	266	296	327	357	22
23	023	054	083	114	144	175	205	236	267	297	328	358	23
24	024	055	084	115	145	176	206	237	268	298	329	359	24
25	025	056	085	116	146	177	207	238	269	299	330	360	25
26	026	057	086	117	147	178	208	239	270	300	331	361	26
27	027	058	087	118	148	179	209	240	271	301	332	362	27
28	028	059	088	119	149	180	210	241	272	302	333	363	28
29	029	060	089	120	150	181	211	242	273	303	334	364	29
30	030		090	121	151	182	212	243	274	304	335	365	30
31	031		091		152		213	244		305		366	31

(Use in 1992, 1996, 2000, 2004, 2008, etc)

Figure D-1. Julian/Ordinal Date Calendar—Continued

Appendix E**Department of the Army List of Items on which Historical Records are to be Maintained****E-1. Introduction**

This appendix tells you the equipment that requires historical records and which forms you will keep. In addition to required forms listed in this appendix, DA Form 2408-20 is maintained on equipment enrolled in the AOAP. The AOAP equipment is identified in chapter 4, tables 4-1 through 4-7. However, if the supporting AOAP laboratory is automated and you receive printout(s) or automated forms reflecting all the data from the DA Form 2408-20, the DA Form 2408-20 is not required unless directed by local standing operation procedures.

E-2. Required forms

The forms required are identified opposite the nomenclature of the equipment found in tables E-1 through E-4. The DA Form 2408-9 refers to reporting of acceptance, transfers, losses, gains, and NSN

re-designations. The DA Form 2408-9 USAGE refers to usage, overhaul reporting, and to the repair of selected combat and tactical vehicles under the CONUS Tactical Wheeled Vehicle Program and for OCONUS, under the Theater Intermediate General Support Repair Program (GSRP) (formerly The Theater Army Repair Program (TARP)), or other DA approved programs requiring DA Form 2408-9 reports. All track and wheeled items of equipment subject to the U.S. Army Vehicle Registration Program are required to submit DA Forms 2408-9 per chapters 5 of both AR 710-3 and this pamphlet. These items have been included in appendix E.

E-3. Missile systems/missile subsystems, combat/tactical vehicles, and support equipment

Missile systems/missile subsystems, combat/tactical vehicles, and support equipment are listed in tables E-1 and E-2 and arranged by ECC. The column headings are ECC, NOUN, MODEL, LIN, NSN, EIC, REG# REQD, and FORMS REQUIRED. The ECC is a two character alpha designation that shows the general and subgroupings for the items (see app B, table B-18).

E-4. Railway equipment and non-tactical wheeled vehicles

Railway equipment and non-tactical wheeled vehicles are listed in Tables E-3 and E-4 and are arranged by ECC/LIN/NSN. The column headings are ECC, NOUN, LIN, NSN, EIC, REG#REQD, and FORMS REQUIRED.

E-5. Forms information

The purpose, detailed requirements, use, preparation, processing and disposition of the DA forms are contained in other chapters of this pamphlet.

E-6. TAMMS DA forms

Commanders may direct the preparation of TAMMS DA forms not listed for equipment for local management purposes. However, all copies of forms used will be retained within the command.

E-7. Initiation of DA Form 2408-5

DA Form 2408-5 will be initiated only upon notification of the first published DAMWO.

E-8. DA Forms 2409 not listed

Commanders may require DA Forms 2409 on equipment not listed in appendix E.

E-9. When to start a form

Do not start a form until entries are required on it.

E-10. Requests to add equipment

Requests to add equipment to appendix E will be submitted in writing (Memorandum or DA Form 2028) through the AMC major subordinate command that manages the item to: Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. You will find the command that manages the item by looking up the item's NSN on the Army Master Data File. The command is identified by the first position of the MAT-CAT code.

a. Request to add equipment will include the following information:

- (1) The nomenclature of the item.
- (2) The item's NSN.
- (3) Model or identification number.
- (4) Line item number.
- (5) Item manager (the command that manages the item).
- (6) The item's equipment category code. See table B-18.
- (7) Is the item currently in the Army inventory? Give the current and projected densities. (Normally the command that manages the item will provide this information.)
- (8) Identify the type of historical records required.
- (9) Define the purpose of each form to include—
 - (a)* Data to be collected.
 - (b)* Who will use the data.
 - (c)* How long the data must be retained and why.
 - (d)* A picture of the equipment.

b. When the DA Form 2409 is requested, identify specifically the form sections/blocks required and source of data for the information to be retained, as well as when the form or data from the form will be required/reported and the purpose of the report.

c. Request for DA Form 2408-9 information will—

- (1) Define the use and purpose for the DA Form 2408-9 data being requested.
- (2) Define the data elements required for summaries/reports that must be made on the DA Form 2408-9 data that will be collected. Describe the required format for the intended summaries/reports.
- (3) Identify the frequency for the intended summaries/reports and the activity that will be responsible for using the data.

E-11. Usage reporting

Usage reporting for all combat and selected tactical vehicles has been deleted. Usage for these items is now being obtained through the AOAP. Tactical vehicles not enrolled in the AOAP are still

identified in appendix E as DA Form 2408-9 USAGE reportable and will be reported as of 1 November of each year.

E-12. Format of this appendix

The format of this appendix provides separate columns as shown below:

- a.* ECC—Equipment category code.
- b.* NOUN—Nomenclature.
- c.* MODEL/LIN—Model—End Item Model. LIN—Line Item Number.
- d.* NSN—National stock number.
- e.* EIC—End item code. *** Indicates not assigned.
- f.* REG# REQD—Indicates items requiring the assignment of U. S. Army registration numbers.
- g.* Forms required are indicated by an X:
 - (1) (1) 2408-4 WPNS REC. DA Form 2408-4. Weapon Record Data.
 - (2) (2) 2408-5 MWO. DA Form 2408-5. Equipment Modification Record.
 - (3) (3) 2408-9 A/T/G/L. DA Form 2408-9, Acceptance, Transfer, Gain or Loss Report.
 - (4) (4) 2408-9 USAGE. DA Form 2408-9, Usage Report.
 - (5) (5) 2408-9 OH/RPR. DA Form 2408-9, Overhaul Report and CONUS Tracked Wheeled Vehicle Repair Program or GSRP.
 - (6) 2409 MAINT. DA Form 2409, Equipment Maintenance Log.

Table E-1
Identification of Required Forms for Missile Systems

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-5 MWO	2408-9 A/T/ G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL	2409 MAINT
B	AIR DEFENSE SYSTEM											
	BE	GM SYSTEM HAWK										
		RADAR ST CONT WA ACQ	AN/MPQ-55	Q16044	1430010424907	MCH	X	X	X			
		RADAR SET	AN/MPQ-50	016048	1430010424908	MCJ	X	X	X			
		RADAR SET HIPIR	AN/MPQ-57	Q16040	1430010789643	MDJ	X	X	X			
		PLATOON CMD POST GM	AN/MSW-13RAM	P05898	1430010841131	MEB	X	X	X			
		CABLE ASSY ELEC TRIAD	NONE	C60442	1430010870697	MEE		X	X			
		PLATOON CMD POST GM	AN/MSW-20	P06103	1430011805318	MFD	X	X	X			
		CWAR RADAR SET GM	AN/MPQ-62	C66602	1430011846768	MEJ	X	X	X			
		HP1 RADAR SET	AN/MPQ-61	H86670	1430011918780	MEK	X	X	X			
		CABLE SET ELECTRICAL	AN/GSA-137	C68284	1430012139397	MEL		X	X			
		CONTROL BOX LNCHR SECT	AN/GSA-132A	E88188	1440006025055	MBC		X	X			
		LAUNCHER ZERO LENGTH	M192E1	L45757	1440008053012	MCA	X	X	X			
		LOADER TRANS GM	M501E3	L76762	1450000668873	MAA	X	X	X			
		PALLET LOAD & STORE	M1E2	N51684	1450001035399	MAB	X	X	X			
		SHOP EQUIP GM RCS	AN/TSM-112	T14109	4935001339770	MAD	X	X	X			
		SHOP EQUIP (SHOP 6)	AN/TSM-132	T11645	4935006047378	MBD	X	X	X			
		SHOP EQUIP (SHOP 5)	ME2E2	T11508	4935007406220	MBG	X	X	X			
		SHOP EQUIP GM RCS SYS	NONE	T14102	4935007821957	MBJ	X	X	X			
		SHOP EQUIP (SHOP 8)	AN/TSM-107	T14464	4935010424909	MCK	X	X	X			
		SHOP EQUIP (SHOP 3)	AN/TSM-104	T14101	4935010518691	MDF	X	X	X			
		SHOP EQUIP (SHOP 1)	AN/TSM-106	T14103	4935010833129	MDK		X	X			
		SHOP EQUIP (SHOP 9)	AN/TSM-145	T14110	4935010855618	MEC		X	X			
		SUPPL EQUIP GM TST ST	AN/TSM-148	U59390	4935010855679	MED		X	X			
		SHOP EQUIP (SHOP 2)	AN/TSM-169	T14105	4935011662185	MFB		X	X			
		SHOP EQUIP (SHOP 8)	AN/TSM-178	S23289	4935012187088	MCL		X	X			
		SHOP EQUIP (SHOP 1)	AN/TSM-179	S15525	4935012187089	MCM		X	X			
		SHOP EQUIP (SHOP 9)	AN/TSM-177	S23357	4935012239088	MCN		X	X			
		SUPPL EQ SYS TST STA	AN/TSM-180	S63066	4935012239122	MFM		X				
		SHOP EQUIP (SHOP 20)	AN/TSM-190	S14686	4935012829256	***		X	X			
		SHOP EQUIP (SHOP 21)	AN/TSM-188	S14766	4935012865599	***		X	X			
		SHOP EQUIP (SHOP 8)	AN/TSM-189	Z69483	4935012865600	***	X	X	X			
	BF	ARMAMENT SUB-SYS HEL M-22										
		ARMT-SUB SYS	M22	A90871	1440009963769	***		X	X			
		SHOP EQUIP GM P-DM	M22 C	T13837	4935000459612	***		X	X			
		SHOP EQUIP GM FM	M22 E	T15207	4935006916837	***		X	X			
		SHOP EQUIP GM FM	M22 B	T15207	4935009539121	***		X	X			
		TRAINING SET GM FC	DX-44	X04347	6920009539965	***		X	X			
	BK	CHAPARRAL										
		INTERCEPT AERIAL	MIM-72B	J95467	1410004211632	NBP		X	X			
		GM INTERCEPT AERIAL	MIM-72C	J95469	1410005556185	NAH		X	X			
		GM INTERCEPT AERIAL	MIM-72A	J95459	1410009308358	NAL		X	X			
		GM INTERCEPT AERIAL	MIM-72E	M44599	1410010953248	NBG		X	X			
		GM INTERCEPT AERIAL	MIM-72G	G95537	1410012057186	NAR		X				
		TOWED CHAP FIRE UNIT	XM85	T69778	1425011662187	NCE		X	X			
		GMS INTERCEPT AERIAL	M48A1	J95533	1440010698877	NBD		X	X		X	
		LAUNCHING STATION GMS	M54A1	J95536	1440010746799	NCH		X	X			
		GMS INTERCEPT AERIAL	M48A2	J95533	1440011063089	NBK		X	X		X	
		LAUNCHING STATION GMS	M54A2	J95536	1440011424576	NAQ		X	X			
		GMS INTERCEPT AERIAL	M48A2E1	J95533	1440011985892	NCI	X	X	X		X	
		LAUNCHING STATION GMS	M54A2E1	J95536	1440012073002	NBQ		X	X			
		GUIDED MISSILE SYS	M48A3	J95533	1440013203843	***		X	X			
		CARRIER GM EQUIP (SP)	M730	D11668	1450009308749	NCF	X		X		X	

Table E-1
Identification of Required Forms for Missile Systems—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-5 MWO	2408-9 A/T/ G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL	2409 MAINT
	CARRIER GM EQUIP	M730A1	NO-LIN	1450011212122	AEK	X		X		X	X	
	CARRIER GM	M730A2	NO-LIN	1450012076408	***	X		X		X	X	
	TEST SET GM	AN/DSM-79	V78928	4935000457282	NAC		X	X				
	SHOP EQUIP GMS (XO-4)	AN/TSM-96	T14441	4935001689951	NAE	X	X	X				
	TEST SET GMS (XO-2)	AN/TSM-85	V79469	4935001987773	NAG		X	X				
	ALIGNMENT SET LNCHR	M-71	A35027	4935009338823	NAM		X	X				
	SHOP EQUIP GMS	AN/TSM-95	NO-LIN	4935010698867	NBC	X	X	X				
	TEST SET GMS	AN/TSM-85A	V79469	4935010699144	NBE		X	X				
	SHOP EQUIP GMS	AN/TSM-96A	T14441	4935011049827	NBJ	X	X	X				
	TEST SET GMS	AN/TSM-85B	V79469	4935011585338	NCB		X	X				
	ALIGNMENT SET LNCHR	M71A1	A35027	4935011593919	NCC		X	X				
	BM FWD AREA ALERT RADAR(FAAR)											
	RADAR SET (XO-1)	AN/MPQ-49	Q16046	1430001794199	NFC	X	X	X				
	DSPLY SET TGT DATA	NONE	G22933	1430001795321	NFD		X	X				
	DSPLY SET TGT DATA	NONE	G22933	1430010687642	NFE		X	X				
	TEST SET RADAR	AN/MPM-59	V84002	6625001511323	NFA	X	X	X				
	TEST SET RADAR	AN/MPM-57	V83998	6625001780833	NFB	X	X	X				
	BN STINGER											
	AVENGER	AN/TWQ-1	F57713	1430012861314	NWA	X	X	X				
	INTERROGATOR SET	AN/PPX-3	J98501	5895010324263	***			X				
	PROGRAMMER INTERROG	AN/GSX-1	P69002	5895010324266	IZJ			X				
	CHARGER BATTERY	PP-7309	C99921	6130010246922	NRB			X				
	TRAINING SET GM	M134	T04834	6920010246948	NRF			X				
	RECHARGING UNIT	M80	R61270	6920010249970	NRJ			X				
	TRAINING SET GM	M160	T04834	6920012322562	NRY			X				
	BP PATRIOT											
	GM INTERCEPT AERIAL	MIM-104	G95535	1410010876343	MNE		X	X				
	GUIDED MSL INTE	MIM-104A	G95535	1410012057066	MNL		X	X				
	GUIDED MISSILE INTE	MIM-104B	G95535	1410012676685	MOV		X	X				
	GUIDED MSL INTE	MIM-104C	G95535	1410012869689	***		X	X				
	RADAR SET SEMITR MTD	AN/MPQ-53	R18815	1430010876330	MNA	X	X	X				
	INFO AND COORD CENTR	AN/MSQ-116	J82250	1430010876337	MNB	X	X	X				
	ENGAGEMENT CONT STA	AN/MSQ-104	E08497	1430010876338	MNC	X	X	X				
	LAUNCHING STATION	M901	L46979	1440010879844	MNF	X	X	X				
	SEMITRAILER LB	M1033	S74055	2330010879857	MNG	X	X	X				
	STRRLR VAN GM RPR PTS	M1032	S43871	2330011307980	MNJ		X	X				
	SHOP EQUIP GMS	AN/TSM-163	S17120	4935011348713	MOB	X	X	X				
	SHOP EQUIP GMS	AN/TSM-164	S15457	4935011360233	MOC	X	X	X				
	SHOP EQUIP GMS	AN/TSM-176	S14637	4935011654224	MON	X	X	X				
	SHOP EQUIP GMS	AN/TCM-1	S14569	4935011820578	MOK	X	X	X				
	ORG MAINT TRNR	NONE	P24234	6920011618962	MOD		X	X				
	OPERATOR TACTICS TRNR	AN/FSG-T2	P40272	6920011618963	MOE		X	X				
	BV MISCELLANEOUS											
	ANTENNA MAST GROUP	OE349MRC	A80593	1430011315373	MNK	X	X	X				
	COMM RELAY GROUP	AN/MRC-137	C60363	1430011315427	MOA		X	X				
	SHOP EQUIP KIT (PVS)	XM-1	NO-LIN	4935010122845	MCF		X	X				
	BX TRAINING AND HANDLING EQUIPMENT											
	TRAINING SET GM STM	M76	X04518	6920008090399	NND			X				
	TRAINING SET GM FC	DX-43	X04073	6920009539964	***		X	X				
C	MISSILE SYS SURFACE-TO-SURFACE											
	CA LAND COMBAT SUPPORT SYSTEMS(LCSS)											
	SUPPL EQUIP TEST STA	MK1551	U59407	4935001347730	QRC		X					
	SUPPL EQUIP TEST STA	MK1165	U59250	4935001779498	QRD		X					

Table E-1
Identification of Required Forms for Missile Systems—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-5 MWO	2408-9 A/T/ G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL	2409 MAINT
	TEST STATION	AN/TSM-93	W00869	4935009307250	QRF	X	X	X				
	SHOP EQUIP	AN/TSM-94	T14485	4935009307251	QRG	X	X	X				
	CB TOW											
	CARR GM EQUIP (TOW)	M113A1	D11681	1450001762697	AEA	X	X	X		X	X	
	TRUCK GM EQUIP MULE	NONE	X45554	1450001762709	BGA	X		X				
	TRUCK GM EQUIP (TOW)	JEEP TOW	X45549	1450001762712	BAA	X	X	X	X		X	
	TRUCK GM (TOW)	NONE	X45317	1450008789024	BAB	X	X	X	X		X	
	TEST SET GMS LNCHR	NONE	V79132	4935003512601	PFB		X	X				
	TEST SET GMS	AN/TSM-104B	T79200	4935011429561	PBJ		X					
	CD DRAGON											
	TRKR IR GM (XO-I)/P	SU-36	W80715	1430000788340	PJB		X					X
	NIGHT VISION SGT TRAC	AN/TAS-5	N23721	1430010469594	PKF		X					X
	TRACTOR TEST SET	AN/TSM-114	NO-LIN	4935000782858	***		X					X
	SUPPL EQUIP TEST STA	MK1638	U59424	4935001093365	QRB		X	X				X
	TRACTOR TEST SET	AN/TSM-114	NO-LIN	4935001245585	PJE		X					X
	TRANSM SET INFRARED	M89	X18673	6920000714482	PJA		X					X
	MONITORING SET GM	AN/TSQ-T1	M66857	6920001656369	PJH		X					X
	TRAINER LAUNCH EFF GM	M54	X00233	6920001756327	PJK		X					X
	TRANSM SET INFRARED	M89E1	X18673	6920011477124	PLB		X					X
	CG MULTIPLE ROCKET LAUNCHER SYS											
	LAUNCHER ROCKET ARM	M270	L44894	1055010920596	QAC	X	X	X		X	X	X
	LAUNCHER RKT ARMD VEH	M1270/IMP	L44894	1055011920357	QBD	X	X	X		X	X	X
	LAUNCHER RKT ARMD VEH	M270/IMP	L44894	1055011920358	QBE	X	X	X		X	X	X
	LAUNCHER ROCKET ARM	M270/IMP	L44894	1055012519756	QBJ	X	X	X		X	X	X
	LAUNCHER ROCKET ARM	M270/IMP	L44894	1055013296826	***	X	X	X		X	X	X
	ROCKET POD 298 MM	M26	L65871	1340011223506	QAH		X					
	HYDRAULIC SVC UNIT	MLRS	H58029	1450011374442	QBA		X					
	TRNR INERT LNCH POD	LP/CMLRS	T06763	6920011369550	QAJ		X					
	TRNR INERT LCHN POD	M/LPA MLRS	T06763	6920012992216	QAM		X					
	DIGITAL MSG DEVICE	(MLRS)	M52900	7025011936603	QAL		X					
	CV GM SYSTEM SHILLELAGH											
	TEST SET GM	AN/TJM-1	V78911	4935001340056	QQB		X					
	SUPPL EQUIP TEST STA	MK1166	U59255	4935001779502	QRE		X	X				
	SHOP EQUIP (COF)	AN/MSM-97	T10129	4935001795584	QQV	X	X	X				
	TEST SET GMS	AN/MSM-93	V79499	4935008790373	QQD		X					
	TRNR LNCHR (COF)	M62	X00250	6920009304009	QQG		X					
	CX TRAINING AND HANDLING EQUIPMENT											
	TRAINING SET GM STM	M70	X04584	6920001797320	PAE		X					
	TRAINING SET	AN/TAS-4	X04584	6920011439406	PBK		X					
	TRAINING SET	M70E2	X04584	6920011456098	PBL		X					

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
D	ARTILLERY WEAPONS											
	DA HOWITZERS, TOWED											
	HOWITZER LT 105MM	M102	K57392	1015000868164	3EA		X		X			
	HOWITZER LT 105MM	M101	K57392	1015003229728	3EB		X		X			
	HOWITZER LT 105MM	M101A1	K57392	1015003229752	3EC		X		X			
	HOWITZER LT 155MM	M119	H57505	1015012480859	3FA	X	X		X			
	HOWITZER LT 155MM	M119A1	H57505	1015013081872	3WC	X	X		X			
	HOWITZER LT 105MM	L119	H57505	1015999607065	3FB	X	X		X			
	HOWITZER MED 155MM	M114	K57803	1025003229755	3EG		X		X			
	HOWITZER MED 155MM	M114A1	K57803	1025003229768	3EH		X		X			
	HOWITZER MED 155MM	M114A2	K57803	1025010259857	3EK		X		X			
	HOWITZER MED 155MM	M198	K57821	1025010266648	3EL		X		X			
	DB MORTARS											
	MORTAR 60MM	M224	M67939	1010010205626	4SC		X		X			
	MORTAR 107MM	M30/M24	M68282	1015003229720	4SD		X		X			
	MORTAR 107MM	M30/M24A1	M68282	1015008401840	4SH		X		X			
	MORTAR 81MM	M29A1	M68008	1015009997794	4SJ		X		X			
	MORTAR 81MM	M252	M02114	1015011646651	4SK		X		X			
	DC RIFLES, RECOILLESS											
	RIFLE, RCL 106MM	M40A2/MTM79	R96758	1015001338484	4GR		X		X			
	RIFLE, RCL 106MM	M40A4/MTM92	R96758	1015001338485	4GS		X		X			
	RIFLE, RCL 106MM	M40A1	R96758	1015003484925	4GY		X		X			
	RIFLE, RCL 90MM	M67	R96484	1015006577534	4G2		X		X			
	DE LAUNCHERS,ROCKET											
	LAUNCHER ROCKET 115MM	M91	L45123	1055006759532	4RC		X		X			
	LNCHR MINE CLEARING	MOD1	L67342	1055012812770	59A	X			X			
	DF GUNS, COMPUTER											
	COMPUTER GUN	M18	E76866	1220004480131	3QA		X		X			
	DG GUNS, ANTI-AIRCRAFT											
	GUN ADA TOWED 20MM	M167A1	J96845	1005010140837	3JA	X	X		X			
	GUN ADA TOWED 20MM	M167A2	G96913	1005011779237	3JO	X	X		X			
E	EY MISCELLANEOUS SUPPORT EQUIPMENT											
	GEN SMOKE, MECH	M3A3	J30492	1040005873618	5CA				X			
	GEN SMOKE, MECH	M3A4	J30492	1040011439506	5CB				X			
F	TANKS											
	FB TANKS, 105MM &120MM GUN											
	TANK COMBAT FT 105MM	M60AIR	V13101	2350001169765	ABA	X	X		X		X	X
	TANK COMBAT FT 105MM	M60A3	V13101	2350001486548	ABB	X	X		X		X	X
	TANK COMBAT FT 105MM	M48A1	V12964	2350003018456	***	X	X		X			X
	TANK COMBAT FT 105MM	M48A5	V13101	2350005825595	ABC	X	X		X		X	X
	TANK COMBAT FT 105MM	M60	V13101	2350006785773	ABD	X	X		X		X	X
	TANK COMBAT FT 105MM	M60A1	V13101	2350007568497	ABE	X	X		X		X	X
	TANK COMBAT FT 105MM	M60A1A0S	V13101	2350010589487	ABH	X	X		X		X	X
	TANK COMBAT FT 105MM	M60A1RP	V13101	2350010591503	ABJ	X	X		X		X	X
	TANK COMBAT FT 105MM	M48A5	V13101	2350010591504	ABK	X	X		X		X	X
	TANK COMBAT FT 105MM	M60A3TTS	T13169	2360010612306	ABL	X	X		X		X	X
	TANK COMBAT FT 105MM	M1	T13374	2350010612445	AAA	X	X		X		X	X
	TANK COMBAT FT 120MM	M1A1	T13168	2350010871095	AAB	X	X		X		X	X
	TANK COMBAT FT 105MM	M1 IPM1	T13374	2350011368738	AAC	X	X		X		X	X
	TANK COMBAT FT 120MM	M1A2	Z77258	2350013285964	***	X	X		X		X	X
	FC TANKS 152MM											

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
G	TANK COMBAT FT 152MM	M60A2	V13270	2350009303590	ABG	X			X			
	COMBAT VEHICLES											
	GA HOWITZERS, SELF-PROPELLED											
	HOW SP FT 155MM	M109A2	K57667	2350010310586	3EZ	X	X		X		X	X
	HOW SP FT 155MM	M109A3	K57667	2350010318851	3E2	X	X		X		X	X
	HOW HVY SPT FT 8 INCH	M110A2	K56981	2350010414590	3E3	X	X		X		X	X
	HOW SP FT 155MM	M109A4	K57667	2350012775770	3E8	X	X		X		X	X
	HOW SP FT 155MM	M109A5	K57667	2350012811719	3E7	X	X		X		X	X
	GB MORTARS, SELF-PROPELLED											
	CARRIER FT 107MM	M125A1	D10726	2350000710732	AEE	X	X		X		X	X
	CARRIER SP 107MM	M106A1	D10741	2350000769002	AEF	X	X		X		X	X
	CARRIER FT 81MM	M125A2	D10726	2350010684087	AEP	X	X		X		X	X
	CARRIER SP 107MM	M106A2	D10741	2350010696931	AER	X	X		X		X	X
	GC COMBAT VEHICLES, ANTI-TANK											
	IMPROVED TOWED VEH	M901	E56896	2350010451123	AEM	X			X		X	X
	IMPROVED TOWED VEH	M901A1	E56896	2350011035641	AEV	X			X		X	X
	GD GUNS, SELF-PROPELLED											
	GUN AAA SP 40MM	M42A1	J96820	2350000494791	3JD	X	X		X		X	X
	GUN ADA SP 20MM	M163A1	J96694	2350010172113	3JJ	X	X		X		X	X
	GUN AAA SP 40MM	M247	G96572	2350010891261	3JK	X			X		X	X
	GUN ADA SP 20MM	M163A2	G44859	2350011692833	3JL	X	X		X		X	X
	GF RECOVERY VEHICLES											
	REC VEH FT MED	M88A1	R50681	2350001226826	AQA	X			X		X	X
	REC VEH FT LT ARMD	M578	R50544	2350004396242	3LA	X			X		X	X
	GG COMBAT ENGINEER VEHICLES											
	COMBAT ENGR VEH	M728	E56578	2350007951797	ABF	X	X		X		X	X
	GJ TRACTORS											
	TRCTR FT HIGH SPEED	M9 (ACE)	W76473	2350008087100	ASA	X			X		X	X
	GK LAUNCHERS, BRIDGE											
	LAUNCHER	M48A2	L43390	5420005423052	ARB	X	X		X		X	X
	LNCH AVLB, 60FT BRID	M60	L43664	5420008892020	ARC	X	X		X		X	X
	LAUNCHER BRID	M48A2	NO-LIN	5420010300906	***	X	X		X		X	X
	LNCH AVLB, 60FT BRID	M48A5	L43664	5420010766096	ARE	X	X		X		X	X
	GL CARRIERS, PERSONNEL											
	CARRIER PERSONNEL	M113A1	D12087	2350009686321	AEL	X			X		X	X
	INFANTRY FIGHTING VEH	M2	J81750	2350010485920	APA	X	X		X		X	X
	CAVALRY FIGHTING VEH	M3	C76335	2350010492695	APB	X	X		X		X	X
	CARRIER PERSONNEL	M113A2	D12087	2350010684077	AEN	X			X		X	X
	CARRIER PERSONNEL	M981	C12155	2350010853792	AET	X			X		X	X
	INFANTRY FIGHTING VEH	M2A1	F40307	2350011791027	ALE	X	X		X		X	X
	CAVALRY FIGHTING VEH	M3A1	F60462	2350011791028	ALF	X	X		X		X	X
	INFANTRY FIGHTING VEH	M2 PIP	NO-LIN	2350012003037	***	X			X		X	X
	CAVALRY FIGHTING VEH	M3 PIP	NO-LIN	2350012003038	***	X	X		X		X	X
	CARRIER PERSONNEL	M113A3	C18234	2350012197577	AEY	X			X		X	X
	INFANTRY FIGHTING VEH	M2A2	F40375	2350012487619	ALG	X	X		X		X	X
	CAVALRY FIGHTING VEH	M3A2	F60530	2350012487620	ALH	X	X		X		X	X
	GM ARMORED RECON AIRBORNE ASSAULT											
	ARAAV FT 152MM	M551A1	A93125	2350001405151	ALB	X	X		X		X	X
	ARAAV FT 152MM	M551	A93125	2350008735408	ALC	X	X		X		X	X
	ARAAV NTC/OPFOR	M551	A39789	2350011151579	ALD	X	X		X		X	X
	TRNG											
	GN AMPHIBIOUS CARGO CARRIERS											

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	CARRIER CGO AMPH GQ CARRIERS, COMMAND POST	M116	D10990	2350004112057	AEC	X	X		X			
	CARRIER COMMAND POST	M577A1	D11538	2350000566808	AED	X			X		X	X
	CARRIER COMMAND POST	M577	D11538	2350008566624	***	X			X		X	X
	CARRIER COMMAND POST	M577A2	D11538	2350010684089	AEQ	X			X		X	X
	GR CARRIERS, CARGO, TRACKED											
	CARRIER CARGO	M548	D11049	2350000784545	AEG	X			X		X	X
	CARRIER CARGO	M993	NO-LIN	2350010915405	AE3	X			X		X	X
	CARRIER CARGO	M548A1	D11049	2350010969356	AEU	X			X		X	X
	CARRIER CARGO (MED)	M975	NO-LIN	2350011016785	3PA	X			X			
	CARRIER CARGO (AMMO)	M992	C10908	2350011104660	AEW	X			X		X	X
	CARRIER CARGO (SUSV)	M973	C11280	2350011329099	BXA	X			X		X	X
	CARRIER CARGO	M1015	C10858	2350011368744	AEX	X			X		X	X
	CARRIER CARGO (EW)	M1015A1	C10858	2350011368745	AEZ	X			X		X	X
	CARRIER CARGO (AMMO)	M1050	C10976	2350011631437	AE2	X			X		X	X
	CARRIER CARGO (SUSV)	M1067	Z13610	2350012816450	***	X			X		X	X
	CARRIER CARGO (SUSV)	M973E1	C11280	2350012816451	BXB	X			X		X	X
	CARR CMD/CTRL (SUSV)	M1065	Z16002	2350012818324	***	X			X		X	X
	CARRIER AMBL (SUSV)	M1066	Z04986	2350012836215	***	X			X		X	X
	GW CARRIERS, OTHER											
H	CARRIER, SMOKE GEN TACTICAL VEHICLES	M1059	C12815	2350012030188	AES	X			X		X	X
	HA TRUCKS 1/4 TON, AMBULANCE											
	TRUCK AMBULANCE 1/4 T	M718A1	X38639	2310001779256	BAC	X			X		X	X
	TRUCK AMBULANCE 1/4 T	M718	X38639	2310007826056	BAD	X			X		X	X
	TRUCK AMBULANCE 1/4 T	M170	X38639	2310008358686	BAL	X			X			
	HB TRUCKS, 1/4 TON, UTILITY											
	TRUCK UTILITY 1/4 T	M825	X61244	2320001779257	BAE	X			X		X	X
	TRUCK UTILITY 1/4 T	M151A2	X60833	2320001779258	BAF	X			X		X	X
	TRUCK UTILITY 1/4 T	M151	X60833	2320005424783	BAG	X			X		X	X
	TRUCK UTILITY 1/4 T	M151A1C	X61244	2320007631091	BAH	X			X		X	X
	TRUCK UTILITY 1/4 T	M151A1	X60833	2320007631092	BAJ	X			X		X	X
	TRUCK UTILITY 1/4 T	M151A2(ROPS)	X60833	2320012644819	BAS	X			X		X	X
	HC TRUCKS, 1/2 TON											
	TRK PLTFM UTIL 1/2T	M274A1	X55627	2320000646373	BGD	X			X			
	TRK PLTFM UTIL 1/2T	M274A2	X55627	2320000741167	BGE	X			X			
	TRK PLTFM UTIL 1/2T	M274A3	X55627	2320007825792	BGF	X			X			
	TRK PLTFM UTIL 1/2T	M274A4	X55627	2320007825793	BGG	X			X			
	TRK PLTFM UTIL 1/2T	M274A5	X55627	2320009301976	BGJ	X			X			
	HD TRUCKS, 3/4 TON, CARGO											
	TRUCK CARGO 3/4T	M37B1	X39872	2320005424632	BCG	X			X			
	TRUCK CARGO 3/4T	M37B1	X39735	2320005424636	BCA	X			X			
	TRUCK CARGO 3/4T	M37	X39735	2320008358322	BCJ	X			X			
	TRUCK CARGO 3/4T	M37	X39872	2320008358323	BCK	X			X			
	HE TRUCKS, 3/4 TON, OTHER											
	TRUCK AMBULANCE 3/4T	M43B1	X38776	2310005424634	FFJ	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRUCK AMBULANCE 3/4T	M43	X38776	2310008358516	FFK	X			X			
	TRUCK MAINT TELE 3/4T	M201 V41/GT	X53709	2320003923703	BCF	X			X			
	TRUCK UTILITY 3/4T	M1009	T05028	2320011232665	BEB	X			X	X		X
	HF TRUCKS, 1 1/4 TON											
	TRUCK AMBL 1 1/4T	M893	X38562	2310001255679	BDA	X			X	X		X
	TRUCK AMBL 1 1/4T	M886	X38592	2310005799078	BDB	X			X	X		X
	TRUCK AMBL 1 1/4T	M792	X38961	2310008329907	BFA	X			X		X	X
	TRUCK AMBL 1 1/4T	M725	X38951	2310009216369	BFE	X			X			
	TRUCK AMBL 1 1/4T	M997	T38844	2310011112274	BBA	X			X	X		X
	TRUCK AMBL 1 1/4T	M996	T38707	2310011112275	BBB	X			X	X		X
	TRUCK AMBL 1 1/4T	M1010	T38660	2310011232666	BEA	X			X	X		X
	TRUCK CARGO 1 1/4T	M880	X39432	2320005798942	BDC	X			X	X		X
	TRUCK CARGO 1 1/4T	M881	X39444	2320005798943	BBD	X			X	X		X
	TRUCK CARGO 1 1/4T	M882	X39447	2320005798957	BDE	X			X	X		X
	TRUCK CARGO 1 1/4T	M883	X39450	2320005798959	BDF	X			X	X		X
	TRUCK CARGO 1 1/4T	M884	X39453	2320005798985	BDG	X			X	X		X
	TRUCK CARGO 1 1/4T	M885	X39441	2320005798989	BDH	X			X	X		X
	TRUCK CARGO 1 1/4T	M890	X39429	2320005798991	BDJ	X			X	X		X
	TRUCK CARGO 1 1/4T	M891	X39438	2320005799046	BDK	X			X	X		X
	TRUCK CARGO 1 1/4T	M892	X39435	2320005799052	BDL	X			X	X		X
	TRUCK CARGO 1 1/4T	M561	X39940	2320008735407	BFB	X			X		X	X
	TRUCK CARGO 1 1/4T	M715	X39883	2320009216365	BFD	X			X			
	TRUCK CARGO 1 1/4T	M715	X39906	2320009216366	BFF	X			X			
	TRUCK MAINT 1 1/4T	M726	X53775	2320009216833	BFG	X			X			
	TRK MAINT TEL 1 1/4T	M888	T53498	2320010440333	BDM	X			X	X		X
	TRUCK UTILITY 1 1/4T	M966	T05096	2320011077153	BBC	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1036	NO-LIN	2320011077154	BBH	X			X	X		X
	TRUCK UTILITY 1 1/4T	M998	T61494	2320011077155	BBD	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1038	T61562	2320011077156	BBE	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1008A1	T59346	2320011232671	BEC	X			X	X		X
	TRUCK CARGO 1 1/4T	M1008WVE	T59482	2320011236827	BED	X			X	X		X
	TRUCK CARGO 1 1/4T	M1028	T59414	2320011275077	BEE	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1025	T92242	2320011289551	BBF	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1026	T92310	2320011289552	BBG	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1042	Z94116	2320011467187	***	X			X	X		X
	TRUCK UTILITY 1 1/4T	XM1055	Z94111	2320011467192	***	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1037	T07543	2320011467193	BBK	X			X	X		X
	TRUCK UTILITY 1 1/4T	XM1054	Z94113	2320011481638	***	X			X	X		X
	TRUCK UTILITY 1 1/4T	XM1056	Z94115	2320011481639	***	X			X	X		X
	TRUCK UTILITY 1 1/4T	XM1053	Z94362	2320011501035	***	X			X	X		X
	TRUCK CARGO 1 1/4T	M1028A1	T59550	2320011580820	BEF	X			X	X		X
	TRUCK UTILITY 1 1/4T	M1069	T07611	2320012340497	BBJ	X			X	X		X
	TRUCK CARGO 1 1/4T	M561	NO-LIN	2320012758708	***	X			X		X	X
	TRUCK CARGO 1 1/4T	NONE	NO-LIN	2320012950822	***	X			X	X		X
	TRUCK UTILITY 1 1/4T	XM1097	T07679	2320013469317	BBM	X			X	X		X
	HG TRUCKS, 2 1/2 TON, CARGO											
	TRUCK CARGO 2 1/2T	M35A2	X40009	2320000771616	BMA	X			X		X	X
	TRUCK CARGO 2 1/2T	M35A2	X40146	2320000771617	BMB	X			X		X	X
	TRUCK CARGO 2 1/2T	M36A2	X40283	2320000771618	BMC	X			X		X	X
	TRUCK CARGO 2 1/2T	M36A2	X40420	2320000771619	BMD	X			X		X	X
	TRUCK CARGO 2 1/2T	M35A1	X40009	2320005425633	BM5	X			X		X	X
	TRUCK CARGO 2 1/2T	M35A1 W/W	X40146	2320005425634	BM6	X			X		X	X

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRUCK CARGO 2 1/2T	M35	X40009	2320008358463	BLA	X			X			X
	TRUCK CARGO 2 1/2T	M35 W/W	X40146	2320008358464	BLB	X			X	X		X
	TRUCK CARGO 2 1/2T	M35A2C	X40077	2320009260873	BMR	X			X		X	X
	TRUCK CARGO 2 1/2T	M35A2C	X40214	2320009260875	BMS	X			X		X	X
	TRUCK CARGO 2 1/2T	M956	NO-LIN	2320010766190	***	X			X			X
	TRUCK CARGO 2 1/2T	M1078	Z40430	2320013543385	BHD	X			X		X	X
	TRUCK CARGO 2 1/2T	M1083	Z40439	2320013543386	BR2	X			X		X	X
	TRK CGO, W/MHE 2 1/2T	M1084	Z93626	2320013543387	BR3	X			X		X	X
	TRUCK CGO, LWB 2 1/2T	M1085	Z40337	2320013544530	BR7	X			X		X	X
	TRK CGO, LAPES 2 1/2T	M1093	Z60815	2320013553063	BR9	X			X		X	X
	TRK-CGO, LAPES 2 1/2T	M1081	Z40566	2320013553064	BHF	X			X		X	X
	HH TRUCKS, 2 1/2 TON, OTHER											
	TRUCK TANK FS	M49A2C	X57271	2320000771631	BME	X			X		X	X
	TRUCK TANK FS	M49A2C	X57408	2320000771632	BMF	X			X		X	X
	TRUCK TANK WATER	M50A2	X58367	2320000771633	BMG	X			X		X	X
	TRUCK VAN SHOP	M109A3	X62340	2320000771636	BMJ	X			X		X	X
	TRUCK VAN SHOP	M1 09A3 W/W	X62477	2320000771637	BMK	X			X		X	X
	TRUCK TRACTOR	M275A2	X59052	2320000771640	BML	X			X		X	X
	TRUCK TRACTOR	M275A2 W/W	X59189	2320000771641	BHB	X			X		X	X
	TRUCK DUMP	M342A2	X43297	2320000771643	BMN	X			X		X	X
	TRUCK DUMP	M342A2 W/W	X43434	2320000771644	BMP	X			X		X	X
	TRUCK TANK FS	M49C	X57271	2320001418235	BLD	X			X	X		X
	TRUCK VAN EXP	M292	X61929	2320003256574	***	X			X	X		X
	TRUCK TANK FUEL	M49A1C	X57408	2320004403346	BMM	X			X		X	X
	TRUCK TANK WATER	M50A1	X58367	2320004408307	BMZ	X			X		X	X
	TRUCK VAN SHOP	M109A2W/W	X62477	2320004408308	BM2	X			X		X	X
	TRUCK VAN SHOP	M109A2	X62340	2320004408313	BM3	X			X		X	X
	TRUCK VAN EXP	M292A1	X61929	2320004408318	BGM	X			X		X	X
	TRUCK TRACTOR	M275A1	X59052	2320004462479	BM4	X			X		X	X
	TRUCK MAINT TELE	V17AMTQ	X53846	2320004988377	BLM	X			X	X		X
	TRUCK VAN SHOP	M109A1	X62340	2320006908365	BLR	X			X	X		X
	TRUCK VAN EXP	M292A5	X62203	2320006993746	BGN	X			X		X	X
	TRUCK TANK WATER	M50	X58367	2320008358344	BLW	X			X	X		X
	TRUCK VAN SHOP	M109	X62340	2320008358515	BL3	X			X	X		X
	TRUCK VAN SHOP	M220	X62340	2320008358600	BL5	X			X	X		X
	TRUCK PIPELINE CON- STR	M756A2	X55216	2320009043277	BMQ	X			X		X	X
	TRUCK TANK WATER	M50A3	X58367	2320009374036	BMT	X			X		X	X
	TRK MAINT EARTH BORER	M764	X58983	2320009375980	BMV	X			X		X	X
	TRUCK TANK	M960	NO-LIN	2320010757872	***	X			X			X
	TRUCK DUMP	M958	NO-LIN	2320010766185	***	X			X			X
	TRUCK VAN	M1079	Z94492	2320013543384	BHE	X			X		X	X
	TRUCK WRECKER	M1089	Z94433	2320013544528	BR4	X			X		X	X
	TRUCK DUMB	M1094	Z40503	2320013553062	BTK	X			X		X	X
	TRUCK DUMB	M1090	Z93669	2320013544529	BR5	X			X		X	X
	TRUCK DUMB	M1086	Z63558	2320013544531	BR8	X			X		X	X
	TRUCK TRACTOR	M1088	Z85341	2320013554332	BTJ	X			X		X	X
	HI TRUCKS, 5-TON, CARGO											
	TRUCK CARGO 5-TON	M813 W/W	X40968	2320000508890	BSA	X			X		X	X
	TRUCK CARGO 5-TON	M813	X40831	2320000508902	BSB	X			X		X	X

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRUCK CARGO D/S 5-TON	M813A1 W/W	X40931	2320000508905	BSC	X			X		X	X
	TRUCK CARGO D/S 5-TON	M813A1	X40794	2320000508913	BSD	X			X		X	X
	TRUCK CARGO 5-TON	M814 W/W	X41242	2320000508987	BSJ	X			X		X	X
	TRUCK CARGO 5-TON	M814	X41105	2320000508988	BSK	X			X		X	X
	TRUCK CARGO 5-TON	M55A2 W/W	X41242	2320000559259	BQB	X			X		X	X
	TRUCK CARGO 5-TON	M54A2 W/W	X40968	2320000559265	BQG	X			X		X	X
	TRUCK CARGO 5-TON	M54A2	X40831	2320000559266	BQH	X			X		X	X
	TRUCK CARGO 5-TON	M54A1	X40831	2320000867481	BRE	X			X		X	X
	TRUCK CARGO 5-TON	M54A1 W/W	X40968	2320000867482	BRF	X			X		X	X
	TRUCK CARGO 5-TON	M55 W/W	X41242	2320003910570	BPC	X			X	X		X
	TRUCK CARGO D/S 5-TON	M54A2C	X40794	2320007612854	BQL	X			X		X	X
	TRUCK CARGO 5-TON	M54 W/W	X40968	2320008358335	BPH	X			X	X		X
	TRUCK CARGO 5-TON	M54	X40831	2320008358348	BPM	X			X	X		X
	TRUCK CARGO D/S 5-TON	M54A1C W/W	X40931	2320008804612	BRH	X			X		X	X
	TRUCK CARGO D/S 5-TON	M54A1C	X40794	2320008804614	BRJ	X			X		X	X
	TRUCK CARGO 5-TON	NONE	NO-LIN	2320008892171	***	X			X	X		X
	TRUCK CARGO 5-TON	M656	X41310	2320009030883	BQN	X			X	X		X
	TRUCK CARGO 5-TON	M54A2C	X40931	2320009260874	BQS	X			X		X	X
	TRUCK CARGO 5-TON	M656 W/W	X41327	2320009998418	BQQ	X			X		X	X
	TRUCK CARGO D/S 5-TON	M925	X40931	2320010478769	BRT	X			X		X	X
	TRUCK CARGO 5-TON	M928	X41242	2320010478770	BRU	X			X		X	X
	TRUCK CARGO 5-TON	M927	X41105	2320010478771	BRV	X			X		X	X
	TRUCK CARGO 5-TON	M926	X40968	2320010478772	BRW	X			X		X	X
	TRUCK CARGO 5-TON	M924	X40831	2320010478773	BRX	X			X		X	X
	TRUCK CARGO D/S 5-TON	M923	X40794	2320010502084	BRY	X			X		X	X
	TRUCK CARGO D/S 5-TON	M924A1 W/E	X40831	2320012052692	***	X			X		X	X
	TRUCK CARGO D/S 5-TON	M926A1 W/W	X40968	2320012052693	***	X			X		X	X
	TRUCK CARGO D/S 5-TON	M923A1	X40794	2320012064087	BSS	X			X		X	X
	TRUCK CARGO D/S 5-TON	M925A1	X40931	2320012064088	BST	X			X		X	X
	TRUCK CARGO 5-TON	M927A1	X41105	2320012064089	BSW	X			X		X	X
	TRUCK CARGO 5-TON	M928A1	X41242	2320012064090	BSX	X			X		X	X
	TRUCK CARGO D/S 5-TON	M923A2	X40794	2320012300307	BS7	X			X		X	X
	TRUCK CARGO D/S 5-TON	M925A2	X40931	2320012300308	BS8	X			X		X	X
	TRUCK CARGO 5-TON	M927A2	X41105	2320012300309	BS9	X			X		X	X
	TRUCK CARGO 5-TON	M928A2	X41242	2320012300310	BTM	X			X		X	X
	HJ TRUCKS 5 TON, OTHER											
	TRK DUMP 5-TON	M51A1	X43708	2320000457131	BRA	X			X		X	X
	TRK DUMP 5-TON	M51A1 W/W	X43845	2320000457132	BRB	X			X		X	X
	TRUCK BOLSTER 5-TON	M815	X39187	2320000508927	BSE	X			X		X	X

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK DUMP 5-TON	M817	X43708	2320000508970	BSF	X			X		X	X
	TRK TRACTOR,5-TON	M818 W/W	X59463	2320000508978	BSG	X			X		X	X
	TRK TRACTOR 5-TON	M818	X59326	2320000508984	BSH	X			X		X	X
	TRK TRACTOR WKR 5-TON	M819W/W	X60696	2320000509004	BSL	X			X		X	X
	TRK VAN EXP 5-TON	M820	X62237	2320000509006	BSM	X			X		X	X
	TRK VAN EXP 5-TON	M820A1	X62237	2320000509007	***	X			X		X	X
	TRK VAN EXP 5-TON	M820A2	X62271	2320000509010	BSN	X			X		X	X
	TRK STAKE 5-TON	M821	X56586	2320000509015	BSP	X			X		X	X
	TRK WRECKER 5-TON	M816 W/W	X63299	2320000510489	BSQ	X			X		X	X
	TRK DUMP 5-TON	M817	X43845	2320000510589	BSR	X			X		X	X
	TRK WRECKER 5-TON	M543A2 W/W	X63299	2320000559258	BQA	X			X		X	X
	TRK TRACTOR 5-TON	M52A2	X59326	2320000559260	BQC	X			X		X	X
	TRK TRACTOR 5-TON	M52A2 W/W	X59463	2320000559261	BQD	X			X		X	X
	TRK DUMP 5-TON	M51A2	X43708	2320000559262	BQE	X			X		X	X
	TRK DUMP 5-TON	M51A2 W/W	X43845	2320000559263	BQF	X			X		X	X
	TRK TRACTOR WKR 5-TON	M246A2 W/W	X60696	2320000738251	BQJ	X			X		X	X
	TRK TRACTOR 5-TON	M52A1	X59326	2320000867479	BRC	X			X		X	X
	TRK TRACTOR 5-TON	M52A1 W/W	X59463	2320000867480	BRD	X			X		X	X
	TRK STK BRIDGE	NONE	X56586	2320002001682	BPA	X			X	X		X
	TRSPTR											
	TRK WRECKER 5-TON	M543 W/W	X63299	2320004450866	BPD	X			X	X		X
	TRK TRACTOR WKR 5-TON	M246A1 W/W	X60696	2320006959375	BRG	X			X		X	X
	TRK WRECKER 5-TON	M62 W/W	X63299	2320008358325	BPE	X			X	X		X
	TRK TRACTOR 5-TON	M52	X59326	2320008358326	BPF	X			X	X		X
	TRK TRACTOR 5-TON	M52 W/W	X59463	2320008358329	BPG	X			X	X		X
	TRK DUMP 5-TON	M51	X43708	2320008358336	BPJ	X			X	X		X
	TRK DUMP 5-TON	M51 W/W	X43845	2320008358337	BPK	X			X	X		X
	TRK TRACTOR WKR 5-TON	M246	X60696	2320008358639	BPP	X			X	X		X
	TRK WRECKER 5-TON	M543A1 W/W	X63299	2320008804618	BRL	X			X		X	X
	TRK VAN EXP 5-TON	M291A1	X62237	2320008804642	BRP	X			X		X	X
	TRK VAN EXP 5-TON	M291A1D	X62271	2320008804647	BRQ	X			X			
	TRK VAN EXP 5-TON	M291A2C	NO-LIN	2320009070707	***	X				X		
	TRK WRECKER 5-TON	NONE	NO-LIN	2320009260984	***	X			X			
	TRK TRACTOR 5-TON	M757 W/W	X59505	2320009371846	BQP	X			X	X		X
	TRK TRACTOR 5-TON	M878	T60353	2320010448376	BTA	X			X	X		X
	TRK VAN EXP 5-TON	M934	X62237	2320010478750	BTB	X			X		X	X
	TRK VAN EXP 5-TON	M935	X62271	2320010478751	BTC	X			X		X	X
	TRK TRACTOR 5-TON	M932 W/W	X59463	2320010478752	BTD	X			X		X	X
	TRK TRACTOR 5-TON	M931	X59326	2320010478753	BTE	X			X		X	X
	TRK WRECKER 5-TON	M936 W/W	X63299	2320010478754	BTG	X			X		X	X
	TRK DUMP 5-TON	M930	X43845	2320010478755	BTX	X			X		X	X
	TRK DUMP 5-TON	M929	X43708	2320010478756	BTH	X			X		X	X
	TRK TRACTOR 5-TON	M878A1	T60353	2320011212102	BTL	X			X		X	X
	TRK VAN EXP 5-TON	M934A1	X62237	2320012052682	BS4	X			X		X	X
	TRK VAN EXP 5-TON	M935A1	X62271	2320012052683	BS5	X			X		X	X
	TRK TRACTOR 5-TON	M932A1 W/W	X59463	2320012052684	BS3	X			X		X	X
	TRK TRACTOR 5-TON	M931A1	X59326	2320012064077	BS2	X			X		X	X
	TRK WRECKER 5-TON	M936A1	X63299	2320012064078	BS6	X			X		X	X

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK WRECKER 5-TON	M929A1 WO/W	X43708	2320012064079	BSY	X			X		X	X
	TRK DUMP 5-TON	M930A1 W/W	X43845	2320012064080	BSZ	X			X		X	X
	TRK VAN EXP 5-TON	M935A2	X62271	2320012300301	BTS	X			X		X	X
	TRK TRACTOR 5-TON	M931A2 WO/W	X59326	2320012300302	BTP	X			X		X	X
	TRK TRACTOR 5-TON	M932A2 W/W	X59463	2320012300303	BTQ	X			X		X	X
	TRK WRECKER 5-TON	M936A2	X63299	2320012300304	BTT	X			X		X	X
	TRK DUMP 5-TON	M929A2 WO/W	X43708	2320012300305	BTN	X			X		X	X
	TRK DUMP 5-TON	M930A2 W/W	X43845	2320012300306	BTO	X			X		X	X
	HK TRUCKS, 8 TON											
	TRUCK CARGO 8-TON	M520	X41615	2320001911310	B3A	X			X		X	X
	TRUCK CARGO 8-TON	M520 W/W	X41653	2320008735422	B3D	X			X		X	X
	TRUCK CARGO 8-TON	M877 W/W	X41635	2320010104956	B3F	X X			X		X	X
	TRUCK CARGO 8-TON	M877	X41633	2320010104957	B3G	X			X		X	X
	HL TRUCKS, 10-TON											
	TRUCK CARGO 10-TON	M125	X41790	2320002197340	***	X			X	X		X
	TRUCK TRACTOR	M123A1CW/WN	X59874	2320002266081	BZC	X			X		X	X
	10-TON											
	TRUCK TRACTOR	M123C W/W	X59874	2320002949552	BZA	X			X	X		X
	10-TON											
	TRUCK TANK FS 10-TON	M559	X58078	2320004457250	B3B	X			X		X	X
	TRUCK TANK FS 10-TON	M559 W/W	X58093	2320009735420	B3C	X			X		X	X
	TRUCK WRECKER	M553	X63436	2320008735426	B3E	X			X		X	X
	10-TON											
	TRUCK TRACTOR	M123E2 W/W	X59874	2320008796177	BZD	X			X		X	X
	10-TON											
	TRUCK CARGO 10-TON	NONE	NO-LIN	2320008925377	***	X			X			
	TRUCK TRACTOR	NONE	NO-LIN	2320010769351	***	X			X		X	X
	10-TON											
	TRUCK TRACTOR	M983 W/W	T88677	2320010970247	B2A	X			X		X	X
	10-TON											
	TRUCK WRECKER	M984 W/W	T63093	2320010970248	B2B	X			X		X	X
	10-TON											
	TRUCK TANK FS 10-TON	M978 W/W	T58161	2320010970249	B2C	X			X		X	X
	TRUCK CARGO 10-TON	M977 W/W	T39518	2320010970260	B2D	X			X		X	X
	TRUCK CARGO 10-TON	M985 W/W	T39654	2320010970261	B2E	X			X		X	X
	TRUCK TRACTOR	M983 W/W	T59117	2320010996421	B2F	X			X		X	X
	10-TON											
	TRUCK CARGO 10-TON	M977	T59278	2320010996426	B2G	X			X		X	X
	TRUCK TANK FS 10-TON	M978	T87243	2320011007672	B2H	X			X		X	X
	TRUCK CARGO 10-TON	M985	T39586	2320011607673	B2J	X			X		X	X
	TRUCK CARGO 10-TON	M985E1	T41721	23260011947032	B2K	X			X		X	X
	TRUCK WRECKER	M984A1 W/W	T63093	2320011957641	B2L	X			X		X	X
	10-TON											
	TRUCK WRECKER	M1001	T88745	2320121915422	BZE	X			X		X	X
	10-TON											
	TRUCK WRECKER	M1002	T94641	2320121915423	BZF	X			X		X	X
	10-TON											
	TRUCK TRACTOR	M1013	NO-LIN	2320121915424	***	X			X	X		X
	10-TON											
	TRUCK WRECKER	M1014	NO-LIN	2320121915425	***	X			X	X		X
	10-TON											

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	HM TRUCKS, 12 TO 25 TONS											
	TRK MAINT TELE	M876	T53858	2320000000114	BHA	X			X		X	X
	TRK TRACTOR HET	M746	X60967	2320000897264	B5A	X			X		X	X
	TRK TRACTOR HET	M911	T61035	2320010253733	B5B	X			X		X	X
	TRK TRACTOR LINE HAUL	M915	T61103	2320010284395	B4A	X			X		X	X
	TRK TRACTOR LET	M916	T91656	2320010284396	B4C	X			X		X	X
	TRK TRACTOR MET	M920	T61171	2320010284397	B4D	X			X		X	X
	TRK TRACTOR LINE HAUL	M915A1	T61103	2320011252640	B4B	X			X		X	X
	TRK TRACTOR	XM916A1	T91656	2320012725028	B4F	X			X		X	X
	TRK TRACTOR	M915A2	T61103	2320012725029	B4E	X			X		X	X
	TRK CGO HVY PLS W/ MHE	M1074	T41067	2320013042277	B4G	X			X			X
	TRK CARGO HVY PLS	M1075	T40999	2320013042278	B4H	X			X			X
	TRK TRACTOR HET SYS	M1070	NO-LIN	2320013189902	B5C	X			X	X		X
	HQ ARMORED CARS											
	CAR ARMD LT 4x4 W/E HS SEMI-TRAILERS	M706	D06124	2320001682620	ALJ	X			X			
	STLR VAN	M373A2C	NO-LIN	2320006727496	***	X			X			
	STLR STAKE (12T)	M127A1	S72024	2330000487743	CVA	X			X			
	STLR LOW BED	XM674	NO-LIN	2330000668872	***	X			X			
	STLR LB (HET-60T)	M747	S70661	2330000897265	CFA	X			X			
	STLR LB (22 1/2T)	M871	S70027	2330001226779	CVB	X			X			
	STLR LB (40T)	M870	S70594	2330001331731	CFB	X			X			
	STLR LOW BED	V-398/MSA	S70877	2330001573135	L5Z	X			X			
	STLR LB (HET-55T)	M524E2	S70654	2330002265770	CXS	X			X			
	STLR TANK FUEL (12T)	M131A5	S72846	2330002266079	CVL	X			X			
	STLR TANK FUEL (12T)	M131A5C	S72983	2330002266080	CVM	X			X			
	STLR REFRIG (7 1/2T)	QST-120	S71613	2330002558065	VRQ	X			X			
	STLR REFRIG (7 1/2T)	M349A1	S71613	2330002896798	VRS	X			X			
	STLR LB WRECKER (12T)	M270A1	S70243	2330002897515	CVG	X			X			
	STLR LOW BED (25T)	M172A1	S70517	2330003176448	CFD	X			X			
	STLR LB WRECKER (12T)	M270	S70243	2330003951877	CVJ	X			X			
	STLR VAN	M447	NO-LIN	2330004279999	CHY	X			X			
	STLR TANK TRANS (50T)	M15A2	S73394	2330005082533	CXR	X			X			
	STLR TANK FUEL (12T)	M131A3C	S72846	2330005333380	CVN	X			X			
	STLR LB WRECKER (12T)	M269	S70106	2330005422980	CVK	X			X			
	STLR VAN	M447	NO-LIN	2330005425709	CHZ	X			X			
	STLR REFRIG (7 1/2T)	M349A1	S71613	2330005548676	VRU	X			X			
	STLR VAN SHOP (6T)	M146	S75038	2330005699372	CHJ	X			X			
	STLR STAKE (6T)	M118A1	S71887	2330005726221	CHB	X			X			
	STLR TANK FUEL (12T)	M131A2	S72846	2330005747964	CVP	X			X			
	STLR VAN STORAGE (6T)	M749	S74832	2330005872454	CRA	X			X			
	STLR MAINT MACH (12T)	NONE	S71339	2330006500203	CV7	X			X			
	STLR VAN ELECT (3-6T)	M348A2	S74216	2330006783838	CHF	X			X			
	STLR VAN CARGO (6T)	M119A1	S73531	2330006795582	CHG	X			X			
	STLR VAN	M348A2C	NO-LIN	2330006907724	***	X			X			
	STLR VAN	M348A2D	NO-LIN	2330006907725	***	X			X			
	STLR VAN	M348A2F	NO-LIN	2330006907726	***	X			X			
	STLR VAN ELECT (3-6T)	M373A2	S74353	2330007058932	CHH	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	STLR LOW BED (25T)	M172	S70517	2330007359326	CV9	X			X			
	STLR VAN	M348A2K	NO-LIN	2330007402322	***	X			X			
	STLR VAN	M348A2N	NO-LIN	2330007402329	***	X			X			
	STLR STAKE (12T)	M127A1C	S72024	2330007529750	CVD	X			X			
	STLR VAN CARGO (12T)	M128A1C	S74079	2330007529751	CV6	X			X			
	STLR VAN SUPPLY (12T)	M129A1C	S75175	2330007529752	CWA	X			X			
	STLR VAN EXP (6T)	M313	S74490	2330007725273	CHW	X			X			
	STLR VAN	NONE	NO-LIN	2330007817755	***	X			X			
	STLR VAN SUPPLY (12T)	M129A2C	S75175	2330007886289	CV2	X			X			
	STLR VAN CARGO (12T)	M128A2C	S74079	2330007886296	CV3	X			X			
	STLR STAKE (12T)	M127A1C	S72024	2330007886299	CVE	X			X			
	STLR VAN REFRIG	M349A3	NO-LIN	2330007887263	***	X			X			
	STLR VAN	M348A2G	NO-LIN	2330007977405	***	X			X			
	STLR STAKE (12T)	M127	S72024	2330007979207	CVF	X			X			
	STLR VAN	NONE	NO-LIN	2330008298619	***	X			X			
	STLR VAN CARGO (6T)	M119	S73531	2330008358122	CHN	X			X			
	STLR STAKE	NONE	NO-LIN	2330008358123	***	X			X			
	STLR REFRIG (7 1/2T)	M349A3	S71613	2330008925057	VRV	X			X			
	STLR REFRIG	M349A4	NO-LIN	2330009260900	***	X			X			
	STLR VAN STORAGE (6T)	M750	S74832	2330009267035	CHX			X				
	STLR SWITCHBOARD	XM739	NO-LIN	2330009300024	***	X			X			
	STLR VAN	M348A2H	NO-LIN	2330009731262	***	X			X			
	STLR REFRIG (7 1/2T)	M349A1	S71613	2330009732230	VRY	X			X			
	STLR TANK FUEL (12T)	M131A4C	S72983	2330009949458	CVR	X			X			
	STLR TANK FUEL (12T)	M131A4	S72846	2330009949459	CVS	X			X			
	STLR REFRIG (7 1/2T)	4A943-60	S71613	2330009993591	VRZ	X			X			
	STLR TELE	XM738	NO-LIN	2330009993893	***	X			X			
	STLR VAN	XM913	NO-LIN	2330010104954	***	X			X			
	STLR VAN	XM912	NO-LIN	2330010137764	***	X			X			
	STLR FLAT BED (34T)	M872	S70159	2330010398095	CFE	X			X			
	STLR TANK FUEL	M967	S10059	2330010505632	CVT	X			X			
	STLR TANK FUEL	M969	S73372	2330010505634	CVU	X			X			
	STLR TANK FUEL	M970	S10127	2330010505635	CVV	X			X			
	STLR	XM971	NO-LIN	2330010508810	C4Y	X			X			
	STLR	M860	NO-LIN	2330010549771	***	X			X			
	STLR	M976	NO-LIN	2330010876340	MND	X			X			
	STLR FLAT BED (34T)	M872A1	S70159	2330011098006	CFF	X			X			
	STLR TANK FLAM CHEM	NONE	S72256	2330011126564	C4K	X			X			
	STLR LOW BED	M860A1	NO-LIN	2330011173280	***	X			X			
	STLR FLAT BED	NONE	S69977	2330011173306	***	X			X			
	STLR FLAT BED (34T)	M872A2	S70159	2330011195837	CFG	X			X			
	STLR VAN	XM971 E1	NO-LIN	2330011367663	C4Z	X			X			
	STLR FLAT BED (34T)	M872A3	S70159	2330011421385	CFH	X			X			
	STLR VAN	XM991E1	NO-LIN	2330011450363	C5H	X			X			
	STLR VAN	XM995E1	NO-LIN	2330011450364	C48	X			X			
	STLR TANK FUEL	M967A1	S10059	2330011550046	CVW	X			X			
	STLR TANK FUEL	M970A1	S10127	2330011550047	CVX			X				
	STLR TANK FUEL	M969A1	S73372	2330011550048	CVY	X			X			
	STLR TNK SLUDGE DISP	NONE	S73325	2330011589213	C4T	X			X			
	STLR VAN	XM971E2	NO-LIN	2330011635025	C42	X			X			
	STLR VAN SUPPLY (12T)	M129A3	S75175	2330011757379	CWB	X			X			
	STLR LOW BED	M870A1	S70594	2330012249245	CFC	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	STLR CARGO	M871A1	NO-LIN	2330012260701	CWY	X			X			
	STLR TANK PETROLEUM	M1062	S73119	2330012757475	C4V	X			X			
	STLR STAKE	M872A2	S70027	2330012943367	CVZ	X			X			
	STLR TANK WATER	M1000	Z65946	2330013038832	***	X			X			
	STLR TANKER WATER	XM1098	Z66072	2330013302779	C5G	X			X			
	STLR TRNR ARMD VEH	M1	T05375	6920011793134	3BN	X			X			
	STLR TRNR ARMD VEH	M2/M3	T05443	6920011793135	4WS	X			X			
	HT TRAILERS											
	TRLR ACFT MAINT	NONE	W93995	1730004357818	UAY	X			X			
	ARMBL											
	TRLR ACFT MAINT	NONE	W93995	1730010861653	UAC	X			X			
	ARMBL											
	TRLR BOLSTER GP (4T)	M796	W94536	2330000893866	CNC	X			X			
	TRLR FLAT BED	M795	NO-LIN	2330000894321	***	X			X			
	TRLR TNK WTR (1 1/2T)	M107A2	W98825	2330001418049	CEB	X			X			
	TRLR CARGO (1 1/2T)	M105A2	W95811	2330001418050	CEC	X			X			
	TRLR BOLSTER (3 1/2T)	M271A1	W94578	2330001418302	CND	X			X			
	TRLR FLAT BED (10T)	M345	W96907	2330002001737	CAJ	X			X			
	TRLR AMMO (1 1/2T)	M332	W94030	2330002001785	CEK	X			X			
	TRLR MAINT TELE (1/4T)	M367	W97729	2330002154211	CCK	X			X			
	TRLR CARGO	M105E2	NO-LIN	2330002197344	***	X			X			
	TRLR CARGO (1 1/2T)	M105	W95811	2330002779337	CED	X			X			
	TRLR FLAT BED (10T)	NONE	W96907	2330003770389	CAB	X			X			
	TRLR CBL REEL (3 1/2T)	M310V120-GT	W95263	2330003951878	CNE	X			X			
	TRLR LOW BED (8T)	MIL-T-62057	W97455	2330004070662	CKL	X			X			
	TRLR BOLSTER (3 1/2T)	M271 V13/GT	W94578	2330004077904	CNG	X			X			
	TRLR TNK WTR (1 1/2T)	M149	W98825	2330005422039	CEE	X			X			
	TRLR VAN	NONE	NO-LIN	2330005690781	***	X			X			
	TRLR	NONE	NO-LIN	2330006295913	***	X			X			
	TRLR BAS UTIL (2 1/2T)	NONE	W94441	2330006978102	CMC	X			X			
	TRLR CARGO (1/4T)	M416	W95400	2330007065495	CCB	X			X			
	TRLR CARGO (1/4T)	M-100	W95400	2330007328227	CCA	X			X			
	TRLR CARGO (3/4T)	M101	W95537	2330007389509	CDA	X			X			
	TRLR TANK WATER	M106	NO-LIN	2330007540508	***	X			X			
	TRLR LOW BED	M529	NO-LIN	2330007800801	***	X			X			
	TRLR LOW BED (8T)	KS-8FW	W97455	2330007826053	CKM	X			X			
	TRLR MAINT TELE (1/4T)	M716	W97729	2330007826062	CCC	X			X			
	TRLR TNK WTR (1 1/2T)	M149A1	W98825	2330008328801	CEF	X			X			
	TRLR BOLSTER (3 1/2T)	M271 V13/GT	W94678	2330008342167	CNH	X			X			
	TRLR CARGO	M7	NO-LIN	2330008358166	***	X			X			
	TRLR TNK WTR (1 1/2T)	M107	W98825	2330008358540	CEG	X			X			
	TRLR CARGO	M104A1	NO-LIN	2330008358630	***	X			X			
	TRLR CARGO (1 1/2T)	M105A1	W95811	2330008358631	CEH	X			X			
	TRLR TANK WATER	M106A1	NO-LIN	2330008358632	***	X			X			
	TRLR TNK WTR (1 1/2T)	M107A1	W98825	2330008358633	CEJ	X			X			
	TRLR VAN	XM581	NO-LIN	2330008566625	***	X			X			
	TRLR VAN	NONE	NO-LIN	2330008921974	***	X			X			
	TRLR CARGO (3/4T)	M101A1	W95537	2330008986779	CDC	X			X			
	TRLR BOLSTER (9T)	GPT 28	W94852	2330009267157	CPT	X			X			
	TRLR FLAT BED (6T)	XM789	W96701	2330009354450	CPD	X			X			
	TRLR MAINT	NONE	NO-LIN	2330009835354	***	X			X			
	TRLR CARGO (1/4T)	M416A1	W95400	2330010462855	CCD	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRLR FLAT BED (15T)	HYS HP	T96975	2330010608141	C3C	X			X			
	TRLR SEMI VAN ELEC	AN/MSQ-114	NO-LIN	2330010777832	***	X			X			
	TRLR CARGO (3/4T)	M101A2	W95537	2330011024697	CDB	X			X			
	TRLR TNK WTR (1 1/2T)	M149A2	W98825	2330011087367	CEA	X			X			
	TRLR FLAT BED (11T)	M989	T45465	2330011094258	CAA	X			X			
	TRLR BOLSTER GP (4T)	M796A1	W94536	2330011375116	CNA	X			X			
	TRLR VAN (PRTRO LAB)	XM822E1	NO-LIN	2330011620642	C4X	X			X			
	TRLR VAN AUDIO TEST	NONE	T99088	2330011769358	C83	X			X			
	TRLR FLAT BED (11T)	M1061A1	M1061A1	2330012073533	C98	X			X			
	TRLR FLAT BED (11T)	M989A1	Z90962	2330012757474	CAG	X			X			
	TRLR PALLETIZED	M1076	T93761	2330013035197	C9C	X			X			
	TRLR PLATFORM	W98270	W98270	3920008561342	***	X			X			
	TRLR PLATFORM WHSE	MIL-T-17479	W98270	3920008561342	***	X			X			
	HU TRUCKS, CHASSIS											
	TRUCK CHASSIS	M809	NO-LIN	2320000508842	***	X			X			
	TRUCK CHASSIS	M809A1	NO-LIN	2320000508941	***	X			X			
	TRUCK CHASSIS	M811	NO-LIN	2320000508985	***	X			X			
	TRUCK CHASSIS	M811	NO-LIN	2320000508986	BRN	X			X			
	TRUCK CHASSIS	M812	NO-LIN	2320000509011	***	X			X			
	TRUCK CHASSIS	M812	NO-LIN	2320000509040	***	X			X			
	TRUCK CHASSIS	M810	NO-LIN	2320000510586	***	X			X			
	TRUCK CHASSIS	M45A2	NO-LIN	2320000771622	***	X			X			
	TRUCK CHASSIS	M45A2	NO-LIN	2320000771623	***	X			X			
	TRUCK CHASSIS	M46A2	NO-LIN	2320000771628	***	X			X			
	TRUCK CHASSIS	M46A2C	NO-LIN	2320000771630	***	X			X			
	TRUCK CHASSIS	M887	NO-LIN	2320005799080	***	X			X			
	TRUCK CHASSIS	M724	NO-LIN	2320009216368	***	X			X			
	TRUCK CHASSIS	XM940	NO-LIN	2320010478743	***	X			X			
	TRUCK CHASSIS	M945W/W	NO-LIN	2320010504894	***	X			X			
	TRUCK CHASSIS	M1031	NO-LIN	2320011335368	BBL	X			X			
	TRUCK CHASSIS	M942A1 W/W	NO-LIN	2320012052665	***	X			X			
	TRUCK CHASSIS	M942A1	NO-LIN	2320012052666	***	X			X			
	TRUCK CHASSIS	M942A1	NO-LIN	2320012052667	***	X			X			
	TRUCK CHASSIS	M942A2 W/W	NO-LIN	2320012300287	BTU	X			X			
	TRUCK CHASSIS	M944A2	NO-LIN	2320012300288	BTW	X			X			
	TRUCK CHASSIS	M942A2	NO-LIN	2320012300289	BTV	X			X			
	TRUCK CHASSIS	M945A2	NO-LIN	2320012303261	BTX	X			X			
	TRUCK CHASSIS	M1080	Z40617	2320013539098	BHC	X			X			
	TRUCK CHASSIS	M1092	Z93881	2320013543382	BRZ	X			X			
	TRUCK CHASSIS, LWB	M1096	Z93813	2320013544527	BR6	X			X			
	HW TRAILERS, CHASSIS(ALL)											
	CHASSIS STLR MILVAN	NONE	E02395	2330001682259	CV4	X				X		
	HY DOLLIES											
	DOLLY SET (5 1/4 T)	M832	G34815	2330002214939	CPB	X				X		
	DOLLY SET (5 1/4T)	M689	G34815	2330002266076	CPC	X				X		
	DOLLY SET	XM829	NO-LIN	2330004840861	***	X				X		
	DOLLY TRLR CONVNT (8T)	M198A1	G35226	2330005637248	CQB	X				X		
	DOLLY TRLR CONVNT (6T)	M197A1	G35089	2330005690782	CHA	X				X		
	DOLLY SET (3T)	M720	G34805	2330009124251	CME	X				X		
	DOLLY SET (MUST)	M840	G34741	2330009371175	CMF	X				X		
	DOLLY SET CONVERTOR	NONE	NO-LIN	2330010093360	***	X				X		
	DOLLY SET (7 1/2T)	M1022	D34883	2330011677262	CYC	X				X		

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
J	COMMUNICATION AND ELECTRONIC EQUIPMENT											
	JE SPECIAL USE INTELLIGENCE EQUIPMENT											
	TACT IMAG INTERP FAC	AN/TSQ-43	V08844	5895002531513	ISC	X						X
	JP RADAR											
	RADAR SET	AN/MPQ-4	Q1 5414	5840005430759	IAJ	X						X
	JS OPERATION CENTRAL COMMUNICATIONS											
	DATA ANALYSIS CEN-TRAL	OL-86/MYK-8	F77651	58M010190279	HP7	X						X
	DATA STORAGE GROUP	OL-89/MYK-8	F77918	7025010088928	HON	X						X
	JU RECEIVERS											
	RECEIVING SET SPEC1	MSQ-103B	R60111	5811012208461	L5J	X						X
	JX ANCILLARY EQUIPMENT											
	COMM RESTORE POW SYS	NONE	NO-LIN	5811011757133	***	X						X
	SYS POWER DISTR	NONE	Z16417	5811011763877	***	X						X
	JY DIGITAL COMPUTER SYSTEMS											
	DATA PROCESSING SYS	AN/MYQ-4	D78075	7010010906819	HPS	X						X
	DATA PROCESSING SYS	AN/MYQ-4A	D78325	7010011585397	HYB	X						X
	JZ TOOLS & TEST EQUIP/TRAINING AIDS/DEVICES											
	CRPST-M	NONE	NO-LIN	5811011757133	***	X						X
K	ELECTRONIC TEST EQUIPMENT											
	KK CHARGERS											
	BATTERY CHARGER	PP-4884	NO-LIN	6130000871528	***	X			X			
	KY MISCELLANEOUS SUPPORT EQUIPMENT											
	TEST SUPPORT EQUIP	AN/TSM-1 73	T00172	4920011994038	***	X			X			
	ENVIRONMTEST CHAM-BER	NONE	H11867	6636006210825	***	X			X			
L	FLOATING EQUIPMENT											
	LA BARGES											
	BARGE (LIQUID CARGO)	231B		1930003752972	***	X			X	X		
	BARGE PIER DELONG	DSN 7029		1945009997899	WAT	X			X	X		
	BARGE PIER DELONG	DSN 7028		1945009997900	WAU	X			X	X		
	LB BOATS, BRIDGING											
	BOAT BRIDGE ERECTION	T-15	B83582	1940003554469	XJA				X	X		
	BOAT BRIDGE ERECTION	NONE	B83582	1940004170526	XJC				X	X		
	BOAT BRIDGE ERECTION	MDL 27	B83582	1940005260207	XJD				X	X		
	BOAT BRIDGE ERECTION	MRNT MD 27	B83582	1940007106649	XJF				X	X		
	BOAT BRIDGE ERECTION	HI-WAY MDL	B83582	1940008094472	XJG				X	X		
	BOAT BRIDGE ERECTION	HP127C	B83582	1940009150079	XJH				X	X		
	BOAT BRIDGE ERECTION	USCCBMK1	B25476	1940011055728	XJI				X	X		
	BOAT BRIDGE ERECTION	USCSBMK2	B25476	1940012189165	XJJ				X	X		
	LC BOATS, PASSENGER, PICKETS AND UTILITY											
	BOAT JON ALUMINUM	NONE	B84043	1940010894486	***	X			X			
	BOAT SEMI-VEE ALUM	NONE	B84692	1940010894487	***	X			X			
	CANOE ALUM	NONE	C94690	1940010894488	***	X			X			
	LD LANDING CRAFTS											
	LANDING CRAFT UTILITY	LCU 1646M	L36876	1905010091056	WAV				X	X		
	LANDING CRAFT UTILITY	LCU 1466A	L36876	1905010316077	WAV				X			X
	LANDING CRAFT UTILITY	MDL2000	L36989	1905011541191	WBS				X	X		
	LANDING CRAFT UTILTIY	LCU 1646	L36876	1905011685764	WAA				X	X		
	LIGHTER BEACH DISCH	MKI-D-5002	L67645	1930007059230	WBE				X	X		
	BOAT LANT INFLAT	NONE	B83856	1940005405609	XAI	X			X	X		

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	LE	TUGS										
	TUG	1200-1530 HP	DSN 377A	X71046	1925002161845	WAQ			X	X		
	TUG	200 HP	DSN 320	NO-LIN	1925003753001	WAK			X	X		
	TUG	600-650 HP	DSN 3004	X70909	1925003753002	WAL			X	X		
	TUG	1200-1530 HP	DSN 3006	X71046	1925003753003	WAM			X	X		
	TUG	200-440 HP	DSN 3013	X70772	1925006515685	WCJ			X	X		
	LF	VESSELS										
	VESSEL	LOGISTIC SPT	LSV-ND1	V00426	1915011538801	WAX			X	X		
	LG	PROPELLING UNITS, OUTBOARD										
	PROPELLING	UNIT DED	DSL 115 HP	P78858	2010000283455	WA6			X	X		
	PROPELLING	UNIT DED	DSL 165 HP	P78995	2010002780793	WA7			X	X		
	PROPELLING	UNIT DED	NA165-154SRP	P78995	2010004104442	WAO			X	X		
	PROPELLING	UNIT DED	TMOT-OD-250A	P78995	2110012512227	WHD			X	X		
	LH	BARGE CRANES										
	CRANE	BARGE 89-250T	264	F36090	1935001788205	WBB			X	X		
	CRANE	BARGE 250T	NONE	F36090	1935002172302	WBC			X	X		
	CRANE	BARGE 100T	DSN 264B	F36090	1935002646219	WAC			X	X		
	CRANE	BARGE 60T	DSN 413D	F35953	1935002646220	WAD			X	X		
	LJ	BOATS, TRAILERS										
	TRLR	BOAT TRANS	NONE	T94691	2330010920238	C82	X		X			
	TRLR	BOAT TRANS	T94759	T94759	3920010956915	***	X		X			
	TRLR	BOAT	4-WHEEL	W94500	3920011087363	C8D	X		X			
	LK	BOATS, RECREATIONAL										
	BOAT	FIBERGLASS 16-FT	NONE	NO-LIN	1940005527544	***	X		X			
	BOAT	FLAT BOTTOM	MDL 2052	B83793	1940010366831	***	X		X			
	20FT											
	LL	LIGHTER AMPHIBIOUS										
	LIGHTER	AMPH 60T-SP	LARC-LX	L67508	1930003922981	WAN	X		X	X		
	LIGHTER	AMPH 5T-SP	LARC	L67234	1930007105728	WAP	X		X	X		
	LIGHTER	AMPH 15T-SP	LARC-XV	L67508	1930007105729	WAR	X		X	X		
	LIGHT	AIR CUSHION	LACV-30	L66710	2305010616230	WEA	X		X	X		
	LM	TRANSPORT MOBILE ASSAULT BRIDGE										
	SUPSTR	INT BAY (MAB)	NONE	NO-LIN	5420000178224	***			X			
	TRNSPTR	BRIDGE FLOAT	NONE	X23277	5420000715321	XMA	X		X		X	
	INTERIOR	BAY BROG	NONE	K97376	5420000715322	XMB			X			
	FLO											
	SUPSTR	END BAY (MAB)	NONE	U58875	5420004916320	XMD			X			
	SUPSTR	TRNSPTR (MAB)	T52703	U58881	5420004916330	XME	X		X		X	
	SUPSTR	INT BAY (MAB)	NONE	U58878	5420004916339	XMF			X			
	RAMP	BAY BRIDGE	NONE	R10527	5420004975276	XMG			X			
	FLOAT											
	SUPSTR	TRNSPTR (MAB)	FMC-1	U58881	5420008778679	XMH	X		X		X	
	SUPSTR	INT BAY (MAB)	NONE	U58878	5420008778682	XMI			X			
	SUPSTR	END BAY (MAB)	NONE	U58875	5420008778684	XMJ			X			
	TRNSPTR	RIBBON	NONE	X23277	5420011756524	XMM	X		X		X	
	BRIDGE											
	LX	ANCILLARY EQUIPMENT										
	REPAIR	SHOP FLOATING	DSN 7011		1935003753000	WBR	X		X	X		
	LY	MISCELLANEOUS FLOATING EQUIPMENT										
	JET	SKI	NONE	J16401	1940010883530	***	X		X			
N	CONSTRUCTION	EQUIPMENT										
	NA	CRUSHERS AND PLANTS										

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	CRUSHER JAW	NONE	NO-LIN	3820007837311	***	X			X			
	CRUSHER	NONE	NO-LIN	3820007885999	***	X			X			
	CRUSH/SCREEN PLANT	MDL2A2	F49536	3820008784285	EUW	X			X			
	CRUSHER	1524PAC	NO-LIN	3820008800795	EUX	X			X			
	NB PAVING/MIXERS/DISTRIBUTORS											
	DIST WTR (GAS-TRK MTD)	W15A4112	G28212	3825000770550	EXS	X			X			
	DIST WTR GEN (TRK MTD)	STL1602	G28212	3825004039334	EXT	X			X			
	DIST WTR (GAS-TRK MTD)	W15B	G28212	3825004743742	EX7	X			X			
	DIST WTR (GAS-TRK MTD)	W15A61A2	G28212	3825007749090	EXZ	X			X			
	DIST WTR (STLR MTD)	WD6S	D28318	3825010656221	EVE	X			X			
	DIST WTR (SP-NON-SEC)	NONE	D28736	3825011431212	EVG	X			X			
	DIST WTR (SP-SEC)	NONE	D28804	3825011431213	EVF	X			X			
	DIST WTR (STLR MTD)	R036	D28318	3825012973357	E43	X			X			
	PAVING MACH BIT	BARBR GREEN	N75124	3895000578715	EVM	X			X			
	DISTR BIT MATRL TANK	D60 (TRK MTD)	G27844	3895000900434	EVS	X			X			
	MIXER CNCRTE (TRLRMTD)	NONE	M54083	3895004381479	EZ9	X			X			
	MIXER CNCRTE (TRLRMTD)	NONE	M54076	3895004381480	***	X			X			
	MIXER CNCRTE (TRK MTD)	NONE	M54630	3895004381486	EZB	X			X			
	MIXER CNCRTE (TRLRMTD)	MDL 499A	M54151	3895004441531	EYB	X			X			
	DRIER MXR BIT (WHLMTD)	PM 415 MIL	G55186	3895007554761	EWN	X			X			
	DISTR LIQ BIT (TLRMTD)	NONE	G27938	3895007670247	EYS	X			X			
	MIXER CNCRTE (TRLRMTD)	MAC 16SM	M54151	3895008077985	EYC	X			X			
	PAVING MACH BIT	B-G 879-B	N75124	3895008216951	EZW	X			X			
	DRIER MXR BIT (WHLMTD)	FORD 700LA	G55186	3895006326230	EWT	X			X			
	MIXER CNCRTE (TRLRMTD)	CHN BLT HBG	M54151	3895008354512	EYD	X			X			
	DIST BIT (GAS-TRK MTD)	D-40,	G27664	3895008492116	EY3	X			X			
	MIXER RTY TILLER (SP)	B2-1171	M55384	3895008830437	EVY	X			X			
	MIXER CNCRTE (TRLRMTD)	MAC 16SM	M54151	3895009855335	EYE	X			X			
	MIXER RTY TILLER (SP)	CHN BLT HDTM	M55384	3895009875536	EW8	X			X			
	DIST BIT (TRK MTD)	NONE	NO-LIN	3895010261237	EZE	X			X			
	DISTR BIT MATRL TANK	M918 (TRKMTD)	G27844	3895010284390	EXC	X			X			
	MIXER CNCRTE (TRLRMTD)	NONE	M54254	3895010525058	***	X			X		X	
	PAVING MACH BIT	BSF400	N75124	3895010637891	EXE	X			X			
	PAVING MACH	NONE	NO-LIN	3895010929232	***	X			X			
	PATCH UT MOBILE-ASPH	NONE	P07602	3895011374852	E4E	X			X			
	MIXER RTY TILLER (SP)	HDS-E	M55384	3895011410882	EXG	X			X			
	MIXER RTY TILLER (SP)	T0730HKEG	M55384	3895013318560	E45	X			X			
	NC EARTHMOVING											

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	SCRAPER (TOWED)	EUCLID 58 H	S56256	3805000693316	EHX	X			X			
	SCRAPER (LET)	WHSE CT-4	S56256	3805000753312	EHY	X			X			
	SCRAPER AIR DROP- PABLE	NONE	S56941	3805004180115	EHW	X			X			
	SCRAPER AIR TRANS/ SEC	NONE	S56119	3805004180116	EH4	X			X			
	SCRAPER (SP)	NONE	S55996	3805011050782	EH8	X			X			
	SCRAPER (SP)	NONE	S56006	3805011062084	EH6	X			X			
	SCRAPER ELEV NON- -SECT	NONE	S29971	3805011442992	EHZ	X			X			
	SCRAPER ELEV SECT	NONE	S30039	3805011448837	EH2	X			X			
	SCRAPER (SP/CCE)	CAT 621B	S56246	3805011531854	EH3	X			X			
	SCRAPER (SP-ELEV SECT)	613BSS	S30039	3805012674177	EJK	X			X			
	SCRAPER (SP-ELEV / NON-S)	613BSNS	S29971	3805012674178	EJL	X			X			
	ND TRACTORS											
	TRACTOR (FT-LOW SPD)	A/C HO-16M	W76816	2410000786483	EA5	X			X			
	TRACTOR (FT-LOW SPD)	LC DD HD16-M	W83529	2410000786484	EAT	X			X			
	TRACTOR (FT-LOW SPD)	D5A (ELECT)	W76268	2410001425283	EAN	X			X			
	TRACTOR (FT-LOW SPD)	NONE	W86200	2410001776851	EBH	X			X			
	TRACTOR (FT-LOW SPD)	CAT D7F DV29	W83529	2410001777283	EAU	X			X			
	TRACTOR (FT-LOW SPD)	CAT D7F DV29	W76816	2410001777284	EA2	X			X			
	TRACTOR (FT-LOW SPD)	D7F W/ROPS	W76816	2410001859792	EA6	X			X			
	TRACTOR (FT-LOW SPD)	D7F W/ROPS	W83529	2410001859794	EAW	X			X			
	TRACTOR (FT-LOW SPD)	D5	W76268	2410002302767	EAP	X			X			
	TRACTOR (FT-LOW SPD)	D7F WNTRZD	W76816	2410003006664	EA7	X			X			
	TRACTOR (FT-LOW SPD)	NONE	W88493	2410004511003	EBK	X			X			
	TRACTOR (FT-LOW SPD)	IHC TD18-182	W83255	2410005417854	EBP	X			X			
	TRACTOR (FT-LOW SPD)	IHC TD18-182	W80789	2410005417655	EAP	X			X			
	TRACTOR (FT-LOW SPD)	TD-24-241	W77364	2410005422338	EBQ	X			X			
	TRACTOR (FT-LOW SPD)	IHC TD20-200	W80789	2410005422498	EBR	X			X			
	TRACTOR (FT-LOW SPD)	IHC TD20-200	W83255	2410005422499	EAE	X			X			
	TRACTOR (FT-LOW SPD)	CAT D-8	W77364	2410005424882	EAB	X			X			
	TRACTOR (FT-LOW SPD)	CAT D8K8A-58	W88575	2410005747597	EAC	X			X			
	TRACTOR (FT-LOW SPD)	CAT D8K-8S-8	W88699	2410005747598	EAD	X			X			
	TRACTOR (FT-LOW SPD)	HTD CAT D7E	W76816	2410007821130	EA3	X			X			
	TRACTOR (FT-LOW SPD)	D5A (GAS)	W76268	2410008286865	EAQ	X			X			
	TRACTOR (FT-LOW SPD)	NONE	W80104	2410008436374	EAH	X			X			
	TRACTOR (FT-LOW SPD)	A/C HD-16M	W76816	2410009011950	EA4	X			X			
	TRACTOR (FT-LOW SPD)	NONE	W80378	2410009260910	EAL	X			X			
	TRACTOR (FT-LOW SPD)	DD CAT D7E	W83529	2410009263697	EAV	X			X			
	TRACTOR (FT-LOW SPD)	CASE MDL M45	W76336	2410009350714	EAS	X			X			
	TRACTOR (FT-LOW SPD)	CASE 1150W/R	W76285	2410010244065	EA8	X			X			
	TRACTOR (FT-LOW SPD)	D7E WIN ROPS	W76816	2410010509628	EA9	X			X			
	TRACTOR (FT-LOW SPD)	D7E R1P ROPS	W83529	2410010509629	EAY	X			X			
	TRACTOR (FT-LOW SPD)	D5BNS	W76285	2410011267902	EBA	X			X			
	TRACTOR (FT-LOW SPD)	D5BS	W76268	2410011276512	EBB	X			X			
	TRACTOR (FT-LOW SPD)	DEER MDL550C	W76336	2410011399859	EBC	X			X			
	TRACTOR (FT-LOW SPD)	D7G W/ROPS	W83529	2410012230350	EAZ	X			X			
	TRACTOR (FT-LOW SPD)	CAT D7G	W76816	2410012237261	EBM	X			X			
	TRACTOR (FT-LOW SPD)	D5BS1	W76268	2410012701192	EBS	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRACTOR (FT-LOW SPD)	D5BNS1	W76285	2410012968479	EBT	X			X			
	TRACTOR (WHL IND)	DSL 290-M	W90790	2420000889384	EDA	X			X			
	TRACTOR (WHL IND)	DSL830-MB	W90790	2420001041896	EDB	X			X			
	TRACTOR (HS-WHL)	NONE	W88940	2420004318309	EDY	X			X			
	TRACTOR (WHL IND)	CAT 830MB	W90790	2420009305999	EDC	X			X			
	TRACTOR (WHL IND)	CAT 830MBROP	W90790	2420010064946	EEZ	X			X			
	TRACTOR (WHL IND)	CAT 830MBROP	W90790	2420010284936	EE2	X			X			
	TRACTOR (WHL IND)	CLARK 290MRO	W90790	2420010590090	EDD	X			X			
	TRACTOR (WHL IND)	NONE	NO-LIN	2420010590091	EDZ	X			X			
	TRACTOR (WHL EXCAV)	FLU419	T34437	2420011602754	EDL	X			X			
	TRACTOR (WHL IN- D-HMMH)	FLU 10344	T33786	2420012058636	EED	X			X			
	TRACTOR (WHL IND)	NONE	NO-LIN	2420012288610	***	X			X			
	TRACTOR (WHL IND)	NONE	NO-LIN	2420012560066	***	X			X			
	GRADER ROAD MOTOR- IZED	F1500M	J74852	3805001557093	EHE	X			X			
	GRADER ROAD MOTOR- IZED	12	J74852	3805001974184	EJG	X			X			
	GRADER ROAD MOTOR- IZED	116	J74852	3805002211802	EJM	X			X			
	GRADER ROAD MOTOR- IZED	118 W/ATTACH	J74852	3805002239031	EJR	X			X			
	GRADER ROAD MOTOR- IZED	NONE	NO-LIN	3805004660084	***	X			X			
	GRADER ROAD MOTOR- IZED	4D	J74852	3805005422996	EHD	X			X			
	GRADER ROAD MOTOR- IZED	NONE	NO-LIN	3805009317881	***	X			X			
	GRADER ROAD MOTOR- IZED	440HA W/ROPS	J74852	3805010182866	EHJ	X			X			
	GRADER ROAD MOTOR- IZED	CAT 120 W/RO	J74852	3805010290139	EHK	X			X			
	GRADER ROAD MOTOR- IZED	F1500 MW WNT	J74852	3805010643878	EHM	X			X			
	GRADER ROAD MOTOR- IZED	130GNS	J74920	3805011267894	EHN	X			X			
	GRADER ROAD MOTOR- IZED	130GS	J74886	3805011267895	EHP	X			X			
	GRADER ROAD MOTOR- IZED	CAT 130G	G74783	3805011504795	EHF	X			X			
	GRADER SCRAPER AT- TACH	NONE	J75239	3830009008545	EHQ	X			X			
	NF CRANES/SHOVELS/EXCAVATORS											
	EXCAVATOR (TRUCK MTD)	NONE	H17945	3805003519426	E24	X			X			
	EXCAVATOR (TRUCK MTD)	NONE	E27292	3805012171083	E2Y	X			X			
	EXCAVATOR (TRUCK MTD)	NONE	H17945	3805012178422	E22	X			X			
	CRANE (TRK MTD) 25T	MT 250	F43429	3810000182021	ELA	X			X			
	CRANE (WHIL MTD) 20T	2385	F39378	3810000435354	EK5	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	CRANE-SHOVEL (TRK MTD)	M320T2 (20T)	F43414	3810001514431	ELF	X			X			
	CRANE (WHL MTD) 20T	M320RT	F39378	3810002751167	EKC	X			X			
	CRANE (TRK MTD) 10-25T	20ORF2	F43439	3810003503775	EKM	X			X			
	CRANE (TRK MTD)	NONE	F43003	3810004337174	ELK	X			X			
	CRANE (TRK MTD) 30-45T	NONE	F38738	3810004571525	ELP	X			X			
	CRANE (TRK MTD) 50-65T	NONE	F38783	3810004571526	ELQ	X			X			
	CRANE-SHOVEL CRWLRMTD	M855BG240T	F40474	3810005423048	EMH	X			X			
	CRANE-SHOVEL (TRK MTD)	M220 (20T)	F43414	3810005424982	ELE	X			X			
	CRANE (WHL MTD) 20T	2380	F39378	3810007637728	EKD	X			X			
	CRANE-SHOVEL (TRK MTD)	M320T (20T)	F43414	3810008618088	ELG	X			X			
	CRANE-SHOVEL CRWLRMTD	M855BG2	F40474	3810009330588	EME	X			X			
	CRANE-SHOVEL CRWLRMTD	M855BG	F40474	3810009330589	EMF	X			X			
	CRANE-SHOVEL CRWLRMTD	36M (12 1/2T)	F43364	3810009373939	EMB	X			X			
	CRANE (WHL MTD) 5T	H-446	F39241	3810009480407	EKT	X			X			
	CRANE-SHOVEL (TRK MTD)	2360 (20T)	F43414	3810009890605	ELM	X			X			
	CRANE (TRK MTD)	NONE	C38942	3810010279253	***	X			X			
	CRANE (TRK MTD) 140T	NONE	C38874	3810010279254	***	X			X			
	CRANE (TRK MTD) 25T	TMS 300-5	F43429	3810010549779	ELH	X			X			
	CRANE (TRK MTD)	CAT RT41 AA	F43003	3810011444885	ELL	X			X			
	CRANE-SHOVEL CRWLRMTD	P&H 5060	F40474	3810011458288	EMK	X			X			
	CRANE (WHIL MTD) 71/2T	NONE	C36151	3810011650646	EKY	X			X			
	CRANE (WHIL MTD) 7 Y2T	NONE	C36219	3810011650647	EKZ	X			X			
	CRANE (WHL MTD-RTCC) NG LOADERS	NONE	C39398	3810012052716	EKG	X			X			
	LOADER SCOOP (DSL)	AC 645M	L76556	3805000519359	EFL	X			X			
	LOADER SCOOP (DSL)	NONE	L76282	3805000746378	DJA	X			X			
	LOADER SCOOP (DSL)	JICASE MW24B	L76556	3805001694711	EFM	X			X			
	LOADER SCOOP (DSL)	JICASE MW24	L76566	38050-02630627	EFN	X			X			
	LOADER SCOOP (DED/GED)	NONE	L76305	3805004381463	EF4	X			X			
	LOADER SCOOP (DSL)	NONE	L76522	3805004381464	EF5	X			X			
	SPRDR AGGREGATE (TOW)	GAR-WD M5-8	U12063	3895008367324	EWV	X			X			
	SPREADER AG-GREGATE-SP NN TRUCKS (CCE)	NONE	U12073	3895010907940	EZK	X			X			
	TRK DUMP (CCE) 20T	F5070	X44403	3805001927249	EZY	X			X	X		X
	TRK DUMP (CCE) 20T	M917	X44403	3805010284389	EZZ	X			X	X		X
	TRK CNCRTE MXR (CCE)	M919	T42725	3895010284391	EXD	X			X	X		X
	NO BRIDGES, FLOATING											

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
		SWEEPER ROTARY (SP)	NONE	U76754	3825010907913	E25	X		X			
		SWEEPER ROTARY (SP)	NONE	U76744	3825010907914	E26	X		X			
		SWEEPER ROTARY (SP)	FMC2933AH	U76754	3825010932394	E27	X		X			
		SWEEPER ROTARY (SP)	NONE	S76984	3825011075630	E3A	X		X			
		SWEEPER (DSL-TOWED)	MB53MH	U76871	3825013142926	EVH	X		X			
		SWEEPER (TOWED)	NONE	NO-LIN	3830010907754	E3D	X		X			
		TILLER ROTARY (TOWED)	NONE	NO-LIN	3830011050763	E3Z	X		X			
		HAMMER P/D (SELF PWD)	NONE	K04697	3895000140583	E9G	X		X			
		COMPACTOR (TRCTR MTD)	NONE	E61041	389500611116254	E37	X		X			
		CABLE LAYER UNGND	LC-236/M	C66801	3895009734512	HJF	X		X			
		RPR TRLR PWR UT (TWD)	NONE	R76576	3895010374942	***	X		X			
		STEAM BROILER (TOWED)	NONE	B86065	4410010971342	***	X		X			
		CLNR SEWER (TRK MTD)	PC-50-10	E32569	4940010042787	FTN	X		X			
		AGR MACH P/SWR CLNR	736 CONCO	B01866	4940010042789	***	X		X			
		CLNR STEAM (TRLR MTD)	NONE	C32887	4940010259856	2BC	X		X			
		CLNR SEWER (TRK MTD)	NONE	C32450	4940011648172	FTX	X		X			
		CLNR SEWER (TRLR MTD)	NONE	C48676	4940012355441	***	X		X			
		TOOL OUTF PIONR PTBL	NONE	W68486	5180002899569	YXC	X		X			
		TANK ASPHALT STOR- AGE	TAS5B	V12312	5430009339055	EXR	X		X			
P		MATERIEL HANDLING EQUIPMENT										
	PA	CRANES, WAREHOUSE										
		CRANE TRK WHSE (GAS)	P BONE 10FM	F39104	3950001974935	DML	X		X			
		CRANE TRK WHSE (GAS)	NC-10 QM PT	F39104	3950002711837	DPW	X		X			
		CRANE TRK WHSE (ELEC)	K42SF6778	F38967	3950002711846	DDM	X		X			
		CRANE TRK WHSE (ELEC)	CX4	F38967	3950002711847	DC4	X		X			
		CRANE TRK WHSE (ELEC)	CX4	F38967	3950004026705	DDN	X		X			
		CRANE TRK WHSE (GED)	WHSE1 60000LB	F39126	3950005907816	DPY	X		X			
		CRANE TRK WHSE (GAS)	29690	F39104	3950007233294	DMJ	X		X			
		CRANE TRK WHSE (GAS)	46717	F39104	3950007233295	DMK	X		X			
		CRANE TRK WHSE (DSL)	NONE	Z20409	3950012230298	DMM	X		X			
	PB	TRUCKS, FORKLIFTS ELECTRIC										
		TRK FORKLIFT (ELEC)	FTHY 40/48	X50284	3930000568209	DAA	X		X			
		TRK FORKLIFT (ELEC)	BAKER 040MO2	X50489	3930000645871	DBE	X		X			
		TRK FORKLIFT (ELEC)	CLARK 337450	X50489	3930000866677	DBG	X		X			
		TRK FORKLIFT (ELEC)	FE20-24	X49188	3930001514432	DAB	X		X			
		TRK FORKLIFT (ELEC)	SR30MIL	X45283	3930002114323	DBD	X		X			
		TRK FORKLIFT (ELEC)	FTD040EE	X50489	3930002366253	DAC	X		X			
		TRK FORKLIFT (ELEC)	ECE20245	X49188	3930002711902	***	X		X			
		TRK FL (PLT-PWR/ELEC)	NONE	X54668	3930002711903	DAD	X		X			
		TRK FORKLIFT (ELEC)	FTHEG40	X50489	3930002729972	DBS	X		X			
		TRK FORKLIFT (ELEC)	FSHG2048	X49188	3930002738221	DXB	X		X			
		TRK FORKLIFT (ELEC)	ACE40AEE180	X50489	3930003271600	DAE	X		X			
		TRK FORKLIFT (ELEC)	ACE40AEE144	X50436	3930003271603	DAF	X		X			
		TRK FORKLIFT (ELEC)	FL40EE5600M	X50436	3930003476175	DC8	X		X			
		TRK FORKLIFT (ELEC)	FL40EE6550	X50284	3930004035661	DAH	X		X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
TRK	FORKLIFT (ELEC)	FL40EE6250	X50489	3930004035662	DAJ	X			X			
TRK	FORKLIFT (ELEC)	FTD040EE	X50284	3930004948151	DAL	X			X			
TRK	FORKLIFT (ELEC)	E-3 RT-57	X45283	3930005556290	DBA	X			X			
TRK	FORKLIFT (ELEC)	FTD040EE	X50489	3930007096341	DAM	X			X			
TRK	FORKLIFT (ELEC)	FTD040EE	X50284	3930007096342	DAN	X			X			
TRK	FORKLIFT (ELEC)	BAKER 040-EE	X50489	3930007096358	DDC	X			X			
TRK	FORKLIFT (ELEC)	6M 040EE	X50832	3930007244057	DA2	X			X			
TRK	FORKLIFT (ELEC)	FTD020EE	X49188	3930007244058	DAP	X			X			
TRK	FORKLIFT (ELEC)	060-EE	X50969	3930007244059	DAT	X			X			
TRK	FORKLIFT (ELEC)	SRT E-FL100	X51037	3930007386030	DB8	X			X			
TRK	FORKLIFT (ELEC)	SRT E-FL100	X51037	3930008975270	D89	X			X			
TRK	FORKLIFT (ELEC)	FTD020 EESS	X49188	3930009357864	DAQ	X			X			
TRK	FORKLIFT (ELEC)	FTD020EE 2	X49188	3930009650075	DAR	X			X			
TRK	FORKLIFT (ELEC)	ACE100 CREEM1	X51037	3930010319379	DAS	X			X			
TRK	FORKLIFT (ELEC)	AC SR30B	X45283	3930010498700	DDE	X			X			
TRK	FORKLIFT (ELEC)	ACC10PS110	X52613	3930010543832	DME	X			X			
TRK	FORKLIFT (ELEC)	HYS E40BMIL	X50436	3930010559721	DAU	X			X			
TRK	FORKLIFT (ELEC)	SHREK RRRH-E	X45283	3930010878698	DDF	X			X			
TRK	FL (PLT-PWR/ELEC)	EATIN MP40EE	X54668	3930010891429	DAX	X			X			
TRK	FORKLIFT (ELEC)	SL-4413	T73474	3930011231300	DAY	X			X			
TRK	FORKLIFT (ELEC)	EL ACE40	X50436	3930011267505	DAZ	X			X			
TRK	FORKLIFT (ELEC)	SL44/3ESS	T73474	3930012084600	DDH	X			X			
TRK	FORKLIFT (ELEC)	MC CATM25	X49188	3930012126675	DDJ	X			X			
TRK	FORKLIFT (ELEC)	60HEV36VEE	X50900	3930012238436	DDB	X			X			
TRK	FORKLIFT (ELEC)	E40EV36V EE	X50489	3930012238437	DDD	X			X			
TRK	FORKLIFT (ELEC)	EFG26002	X50436	3930121871464	DDK	X			X			
TRK	FORKLIFT (ELEC)	EFG26002	X50832	3930121871465	DDL	X			X			
PC	TRUCKS, FORKLIFTS, GED											
TRK	FORKLIFT (GAS)	C403	X51654	3930000179079	DM7	X			X			
TRK	FORKLIFT (GAS)	LT-60RS	X51791	3930000251015	DN4	X			X			
TRK	FORKLIFT (GAS)	LH MY-40MB	X51380	3930000645868	DLA	X			X			
TRK	FORKLIFT (GAS)	MY-60-MC NRS	X51791	3930000645869	DN5	X			X			
TRK	FORKLIFT (GAS)	MY-60-MC RS	X51791	3930000645870	DN6	X			X			
TRK	FORKLIFT (GAS)	M40MRS	X51654	3930000646564	DP4	X			X			
TRK	FORKLIFT (GAS)	FJF-040	X51380	3930000738676	DLB	X			X			
TRK	FORKLIFT (GAS)	502PG4C24144	X51380	3930000739222	DLC	X			X			
TRK	FORKLIFT (GAS)	FJF040	X51380	3930001514428	DLD	X			X			
TRK	FL (GAS/DIESEL)	HYS H150F	X52750	3930001514434	DLE	X			X			
TRK	FORKLIFT (GAS)	AC F40-24-PS	X51517	3930001654102	DLF	X			X			
TRK	FORKLIFT (GAS)	FJF060MHE210	X51791	3930002354674	DLG	X			X			
TRK	FORKLIFT (GAS)	MDL 40	X51380	3930002574868	DM8	X			X			
TRK	FORKLIFT (GAS)	CL 108IN	X51517	3930002668959	DNC	X			X			
TRK	FORKLIFT (GAS)	RS-53	X51106	3930002711449	DNG	X			X			
TRK	FORKLIFT (GAS)	LT-60	X51791	3930002729289	DN3	X			X			
TRK	FORKLIFT (GAS)	KG-51T-20HRS	X51106	3930002738223	DNM	X			X			
TRK	FORKLIFT (GAS)	KG-51T-20H	X51106	3930002738226	DNL	X			X			
TRK	FORKLIFT (GAS)	C500-20	X51106	3930003159699	DLH	X			X			
TRK	FORKLIFT (GAS)	502 PG40-24	X51585	3930004195738	DU	X			X			
TRK	FORKLIFT (GAS)	C20B1756421	X51106	3930004361413	DLL	X			X			
TRK	FORKLIFT (GAS)	F40-24-PS	X51654	3930004595948	DLM	X			X			
TRK	FORKLIFT (GAS)	ACC40FS180	X51654	3930005564955	DLP	X			X			
TRK	FORKLIFT (GAS)	ACC40PS100	X51517	3930005907814	DLQ	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG#	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK FORKLIFT (GAS)	G5134-4024	X51380	3930006789913	DM9	X			X			
	TRK FORKLIFT (GAS)	MONO-2	X51380	3930007243568	DNA	X			X			
	TRK FORKLIFT (GAS)	MONO-2	X51380	3930007243570	DLR	X			X			
	TRK FORKLIFT (GAS)	FJF060	X51791	3930007385938	DLS	X			X			
	TRK FORKLIFT (GAS)	462SG4024144	X51654	3930007813855	DM4	X			X			
	TRK FORKLIFT (GAS)	T-MTR4625G40	X51517	3930007813856	DND	X			X			
	TRK FORKLIFT (GAS)	C20B1632033	X51106	3930007813858	DLU	X			X			
	TRK FL (GAS/DIESEL)	H150C	X52750	3930008974632	DLV	X			X			
	TRK FORKLIFT (GAS)	KGPA51AT60	X51791	3930008974633	DPE	X			X			
	TRK FORKLIFT (GAS)	AC F60-1001 N	X52065	3930009357856	DLY	X			X			
	TRK FORKLIFT (GAS)	S40-PC	X51654	3930009357865	DL2	X			X			
	TRK FORKLIFT (GAS)	S40CP-100	X51517	3930009357866	DL3	X			X			
	TRK FORKLIFT (GAS)	FJF-040-MO2	X51380	3930009357963	DL4	X			X			
	TRK FORKLIFT (GAS)	FP60-24PS	X51791	3930009357979	DL5	X			X			
	TRK FORKLIFT (GAS)	1615159RS	X51654	3930009541303	DM5	X			X			
	TRK FORKLIFT (GAS)	C40B1615158	X51517	3930009549311	DL6	X			X			
	TRK FORKLIFT (GAS)	FT20-24PS-12	X51106	3930009583683	DL8	X			X			
	TRK FORKLIFT (GAS)	FP-60-24-PS	X51791	3930009583684	DL9	X			X			
	TRK FORKLIFT (GAS)	ACC40PS144	X51517	3930010398291	DMA	X			X			
	TRK FORKLIFT (GAS)	ACC40PS180	X51654	3930010398292	DMB	X			X			
	TRK FORKLIFT (GAS)	ACP40PS144	X51585	3930010404594	DMC	X			X			
	TRK FORKLIFT (GAS)	ACP60PS180	X51791	3930010525050	DMD	X			X			
	TRK FORKLIFT (GAS)	ACC45PS144	X51517	3930010754937	DMF	X			X			
	TRK FORKLIFT (GAS)	C50OY45	X51585	3930010853767	DMG	X			X			
	TRK FORKLIFT (GAS)	FG30N7M	X51585	3930011463990	DMH	X			X			
	TRK FORKLIFT (CBD)	H40XL-MIL	T73645	3930011727891	DXA	X			X			
	TRK FORKLIFT (CBD)	H60XL-MIL	T49096	3930011727892	DXG	X			X			
	PD TRUCKS, PLATFORM											
	TRUCK PLATFORM	INT1600A	NO-LIN	2320001955332	***	X			X			
	TRUCK PLATFORM	NONE	NO-LIN	3930010525220	***	X			X			
	TRUCK PLATFORM	NONE	NO-LIN	3930011210875	***	X			X			
	PE TRACTORS, WAREHOUSE											
	TRACTOR WHEELED (GAS)	J-217-F	W89557	3930000383166	DMN	X			X			
	TRACTOR WHEELED (GAS)	MT-40MA	W89557	3930000646563	DMP	X			X			
	TRACTOR WHEELED (GAS)	G/PC	W89557	3930001813217	DMQ	X			X			
	TRACTOR WHEELED (GAS)	CTA40	W89557	3930003476173	DMX	X			X			
	TRACTOR WHEELED (GAS)	ACT-40	W89557	3930006789914	DMS	X			X			
	TRACTOR WHEELED (GAS)	T-40	W89557	3930006794823	DMT	X			X			
	TRACTOR WHEELED (GAS)	MT-40	W89557	3930007243471	DMU	X			X			
	TRACTOR WHEELED (GAS)	G-40	W89557	3930007248146	DMY	X			X			
	TRACTOR WHEELED (GAS)	JG-40PT	W89557	3930009261066	DMV	X			X			
	TRACTOR WHEELED (GAS)	NONE	W89557	3930009534890	DMW	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRACTOR WHEELED (GAS)	JG40	W89557	3930010478722	DP5	X			X			
	TRACTOR WHEELED (GAS)	SM340	W89557	3930010752812	DP6	X			X			
	PF TRUCKS, STRADDLE TRK STRDL E-CAR- RY-GAS	M300H	X56997	3930000520034	DMZ	X			X			
	PG TRUCKS, FORKLIFT-ROUGH TERRAIN											
	TRUCK FORKLIFT (DSL)	MLT6-2	X48914	3930003271575	DJB	X			X			
	TRUCK FORKLIFT (DSL)	ARTFT6	X48914	3930004195744	DJC	X			X			
	TRUCK FORKLIFT (DSL)	RTL 10-1S	X49051	3930004655869	DJD	X			X			
	TRUCK FORKLIFT (GAS)	MR 100-RS	X52476	3930005542700	DJZ	X			X			
	TRUCK FORKLIFT (GAS)	MR 100-RS #2	X52476	3930006789056	DJ2	X			X			
	TRUCK FORKLIFT (GAS)	RJF060	X51928	3930006794458	DJX	X			X			
	TRUCK FORKLIFT (GAS)	HR 100	X52476	3930007999956	DJ3	X			X			
	TRUCK FORKLIFT	NONE	X52810	3930008327043	DJG	X			X			
	TRUCK FORKLIFT (DSL)	A-3520	X49051	3930009030899	DJH	X			X			
	TRUCK FORKLIFT (DSL)	MLGT-6	X48914	3990600030900	DJJ	X			X			
	TRUCK FORKLIFT (DSL)	MLT-6W	X48914	3930009263836	DJK	X			X			
	TRUCK FORKLIFT (DSL)	MLT6CH	X48914	3930009370220	DJL	X			X			
	TRUCK FORKLIFT (GAS)	390012	X52476	3930009730659	DJY	X			X			
	TRUCK FORKLIFT (DSL)	MDL 10 ROPS	X49051	3930010528997	DJP	X			X			
	TRUCK FORKLIFT (DSL)	MLT6CH ROPS	X48914	3930010534823	DJQ	X			X			
	TRUCK FORKLIFT (DSL)	MDL 10-1 ROPS	X49051	3930010534824	DJR	X			X			
	TRUCK FORKLIFT (DSL)	ARTFT6 ROPS	X48914	3930010543830	DJS	X			X			
	TRUCK FORKLIFT (DSL)	MLT6 ROPS	X48914	3930010543831	DJT	X			X			
	TRUCK FORKLIFT (DSL)	DD IHC M-10A	T49119	3930010543833	DJU	X			X			
	TRUCK FORKLIFT (DSL)	DD MDL M4K	T49255	3930010764237	DJV	X			X			
	TRUCK FORKLIFT (DED)	DD MDL DV43	T48941	3930010823758	DJN	X			X			
	TRUCK FORKLIFT (DED)	NONE	T48944	3930011580849	DJW	X			X			
	TRUCK FORKLIFT (GAS)	NONE	NO-LIN	3930011957638	DP7	X			X			
	PI TRUCKS, FORKLIFTS, DED											
	TRK FL (GAS/ DIESEL)	RT-100	X52750	3930000384410	DNZ	X			X			
	TRK FORKLIFT (DED)	H620B	X48904	3930005030340	DXB	X			X			
	TRK FORKLIFT (DED)	NONE	T48972	3930121822667	***	X			X			
	PJ TRUCKS, STOCK SELECTOR											
	TRUCK STOCK SELEC- TOR	SS10-130S307	X56928	3930001863482	DCA	X			X			
	TRUCK STOCK SELEC- TOR	SS10-4210	X56928	3930010156526	DCC	X			X			
	PL TRUCKS, FORKLIFTS, OTHER											
	TRK FL PLTFRM (ELECT)	PCH-12E	X53161	3930009730301	DAG	X			X			
	CRANE (TRK MTD)	NONE	C38942	3950010279253	DSE	X			X			
	CRANE (TRK MTD)	NONE	C38874	3950010279254	DSA	X			X			
	PO CONVEYORS											
	CONVEYOR BELT (GAS)	PH 70	F06698	39310008179170	EZS	X			X			
	PQ RAMP DOCKS											
	RAMP LD VEH (WHL MTD)	MDS169636	R11154	3990010261575	DVG	X			X			
	RAMP LD VEH (WHL MTD)	SASYR1692	R11154	3990010590104	DVE	X			X			
	RAMP LD VEH (WHL MTD)	MDS1692366F	R11154	3990011217758	DVF	X			X			
	PR TRAILERS											
	TRAILER CABLE	NONE	NO-LIN	2330005403732	***	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	PS	TRUCKS, MATERIEL HANDLING TRUCK RIDING (ELEC)	NONE	D13522	3930010263213	***	X		X			
	PY	MISCELLANEOUS SUPPORT EQUIPMENT STAIR ACFT (TRK MTD)	TLPH252SLT	U17210	1730002950863	***	X		X			
		TRCTR WHLD ACFT (TOW)	NONE	T89053	1730011174118	UAF	X		X			
		TRCTR WHLD ACFT	M690-1B1	W88803	1740001341053	UAQ	X		X			
		HYDROSEEDER	NONE	H59601	3710012291846	***	X		X			
		TRUCK RIDING (ELEC)	NONE	D13522	3930010263213	***	X		X			
		STD MAINT ACFT PU	PN-45977- 100	U25029	4920001769236	UAM	X		X			
		TST STAND HYD	MDL 7600	W00084	4920010700871	TBW	X		X			
		SVC PLTFM (SP)	NONE	S79882	4940011050766	FSB	X		X			
		SVC PLTFM (SP)	NONE	S79882	4940011050767	FSA	X		X			
Q		SUPPORT EQUIPMENT										
	QA	BAKERY										
		BAKERY OVEN (TRLR MTD)	MO-311	B18373	7310002155260	YBD	X		X			
		BAKERY OVEN (TRLR MTD)	M-1945	B18373	7310002558068	YBF	X		X			
		BAKERY OVEN (TRLR MTD)	533-235	B18373	7310009035402	YB1	X		X			
		DOUGH OTFT (TRLR MTD)	TR-306	G40261	7320003345336	YBH	X		X			
		DOUGH OTFT (TRLR MTD)	TM-BP68	G40261	7320008808745	YB5	X		X			
	QB	GENERATORS										
		GEN ST (DSL-TRLR MTD)	PU-614/M	J51418	6115000162356	***	X		X			
		GEN ST (DSL-TRLR MTD)	PU-751 /M	G37273	6115000331373	VJW	X		X			
		GEN ST (DSL-TRLR MTD)	PU-753/M	G40744	6115000331389	VJB	X		X			
		GEN ST (GAS-TRLR MTD)	PU304C/MP04A	J41452	6115000568421	VLC	X		X			
		GEN ST (GAS-TRLR MTD)	PU-631/G	J46396	6115000595172	VJX	X		X			
		GEN ST (GAS-WHL MTD)	JHGV7.5A	J49055	6115000746396	VKA	X		X			
		GEN ST (DSL-SKID MTD)	MIL26727	J38547	6115000812030	VCB	X		X			
		GEN ST (GAS-TRLR MTD)	PU-628/G	J46258	6115000870873	VGB	X		X			
		GEN ST (GAS-TRLR MTD)	PU-626/G	J46255	6115000870972	VGQ	X		X			
		GEN ST (DSL-WHL MTD)	SP-HF15	J36040	6115000895099	VLE	X		X			
		GEN ST (DSL-TRK MTD)	PU-700M	J35629	6115001257876	VEE	X		X			
		GEN ST (DSL-TRK MTD)	PU-699/M	J35595	6115001320488	VEF	X		X			
		GEN ST (DSL-TRLR MTD)	PU-650A/G	J35629	6115002203878	VFA	X		X			
		GEN ST (DSL-TRLR MTD)	PU-650B/G	J35629	6115002581622	VEM	X		X			
		GEN ST (DSL-TRK MTD)	PU-699A/M	J35595	6115002581655	VFB	X		X			
		GEN ST (DSL-TRLR MTD)	PU-732/M	G36074	6115002603082	VLL	X		X			
		GEN ST (DSL-TRK MTD)	PU-700A/M	J35629	6115002839051	VFC	X		X			
		GEN ST (GAS-TRLR MTD)	PU-248/U	J40904	6115003560995	VC4	X		X			
		GEN ST (DSL-TRLR MTD)	PU-707A/M	J35680	6115003949573	VLM	X		X			
		GEN ST (DSL-TRLR MTD)	PU-495A/G	J35801	6115003949575	VCL	X		X			
		GEN ST (DSL-TRLR MTD)	PU-406B/M	J36383	6115003949576	VCM	X		X			
		GEN ST (DSL-TRLR MTD)	PU-405A/M	J35492	6115003949577	VCN	X		X			
		GEN ST (DSL-TRLR MTD)	PU-707/M	J35680	6115004644195	VMB	X		X			
		GEN ST (GAS-TRLR MTD)	PU-666/G	J46265	6115004859207	VHC	X		X			
		GEN ST (GAS-TRLR MTD)	PU-322/G	J41589	6115005773370	VC7	X		X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	GEN ST (GA&-TRLR MTD)	PU-332/U	J41786	6115005778471	VJH	X			X			
	GEN ST (GAS-TRLR MTD)	CE55AGWK6	J47891	6115006281243	VJQ	X			X			
	GEN ST (GAS-TRLR MTD)	PU-294/G6	J41315	6115006355614	VC9	X			X			
	GEN ST (GAS-TRLR MTD)	PU-290MR	J41178	61150063598 83	VDB	X			X			
	GEN ST (GAS-TRLR MTD)	PU-304	J41452	6115006434674	VMF	X			X			
	GEN ST (DSL-TRLR MTD)	PU-407/M	J35561	6115007023347	VES	X			X			
	GEN ST (GAS-TRLR MTD)	PU-409/M	J41897	6115007023348	VJJ	X			X			
	GEN ST (DSL-TRLR MTD)	PU-408/M	J35698	6115007090469	***	X			X			
	GEN ST (DSL-TRLR MTD)	PU-402/M	J35424	6115007223760	VCP	X			X			
	GEN ST (GAS-TRLR MTD)	PU-617/M	J46384	6115007386335	VGE	X			X			
	GEN ST (GAS-TRLR MTD)	PU-332A/G	J49809	6115007386336	VJK	X			X			
	GEN ST (GAS-TRLR MTD)	PU-618/M	J47480	6115007386337	VJL	X			X			
	GEN ST (GAS-TRLR MTD)	PU-409A/M	J47343	6115007386338	VJM	X			X			
	GEN ST (GAS-TRLR MTD)	PU-619/M	J42100	6115007386339	VJN	X			X			
	GEN ST (GAS-TRLR MTD)	PU-620/M	J47617	6115007386340	VJO	X			X			
	GEN ST (GAS-TRLR MTD)	PU-564A/G	J49946	6115007386341	VJP	X			X			
	GEN ST (DSL-TRLR MITD)	PLI-406A/M	J36383	6115007386342	VCR	X			X			
	GEN ST (GAS-TRLR MTD)	PU-375A/G	J41819	6115007532231	VMG	X			X			
	GEN ST (GAS-TRLR MTD)	PU-684/GLQ-3	J50205	6115007893655	VMQ	X			X			
	GEN ST (GAS-TRLR MTD)	PU-681 /TLQ15	J50195	6115007893656	VMR	X			X			
	GEN ST (DSL-TRLR MTD)	PU-401 /M	J35414	6115008232217	VLX	X			X			
	GEN ST (DSL-TRLR MTD)	PU-495/G	J35801	6115008232218	VCT	X			X			
	GEN ST (GAS)	ENG28V	J40698	6115008438501	***	X			X			
	GEN ST (GAS-TRLR MTD)	PU-625/G	J46252	6115008733915	VGH	X			X			
	GEN ST (DSL-TRLR MTD)	PU-551 /M	J37205	6115008891307	VEU	X			X			
	GEN ST (GAS-TRLR MTD)	PU-564/G	J50083	6115008891367	VJZ	X			X			
	GEN ST (GAS-WHL MTD)	59B2-1A	J49055	6115009034948	VKB	X			X			
	GEN ST (GAS-WHL MTD)	59B2-1B	J49055	6115009268335	VKC	X			X			
	GEN ST (GAS-TRLR MTD)	PU-375B/G	J41819	6115009316789	VL6	X			X			
	GEN ST (GAS-TRLR MTD)	PLI-629/G	J46392	6115009375555	VJV	X			X			
	GEN ST (GAS-TRLR MTD)	PU-678/M	J50185	6115009378468	VMS	X			X			
	GEN ST (DSL-TRLR MTD)	PU-405/M	J35492	6115009498409	VDP	X			X			
	GEN ST (GAS-TRLR MTD)	NONE	J51480	6115009677005	VM7	X			X			
	GEN ST (GAS-TRLR MTD)	PU-656/G	J50151	6115009893296	VMN	X			X			
	GEN ST (GAS-WHL MTD)	POLMC- 111	J49055	6115009995935	VKD	X			X			
	GEN ST (GAS)	NONE	NO-LIN	6115010282459	***	X			X			
	GEN ST (DSL)	NONE	J40208	6115010306084	***	X			X			
	GEN ST (DSL-TRLR MTD)	PU-495B/G	J35801	6115011340165	VDT	X			X			
	GEN ST (AVN GND SPT)	MEP-362A	G38140	6115011613992	***	X			X			
	GEN ST (DED-TRLR MTD)	PU-789/M	G35601	6115012089827	VIG	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115012421665	VCZ	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115012566354	VMW	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115012802300	***	X			X			
	GEN ST (DSL)	AN/MJQ-33	G78135	6115012802301	VGL	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013031484	VJ2	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013048183	VCI	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013048185	VDV	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013134283	***	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013172133	***	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	GEN ST (DSL)	NONE	NO-LIN	6115013172134	***	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013172136	***	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013172138	***	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013199032	***	X			X			
	GEN ST (DSL)	NONE	NO-LIN	6115013320741	***	X			X			
	QC COMPRESSORS											
	PNEU TOOL COMP OUT-FIT	NONE	P11866	3820009508584	FBD	X			X			
	COMP RTY (DSL-TRLRMTD)	250RPV	E72804	4310000757064	DWL	X			X			
	COMP RTY (DSL-TRLRMTD)	6M25ORPV	E72804	4310000782462	DWM	X			X			
	COMP RCP (GAS) WHL MTD	415HGP3MS1	E71023	4310000826036	ZQR	X			X			
	COMP FITY (DSL) WHL MTD	DR-600	E73352	4310001364369	DWA	X			X			
	COMP RCP (GAS) WHL MTD	12021A	E70886	4310002315513	ZPC	X			X			
	COMP RTY (DSL-TRLRMTD)	DVY 9M250	E72804	4310002483496	DWN	X			X			
	COMP RTY (DSL-TRLRMTD)	DVY 14M250	E72804	4310002569319	DWP	X			X			
	COMP RCP (GAS) WHL MTD	P4R15GJ	E70886	4310004025107	ZPD	X			X			
	COMP RTY (DSL-TRLRMTD)	RMS250	E72804	4310004713075	DWF	X			X			
	COMP UT RTY (DSL)	NONE	E74500	4310004983791	***	X			X			
	COMP UT RTY (GAS)	NONE	E74529	4310004983792	***	X			X			
	COMP RTY (DSL) WHL MTD	DR-600	E73352	4310005422525	DWE	X			X			
	COMP PITY (GAS) TRK MTD	J21 0-FED	E73489	4310005425928	DWQ	X			X			
	COMP RTY (DSL) WHL MTD	ENG 600	E73352	4310006204056	DWC	X			X			
	COMP RCP (GAS) WHL MTD	15HGP5MS1	E70886	4310006243212	ZQ7	X			X			
	COMP RCP (GAS) WHL MTD	P-4	E71023	4310006796917	ZRG	X			X			
	COMP RTY (GAS) TRK-MTD	21OGDMS1	E73489	4310006798697	DWR	X			X			
	COMP RTY (SKID-MTD)	125GC40MS3	E72393	4310006910877	ZQA	X			X			
	COMP RTY (GAS) TRLR MTD	BM452 EN	E70338	4310007332217	ZRK	X			X			
	COMP RTY (GAS) TRLR-MTD	210 CFM	E72667	4310007973417	DWH	X			X			
	COMP RTY (GAS) TRLR-MTD	BGR-5M-1	E70338	4310008521745-	ZPL	X			X			
	COMP PITY (DSL) WHL MTD	2016	E73352	4310008781905	DWD	X			X			
	COMP RTY (DSL-TRLRMTD)	250DC MS-1	E72804	4310009527142	DWS	X			X			
	COMP RTY (PWR DRVN)	NONE	NO-LIN	4310009845741	***	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	COMP RTY (DED)	450 CFM	E74508	4310010229895	DWU	X			X			
	COMP RTY (DED)	900CFM	NO-LIN	4310010265543	***	X			X			
	COMP RTY (DSL) WHL MTD	750DP	C72872	4310010533891	DWJ	X			X			
	COMP UT RTY	NONE	NO-LIN	4310010546647	***	X			X			
	COMP RTY (GAS)	15 CFM	E70338	4310010696935	ZPZ	X			X			
	TRLR-MTD											
	COMP RCP (GAS) WHL MTD	15CFM100DIS	E70886	4310010705615	ZP3	X			X			
	COMP RTY (DSL-TRLRMTD)	18M250	E72804	4310010794805	DWK	X			X			
	COMP UT RTY (DSL)	D1252P	E74500	4310010845419	***	X			X			
	COMP UT RCP (GAS) WHLMT	KA1 5-03-P	E70886	4310010874314	ZQD	X			X			
	COMP RTY (DSL-TRLRMTD)	P250WDMH268	E72804	4310011583262	DWT	X			X			
	COMP RTY	NONE	NO-LIN	4310012034764	***	X			X			
	COMP RTY (DED-WHL MTD)	750CFM	C67394	4310012912990	***	X			X			
	QD PUMPS											
	PUMP ASSY FLAMBL LIQ	US36ACG	P96845	4320004072583	ZC9	X			X			
	PUMP	KN6HS	P94359	4320004409808	ZJS	X			X			
	CENTR-GAS-WHLMTD											
	PUMP	US90CCG1	P94359	4320004901859	ZHC	X			X			
	CENTR-GAS-WHLMTD											
	PUMPREC	NONE	NO-LIN	4320006135759	***	X			X			
	PUMP ASSY FLAMBL LIQ	G-R04A1 2	P97051	4320006911071	ZCM	X			X			
	PUMP	CARVER 400S	P94222	4320008107311	ZHG	X			X			
	CENTR-GAS-WHLMTD											
	PUMP ASSY FLAMBL LIQ	84C15-4A084	P96845	4320009169172	ZCR	X			X			
	PUMP	600GPM	P94290	4320009351619	ZHM	X			X			
	CENTR-GAS-WHLMTD											
	PUMP ASSY FLAMBL. LIQ	ADC 1500	P97051	4320010923551	ZC4	X			X			
	PUMP CENTR	NONE	NO-LIN	4320011281836	ZHT	X			X			
	PUMP ASSY FLAMBL LIQ	NONE	P97119	4320011415154	ZDH	X			X			
	PUMP CENTR DED SKD MT	NONE	P35886	4320011813984	Z06	X			X			
	PUMP ASSY FLAMBL LIQ	LPP-TM	P97051	4320012157671	ZDR	X			X			
	PUMP ASSY FLAMBL LIQ	W-8646	P97051	4320012464398	ZDS	X			X			
	PUMP ASSY FLAMBL LIQ	LC350GPM	P97051	4320012595965	ZDT	X			X			
	PUMP ASSY FLAMBL LIQ	NONE	NO-LIN	4320013377538	***	X			X			
	TANK PUMP UNIT	E7130	V12141	4930011307281	ZBH	X			X			
	QE LAUNDRY UNITS											
	LNDRY UNIT (TRLR MTD)	60 LB CAP	L48315	3510001694735	ZKC	X			X			
	LNDRY UNIT (TRLR MTD)	ELT9T	L48315	3510007825294	ZKF	X			X			
	LNDRY UNIT (TRLR MTD)	NONE	NO-LIN	3510011976742	***	X			X			
	LNDRY UNIT	NONE	NO-LIN	3510012229301	***	X			X			
	LNDRY UNIT (TRLR MTD)	M85-100	NO-LIN	3510012918169	***	X			X			
	QF AIR CONDITIONERS											
	AIR COND (TRLR MTD)	A60	A26373	4120008070669	VV2	X			X			
	AIR COND (TRLR MTD)	A60	A26510	4120008070670	VV3	X			X			
	AIR COND (TRLR MTD)	36/60000BTU	A26715	4120009261204	VVA	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	AIR COND (TRLR MTD)	208V	A26271	4120009305700	VTF	X			X			
	QG WELDING MACHINES											
	WLD MACH MLR	33A/B/SP	Y47707	3431000676742	2A7	X			X			
	WLD MACH ARC	GR-202-S	Y45652	3431002489327	***	X			X			
	WLD SHOP (TRLR MTD)	NONE	Y48255	3431002875404	2AD	X			X			
	WLD MACH ARC	NONE	Y47783	3431004986256	***	X			X			
	WLD SHOP (TRLR MTD)	NONE	Y48323	3431009357821	2AE	X			X			
	WLD MACH (SKID MTD)	NONE	W47364	3431010798439	2AA	X			X			
	WLD SHOP (TRLR MTD)	NONE	W48391	3431010901231	2AB	X			X			
	WLD GEN	NONE	NO-LIN	3431011918889	***	X			X			
	QH LUBRICATING AND SERVICING UNITS											
	LUB SVC UT (TRLR MTD)	901765-1	L85283	4930000179167	ZAA	X			X			
	LUB SVC UT (TRLR MTD)	NONE	NO-LIN	4930005422336	***	X			X			
	LUB SVC UT (TRLR MTD)	ENG-2	L85146	4930005424766	ZAM	X			X			
	LUB SVC UT (TRLR MTD)	ENG-2	L85146	4930005424767	ZAQ	X			X			
	LUB SVC UT (TRLR MTD)	MTENG3A	L85283	4930005482766	ZAP	X			X			
	LUB SVC UT(TRLR MTD)	ENG-2	L85146	4930008113533	ZAW	X			X			
	LUB UNIT	NONE	NO-LIN	4930008428315	***	X			X			
	LUB SVC UT(TRLR MTD)	251-3257	L85283	49300085.77160	ZAX	X			X			
	LUB SVC UT (TRLR MTD)	251-437	L85283	4930008925067	ZAS	X			X			
	SVC UNIT	NONE	NO-LIN	4930008928315	***	X			X			
	LUB SVC UT(TRLR MTD)	ENG 3	L85283	4930009354451	ZBF	X			X			
	LUB SVC UT (GAS)	NONE	NO-LIN	4930010121032	***	X			X			
	LUB SVC UT(AIR)	NONE	NO-LIN	4930010121034	***	X			X			
	LUB SVC UT	NONE	NO-LIN	4930012300781	***	X			X			
	QI LIQUID OXYGEN CONVERTERS											
	CON- V-STOR-CHARG-UNIT	E46750	F00355	3655000627911	V3A	X			X			
	QJ WATER PURIFICATION UNITS											
	WTR PURIF EQUIP SET	NONE	Y35486	4610002026925	ZIB	X			X			
	WTR PURIF EQUIP SET	TRK MTD	Y36034	4610002028701	ZIC	X			X			
	WTR PURIF EQUIP	TRLR MTD	Y35212	4610005404024	ZI6	X			X			
	WTR PURIF EQUIP SET	NONE	W35417	4610010268980	ZIP	X			X			
	WTR PURIF EQUIP	TRLR MTD	NO-LIN	4610010932380	ZII	X			X			
	WTR PURIF EQUIP	NONE	NO-LIN	4610012342190	***	X			X			
	WTR PURIF EQUIP	NONE	NO-LIN	4610013416289	***	X			X			
	QK GENERATING/CHARGING PLANTS											
	GEN CHG PLANT	CMST	NO-LIN	3655004538980	V3E	X			X			
	QM CHEMICAL PROTECTION											
	DECON APPR (SKID MTD)	M12A1	F81880	4230009269488	5FB	X			X			
	SHELTER SYSTEM	M51	T00474	4240008544144	5GA	X			X			
	WTR PRETMT DECON SET	C/B AGENTS	Y35109	4610008800278	ZJE	X			X			
	QN LIGHTING EQUIPMENT											
	FLOOD LIGHT TELE-SCOPE	OG4-2T	H79426	6230001791482	UAV	X			X			
	FLOOD LIGHT TELE-SCOPE	OG4-2TMA	H79426	6230001812498	UAW	X			X			
	FLOOD LIGHT ST-TRL MTD	LT5060D	F79334	6230003835537	YXW	X			X			
	FLOOD LIGHT SET	TRLR MTD	F79334	623001056538	YXT	X			X			
	QP POWER PLANTS/UNITS											

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	POWER PLANT (ELECT)	AN/MJQ-16	P41832	6115000331 395	VJC	X			X			
	POWER PLANT (ELECT)	AN/MJQ-18	P28015	6115000331398	VJD	X			X			
	POWER PLANT (ELECT)	AN/MJQ-10	P27819	6115000567906	VDA	X			X			
	POWER PLANT (ELECT)	AN/MJQ-11	P27821	6115001348485	VCQ	X			X			
	POWER PLAT (ELECT)	AN/MJQ-12A	P27823	6115002571602	VEL	X			X			
	POWER PLANT (ELECT)	AN/MJQ-10A	P27819	6115003949582	VCO	X			X			
	POWER PLANT (ELECT)	NONE	NO-LIN	6115003949583	VEN	X			X			
	POWER PLANT (ELECT)	AN/MJQ-15	P28075	6115004007591	VLO	X			X			
	POWER PLANT (ELECT)	AN/MJQ-5	P27800	6115009517442	VEX	X			X			
	PWR PLT	AN/MJQ-21	P27887	6115010569000	VIH	X	X		X			
	ELECT-PATRIOT											
	PWR PLT	AN/MJQ-24	P42114	6115011022524	VIC	X	X		X			
	ELECT-PATRIOT											
	POWER PLANT (ELECT)	AN/MJQ-25	P42364	6115011537742	VMP	X			X			
	POWER PLANT	AN/MJO-40	NO-LIN	6115012996033	***	X			X			
	POWER PLANT	AN/MJO-39	NO-LIN	6115012996034	***	X			X			
	POWER PLANT	AN/MJQ-37	NO-LIN	6115012996035	***	X			X			
	POWER PLANT (ELECT)	AN/MJQ-41	NO-LIN	6115013037896	***	X			X			
	POWER PLANT (ELECT)	AN/MJQ-38	NO-LIN	6115013134214	***	X			X			
	POWER PLANT (ELECT)	AN/MJQ-36	NO-LIN	6115013134215	***	X			X			
	POWER PLANT (ELECT)	AN/MJQ-35	NO-LIN	6115013134216	***	X			X			
	POWER PLANT (ELECT)	AN/MJQ-42	NO-LIN	6115013228583	***	X			X			
	QQ REPRODUCTION EQUIPMENT											
	PRESS SEC REPRO	STRLR MTD	P50154	3610003444705	YEP	X			X			
	PRINT PLT (STLR MTD)	NONE	P61528	3610008893262	YDR	X			X			
	QR TOPOGRAPHIC/MEASURING/SURVEYING/MAPPING											
	TOPO REPRODUCTION	PRESS SECT	P50154	3610003444705	YEP	X			X			
	SET											
	TOPO REPRODUCTION	MAP LAYOUT	M08138	3610010226633	YF6	X			X			
	SET											
	TOPO REPRODUCTION	PHOTO MECH	P32316	3610010226635	YF7	X			X			
	SET											
	SUR CONSEC (TRK MTD)	NONE	U68809	6675006498273	YJH	X			X			
	TOPO SPT ST (STLR	RECT II	T05749	6675011055759	YTU	X			X			
	MTD)											
	TOPO SPT ST (STLR	COLL SECT	T02041	6675011055760	YT7	X			X			
	MTD)											
	TOPO SPT ST (STLR	INFO SECT	T03673	6675011055762	YT9	X			X			
	MTD)											
	TOPO SPT ST (STLR	MOS/ DRAF	T08523	6675011066815	YTV	X			X			
	MTD)											
	QS REPAIR SHOP EQUIPMENT											
	SHOP EQ GEN PURP	NONE	S31232	2320012098823	2MA	X			X	X		X
	(EOD)											
	SHOP EQ GEN PURPOSE	EOD	S31232	2320012098823	2MA	X			X	X		X
	PLTFM LIFT (WHL MTD)	SISSORS TYPE ELEC	P05757	4910010957504	FSJ	X			X			
	INST RPR SHOP TRK	M185A3	K90188	4940000771638	BMW	X			X		X	X
	MTD											
	SHOP EQ ELECT RPR	SEER-1968	T10412	4940001598846	2CA	X			X			
	SHOP EQ ELEC REPAIR	SER-1968	T10275	4940001598847	2CB	X			X			
	SHOP EQ ORG REP	SOUTH WEST	T13152	4940001642719	2CC	X			X	X		X
	SHOP EQ CONT MAINT	CMU-5	T10138	4940001654019	2CD	X			X	X		X

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	SHOP EQ ELEC REPAIR	SER-1 961	T10275	4940001654020	2CE	X		X				
	SHOP EQ GEN PURP RPR	SGPRSM-68	T10549	4940001654021	2CF	X		X				
	SHOP EQ ORG REP	ENG-40	T13152	4940001654022	2CG	X		X	X			X
	SHOP EQ ORG REP	MEDL-1956	T13152	4940001654023	2CH	X		X	X			X
	SHOP EQ GEN PURO RPR	ENG-43-59	T10549	4940001654024	2CJ	X		X				
	SHOP EQ CONT MAINT	CMU-6	T10138	4940001654025	2CK	X		X	X			X
	SHOP EQ CONT MAINT	SECM- 1960	T10138	4940001654026	2CL	X		X	X			X
	SHOP EQ ELECT REPAIR	FS-VAN-1959	T10275	4940001693036	2CM	X		X				
	SHOP EQ ELEC REPAIR	FS-VAN-15777	T1 0275	4940001693037	2CN	X		X				
	SHOP EQ ELECT RPR	SEER- 1963	T10412	4940001693038	2CP	X		X				
	SHOP EQ ORG REP	SMGPR-61	T13152	4940001693039	2CQ	X		X	X			X
	SHOP EQUIP ORG REP	SEORL-66	T13152	4940001693041	2CS	X		X	X			X
	SHOP EQ CONT MAINT	CMU-3	T10138	4940001693042	2CT	X		X	X			X
	ELECT SHOP (STR LR MTR)	AN/ASM-190A	H01857	4940001776835	JFB	X		X				
	SHOP EQ CONT MAINT	993	T10138	4940001957712	2CU	X		X	X			X
	SHOP EQ CONT REP	NONE	T10180	4940002096219	2HL	X		X	X			X
	ELECT SHOP (STR LR MTD)	AN/ASM-189A	H01855	4940002346114	JFC	X		X				
	SHOP EQ GEN PURP RPR	MILS45538	T10549	4940002874894	2CV	X		X				
	SHOP EQ ORG REP	MILS45537	T13152	4940002949516	2CW	X		X	X			X
	SHOP EQ ELEC REPAIR	MILS52330	T10275	4940002949517	2DA	X		X				
	SHOP EQ CONT MAINT	MILS45855	T10138	4940002949518	2CX	X		X	X			X
	SHOP EQ ELECT RPR	MILS52377	T10412	4940002949542	2CY	X		X				
	SHOP EQ CONT MAINT	AVNC6217	T10138	4940004950118	2CZ	X		X	X			X
	SHOP EQ GEN PURP RPR	MED-1952	T10549	4940004976412	2C2	X		X				
	SHOP EQ GEN PURP RPR	SGPRSM-61	T10549	4940004976413	2C3	X		X				
	ELECT SHOP (STR LR MTD)	AN/ASM-189	H01855	4940008778730	JFG	X		X				
	ELECT SHOP (STR LR MTD)	AN/ASM-190	H01857	4940009650317	JFJ	X		X				
	INST RPR SHOP TRK MTD	M185A1	K90188	4940009733995	BNA	X		X				
	INST RPR SHOP TRK MTD	M185A2	K90188	4940009878799	BM8	X		X		X		X
	TRLR UTILITY	GPC28AF	NO-LIN	4940009973172	***	X		X				
	SHOP EQ GEN PURP RPR	SGPRSM D	T10549	4940010063229	2C4	X		X				
	SHOP EQ CONT MAINT	SECM-1975	T10138	4940010162262	2C5	X		X	X			X
	SHOP EQ ELEC; REPAIR	SER-1976	T10275	4940010225322	2C6	X		X				
	SHOP EQ ORG REP	SEORL- 118	T13152	4940010282672	2C7	X		X	X			X
	SHOP EQ ELEC REPAIR	S/EQ	T10275	4940010964475	2C8	X		X				
	SHOP EQ ELECT RPR	NONE	T10412	4940011107422	2C9	X		X				
	SHOP EQ GEN PURPOSE	ENG	S30914	4940012098824	2MB	X		X	X			X
	SHOP EQ GEN PURPOSE	ORD	S30982	4940012098825	2MC	X		X	X			X
	SHOP EQ	NONE	000000	4940012119938	***	X		X	X			X
	SHOP EQ ELECT RPR	NONE	NO-LIN	4940012342322	***	X		X				
	SHOP EQ ORG APR	SEORTM	T13152	4940012360166	2FN	X		X	X			X
	QU FIRE FIGHTING EQUIPMENT											
	TRUCK FF	750	X44735	4210001067432	ZMA	X		X	X			X
	TRUCK FF	750W	X44735	4210001067433	ZMB	X		X	X			X
	TRUCK FF	0814	X44735	4210001501426	ZMC	X		X	X			X

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRUCK FF	M44WLF	X44941	4210002259127	ZME	X			X	X		X
	TRUCK FF	1000GPM	X44735	4210002366260	ZMO	X			X	X		X
	TRUCK FF	FT500	X44941	4210004490431	ZMF	X			X	X		X
	TRUCK FF	M45A2	X44941	4210009283515	ZMG	X			X	X		X
	TRUCK FF	530B	NO-LIN	4210009498528	***	X			X	X		X
	QV SPECIAL SHOP EQUIPMENT											
	SHOP EQ WW BASE MAINT	NONE	T16988	3220002708630	YXA	X			X			
	CLOTHING RPR SHOP	NONE	NO-LIN	3530008192007	YAA	X			X			
	TEXTILE RPR SHOP	NONE	NO-LIN	3530008162008	***	X			X			
	TEXTILE RPR SHOP	NONE	NO-LIN	3530008800595	***	X			X			
	CLOTHING RPR SHOP	NONE	NO-LIN	3530009998577	YAB	X			X			
	CLOTHING RPR SHOP	D870068OLP	E40961	3530010152220	YAI	X			X			
	CLOTHING RPR SHOP	8700337LP	E40961	3530010179124	YAM	X			X			
	CLOTHING RPR SHOP	T2WC51 LIP	E40961	3530010330851	YAN	X			X			
	CLOTHING RPR SHOP	NONE	NO-LIN	3530010597076	***	X			X			
	CLOTHING RPR SHOP	NA-79	E40961	3530010753503	YAC	X			X			
	CLOTHING RPR SHOP	NONE	NO-LIN	3530011333494	YAD	X			X			
	PRES/PACK EQUIP SET	NONE	P46938	3540002939180	YXD	X			X			
	SCREW MACHINE	NONE	NO-LIN	4310000885342	***	X			X			
	SHOP SET ACFT MAINT	A-2	T21372	4920006212033	UB4	X			X			
	SHOP SET ACFT MAINT	B-1	T21509	4920006212034	UB5	X			X			
	SHOP SET ACFT MAINT	B-2 (ELECT)	T21646	4920006212035	UB6	X			X			
	SHOP SET ACFT MAINT	B-3	T21783	4920006212036	UB7	X			X			
	SHOP SET ACFT MAINT	B-4	T21920	4920006212037	UB8	X			X			
	SHOP SET ACFT MAINT	B-6	T23564	4920006212038	UB9	X			X			
	SHOP SET ACFT MAINT	C-1	T22194	4920006212039	UCA	X			X			
	SHOP SET ACFT MAINT	C-2	T22331	4920006212040	UCB	X			X			
	SHOP SET ACFT MAINT	C-3	T22468	4920006212041	UCC	X			X			
	SHOP SET ACFT MAINT	C-4	T22605	4920006212042	UCD	X			X			
	SHOP SET ACFT MAINT	C-5	T22742	4920006212043	UCE	X			X			
	SHOP SET ACFT MAINT	C-6	T22879	4920006212044	UCF	X			X			
	SHOP SET ACFT MAINT	C-7	T23016	4920006212045	UCG	X			X			
	SHOP SET ACFT MAINT	C-8	T23153	4920006212046	UCH	X			X			
	SHOP SET ACFT MAINT	C-10	T23701	4920006212047	UCJ	X			X			
	SHOP SET ACFT MAINT	C-9	T23290	4920006496509	UCK	X			X			
	SHOP SET ACFT MAINT	C-11	T23427	4920006496510	UCL	X			X			
	SHOP SET ACFT MAINT	C-8	T22057	4920006497098	UCM	X			X			
	RADAR ANT RPR (TRKMTD)	VADS	Q13633	4931004357746	3VA	X			X			
	SHOP EQUIP	AN/TSM-42	NO-LIN	4935000876561	***				X			
	SHOP EQUIP	AN/MSM-43	NO-LIN	4935004745272	***	X			X			
	SHOP EQUIP	AN/MSM-43	NO-LIN	4935008060922	***	X			X			
	SHOP EQUIP	AN/TSM-42	NO-LIN	4935009694080	***				X			
	SUB STATION (STRLLR MTD)	950-2200A	U56519	6120004221047	VFD	X			X			
	QW DETECTION EQUIPMENT											
	DETECTING SET MINE	4135000	G02341	6665001810369	YPD				X			
	DETECTING SET MINE	WURL232	G02478	6665008219020	***	X			X			
	DETECTING SET MINE	TM P1 70	G02478	6665008794087	***	X			X			
	DETECTING SET MINE	WURL324	G02478	6665009121846	***	X			X			
	DETECTOR SET	AN/PRS-8	G02204	6665010799522	YPH				X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	QY MISCELLANEOUS											
	TRANS AIRMOBILE HYD LF	17-502	X23227	1740009011870	UAL	X			X			
	TRANS AIRMOBILE HYD LF	400OA2	X23227	1740009023132	UA8	X			X			
	TRANS AIRMOBILE HYD LF	NONE	NO-LIN	1740010650571	***	X			X			
	TRANS AIRMOBILE HYD LF	NONE	NO-LIN	1740011335671	***	X			X			
	MANIFOLD SERVICE UNIT	NONE	NO-LIN	4220010050704	***	X			X			
	MANIFOLD SERVICE UNIT	NONE	NO-LIN	4220010053276	***	X			X			
	PROVER TK (TRL/ TRKMTD)	NONE	P83026	6680011315110	***	X			X			
	QZ TOOLS & TEST EQUIP/TRAINING AIDS/DEVICES											
	TOOL OUTFIT HY SYS	NONE	T30377	4940010365784	2DD	X			X			
R	AMMO AND AMMO EQUIP											
	RZ TOOLS & TEST EQUIP/TRAINING AIDS/DEVICES											
S	CARTRIDGE SUBCALIBER AMMO TNG		C34386	6920012935689	***		X					
	INSTALLATIONS DEPOT PECULIAR SVC EQUIP											
	SY LAWN MOWER/SNOW REMOVAL/GROUND MAINT, ETC											
	LAWN RTR (SP-RIDING)	NONE	M79603	3750000612815	***	X			X			
	MOWER TFICH RIDING	7RLHYD	M79706	3750002365199	***	X			X			
	LAWN MOWER RIDING	NONE	NO-LIN	3750002517357	***	X			X			
	MOWER LAWN TURF	NONE	M19576	3750005015698	***	X			X			
	MOWER RTR (TRCTR TOW)	NONE	M55859	3750005554639	***	X			X			
	MOWER LWN (TRCTR PRO)	M79640	M79640	3750007297030	***	X			X			
	MOWER ATT (TFICTR TOW)	NONE	M79671	3750008281462	***	X			X			
	MOWER ATT (TRCTR TOW)	741 CORS	M79400	3750010047848	***	X			X			
	LAWN MOWER RIDING	721N CUT	M79535	3750010152249	***	X			X			
	LAWN MOWER RIDING	761N CUT	M79661	3750010191563	***	X			X			
	LAWN MOWER	NONE	NO-LIN	3750011656768	***	X			X			
	SNOW REMVL UT (TRKMTD)	NONE	T87602	3825000182121	FRD	X			X			
	SNOWPLW (TRK MTD)	NONE	T88838	3825004087361	FRM	X			X			
	SNOWPLW (TRK MTD)	NONE	T88821	3825004090090	FRL	X			X			
	SNOW REMVLUT	NONE	NO-LIN	3825005423209	***	X			X			
	SNOW REMVL UT (TRKMTD)	S-349V	T87568	3825008107074	EF3	X			X			
	SNOW BLOWER (TRCT ATT)	NONE	T86994	3825010146282	***	X			X			
W	FURNITURE AND APPLIANCES											
	WT KITCHEN EQUIPMENT											
	GRILL CHAR (MOBILE)	NONE	C27075	731000140502	***	X			X			
	KITCHEN FLD (TRLR MTD)	NONE	L28351	7360001387782	YBC	X			X			
	KITCHEN FLD	MFK75A	L28351	7360010920470	YBL	X			X			
	KITCHEN FLD (TRLR MTD)	MKT-82	L28351	7360011556020	YBM	X			X			

Table E-2
Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	KITCHEN FLD TRLR	MKT-85	L28351	7360012141176	YBT	X			X			
	KITCHEN FLD	MKT-90	L28351	7360013132238	***	X			X			

Table E-3
Identification of required forms for railway

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
M	RAILWAY EQUIPMENT											
	MA RAILWAY CARS											
	RY CAR BOX WOOD 30T	Q98454	Q98454	2220001420200	XD5				X			
	RY CAR BOX 30T	Q98591	Q98591	2220002620753	XCE				X			
	RY CAR BOX 50T	Q98728	Q98728	2220002641826	XEV				X			
	RY CAR BOX 40T	Q98728	Q98728	2220007287306	XGN				X			
	RY CAR BOX 40T	Q98728	Q98728	2220003770228	XFG				X			
	RY CAR BOX AMMO 50T	Q98796	Q98796	2220007277112	XGM				X			
	RY CAR BOX 50T	Q98815	Q98815	2220004833837	XFM				X			
	RY CAR BOX 70T	Q98825	Q98825	2220005978727	XGE				X			
	RY CAR CABOOSE 50T	Q99037	Q99037	2220000072176	***				X			
	RY CAR CABOOSE 50T	Q99037	Q99037	2220010270385	***				X			
	RY CAR FLAT 30T	Q99276	Q99276	2220006600938	XGI				X			
	RY CAR FLAT PASS 100T	Q90413	Q90413	2220002638936	XEU				X			
	RY CAR FLAT FRT 100T	Q99550	Q99550	2220005408830	XF2				X			
	RY CAR FLAT FRT 150T	Q99550	Q99550	2220002878130	XE4				X			
	RY CAR FLAT FRT 200T	Q99550	Q99550	2220003519814	XFE				X			
	RY CAR FLAT FRT 100T	Q99550	Q99550	2220002638935	XET				X			
	RY CAR FLAT 40T	Q99687	Q99687	2220005929832	XGD				X			
	RY CAR FLAT 50T	Q99687	Q99687	2220002615861	XEC				X			
	RY CAR FLAT FRT 80T	Q99824	Q99824	2220002638846	XCQ				X			
	RY CAR FLAT FRT 80T	Q99824	Q99824	2220002878899	XE5				X			
	RY CAR FLAT 40T	R00098	R00098	2220002618048	XCB				X			
	RY CAR FLAT 80T	R00235	R00235	2220005540453	XC7				X			
	RY CAR FLAT 70T	R00372	R00372	2220002942469	XFA				X			
	RY CAR FLAT 140T	R00406	R00406	2220001029674	XDT				X			
	RY CAR FLAT 150T	R00432	R00432	2220003917004	***				X			
	RY CAR FLAT WELL 90T	R00458	R00458	2220002114324	XD8				X			
	RY CAR FLAT WELL 135T	R00484	R00484	2220003574924	XFD				X			
	RY CAR GONDOLA 50T	R00646	R00646	2220002620755	XEM				X			
	RY CAR GONDOLA 40T	R00646	R00646	2220005926648	XGC				X			
	RY CAR GONDOLA 40T	R00783	R00783	2220002878507	XCG				X			
	RY CAR GONDOLA 50T	R01057	R01057	2220002621372	XEP				X			
	RY CAR GONDOLA 40T	R01194	R01194	2220002992866	XCH				X			
	RY CAR GONDOLA 40T	R01194	R01194	2220008030954	XGQ				X			
	RY CAR GUARD	R01331	R01331	2220008981755	XCX				X			
	RY CAR HOPPER 50T	R01468	R01468	2220001538893	XCF				X			
	RY CAR HOPPER 70T	R01468	R01468	2220005420215	XF4				X			
	RY CAR HOPPER 100T	R01468	R01468	2220012373718	XD1				X			
	RY CAR TROOP HOSP	R01605	R01605	2220002620006	XEK				X			
	RY CAR MP GUARD	R02165	R02165	2220010343076	XG7				X			
	RY CAR SIDE DUMP	R02701	R02701	2220002614841	XEB				X			
	RY CAR SPOTTER	R02838	R02838	2210001420230	XD6				X			
	RY CAR SPOTTER	R02838	R02838	2210005433289	XF5				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002701355	XEX				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002992857	XFB				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002623981	XER				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002629980	XEQ				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002619999	XEG				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002619998	XEF				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002619997	XEE				X			
	RY CAR TANK (CHEM)	R02975	R02975	2220002618630	XED				X			

Table E-3
Identification of required forms for railway—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	RY CAR TANK (CHEM)	R02975	R02975	2220005346142	XFZ							X
	RY CAR TANK (CHEM)	R02975	R02975	2220005336940	XFV							X
	RY CAR TANK (CHEM)	R02975	R02975	2220005299090	XFR							X
	RY CAR TANK (CHEM)	R02975	R02975	2220004613593	XFL							X
	RY CAR TANK PETRO- LEUM	R03386	R03386	2220002620752	XCD							X
	RY CAR TANK PETRO- LEUM	R03386	R03386	2220006164902	XGF							X
	RY CAR TANK POL 103W	R03523	R03523	2220002620004	XEJ							X
	RY CAR TANK POL ARA07	R03523	R03523	2220005756551	XGB							X
	RY CAR TANK POL	R03523	R03523	2220002620003	XEH							X
	RY CAR TANK POL	R03523	R03523	2220005336484	XFS							X
	USG-A											
	RY CAR TANK POL 20000	R03553	R03553	2220005332740	***							X
	RY CAR TANK S/A20000	R03591	R03591	2220009307001	XGZ							X
	RY CAR TANK WATER	R03660	R03660	2220005542724	XF8							X
	RY CAR FLAT 140T	R99755	R99755	2220010586377	XG8							X
	MB RAILWAY CARS											
	RY MAINT CAR	NO-LIN	NO-LIN	2230002701363	***							X
	RY MAINT CAR	NO-LIN	NO-LIN	2230002701362	***							X
	RY CAR TRL MNT MULT	R03797	R03797	2230001649583	***							X
	RY CAR MAINT (TRLR)	R04482	R04482	2230002620758	XFI							X
	RY MTR CAR MNT 8-MAN	R05578	R05578	2230002620766	XDO							X
	RY MTR CAR MNT 2-MAN	R07085	R07085	2230002620759	***							X
	RY MTR CAR MNT 28-MAN	R07359	R07359	2230002880319	XE9							X
	RY MTR CAR MNT 4-MAN	R07496	R07496	2230002620761	XDC							X
	RY MTR CAR MNT 4-MAN	R07633	R07633	2230002620762	XDD							X
	RY MTR CAR MNT 8-MAN	R07770	R07770	2230010462814	***							X
	RY MTR CAR MNT 10-MAN	R07770	R07770	223000926105a	***							X
	RY MTR CAR MNT 8-MAN	R07770	R07770	2230011327915	***							X
	RY MTR CAR MNT 8-MAN	R07770	R07770	2230002620763	XEI							X
	LOCO DIESEL 5T DFS	L79673	L79673	2210007732510	XGP							X
	LOCO DIESEL 10T DS	L80221	L80221	2210008255050	XC8							X
	LOCO DIESEL 100-120T	L80358	L80358	2210008199320	XCU							X
	LOCO DIESEL 100-120T	L80358	L80358	2210001128508	XCA							X
	LOCO DIESEL 100-120T	L80358	L80358	2210003717535	XCI							X
	LOCO DIESEL 25-45T	L80495	L80495	2210008211135	XCW							X
	LOCO DIESEL 25-45T	L80495	L80495	2210008043610	XCL							X
	LOCO DIESEL 25-45T	L80495	L80495	2210005299038	XCJ							X
	LOCO DIESEL 60T DFS	L80632	L80632	2210011582978	XCX							X
	LOCO DIESEL 60T DFS	L80632	L80632	2210008199318	XCS							X
	LOCO DIESEL 65T DFS	L80678	L80678	2210008199319	XCT							X
	LOCO DIESEL 80T DFS	L80724	L80724	2210008205451	XCV							X
	LOCO DIESEL 80T DFS	L80724	L80724	2210008043615	XCN							X
	LOCO DIESEL 80T DFS	L80724	L80724	2210011582980	XC3							X
	LOCO DIESEL 80T DFS	L80724	L80724	2210008043614	XCM							X
	LOCO DIESEL 120-131T	L80769	L80769	2210008199317	XCR							X
	LOCO DIESEL 120-131T	L80769	L80769	2210011193433	XOD							X
	LOCO DIESEL 120-131T	L80769	L80769	2210008153521	XCP							X

Table E-3
Identification of required forms for railway—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REQ	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	LOCO DIESEL	120-131T	L80769	L80769	2210002620751	XCC						X
	LOCO DIESEL	120-131T	L80769	L80769	2210008145291	XCO						X
	LOCO DIESEL	120-131T	L80769	L80769	2210005540785	XCK						X
	LOCO DIESEL		NO-LIN	NO-LIN	2210002878901	XE6						X
	LOCO DIESEL		NO-LIN	NO-LIN	2210001128510	***						X
	LOCO DIESEL		NO-LIN	NO-LIN	2210013239175	***						X
	MD RAILWAY CRANES											
	CRANE (MULTIPURPOSE)											X
	CRANE GANTRY	50T	F36756	F36756	3950010907712	EQA						X
	CRANE LOCO	25T DFS	F37186	F37186	2230008099862	XDF						X
	CRANE LOCO	25T DFS	F37186	F37186	2230001749130	XDA						X
	CRANE LOCO	25T DFS	F37186	F37186	2230008099865	XGR						X
	CRANE LOCO	25T DFS	F37816	F37186	2230008099863	XDG						X
	CRANE LOCO	40T DFS	F37460	F37460	2230009396649	XC9						X
	CRANE LOCO	40T FS	F37460	F37460	2230005542728	XDE						X
	CRANE LOCO	150T DS	F38008	F38008	2230006240180	XGH						X
	CRANE LOCO	40T DS	NO-LIN	NO-LIN	2230001749131	XD7						X
	ME MISCELLANEOUS											
	BALLAST REGULATOR		B22967	B22967	2230001101894	XDU						X
	TRL MNT RPR RAIL CA		T33619	T33619	2230013043005	***						X
	SNOWPLOW RY (CAR MTD)		T88479	T88479	2230005299039	XFQ						X

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
V	NON-TACTICAL WHEELED VEHICLES											
	VB TRUCKS, DUMP											
	TRK DUMP (QUARRY)	T43273	T43273	2320012770244	***	X			X			
	TRK DUMP (SLUDGE CONV)	T43716	T43716	2320011459095	FYC	X			X			
	TRK DUMP (FLAT BED)	T45244	T45244	2320011162966	FX4	X			X	X		
	TRK DUMP (1-2CY-4X4)	X43447	X43447	2320010909533	FWJ	X			X	X		
	TRK DUMP (1CY-4X2)	X43561	X43561	2320010919062	FXS	X			X	X		
	TRK DUMP (2-4CY-4X2)	X43563	X43563	2320010911682	FXE	X			X	X		
	TRK DUMP (3-5CY-4X2)	X43564	X43564	2320010909532	FWH	X			X	X		
	TRK DUMP (3-5CY-04)	X43565	X43565	2320010911681	FXD	X			X	X		
	TRK DUMP (4-1/2T-4X2)	X43571	X43571	2320010907818	FMH	X			X	X		
	TRK DUMP (5-1/2T-4X2)	X43571	X43571	2320010907815	FMG	X			X	X		
	TRK DUMP (8T-4X2)	X43589	X43589	2320010907816	FMJ	X			X	X		
	TRK DUMP (8T-4X2)	X43589	X43589	2320010907819	FML	X			X	X		
	TRK DUMP (8-1/2T-4X2)	X43589	X43589	2320010907817	FMK	X			X	X		
	TRK DUMP (3-WAY-4X4)	X43972	X43972	2320006211415	FLA	X			X	X		
	TRK DUMP (5-1/2T-4X4)	X43982	X43982	2320010907820	FMM	X			X	X		
	TRK DUMP (8T-4X4)	X43982	X43982	2320010907821	FMN	X			X	X		
	TRK DUMP (10T-6X6)	X44119	X44119	2320010907825	FMQ	X			X	X		
	TRK DUMP (8T-6X6)	X44119	X44119	2320010907824	FMP	X			X	X		
	TRK DUMP (7-3/4T-6X4)	X44256	X44256	2320010907822	FMR	X			X	X		
	TRK DUMP (10T-6X4)	X44256	X44256	2320010907823	FMS	X			X	X		
	VC TRUCKS, FIREFIGHTING											
	FF EQUIP SET A/AC	H56391	H56391	4210002028076	ZMN	X			X	X		
	FF EQUIP SET (TRK MTD)	H56391	H56391	4210011522699	ZML	X			X	X		
	FF EQUIP SET BRUSH	H565 28	H56528	4210003930349	ZMD	X			X	X		
	FF EQUIP SET STRUCT	H56802	H56802	4210003930353	ZND	X			X	X		
	TRK FF SET	NO-LIN	NO-LIN	4210011933621	***	X			X	X		
	TRK FF (SUPPRESSION)	NO-LIN	NO-LIN	4210004022081	***	X			X	X		
	TRK FF	NO-LIN	NO-LIN	4210001654920	***	X			X	X		
	TRK FF	NO-LIN	NO-LIN	4210012908755	***	X			X	X		
	TRK FF	NO-LIN	NO-LIN	4210012492110	***	X			X	X		
	TRK FF	NO-LIN	NO-LIN	4210008922172	***	X			X	X		
	TRK FF PUMP	NO-LIN	NO-LIN	4210008922172	***	X			X	X		
	TRK FF DRY CHEMICAL	T44805	T44805	4210002026247	***	X			X	X		
	TRK FF DRY CHEM	T44807	T44807	4210012220668	***	X			X	X		
	TRK FF DRY CHEM/AFFF	T44807	T44807	4210012220668	***	X			X	X		
	TRK FF (BRUSH/PUMPER)	T67209	T67209	4210011594823	ZM5	X			X	X		
	TRK FF	X38172	X38172	4210010061534	***	X			X	X		
	TRK FF CRASH/RESCUE	X39426	X39426	4210004845729	ZMH	X			X	X		
	TRK FF 500 GPM	X44684	X44684	4210008664389	***	X			X	X		
	TRK FF 500 GPM	X44684	X44684	4210008326953	ZMT	X			X	X		
	TRK FF POWERED	X44701	X44701	4210005777656	ZMR	X			X	X		
	PUMPER											
	TRK FF POWERED	X44701	X44701	4210010254976	***	X			X	X		
	PUMPER											
	TRK FF POWERED	X44701	X44701	4210001026466	***	X			X	X		
	PUMPER											
	TRK FF POWERED	X44701	X44701	4210008326952	***	X			X	X		
	PUMPER											

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK FF POWERED PUMPER	X44701	X44701	4210012198763	ZMM	X			X	X		
	TRK FF LDR WTR TOWER	X44718	X44718	4210009651254	ZMJ	X			X	X		
	TRK FF (BRUSH/STRUCT)	X44733	X44733	4210010262567	ZMK	X			X	X		
	TRK FF BRUSH/WATER	X44739	X44739	4210002889121	***	X			X	X		
	TRK FF PUMP FOAM/WTR	X44804	X44804	4210005422113	ZM7	X			X	X		
	TRK FF PUMP FOAM/WTR	X44804	X44804	4210006200106	ZNA	X			X	X		
	TRK FF PUMP FOAM/WTR	X44804	X44804	4210005422195	ZM8	X			X	X		
	TRK FF (CRASH)	X45095	X45095	4210011379944	***	X			X	X		
	TRK FF 1500 GAL 6X6	X45095	X45695	4210001846415	***	X			X	X		
	TRK FF 1000-2000 GAL	X45144	X45144	4210001344401	***	X			X	X		
	VD TRUCKS, HOPPER											
	TRK HOPPER (COAL)	X48792	X48792	2320002734426	FLC	X			X	X		
	TRK HOPPER (COAL)	X48799	X48799	2320004634561	FMT	X			X	X		
	VE TRUCKS, MAINTENANCE											
	TRK MAINT	NO-LIN	NO-LIN	2320000088242	***	X			X			
	TRK MAINT VAN-TYPE	T53919	T53919	232001917825	FGD	X			X	X		
	TRK MAINT LINE CONST	T54188	T54188	2320010777837	FVD	X			X	X		
	TRK MAINT (1/4T 4X2)	T54265	T54265	2320010917826	FGE	X			X	X		
	TRK MAINT FURN CLN	T80880	T80880	2320011648367	FYD	X			X	X		
	TRK MAINT LINE CONST	X53366	X53366	2320004371137	FKC	X			X	X		
	TRK MAINT LINE CONST	X53371	X53371	2320004634580	FMU	X			X	X		
	TRK MAINT LINE CONST	X53376	X53376	2320004634582	FMV	X			X	X		
	TRK MAINT LINE CONST	X53400	X53400	2320004371140	FLD	X			X	X		
	TRK MAINT LINE CONST	X53402	X53402	2320002248859	FMW	X			X	X		
	TRK MAINT LINE CONST	X53406	X53406	2320001173418	FMX	X			X	X		
	TRK MAINT RIGGER	X53426	X53426	2320010911724	FKD	X			X	X		
	TRK MAINT RDS/GNDS	X53430	X53430	2320010907903	FWC	X			X	X		
	TRK MAINT 1-1/2T 4X2	X53432	X53432	2320010909566	FHC	X			X	X		
	TRK MAINT TELE	X53572	X53572	2320007826886	FHG	X			X	X		
	TRK MAINT TELE	X53572	X53572	2320008922154	FHJ	X			X	X		
	TRK MAINT	X53572	X53572	2320009267000	FHN	X			X	X		
	TRK MAINT	X53572	X53572	2320009267001	FHP	X			X	X		
	TRK MAINT	X53572	X53572	2320009267032	FHQ	X			X	X		
	TRK MAINT TELE	X53572	X53572	2320002871991	FHD	X			X	X		
	TRK MAINT TELE	X53572	X53572	2320007826889	FHH	X			X	X		
	TRK MAINT TELE	X53790	X53790	2320002354815	FHR	X			X	X		
	TRK MAINT UTIL	X53848	X53848	2320004107313	FVC	X			X	X		
	TRK MAINT UTIL	X53851	X53851	2320004113970	FH9	X			X	X		
	TRK MAINT UTIL	X53856	X53856	2320002771396	FKE	X			X	X		
	TRK MAINT WTR/SEWER	X53876	X53876	2320010909564	FLE	X			X	X		
	TRK MAINT W/HI-LIFT	X53886	X53886	2320010911726	FXN	X			X	X		
	TRK MAINT W/HI=LIFT	X53896	X53896	2320010911725	FXM	X			X	X		
	TRK MAINT (1/4T 4X4)	X54175	X54175	2320010919075	FGF	X			X	X		
	TRK MAINT (1T-4X4)	X54197	X54197	2320010919076	FHB	X			X	X		
	TRK MAINT 1-1/2T 4X2	X54200	X54200	2320010909565	FHS	X			X	X		
	VF TRUCKS, FERFUSE/ COLLECTION											
	TRK REFUSE BODY COLL	B85265	B85265	2510004905518	FTA	X			X	X		
	TRK REFUSE BODY COLL	B85270	B85270	2510004904100	FTB	X			X	X		
	TRK REFUSE BODY COLL	B85275	B85275	2510004904105	FTC	X			X	X		
	TRK REFUSE BODY COLL	B85280	B85280	2510004904103	FTD	X			X	X		

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK REFUSE BODY COLL	B85296	B85296	2510004904102	FTE	X			X	X		
	TRK REFUSE BODY COLL	B85306	85306	2510004904101	FTF	X			X	X		
	TRK REFUSE BODY COLL	B85318	B85318	2510001653943	FTG	X			X	X		
	TRK REFUSE PACKER	E61002	E61002	3990001388304	FTM	X			X	X		
	TRK REFUSE BODY	NO-LIN	NO-LIN	2510004904104	***	X			X	X		
	TRK REFUSE BODY	NO-LIN	NO-LIN	2510004904099	***	X			X	X		
	REFUSE HOISTING UNIT	R66175	R66175	3990010463654	***	X			X	X		
	TRK DUMP REFUSE COLL	X43580	X43580	2320010911683	FXF	X			X	X		
	TRK REUFSE TILT FRAME											
		X45187	X45187	2320004634584	FMY	X			X	X		
	TRK REFUSE MAT	X54428	X54428	2320002790683	DRD	X			X	X		
	HNDLG											
	TRK REFUSE HNDLG	X54433	X54433	2320002757932	DRE	X			X	X		
	TRK REFUSE MAT	X54445	X54445	2320004602564	DRB	X			X	X		
	HNDLG											
	TRK REFUSE MAT	X54448	X54448	2320004589765	DRC	X			X	X		
	HNDLG											
	TRK REFUSE W/HOPPER	X55820	X55820	2320004898323	FKH	X			X	X		
	TRK REFUSE W/HOPPER	X55832	X55832	2320001741610	FLK	X			X	X		
	TRK REFUSE W/HOPPER	X55837	X55837	2320004115798	***	X			X	X		
	TRK REFUSE W/HOPPER	X55839	X55839	2320004898324	FM6	X			X	X		
	REFUSE HOISTING UNIT	X55842	X55842	2320009636269	FLL	X			X	X		
	REFUSE HOISTING UNIT	X55847	X55847	2320009636270	FM7	X			X	X		
	VH TRUCKS, TANK											
	TRK TANK (FISH TRANS)	T57329	T57329	2320012256087	FYJ	X			X	X		
	TRK TANK (ACID)	X57261	X57261	2320010911044	FXC	X			X	X		
	TRK TANK (FSA)	X57545	X57545	2320010907809	FV7	X			X	X		
	TRK TANK (F/S)	X57545	X57545	2320010907808	FV6	X			X	X		
	TRK TANK (FSA)	X57682	X57682	2320010907802	FVY	X			X	X		
	TRK TANK (F/S)	X57682	X57682	2320010907800	FVW	X			X	X		
	TRK TANK (F/S)	X57719	X57719	2320010907801	FVX	X			X	X		
	TRK TANK (FSA)	X57719	X57719	2320010907803	FVZ	X			X	X		
	TRK TANK (FSA)	X57819	X57819	2320010907811	FV9	X			X	X		
	TRK TANK (F/S)	X57819	X57819	2320010941371	FXV	X			X	X		
	TRK TANK (FSA)	X57819	X57819	2320010957480	FXX	X			X	X		
	TRK TANK (FSA)	X57956	X57956	2320010907812	FWA	X			X	X		
	TRK TANK (F/S)	X58016	X58016	2320010911680	FXA	X			X	X		
	TRK TANK (HYDRO SEED)	X58235	X58235	2320010909530	FXB	X			X	X		
	TRK TANK (LIQ CML)	X58240	X58240	2320010911677	FW7	X			X	X		
	TRK TANK (WATER)	X58641	X58641	23200,10907810	FV8	X			X	X		
	TRK TANK (WATER)	X58778	X58778	2320010907807	FV5	X			X	X		
	TRK TANK (WATER)	X58778	X58778	2320010907804	FV2	X			X	X		
	TRK TANK (WATER)	X58815	X58815	2320010907805	FV3	X			X	X		
	TRK TANK (WATER)	X58815	X58815	2320010907806	FV4	X			X	X		
	TRK TANK (WATER)	X58815	X58815	2320010907813	FWB	X			X	X		
	VI TRUCKS, STAKE											
	TRK STAKE	NO-LIN	NO-LIN	2320010957498	***	X			X	X		
	TRK STAKE	NO-LIN	NO-LIN	2320013027720	***	X			X	X		
	TRK STAKE (1T 4X2)	X56038	X56038	2320010907904	FH6	X			X	X		
	TRK STK (1-1/2T 4X2)	X56038	X56038	2320010899165	FJA	X			X	X		
	TRK STK (1-1/2T 4X4)	X56175	X56175	2320010907910	FH7	X			X	X		

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK STAKE (1T 4X4)	X56175	X56175	2320010899166	FJB	X			X	X		
	TRK STK (3-3/4T 4X4)	X56312	X56312	2320010957497	FLP	X			X	X		
	TRK STK (3-1/2T 4X4)	X56312	X56312	2320010899167	FLM	X			X	X		
	TRK STK (4-1/2T 4X4)	X56312	X56312	2320010907909	FLN	X			X	X		
	TRK STK (3-1/2T 4X2)	X56449	X56449	2320010907905	FLQ	X			X	X		
	TRK STK (4-1/2T 4X2)	X56449	X56449	2320010907906	FLR	X			X	X		
	TRK STAKE (4X2)	X56466	X56466	2320010909569	FWM	X			X	X		
	TRK STK (6-1/2T-4X2)	X56483	X56483	2320010907908	FM9	X			X	X		
	TRK STAKE (5T-4X2)	X56483	X56483	2320010907907	FM8	X			X	X		
	TRK STK (9-1/2T 6X6)	X56723	X56723	2320010907912	FNA	X			X	X		
	TRK STAKE (10T 6X4)	X56860	X56860	2320010907911	FNB	X			X	X		
	VJ TRUCKS, TRACTOR (ALL TYPES)											
	MOHV PRIME MOVER	NO-LIN	NO-LIN	2320012277490	***	X			X			
	TRK TCTR	NO-LIN	NO-LIN	2320010228438	***	X						
	TRK TCTR CALIBRATION	X58955	X58955	2320010911672	FW3	X			X	X		
	TRK TCTR (DED/LWB)	X58978	X58978	2320010919061	FXR	X			X	X		
	TRK TCTR (DED) 6X4	X58980	X58980	2320010911671	FW2	X			X	X		
	TRK TCTR (OIL FIELD)	X59002	X59002	2320010911673	FW4	X			X	X		
	TRK TCTR STLR SPOT- TER	X59032	X59032	2320010911668	FWY	X			X	X		
	TRK TCTR STLR SPOT- TER	X59042	X59042	2320010911678	FW8	X			X	X		
	TRK TCTR (SWB)	X59046	X59046	2320010911674	FW5	X			X	X		
	TRK TCTR (SWB)	X59049	X59049	2320010911676	FW6	X			X	X		
	TRK TCTR (4X2 6-8T)	X59515	X59515	2320010911670	FNC	X			X	X		
	TRK TCTR (6X4 15T)	X59942	X59942	2320010909528	FND	X			X	X		
	TRK TCTR (CNTNR HDL)	X60101	X60101	2320010911675	DVV	X			X	X		
	TRK TCTR 1600 GVW 4X2	X60148	X60148	2320010907779	FVH	X			X	X		
	TRK TCTR 2400 GVW 4X2	X60148	X60148	2320010907780	FVJ	X			X	X		
	TRK TCTR 32000GVW 4X2	X60185	X60185	2320010907782	FVL	X			X	X		
	TRK TCTR 28000GVW 4X2	X60185	X60185	2320010907781	FVK	X			X	X		
	TRK TCTR 24000GVW 4X4	X60285	X60285	2320010907783	FVM	X			X	X		
	TRK TCTR 34500GVW 6X4	X60422	X60422	2320010907784	FVN	X			X	X		
	TRK TCTR 39500GVW 6X4	X60422	X60422	2320010907785	FVP	X			X	X		
	TRK TCTR (W/SLEEPER)	X60432	X60432	2320010911669	FWZ	X			X	X		
	TRK TCTR 64000GVW 6X4	X60440	X60440	2320010907788	FYK	X			X	X		
	TRK TCTR 77000GVW 6X6,	X60440	X60440	2320012688745	***	X			X	X		
	TRK TCTR 51000GVW 6X4	X60440	X60440	2320010907787	FVR	X			X	X		
	TRK TCTR 44500GVW 6X4	X60440	X60440	2320010907786	FVQ	X			X	X		
	TRK TCTR (6X4 W/HYD)	X60499	X60499	2320010909526	FWF	X			X	X		
	TRK TCTR 44000GVW 6X6	X60559	X60559	2320010907790	FVT	X			X	X		
	TRK TCTR 36000GVW 6X6	X60559	X60559	2320010907789	FVS	X			X	X		
	TRK TCTR 60000GVW 6X6	X60577	X60577	2320010907792	FVV	X			X	X		
	TRK TCTR 51000GVW 6X6	X60577	X60577	2320010907791	FVU	X			X	X		
	TRK TCTR (6X6 22T)	X60636	X60636	2320010909527	FNE	X			X	X		
	VK MISCELLANEOUS AUGER EARTH (TRK MTD)	B01854	B01854	3820010907942	E3N	X			X			
	CAMPER (TRK MTD) HUT	C89598	C89598	2320010911606	FTL	X			X			
	CAR ELEC EMER EQ	D06140	D06140	2350010911604	***	X			X	X		
	TRAN											

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	CART GOLF (EED/GED)	D13605	D13605	2340010919004	***	X			X			
	CLEANER VACUUM (SP)	E33636	E33636	3825010957521	E3U	X			X			
	CLEANER VACUUM (SP)	E33638	E33638	3825010907932	E3R	X			X			
	CLEANER VAC (TRLR MTD)	E33651	E33651	3825010907938	E3S	X			X			
	CRANE TRK WHSE (ELEC)	F38898	F38898	3950010907613	DC5	X			X			
	STUMP CUTTER-TRLR MTD	F65090	F65090	3895010956913	E4C	X			X			
	DOLLY TRLR CON- VERTER	G34962	G34962	2330010911651	CYE	X			X			
	DRYER GRAIN TRLR MTD	G71143	G71143	4440010907615	E4M	X			X			
	MACH BUCKET TRLR MTD	L90240	L90240	3830011129653	***	X			X			
	MAINT PLATFORM	M02756	M02756	4940010303317	***	X			X			
	MARKER TRAFFIC LINE	M09670	M09670	3825010907751	EW7	X			X			
	MARKER TRAFFIC LINE	M09866	M09866	3825010907753	E2K	X			X			
	AIRDRYER (TRLR MTD)	NO-LIN	NO-LIN	2330011406475	E3H	X			X			
	RAMP LOAD VEH	R11452	R11452	3990010907764	DVJ	X			X			
	REC MOBILE (TRK MTD)	R40689	R40689	2320010909329	***	X			X			
	SCRAPER (TOWED)	S56137	S56137	3805010907758	EJA	X			X			
	SCRAPER (TOWED)	S56461	S56461	3805010907759	EH9	X			X			
	SWEEPER ROTARY (SP)	S76994	S76994	3825010958319	E28	X			X			
	SNOW VEH CGO/PERS	T87736	T87736	2350010911600	FVA	X			X			
	SNOWMOB TRAC TYPE 3	T87771	T87771	2350010909325	FTX	X			X			
	SNOW VEH SLOPE MAINT	T87806	T87806	2350010911601	FVB	X			X			
	SNOWMOB TRAC TYPE 4	T87863	T87863	2350010915163	FTY	X			X			
	SPREADER AG- GREGATE-SP	U12073	U12073	3895010907940	EZK	X			X			
	SPRDR AGGREGATE (TOW)	U12103	U12103	3895010907941	EZL	X			X			
	SPRDR SAND (TRK MTD)	U12208	U12208	3830010907930	***	X			X			
	STUMP REMOVR TCTR MTD	U54856	U54856	2340010907608	***	X			X			
	VEHICLE RECREATIONAL	V47808	V47808	2310010938273	***	X			X			
	TCTR WHLD LAWN	W88950	W88950	2420010911599	***	X			X			
	TCTR WHLD LAWN	W88960	W88960	2420010911598	***	X			X			
	TCTR WHLD WHSE (ELECT)	W88988	W88988	3930010907732	DCO	X			X			
	TREE SPADE (TRK MTD)	X27000	X27000	3830011050783	E33	X			X			
	TREE SPADE (TRLR MTD)	X27137	X27137	3830011050759	E3Y	X			X			
	VL PASSENGER CARRYING VEHICLES											
	AUTO SEDAN (LARGE)	A04646	A04646	2310011350996	FCA	X			X	X		
	AUTO SEDAN (COMPACT)	A06970	A06970	2310011406537	FCE	X			X	X		
	AUTO SEDAN (MID-SIZE)	A04714	A94614	2310011350997	FCB	X			X	X		
	AUTO AMB (METRO)	B04294	B04294	2310010941364	***	X			X	X		
	AUTO AMB (HEARSE)	B04294	B04294	2310010941365	FFC	X			X	X		
	AUTO AMB (METRO)	B04304	B04304	2310010941363	***	X			X	X		
	AUTO SEDAN (COMPACT)	B04441	B04441	2310010907739	FCG	X			X	X		
	AUTO SEDAN (MID-SIZE)	B04715	B04715	2310010907740	FCJ	X			X	X		
	AUTO SEDAN (LARGE)	B04720	B04720	2310010907741	FCK	X			X	X		

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	AUTO SEDAN SUBCOM- PACT	B04725	B04725	2310010907738	FCL	X			X	X		
	AUTO S/W (COMPACT)	B04832	B04832	23100109011060	FCM	X			X	X		
	AUTO S/W (MID-SIZE)	B04852	B04852	2310010907877	FCN	X			X	X		
	AUTO S/W (LARGE)	B04862	B04862	2310010907878	FCP	X			X	X		
	AUTO S/W (SUBCOM- PACT)	B04872	B04872	2310010907879	FCQ	X			X	X		
	BUS AMB (CONV) 44 PAX	B39319	B39319	2310010924042	FD6	X			X	X		
	BUS AMB (CONV) 28 PAX	B39319	B39319	2310010924041	FD5	X			X	X		
	BUS MTR (VAN) 12 PAX	C39559	C39559	2310010910996	FDV	X			X	X		
	BUS MTR (CONV) 12 PAX	C39559	C39559	2310010907705	FDW	X			X	X		
	BUS MTR (VAN) 16 PAX	C39559	C39559	2310011015060	FDX	X			X	X		
	BUS MTR (FCS) 25 PAX	C39696	C39696	2310010907696	FDJ	X			X	X		
	BUS MTR SCHOOL 20 PAX	C39696	C39696	2310010907692	FDJ	X			X	X		
	BUS MTR (FCA) 25 PAX	C39696	C39696	2310010907697	FDK	X			X	X		
	BUS MTR (FCS) 45 PAX	C39833	C39833	2310010907688	FDA	X			X	X		
	BUS MTR (FCS) 37 PAX	C39833	C39833	2310010907691	FDE	X			X	X		
	BUS MTR (FCS) 44 PAX	C39833	C39833	2310010907689	FDB	X			X	X		
	BUS MTR (FCS)	C39833	C39833	2310010907690	FDC	X			X	X		
	BUS MTR SCHOOL 66 PAX	C39836	C39836	2310010907710	FD4	X			X	X		
	BUS MTR (AMB CONV) 66P	C39836	C39836	2310010957447	FD3	X			X	X		
	BUS MTR (INCY) 41 PAX	C39970	C39970	2310010907704	FDU	X			X	X		
	BUS MTR (SUB) 53 PAX	C39970	C39970	2310010907702	FDS	X			X	X		
	BUS MTR (SUB) 53 PAX	C39970	C39970	2310010907703	FDT	X			X	X		
	BUS MTR TRANS 44 PAX	C39977	C39977	2310010007709	FD2	X			X	X		
	BUS MTR TRANS 36 PAX	C39977	C39977	2310010907708	FDZ	X			X	X		
	BUS MTR TRANS 28 PAX	C39977	C39977	2310010907707	FDY	X			X	X		
	BUS MTR SCHOOL 37 PAX	C39985	C39985	2310010907694	FDM	X			X	X		
	BUS MTR (SCHOOL)	C39985	C39985	2310010907693	FDL	X			X	X		
	BUS MTR SCHL AG 60PAX	C39985	C39985	2310010907700	FDQ	X			X	X		
	BUS MTR ADULT 44 PAX	C39985	C39985	2310010907699	FDP	X			X	X		
	BUS MTR ADULT 36 PAX	C39985	C39985	2310010907698	FDN	X			X	X		
	BUS MTR (AMB) 82 PAX	C40045	C40045	2310010907711	FDG	X			X	X		
	CARRIER ALL TERRAIN	D10715	D10715	2320010910931	FWN	X			X			
	MTRCYCLE TRAIL BIKE	M72633	M72633	2340010911658	B8H	X			X	X		
	MTRCYCLE CONV DRIVE	M72933	M72933	2340010907749	B8C	X			X	X		
	MTRCYCLE CHAIN DRIVE	M72933	M72933	2340010907748	B8B	X			X	X		
	MTRCYCLE W/SIDE CAR	M72933	M72933	2340010907750	B8D	X			X	X		
	TRK AMB	NO-LIN	NO-LIN	2310011294702	***	X			X	X		X
	BUS 26 PAX	NO-LIN	NO-LIN	2310121866324	***	X			X	X		
	SCOOTER MOTOR (ELEC)	S55256	S55256	2340010907876	B8F	X			X	X		
	SCOOTER MOTOR (GAS)	S55256	S55256	2340010907875	B8E	X			X	X		
	SCOOTER MOTOR (GAS)	S55256	S55256	2340010941374	B8G	X			X	X		
	SCOOTER MOTOR (GED)	S55261	S55261	2340010911716	B8L	X			X	X		
	SCOOTER MOTOR	S55261	S55261	2340010969342	B8K	X			X	X		
	SCOOTER MOTOR (GED)	S55266	S55266	2340010911715	B8J	X			X	X		
	SCOOTER MOTOR (ELEC)	S55334	S55334	2340010913396	B8M	X			X	X		

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	SCOOTER VAN (GAS)	S55334	S55334	2340010957491	B8P	X			X	X		
	SCOOTER MOTOR (FB)	S55334	S55334	2340010957490	B8N	X			X	X		
	TRK AMB (PAT TRANS)	X38365	X38365	2310010907829	FFA	X			X	X		
	TRK AMB EMERG MED SVC	X38464	X38464	2310010941372	FFD	X			X	X		
	TRK AMB EMERG MED SVC	X38464	X38464	2310011706843	FFE	X			X	X		
	TRK AMB (FIELD TYPE)	X38502	X38502	2310010907830	FFH	X			X	X		
	TRK AMB EMERG MED SVC	X54765	X54765	2310010911684	FFG	X			X	X		
	TRK AMB EMERG MED SVC	X54765	X54765	2310011714747	FFF	X			X	X		
	TRK WHSE (PERS-4 PAX)	X54976	X54976	2320010911592	DC7	X			X	X		X
	TRK PERS TRANS WHSE	X54976	X54976	2320010911592	DC7	X			X	X		
	VM SERVICING PLATFORMS (ALL TYPES)											
	SVC PLTFM LIFT SCISS	NO-LIN	NO-LIN	4940010969358	FST	X			X	X		
	SVC PLTFM	NO-LIN	NO-LIN	2320010084643	***	X			X	X		
	SVC PLTFM	S79882	S79882	4940010909327	C88	X			X	X		
	SVC PLTFM (TRK MTD)	S80048	S80048	2320004199539	FSK	X			X	X		
	SVC PLTFM (TRK MTD)	S80048	S80048	2320004900860	FSR	X			X	X		
	SVC PLTFM (TRK MTD)	S80068	S80068	2320004900858	FSQ	X			X	X		
	SVC PLTFM (TRK MTD)	S80070	S80070	232,0000064066	FSL	X	X		X	X		
	SVC PLTFM (TRK MTD)	S80078	S80078	2320004939179	FSM	X			X	X		
	SVC PLTFM (TRK MTD)	S80088	S80088	2320004900857	FSP	X			X	X		
	SVC PLTFM (TRK MTD)	S80108	S80108	2320009357267	FSS	X			X	X		
	VN TRUCKS, MULTI-PURPOSE											
	TRK MULTI-PUR 2T	X54498	X54498	2320010911605	FKG	X			X	X		
	TRK MULTI-PUR UNIMOG	X54498	X54498	2320011479914	FKF	X			X	X		
	TRK MULTI-PUR 4T 4X4	X54514	X54514	2320010909330	FLF	X			X	X		
	TRK MULTI-PUR UNIMOG	X54514	X54514	2320011479915	FLG	X			X	X		
	VO TRUCKS, PANEL											
	TRK PANEL	NO-LIN	NO-LIN	2320011654717	***	X			X	X		X
	TRK PNL MOBILE DIS- PLAY	X54770	X54770	2320010911685	FXG	X			X	X		
	TRK PANEL (POLICE)	X54775	X54775	2320010907841	FHZ	X			X	X		
	TRK PANEL (1/2T-4X2)	X54805	X54805	2320010907837	FHV	X			X	X		
	TRK PANEL (1T-4X2)	X54805	X54805	2320010907840	FHX	X			X	X		
	TRK PANEL (3/4T-4X2)	X54805	X54805	2320010907838	FHW	X			X	X		
	TRK PANEL (VW)	X54805	X54805	2320121943836	FHY	X			X	X		
	TRK PANEL (1T-4X2)	X54825	X54825	2320010907839	FH2	X			X	X		
	TRK PANEL (1/4T-4X4)	X54942	X54942	2320010907843	FH4	X			X	X		
	TRK PANEL (1/4T-4X4)	X54942	X54942	2320010911045	FH3	X			X	X		
	TRK PANEL (1-1/T-4X4)	X54966	X54966	2320010907844	FJF	X			X	X		
	TRK PANEL (TV PROD)	X54970	X54070	2320010911686	FXH	X			X	X		
	VP TRUCKS, CARRYALL											
	TRK VAN CARRYALL	NO-LIN	NO-LIN	2320011654716	***	X			X	X		
	TRK CA (1 1/4T-4X2)	T41903	T41903	2320010953211	FGB	X			X	X		
	TRK CA (MOD) 4X2	T42132	T42132	2320011351018	FX7	X			X	X		
	TRK CA (MOD) 4X4	T42200	T42200	2320011361168	FYA	X			X	X		
	TRK CA (1/2T-4X2)	T42269	T42269	2320121943837	FGC	X			X	X		
	TRK CA (KIT RDY) 4X4	T63301	T68301	2320012391788	***	X			X	X		X
	TRK CA (KIT RDY) 4X2	T63405	T63405	2320012378167	***	X			X	X		X

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK CA (1-1/2T-4X2)	X42064	X42064	2320010907834	FG7	X			X	X		
	TRK CA (3/4T-4X2)	X42064	X42064	2320010907832	FG5	X			X	X		
	TRK CA (1/2T-4X2)	X42064	X42064	2320010907831	FG4	X			X	X		
	TRK CA (1T-4X2)	X42064	X42064	2320010907833	FG6	X			X	X		
	TRK CA (1 1/4T-4X4)	X42201	X42201	2320010907836	FG9	X			X	X		
	TRK CA (1/2T-4X4)	X42201	X42201	2320010907835	FG8	X			X	X		
	TRK MULTISTOP DEL	X54531	X54531	2320010907898	FHT	X			X	X		
	TRK MULTISTOP DEL	X54531	X54531	2320010907899	FHU	X			X	X		
	TRK MULTISTOP DEL	X54549	X54549	2320010907902	FM3	X			X	X		
	TRK MULTISTOP DEL	X54549	X54549	2320010907900	FMZ	X			X	X		
	TRK MULTISTOP DEL	X54549	X54549	2320010907901	FM2	X			X	X		
	VQ TRUCKS, CARGO											
	TRK CARGO	NO-LIN	NO-LIN	2320007529548	***				X	X		
	TRK CARGO (COMPACT)	T39642	T39642	2320010907880	FGP	X			X	X		
	TRK CARGO (MOD) 4X2	T39940	T39940	2320011361179	FYB	X			X	X		
	TRK CARGO (MOD) 4X4	T40008	T40008	2320011351021	FX8	X			X	X		
	TRK ACFT CGO LOADING	X38355	X38355	3920010970301	DVS				X	X		
	TRK CARGO (COMPACT)	X39461	X39461	2320010907889	FGH	X			X	X		
	TRK CARGO (COMPACT)	X39461	X39461	2320010907890	FGJ	X			X	X		
	TRK CARGO (1/2T-4X2)	X39598	X39598	2320010907882	FGL	X			X	X		
	TRK CARGO (3/4T-4X2)	X39598	X39598	2320010907883	FGS	X			X	X		
	TRK CARGO 1/2T-4X2)	X39598	X39598	2320010907881	FGK	X			X	X		
	TRK CARGO (VW)	X39598	X39598	2320121943835	FGN	X			X	X		
	TRK CARGO (3/4T-4X2)	X39598	X39598	2320010907885	FGM	X			X	X		
	TRK CARGO 1/2T-4X4)	X39666	X39666	2320010909563	FGQ	X			X	X		
	TRK CARGO (1T-4X4)	X39875	X39875	2320010911723	FGR	X			X	X		
	TRK CARGO (1T-4X2)	X39877	X39877	2320010907884	FGT	X			X	X		
	TRK CARGO (1T-4X4)	X39879	X39879	2320010909562	FGU	X			X	X		
	TRK CARGO (1T-4X4)	X39880	X39880	2320010911722	FGV	X			X	X		
	TRK CARGO (3/4T-4X4)	X39893	X39893	2320010907892	FGX	X			X	X		
	TRK CARGO (1T-4X4)	X39893	X39893	2320010907893	FGY	X			X	X		
	TRK CARGO (1T-4X4)	X39893	X39893	2320010907894	FGZ	X			X	X		
	TRK CARGO (3/4T-4X4)	X39893	X39893	2320010907895	FG2	X			X	X		
	TRK CARGO (1T-4X4)	X39893	X39893	2320010907896	FG3	X			X	X		
	TRK CARGO (1/2T-4X4)	X39893	X39893	2320010907891	FGW	X			X	X		
	TRK CARGO (2 1/2T-4X2)	X39976	X39976	2320010919072	FKA	X			X	X		
	TRK CARGO (7T-4X4)	X41379	X41379	2320010907897	FMC	X			X	X		
	TRK CARGO (5T-4X4)	X41379	X41379	2320010911061	FMB	X			X	X		
	TRK CARGO (7-1/2T-4X2)	X41516	X41516	2320010907888	FMF	X			X	X		
	TRK CARGO (6T-4X2)	X41516	X41516	2320010907886	FMD	X			X	X		
	TRK CARGO (6-1/2T-4X2)	X41516	X41516	2320010907887	FME	X			X	X		
	VR TRUCKS, UTILITY											
	TRK UTIL (FORESTRY)	B04892	B04892	2320010909534	FWK	X			X	X		
	TRK UTIL W/ROPS	T04960	T04960	2320010915395	FGA	X			X	X		
	TRK UTIL (MOD) 4X2	T61038	T61038	2320011351016	FX5	X			X	X		
	TRK UTIL (MOD) 4X4	T61106	T61106	2320011351017	FX6	X			X	X		
	TRK UTIL (1/2T-4X2)	X61518	X61518	2320010907826	FJC	X			X	X		
	TRK UTIL (WAGON) 4X2	X61518	X6151 8	2320010907827	FJD	X			X	X		
	TRK UTIL (1/2T-4X4)	X61655	X61655	2320010907828	FJE	X			X	X		
	TRK UTIL (4X4)	X81705	X61705	2320010909063	FXT	X			X	X		
	VS TRUCKS, SEWAGE											
	TRK TNK SEPTIC (4X4)	X58245	X58245	2320010909531	FWG	X			X	X		

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK TNK SLUDGE DISP	X58250	X58250	2320010911679	FW9	X			X	X		
	TRK TNK SLUDGE DISP	X58250	X58250	2320011361167	FX9	X			X	X		
	VT TRUCKS, OTHER											
	BLOWER (TRK MTD)	B81960	B81960	2320010911603	FRA	X			X	X		
	BOOKMOBILE (TRK MTD)	C02572	C02572	2320010915164	***	X			X			
	CRANE TRK WHSE (4-6T)	C39035	C39035	3950010907733	DC6	X			X			
	MOB EQ TRANS (TRKMTD)	M57470	M57470	2320010911607	FWR	X			X	X		
	PLTFRM LIFT	NO-LIN	NO-LIN	4940011050765	FSE	X			X			
	PLTFRM LIFT SP/ WHLMTD	P05757	P05757	4940011050764	FSD	X			X			
	PLTFRM LIFT SP/ WHLMTD	P05782	P05782	4940011050760	FSF	X			X			
	TRK (ARMD PAYROLL)	T39026	T39026	2320011134669	FX2	X			X	X		
	TRK FB (EQUIP TRANS)	T45243	T45243	2320010911719	FXK	X			X	X		
	TRK LF (ELEC)	T48982	T48982	3930011028293	DCU	X			X			
	TRUCK STOCK SELEC- TOR	T56996	T56996	3930010917614	DCS	X			X			
	TCTR WHLD WHSE (ELEC)	W88988	W88988	3930010907732	DCQ	X			X			
	TRK (FLAT BED)	X45163	X45163	2320010911721	FHA	X			X	X		
	TRK FB (BOMB SVC)	X45165	X45165	2320010911718	FKB	X			X	X		
	TRK FB EQUIP TRANS	X45175	X45175	2320010909561	FWL	X			X	X		
	TRK FB EQUIP TRANS	X45176	X45176	2320010909560	***	X			X	X		
	TRK FB (RIGGER)	X45177	X45177	2320010911717	FXJ	X			X	X		
	TRK FB W/HYD LIF BOOM	X45200	X45200	2320010909559	FLB	X			X	X		
	TRK FB W/AERIAL PLTFM	X45210	X45210	2320010911720	FXL	X			X	X		
	TRK LF (ELECT)	X48830	X48830	3930011122284	DC2	X			X			
	TRK LF (DED)	X48863	X48863	3930011122285	DXF	X			X			
	TRK LF (DED)	X48873	X48873	3930010907724	DXC	X			X			
	TRK LF (DED)	X48876	X48876	3930010907728	DXD	X			X			
	TRK LF (DED)	X48880	X48880	3930010957448	DXE	X			X			
	TRK LF (ELECT)	X49288	X49288	3930010907719	DCG	X			X			
	TRK LF (ELECT)	X49603	X49603	3930010907718	DCF	X			X			
	TRK LF (ELEC)	X49609	X49609	3930011075722	DCX	X			X			
	TRK LF (ELEC)	X49619	X49619	3930011075723	DCY	X			X			
	TRK LF (ELECT)	X49688	X49688	3930010907719	DCG	X			X			
	TRK LF (ELECT)	X49737	X49737	3930010907717	DCE	X			X			
	TRK LF (ELECT)	X49757	X49757	3930010907723	DCK	X			X			
	TRK LF (ELEC)	X50294	X50294	3930011028383	DCV	X			X			
	TRK LF (ELECT)	X50462	X50462	3930010907715	DCD	X			X			
	TRK LF (ELECT)	X50608	X50608	3930010907720	DCH	X			X			
	TRL LF (ELECT)	X50608	X50608	3930010907721	DCJ	X			X			
	TRK LF (ELECT)	X50866	X50866	3930011028384	DCW	X			X			
	TRK LF (ELECT)	X51011	X51011	3930010907729	DCN	X			X			
	TRK LF (ELEC)	X51020	X51020	3930010907727	DCM	X			X			
	TRK LF (GED/DED)	X52647	X52647	3930010907716	DPS	X			X			
	TRK LF (GED)	X52804	X52804	3930010907713	DPQ	X			X			
	TRK LF (DED/GED)	X52813	X52813	3930010911654	DPV	X			X			
	TRUCK FORKLIFT (GAS)	X52814	X52814	3930010907714	DPR	X			X			
	TRK LF (GAS)	X52816	X52816	3930010907725	DPU	X			X			
	TRK LF (DED)	X52852	X52852	3930010911655	DJ4	X			X			

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK LF PLTFM (ELECT)	X53171	X53171	3930110907731	DCP	X			X			
	TRK MOBILE STAGE	X54453	X54453	2320010911593	FWP	X			X	X		X
	TRK MOBILE STAGE	X54453	X54453	2320010911593	FWP	X			X	X		
	TRK RESCUE	X55874	X55874	2320010911597	FH5	X			X	X		
	VU TRAILERS											
	TRLR (AIR DRYER)	A27124	A27124	2330011406475	E3H	X			X			
	TRLR CHASSIS RECRUIT	E03104	E03104	2330010909542	C8T	X			X			
	TRLR (FLAT BED)	NO-LIN	NO-LIN	2330010977081		X			X			
	TRLR VAN INF MUSEUM	NO-LIN	NO-LIN	2330010911703	C8L	X			X			
	TRLR TANK (FUEL)	NO-LIN	NO-LIN	2330010911050	C6D	X			X			
	TRLR CARGO	NO-LIN	NO-LIN	2330010911693	CPJ	X			X			
	TRLR REFUSE COLL	S71690	S71690	2330010236047	C4U	X			X			
	TRLR (SNOW MOBILE)	T25601	T25601	2330011321386	***	X			X			
	TRLR TANK (FUEL)	T98757	T98757	2330011162960	C6F	X			X			
	TRLR VAN (FLD OFC)	T99091	T99091	233011062223	C8P	X			X			
	TRLR TURRET TRANS	W92962	W92962	2330010909328	C89	X			X			
	TRLR (OIL FILTER-DRY)	W93693	W93693	2330010911596	C8Y	X			X			
	TPLR BOL POLE HAUL	W94568	W94568	2330010911732	CNJ	X			X			
	TRLR CABLE REEL	W95270	W95270	2330010911733	CPE	X			X			
	TRLR CABLE SPLICER	W95272	W95272	2330010909326	C87	X			X			
	TRLR CAMPER HUT TYPE	W95273	W95273	2330010909323	***	X			X			
	TRLR CAMPER HOME TYPE	W95283	W95283	2330010911602	***	X			X			
	TRLR CAMPER HUT TYPE	W95293	W95293	2330010919005	***	X			X			
	TRLR CGO UTIL MAINT	W95346	W95346	2330010909538	CBA	X			X			
	TRLR CGO W/ELEV BODY	W95801	W95801	2330010911048	CEL	X			X			
	TRLR FIRE FIGHTING	W96222	W96222	4210008034941	ZMS	X			X			
	TRLR (FLAT BED, TILT)	W96691	W96691	2330010911727	CNK	X			X			
	TRLR (FLAT BED)	W96711	W96711	2330010911729	CPH	X			X			
	TRLR (FLAT BED)	W96917	W96917	2330010911728	CZB	X			X			
	TRLR (FLAT BED, TILT)	W96982	W96982	2330011023544	CZD	X			X			
	TRLR(HOUSE)	W9701 0	W97010	2330010907927	C85	X			X			
	TRLR (HOUSE)	W97010	W9701 0	2330010907928	C86	X			X			
	TRLR MOBILE HOME	W97027	W97027	2330010909579	C9A	X			X			
	TRLR (LOW BED, TILT)	W97244	W97244	2330010911714	CMJ	X			X			
	TRLR (LOW BED, TILT)	W97276	W97276	2330010911730	CEN	X			X			
	TRLR (LOW BED, TILT)	W97308	W97308	2330010911709	CNM	X			X			
	TRLR (LOW BED, TILT)	W97318	W97318	2330010907874	CAD	X			X			
	TRLR (LOW BED, TILT)	W97318	W97318	2330010907873	CAC	X			X			
	TRLR (LOW BED, TILT)	W97318	W97318	2330011473339	CAE	X			X			
	TRLR (LOW BED)	W97381	W97381	2330010909547	CEM	X			X			
	TRLR (LOW BED)	W97445	W97445	2330010911710	CKA	X			X			
	TRLR (LOW BED)	W97450	W97450	2330010911712	CNL	X			X			
	TRLR (LOW BED)	W97452	W97452	2330010919070	CNN	X			X			
	TRLR (LOW BED)	W97460	W97460	2330010919068	CAF	X			X			
	TRLR (LOW BED)	W97465	W97465	2330010919069	CZA	X			X			
	TRLR (LB, W/RAMP)	W97468	W97468	2330010911713	CZC	X			X			
	TRLR (LOW BED)	W97470	W97470	2330010911711	CXQ	X			X			
	TRLR MAINT TOOL STOR	W97734	W97734	2330010909573	C8U	X			X			
	TRLR MAINT TOOL SHED	W97736	W97736	2330010909574	C8V	X			X			
	TRLR MOBILE STAGE	W97739	W97739	2330010909324	***	X			X			
	TRLR MOBILE STAGE	W97749	W97749	3920011113969	DVX	X			X			

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRLR PLATFORM	W97934	W97934	3920006188779	***	X			X			
	TRLR STAKE	W98688	W98688	2330010907916	CMH	X			X			
	TRLR TANK (FUEL)	W98689	W98689	2330010911708	C6B	X			X			
	TRLR TANK	W98690	W98690	2330010909546	C6C	X			X			
	TRLR TNK IND (SEWAGE)	W98708	W98708	2330010911706	C6E	X			X			
	TRLR TANK (OIL)	W98758	W98758	2330010911707	C6G	X			X			
	TRLR TANK (WTR)	W98962	W98962	2330010907871	C6J	X			X			
	TRLR VAN	W99012	W99012	2330010909545	C8A	X			X			
	TRLR (AIR MONITOR)	W99016	W99016	2330010909544	C8B	X			X			
	TRLR VAN (AMMO)	W99020	W99020	2330010911700	C8C	X			X			
	TRLR VAN (SPARE PTS)	W99022	W99022	2330010911702	C8E	X			X			
	TRLR VAN (EXPER CTR)	W99023	W99023	2330010911704	C8F	X			X			
	TRLR VAN (2-HORSE)	W99025	W99025	2330010909541	C8G	X			X			
	TRLR VAN (4-HORSE)	W99026	W99026	2330010909543	C8H	X			X			
	TRLR VAN (6-HORSE)	W99027	W99027	2330010919066	C8J	X			X			
	TRLR VAN (10-HORSE)	W99030	W99030	2330010911049	C8K	X			X			
	TRLR VAN (OFFICE)	W99058	W99058	2330010907870	C8N	X			X			
	TRLR VAN (OFFICE)	W99058	W99058	2330010907869	C8M	X			X			
	TRLR VAN ADP FACILITY	W99109	W99109	2330010911705	C8Q	X			X			
	TRLR VAN (RECRUITING)	W99378	W99378	2330010919067	C8R	X			X			
	TRLR VAN TOOL CRIB	W99383	W99383	2330010911701	C8S	X			X			
	VV SEMI-TRAILERS											
	STRRLR VAN (MOHV SYS)	NO-LIN	NO-LIN	2330012277491	***	X			X			
	SEMITRLR FB RAMP LOAD	S69842	S69842	2330010911072	CXA	X			X			
	SEMITRLR DUMP	S69843	S69843	2330010909583	CWE	X			X			
	SEMITRLR (FB TILT)	S69909	S69909	2330010911731	CWD	X			X			
	SEMITRLR (LB AMMO)	S69959	S69959	2330010911695	CQC	X			X			
	SEM1TRLR (LB CNTNR)	S69962	S69962	2330010909539	DRA	X			X			
	SEMITRLR (LB FOREST- RY)	S69964	S69964	2330010919065	CWF	X			X			
	SEMITRLR (LOW BED)	S70006	S70006	2330010911698	CRB	X			X			
	SEMITRLR (LOW BED)	S70096	S70096	2330010911696	CWG	X			X			
	SEMITRLR (LOW BED)	S70380	S70380	2330010907860	CXB	X			X			
	SEMITRLR (LOW BED)	S70380	S70380	2330010907861	CXC	X			X			
	SEMITRLR (LOW BED)	S70380	S70380	2330010907862	CXD	X			X			
	SEMITRLR (LOW BED)	S70526	S70526	2330010909540	CXF	X			X			
	SEMITRLR (LB LVL DK)	S70534	S70534	2330010907864	CXG	X			X			
	SEMITRLR (LB TILT DK)	S70534	S70534	2330010907865	CXH	X			X			
	SEM1TRLR (LB LVL DK)	S70534	S70534	2330010907863	CXE	X			X			
	SEMITRLR (LOW BED)	S70602	S70602	2330010911697	CXJ	X			X			
	SEMITRLR (LB HYDR LF)	S70669	S70669	2330010907867	CWH	X			X			
	SEMITRLR (LB HET)	S70729	S70729	2330012253326	***	X			X			
	SEMITRLF1 (LOW BED)	S70759	S70759	2330010911699	CXK	X			X			
	SEMITRLR (LOW BED)	S70825	S70825	2330010941373	CXP	X			X			
	SEMITRLR LB 60T	S70825	S70825	2330010907866	CXN	X			X			
	SEMITRLR REFRIGERA- TOR	S71476	S71476	2330010907766	CWJ	X			X			
	SEMITRLR REFRIGERA- TOR	S71476	S71476	2330010907765	CWK	X			X			
	SEMITRLR REFRIGERA- TOR	S71630	S71630	2330010907767	CWL	X			X			

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	SEMITRLR STAKE	S72161	S72161	2330010907920	CWP	X			X			
	SEMITRLR STAKE	S72161	S72161	2330010907918	CWN	X			X			
	SEMITRLR STAKE	S72161	S72161	2330010907917	CWM	X			X			
	SEMITRLR STAKE	S72178	S72178	2330010907919	CWQ	X			X			
	SEMITRLR (STRADDLE)	S72183	S72183	2330010911735	DVT	X			X			
	SEMITRLR TANK (F/S)	S72709	S72709	2330010907860	C4L	X			X			
	SEMITRLR TANK (F/S)	S72709	S72709	2330010907851	C4M	X			X			
	SEMITRLR TANK (F/S)	S72709	S72709	2330010907852	C4N	X			X			
	SEMITRLR TANK (F/S)	S72709	S72726	2330010907856	C4G	X			X			
	SEMITRLR TANK (F/S)	S72709	S72726	2330010907854	C4F	X			X			
	SEMITRLR TANK (F/S)	S72709	S72726	2330010907857	C4H	X			X			
	SEMITRLR TANK (F/S)	S72709	S72726	2330010907858	C4J	X			X			
	SEMITRLR TANK (CHEM)	S73051	S73051	2330010919064	***	X			X			
	SEMITRLR TANK (WTR)	S73257	S73257	2330010907859	C4R	X			X			
	SEMITRLR TANK (WTR)	S73257	S73257	2330010907853	C4P	X			X			
	SEMITRLR TANK (WTR)	S73257	S73257	2330010907855	C4Q	X			X			
	SEMITRLR TANK (WTR)	S73304	S73304	2330010911684	C4S	X			X			
	STLR VAN CGO (FURN)	S73942	S73942	2330010907845	CWR	X			X			
	STLR VAN CGO (CLOSED)	S73942	S73942	2330010907847	CWS	X			X			
	STLR VAN CGO (OPEN)	S73942	S73942	2330010907849	CWU	X			X			
	SEMITRLR VAN CARGO	S74096	S74096	2330010907848	CWV	X			X			
	STLR VAN EXP EXHIBIT	S74413	S74413	2330010911691	C4A	X			X			
	STLR VAN CALBR LAB	S74500	S74500	2330010911688	CWT	X			X			
	SEMITRLR VAN (HORSE)	S74550	S74550	2330010909536	C4C	X			X			
	SEMITRLR VAN (HORSE)	S74550	S74550	2330011104248	C4B	X			X			
	STLR VAN (MISSILE MNT)	S74695	S74695	2330010909537	C4D	X			X			
	STLR VAN (LEARN CTR)	S74728	S74728	2330010911689	CWW	X			X			
	SEMITRLR VAN (PERS)	S74901	S74901	2330010907846	CQD	X			X			
	STLR VAN MONITOR LAB	S74938	S74938	2330011023534	C4E	X			X			
	SEMITRLR VAN SHOP 6	S74975	S74975	2330010911690	CHP	X			X			
	SEMITRLR VAN SHOP 12	S75000	S75000	2330010909535	CWX	X			X			
	SEMITRLR VAN (TV)	S75185	S75185	2330010911692	C8Z	X			X		X	
	VW VANS (ALL TYPES)											
	TRK VAN	NO-LIN	NO-LIN	2320007020070	***	X			X			
	TRK VAN	NO-LIN	NO-LIN	230009650265	***	X			X		X	
	TRK VAN (CRIME SCENE)	T61850	T61850	2320010957479	CXW	X			X		X	
	TRK VAN (INSTRUMENT)	T62159	T62159	2320011162959	FX3	X			X		X	
	TRK VAN (AIR SAMPLE)	T62322	T62322	2320010911663	FWT	X			X		X	
	TRK VAN (AUDIO TEST)	T62390	T62390	2320010909524	FWD	X			X		X	
	TRK VAN MOB ELEC LAB	T62458	T62458	2320011755541	FYF	X			X		X	
	TRK VAN EXP W/HLG	T93240	T93240	2320010932843	FXU	X			X		X	
	TRK VAN (MOB COMM)	T93688	T93688	2320011794280	FYG	X			X		X	
	TRK VAN (ADPE MAINT)	X61745	X61745	2320010911665	FWV	X			X		X	
	TRK VAN CGO LOAD	X61782	X61782	2320010911661	FWS	X			X		X	
	TRAN											
	TRK VAN (CARGO)	X61792	X61792	2320010907772	FLT	X			X		X	
	TRK VAN (CARGO-4X2)	X61792	X61792	2320010907772	FLT	X			X		X	
	TRK VAN (CARGO-4X2)	X61792	X61792	2320010907771	FLS	X			X		X	
	TRK VAN (CARGO-4X2)	X61800	X61800	2320010907774	FNG	X			X		X	
	TRK VAN (CARGO-4X2)	X61800	X61800	2320010907773	FNF	X			X		X	
	TRK VAN (CARGO-6X4)	X61810	X61810	2320010911043	FNH	X			X		X	

Table E-4
Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

ECC	NOUN	MODEL	LIN	NSN	EIC	REG# REC	2408-4 WPNS REC	2408-5 MWO	2408-9 A/T/G/L	2408-9 USAGE	DD2026 USAGE	2408-9 OVHL
	TRK VAN EXP W/HLG	X62091	X62091	232009650255	FNJ	X			X	X		
	TRK VAN (LASER TEST)	X62254	X62254	2320010911667	FWX	X	X		X			
	TRK VAN (MEDICAL)	X62272	X62272	2320010907778	FVG	X			X	X		
	TRK VAN HEALTH CLINIC	X62273	X62273	2320010911666	FWW	X			X	X		
	TRK VAN (HEALTH UNIT)	X62276	X62276	2320010970246	FXU	X			X	X		
	TRK VAN (MSL TEST)	X62278	X62278	2320010909525	FWE	X			X	X		
	TRK VAN (TV MAINT)	X62281	X62281	2320010919059	FKJ	X			X	X		
	TRK VAN (MOB TV PROD)	X62291	X62291	2320010913203	FXP	X			X	X		
	TRK VAN (TV RECORD)	X62291	X62291	2320010919060	FXQ	X			X	X		
	TRK VAN (RECRUITING)	X62325	X62325	2320010911664	FWU	X			X	X		
	TRK VAN SHOP (2X2)	X62487	X62487	2320010907777	FVF	X	X		X			

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