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MIL-PRF-63033C (TM)

18 May 2009

SUPERSEDING MIL-PRF-63033B (TM) 10 August 2006

PERFORMANCE SPECIFICATION MANUALS, TECHNICAL: DEMILITARIZATION OF SURPLUS MILITARY ITEMS, PREPARATION OF



This specification is approved for use by the Department of the Army and is available for use by all departments and agencies of the Department of Defense.

Comments, suggestions, or questions on this document should be addressed to: Commander, USAMC Logistics Support Activity, Acquisition Logistics Center, ATTN: AMXLS-AP, Redstone Arsenal, AL 35898-7466 or e-mailed to: tmss@logsa.redstone.army.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at http://assist.daps.dla.mil/.

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1. SCOPE

1.1 <u>Scope</u>. This specification contains the requirements for the preparation of technical manuals (TMs) for demilitarization of surplus military items.

2. APPLICABLE DOCUMENTS.

- 2.1 <u>General</u>. The documents listed in this section are specified in Section 3 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in Section 3 of this specification, whether or not they are listed.
- 2.2 Government documents.
- 2.2.1 <u>Specifications</u>, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

STANDARDS

DEPARTMENT OF DEFENSE

MIL-STD-40051-2 — Preparation of Digital Technical Information for Page-Based Technical Manuals

HANDBOOKS

DEPARTMENT OF DEFENSE

MIL-HDBK-2361 - Army Digital Publications Development Implementation Guide

(Copies of the above standards are available online at http://assist.daps.dla.mil/ or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.2.2 Other Government documents and publications. The following other Government documents and publications form a part of this document to the extent specified herein. Unless specified otherwise, the issues are those cited in the solicitation or contract.

DOD 5230.24 — Distribution Statements on Technical Documents

(Copies of DoD documents are available at http://www.dtic.mil/whs/directives/.)

2.3 <u>Non-Government publications</u>. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

ASME Y14.38 — Abbreviations and Acronyms

(Application for copies should be addressed to the American Society of Mechanical Engineers, 3 Park Avenue, New York, NY 10016-5990.)

2.4 <u>Order of precedence</u>. Unless otherwise noted herein or in the contract, in the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

- 3.1 General.
- 3.1.1 <u>Style and format</u>. Unless otherwise specified herein, the general style and format of a TM for demilitarization of surplus military items shall be prepared in accordance with MIL-STD-40051-2.
- 3.1.2 <u>National Stock Numbers (NSN) and part numbers</u>. NSNs shall not be used in the procedures or the narrative portion of the TM. Unless essential for identification, manufacturer's part numbers shall not be used in procedures or the narrative portion of the TM.
- 3.1.3 <u>Level of coverage</u>. The information provided in the TM for demilitarization of surplus military items shall be directed to the least experienced personnel expected to use it. The reading grade level shall be the level specified by the contracting activity and in accordance with MIL-STD-40051-2 (see 6.2).
- 3.1.3.1 <u>Abbreviations and acronyms</u>. Abbreviations used throughout the manual shall be in accordance with ASME Y14.38. Use of acronyms shall be consistent throughout the TM, but shall be held to a minimum. The first use of an abbreviation or acronym shall be spelled out completely with the abbreviation or acronym in parentheses immediately after the word(s).
- 3.1.3.2 <u>Equipment names and nomenclature</u>. Only approved names, nomenclature, and common names shall be used. Terms, names, and nomenclature shall be used consistently throughout the TM.
- 3.1.4 <u>Illustrations</u>. Unless otherwise specified by the contracting activity (see 6.2), only line drawings shall be used. Illustrations shall be placed as close to their reference in text as possible. Illustrations may float on a page to reduce the white space on a page. Whenever possible, place illustrations on the same or facing page of associated text. Foldout illustrations shall not be included in work packages. They shall be the last printed matter of the manual or volume.
- 3.1.5 <u>Referencing</u>. Reference to other documents and information within the TM shall be held to a minimum. Reference shall not be made to other documents unless they are normally available to the user. If reference to other documents is necessary, reference shall be to the publication number only. Reference made within the TM shall include the necessary location data only.
- 3.1.6 <u>Manual size</u>. TMs shall be prepared in the size selected from <u>Table I</u> as specified by the contracting activity (see 6.2). The maximum printing area shall include all printed matter including publication and page numbers.

Table I. Manual sizes (in inches).

Style	Trim Size	Format	Maximum Printing Area	
Pocket	4 x 5-1/2	Vertical	3-3/8 x 5-1/4	
	5-1/2 x 4	Horizontal	5-1/4 x 3-3/8	
Logbook	6-1/2 x 9-1/2	Vertical	5-51/6 x 8-3/4	
	9-1/2 x 6-1/2	Horizontal	8-3/4 x 5-5/16	
Standard	8-1/2 x 11	Vertical	7 x 10	
	11 x 8-1/2	Horizontal	10 x 7	
Double	17 x 11	Horizontal	15-1/2 x 9	
Standard	1 / X 1 1	Only	13-1/2 X 9	

- 3.1.6.1 <u>Pocket TM</u>. Pocket TM numbers shall appear on the front and back cover only. Page numbers shall appear on lower, outer edges of each page.
- 3.1.6.2 <u>Horizontal TM</u>. Unless otherwise specified by the contracting activity (see 6.2), TMs prepared in horizontal format shall be printed head to foot with holes punched at the bottom of even numbered pages and at the top of odd numbered pages. Except for pocket TMs, the TM number shall appear on the upper right corner of all pages. The upper pages shall have even numbers, and the lower pages shall have odd numbers.
- 3.1.6.3 Font size. Except for pocket size TMs, font size shall be no smaller than 8 point.
- 3.1.6.4 Foldout/foldup pages. Foldout/foldup pages shall not be used.
- 3.1.7 <u>Security classification markings</u>. Security classification markings, if applicable, shall be applied in accordance with MIL-STD-40051-2.
- 3.2 <u>Content **demil>**</u>. The TM for demilitarization of surplus military items shall consist of the following:
- a. Front matter
- b. General Information Work Package
- c. Methods of Demilitarization Work Package
- d. Detailed Instructions for Demilitarization Work Package
- e. References Work Package
- f. Rear Matter
- 3.2.1 Front matter < demil-frnt>. Unless otherwise specified by the contracting activity (see
- 6.2), the front matter shall consist of the following described information.
- 3.2.1.1 <u>Front cover <fratcover>.</u> Unless specified in the following, the front cover shall be prepared in accordance with MIL-STD-40051-2. For format, see <u>FIGURE 1</u>.
- 3.2.1.1.1 <u>Title **<tmtitle>**</u>. The title shall be "Demilitarization Procedures for (*insert name of item to be demilitarized*)."
- 3.2.1.1.2 <u>Notices < notices ></u>. The following notices shall appear as specified. Notices shall not be boxed.
- 3.2.1.1.2.1 <u>Supersedure notice</u> (**for revisions only**) **<super>**. When a TM is revised, a supersedure notice shall be included and an asterisk (*) shall prefix the supersedure notice and the TM number.

- 3.2.1.1.2.2 <u>Distribution statement **<dist>**</u>. A TM prepared to the specification shall include a distribution statement provided by the acquiring activity and taken from those provided in Department of Defense Directive (DoDD) 5230.24.
- 3.2.1.1.2.3 Export warning control statement **<export>**. All TMs detailing modifications to equipment or other assets under the purview of the Export Control Act as amended (22 U.S.C. 2778 et seq.) and meeting the requirements of DoDD 5230.25 shall contain the following export control notice.
 - "WARNING This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et. seq.) or the Export Administration Act of 1979, as amended, Title 50A, U.S.C., App. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoDD 5230.25."
- 3.2.1.1.2.4 <u>Destruction Notice < destr></u>. All TMs with a distribution statement "B" through "F" or "X" shall contain the following destruction notice:
 - "HANDLING AND DESTRUCTION NOTICE Comply with distribution statement and destroy by any method that will prevent disclosure of contents or reconstruction of this document."
- 3.2.1.2 <u>Warning summary **warnsum>**</u>. A warning summary, in accordance with MIL-STD-40051-2, shall appear on the first right-hand page immediately after the front cover. See <u>FIGURE 2</u> for an example of a warning summary.
- 3.2.1.3 <u>Change transmittal page **<chgsheet>**</u>. A change transmittal page, in accordance with MIL-STD-40051-2, shall be included when the TM is changed.
- 3.2.1.4 <u>List of Effective Pages/Work Packages < loepwp></u>. A list of effective pages/work packages in accordance with MIL-STD-40051-2 shall be included.
- 3.2.1.5 <u>Title block page **<titleblk>**.</u> The title block shall be prepared in accordance with MIL-STD-40051-2. For format, see **FIGURE 3**.
- 3.2.1.6 <u>Table of contents<contents></u>. The Table of Contents shall begin on the first right-hand page following the title block page. The table of contents shall be prepared in accordance with MIL-STD-40051-2. See <u>FIGURE 4</u> for an example of a Table of Contents.
- 3.2.2 <u>General Information work package **demil_ginfowp>**. The General Information work package shall consist of information as described in the following paragraphs (as required).</u>
- 3.2.2.1 <u>Work package metadata < wp.metadata ></u>. Work package metadata may be included (see MIL-HDBK-2361).
- 3.2.2.2 <u>Work Package Identification Information < wpidinfo></u>. Work package identification information is required for this work package.
- 3.2.2.3 Scope **<scope>**. The scope paragraph shall contain the following statement:

"This manual provides additional technical instructions covering the methods and degree of demilitarization of surplus military items as required by the Defense Demilitarization Manual, DoD 4160.21-M-1. DoD 4160.21-M-1, which contains the basic information on demilitarization, shall be used in

conjunction with this manual. Where this manual conflicts with DoD 4160.21-M-1, the latter takes precedence. Additional data may be obtained from DoD 4160.21-M, *Defense Technical Information Center (DTIC) Defense Disposition Manual*."

3.2.2.4 <u>Authorization < authorization ></u>. This paragraph shall contain the following statement:

"Demilitarization of surplus military materiel shall be limited to that which the National Inventory Control Points (NICP) has identified as requiring demilitarization. Demilitarization of those items which are not normally physically accepted by a Defense Reutilization and Marketing Officer (DRMO) will be accomplished by the activity having physical custody of the property upon completion of all required utilization and donation screening. Such action will be coordinated with a DRMO. Where appropriate, demilitarization of this property may be accomplished as a condition of sale, provided that there are effective controls and surveillance to assure proper demilitarization. Where the DRMO is the custodian of the property and is unable to perform required demilitarization, DRMO may require demilitarization as a condition of sale, with proper inspection and surveillance, or may obtain assistance from activity turning in the property."

3.2.2.5 <u>Certification **<demil-certification>**</u>. This paragraph shall contain the following statement:

"A certificate reading substantially as quoted below and signed by two qualified Government representatives will be executed and placed in the applicable contract or property disposal file for all items demilitarized.

'I certify that (*indicate items*) were demilitarized in accordance with (*cite specific instructions which were complied with; for example, Defense Demilitarization Manual, DoD 4160.21- M-1, and/or TM number.*)'''

- 3.2.2.6 <u>Reporting demilitarization<demil-reporting></u>. This paragraph shall contain any necessary reporting requirements concerning the accomplishment of demilitarization. If none, this paragraph shall be omitted.
- 3.2.2.7 <u>Special information **demil-spec info>**</u>. This paragraph shall be used to present any general information not covered elsewhere within the specification. If no such information is required, this paragraph shall be omitted.
- 3.2.3 Methods of Demilitarization Work Package <demil methodswp>. When included, this work package shall contain a brief description of the methods used to demilitarize surplus equipment, parts, and supplies. For each method, it shall include a list of equipment required, warning and safety instructions, and the procedures to be followed. Only those methods which are actually used to demilitarize the equipment covered in the manual shall be included. Where only one method is used and the method is a simple one, this work package may be combined with the detailed instructions.
- 3.2.3.1 <u>Work package metadata < wp.metadata ></u>. Work package metadata may be included (see MIL-HDBK-2361).

- 3.2.3.2 <u>Work Package Identification Information < wpidinfo></u>. Work package identification information is required for this work package.
- 3.2.3.3 <u>Initial Setup Information < wpinfo></u>. Initial setup information is not required for this work package.
- 3.2.3.4 <u>Descriptive methods of demilitarization < descriptive methods</u>>. Descriptive methods shall be prepared when general descriptions of demilitarization are included. Examples of these methods are crushing, cutting, burning, welding, smelting, shearing, torching, chemical neutralization, or a combination thereof.
- 3.2.3.5 <u>Procedural methods of demilitarization < procedural methods</u>. Procedural methods shall be prepared when more detailed descriptions of the demilitarization process are included. Examples where more detailed instructions may be needed include use of explosives or processes potentially hazardous to the environment.
- 3.2.4 Detailed instructions for Demilitarization Work Package <demil_detailwp>. This work package shall include detailed information on the demilitarization of individual or types of items. This information shall include a description of the operation, identification of the methods to be used and their points of application, inspection, warnings, and safety precautions. The methods selected shall be the most practical and economical way of destroying the military offensive or defensive advantages inherent in the materiel being demilitarized. Illustrations may be used if necessary for clarity. For an example of a demilitarization procedure, see FIGURE 5.
- 3.2.4.1 <u>Work package metadata **<wp.metadata>**</u>. Work package metadata may be included (see MIL-HDBK-2361).
- 3.2.4.2 <u>Work Package Identification Information < wpidinfo></u>. Work package identification information is required for this work package.
- 3.2.4.3 <u>Initial Setup Information < wpinfo></u>. Initial setup information is required for this work package.
- 3.2.4.4 <u>Procedures < proc></u>. Procedural steps shall be used to present detailed step-by-step instructions for demilitarizing surplus military items. Subordinate steps may be used to differentiate an expert step from a novice step. When subordinate steps are used in combination with an expert step, the subordinate steps should appear indented under the expert step.
- 3.2.5 <u>References Work Package < refwp></u>. This work package shall list all publications referenced in the manual and required by the user to demilitarize the materiel covered in the manual. It shall consist of a scope and publication list(s). For an example, see <u>FIGURE 6</u>.
- 3.2.5.1 Work package metadata < wp.metadata >. Work package metadata may be included (see MIL-HDBK-2361).
- 3.2.5.2 <u>Work Package Identification Information < wpidinfo></u>. Work package identification information is required.
- 3.2.5.3 <u>Initial Setup Information **<wpinfo>**</u>. Initial setup information is not required for this work package.
- 3.2.5.4 <u>Scope <scope></u>. A brief statement concerning the use and content of the references work package shall be prepared.

- 3.2.5.5 <u>Publication list <**publist>**</u>. Individual paragraphs shall be prepared for each publication type. All related/referenced publications, with the exception of those publications that are currently unpublished, shall be listed. The publications shall be listed in groups by publication types. This list shall identify the publication by number <**name>/<extref>/<itle> in alphanumerical sequence. If the publication is non-government, the source shall be given and the publications shall be listed alphabetically by title. When a list of applicable publications (LOAP) is published, this work package shall reference the LOAP.**
- 3.2.6 <u>Rear Matter < demil-rear></u>. Unless otherwise specified by the contracting activity (see 6.2), the rear matter shall consist of the information listed in the following paragraphs.
- 3.2.6.1 <u>Glossary < glossary ></u>. When specified by the contracting activity (see 6.2), a glossary shall be prepared in accordance with MIL-STD-40051-2.
- 3.2.6.2 <u>Alphabetical index **<aindx>**</u>. When specified by the contracting activity (see 6.2), an alphabetical index shall be prepared in accordance with MIL-STD-40051-2.
- 3.2.6.3 <u>Authentication page **<authent>**</u>. The authentication page, provided by the contracting activity (see 6.2), shall be the last printed text page of the TM or if foldout pages exist, the authentication page shall be the last printed text page before the foldout pages.
- 3.2.6.4 Recommended Changes to Publications and Bland Forms DA Form 2028 < da2028>. One filled-out sample copy of DA Form 2028, provided by the acquiring activity, and a minimum of three blank DA Forms 2028 with the TM number, date, and title shall be included and shall precede the authentication page of every unclassified TM (except for oversize TMs, pocket-size TMs, and TMs with less than eight pages). The completed sample shall include guidelines for completing the form.
- 3.2.6.5 <u>Foldout pages **<foldsect>**</u>. If foldout pages are approved by the acquiring activity, they shall be the last printed material.
- 3.2.6.6 <u>Back cover **<back>**.</u> The outside back cover shall be blank except for classified TMs. For classified TMs, security classification markings shall be included on the back cover. When applicable, a metric conversion table, covering applicable units included in the TM, shall be placed on the inside back cover.

4. VERIFICATION

4.1 <u>Verification</u>. Verification shall be as specified by the contracting activity in the contract or order (see 6.2).

5. PACKAGING

5.1 <u>Packaging</u>. For acquisition purposes, packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of material is to be performed by Department of Defense (DoD) or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Service or Defense Agency, or within the military service's system command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES.

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

- 6.1 <u>Intended use</u>. The manuals prepared in accordance with this specification provide Army and Defense Supply Agency (DSA) (as integrated DoD Disposal Manager) personnel with procedures for and information about demilitarization of surplus military items.
- 6.2 Acquisition requirements. Acquisition documents should specify the following:
 - a. Title, number, and date of this specification.
 - b. Title and publication number of the manual(s) to be prepared.
 - c. Description of target audience and reading grade level (see 3.1.3).
 - d. Line drawings, unless otherwise specified (see 3.1.4).
 - e. Size of TM (see 3.1.6).
 - f. Format of horizontal technical manual (if applicable), unless specified (see 3.1.6.2).
 - g. Composition of front matter (see 3.1.2).
 - h. Glossary for technical manual (see 3.2.6.1).
 - i. Verification requirements (see 4.1).
 - j. Packaging requirements (see 5.1).
 - k. Specification tailoring by selection of optional requirements on the content/format selection summary (see A.1).
- 6.3 <u>Technical Manuals (TMs)</u>. The requirement for TMs should be considered when this specification is applied on a contract. If TMs are required, specifications and standards that have been assigned an Acquisition Management Systems Control (AMSC) number must be listed on a separate Contract Data Requirements List (DD Form 1423), which is included as an exhibit to the contract. The TMs must be acquired under separate contract line item in the contract.

6.4 Definitions.

- 6.4.1 <u>Contracting activity</u>. The DoD component, activity, or organization of a using military service, or that organization designated by a using service, which is responsible for the selection and determination of requirements for TMs.
- 6.4.2 <u>Warning</u>. A statement or other notification about an operation or maintenance procedure, practice, or condition that, if not strictly observed, could result in the injury or death of the personnel performing the operation or maintenance.
- 6.5 Subject term (keyword) listing.
 - a. DoD Disposal Manager
 - b. How to destroy
- 6.6 <u>Changes from previous issue</u>. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

TM 43-0003-16

DEMILITARIZATION PROCEDURES FOR CHAPARRAL AIR DEFENSE GUIDED MISSILE SYSTEM

<u>DISTRIBUTION STATEMENT A</u> – Approved for public release; distribution is unlimited.

<u>WARNING</u> - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22 U.S.C. Sec 2751 *et seq.*) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., App. 2401 *et seq.* Violations of these export laws are subject to severe criminal penalties. .25.Disseminate in accordance with provisions of DoD Directive 5230

<u>HANDLING AND DESTRUCTION NOTICE</u> – Comply with distribution statement and destroy by any method that will prevent disclosure of contents or reconstruction of this document.

HEADQUARTERS, DEPARTMENT OF THE ARMY, Washington, D.C. February 1986

FIGURE 1. Example of a front cover.

TM XX-XXX-XX

WARNING SUMMARY

This warning summary contains general safety warnings and hazardous materials warnings that must be understood and applied during operation and maintenance of this equipment. Failure to observe these precautions could result in serious injury or death to personnel. Also included are explanations of safety and hazardous materials icons used within the technical manual.

FIRST AID

For first aid not included in the Warnings refer to FM 4-25.11.

GENERAL SAFETY WARNINGS DESCRIPTION

WARNING

Some objects covered in this manual are heavy and need two soldiers to lift them.

FIGURE 2. Example of warning summary.

TM 43-0003-34

HEADQUARTERS, DEPARTMENT OF THE ARMY Washington, D.C., 10 November 1987

DEMILITARIZATION PROCEDURES FOR MULTIPLE LAUNCH ROCKET SYSTEM

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located in the back of this manual directly to: Commander, U.S. Army Missile Command, ATTN: SFAE-MSL-ML, Redstone Arsenal, AL 35898-5700. You may also send your recommended changes via electronic mail or by fax. Our fax number is DSN 746-0219 or commercial (205) 876-0219. Our e-mail address is cswann@redstone.army.mil. A reply will be furnished to you.

<u>DISTRIBUTION STATEMENT C</u> - Distribution authorized to Department of Defense and DoD contractor only to protect critical technical data on systems or hardware. This determination was made Oct 1986. Other requests shall be referred to Department of the Army, Program Executive Office, Tactical Missiles, MLRS Project Office, ATTN: SFAE-MSL-ML-LO, Redstone Arsenal, AL 35898-5700.

<u>WARNING</u> - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22 U.S.C. Sec 2751 et seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., App. 2401 et. seq. Violators of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

<u>DESTRUCTION NOTICE</u> – Comply with distribution statement and destroy by any method that will prevent disclosure of contents or reconstruction of the document.

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FIGURE 3. Example of a title block.

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Figure 7. Arrangement of Detonating Charges for Demolition
Of One Chaparral Missile4 00-4
Figure 8. Initiation Systems
Figure 9. Initiating Charge4 00-7
Demilitarization Requirements for Chaparral Weapon System MissilesWP 5 00
Carrier and Launching StationWP 6 00
Table 1 6 00-1
Table 2 6 00-2
Table 3 6 00-2
Table 4 6 00-2
Test EquipmentWP 7 00
FLIR
References

ii

FIGURE 4. Example of a Table of Contents.

	TM 43-0003-16	4.00
DETAILE	FIELD MAINTENANCE D DEMILITARIZATION BY DETONA	TION
INITIAL SETUP:		
Not Applicable		
Demilitarization by Detonati	on	

General

- 1. The number of components that may be demilitarized at any one time shall be limited to safe and efficient quantities. Only one rocket motor or intact missile may be demilitarized in area at any Preparing a Detonating Cord Firing System one time.
- 2. The destruction site must be a minimum distance of 2,400 feet from inhabited buildings, public railways, public highways, magazines, and operating buildings as outlined in AMCR 385-100 or TM 9-1300-206.
- 3. The area around the site must be cleared of dry grass, leaves, and other flammable materials for a radius of 200 feet.
- 4. Explosive items awaiting demilitarization will be stored not less than intraline-distance from the site and will be protected against accidental ignition by combustible material.
- 5. Local procedures shall be prepared by commands, installations, and establishments having a Chaparral missile explosive component demilitarization responsibility. These procedures should be tailored to the location, facilities, and equipment to be utilized and must be approved by proper authorities prior to implementation.
- 6. Personnel involved in the detonation of class V components will be instructed as to their specific duties. This instruction will be conducted prior to participation in detonation operations by the person responsible for the demilitarization activity.
- 7. Personnel concerned with any phase of demilitarization of class V components should be thoroughly familiar with the provisions of TM 9-1375-21312, FM 5-25, and other existing directives and regulations as applicable. Destruction of explosive material will never be attempted by inexperienced or untrained personnel.
- 8. The number of persons engaged in the destruction of class V items, at any one operation, will be the minimum necessary for a safe and efficient operation. Personnel limits should be consistent with the amount of work to be done; under no circumstances should one person be permitted to work in an explosive operation unobserved.
- Misfires should not be investigated for at least 30 minutes after failure occurs. Instructions
 contained in TM 9-1375-213-12 and FM 5-25 should be followed when investigating any type of
 misfire during demilitarization operations.

4 00-1

FIGURE 5. Example of detailed demilitarization information.

TM 43-0003-16 9 00

REFERENCES

Scope

This manual provides additional technical instructions covering the methods and degree of demilitarization of surplus military items as required by the Defense Demilitarization Manual, DoD 4160.21 M 1. DoD 4160.21 M 1, which contains the basic information on demilitarization, shall be used in conjunction with this manual. Where this manual conflicts with DoD 4160.21 M 1, the latter takes precedence. Additional data may be obtained from DoD 4160.21- M, *Defense Technical Information Center (DTIC) Defense Disposition Manual*.

References

AMC-R 385-100 AMC Safety Manual

DoD 4160.21-M Defense Reutilization and Marketing Manual

4160.21-M-1 Defense Demilitarization Manual DoD

TB 9-298 Destruction of Classified Ordnance-Procured Items of Guided Missile Materiel

AR 755-2 Disposal of Excess, Surplus, Foreign Excess, Captured, and Unwanted Materiel

AMC-R 755-3 Mechanical Accounting Procedures for Property Disposal Activities

AR 755-1 Reporting, Utilization, and Redistribution of Installation, U.S. Army

AR 725-50 Materiel Command, and Overseas Command Excess Personal Property

Requisitioning, Receipt, and Issue System

AMC-R 740-3 Storage and Shipment of Supplies and Equipment

AR 380-5 Department of Army Information Security Program

AR 385-11 Ionizing Radiation Protection (Licensing, Control, Transportation, Disposal, and

Radiation Safety)

TM 3-261 Handling and Disposal of Unwanted Radioactive Material

DA Pam 738-750 The Army Maintenance Management System (TAMMS)

DMRL 750-9 Depot Maintenance Reference List for CHAPARRAL Air Defense Guided

Missile System

TM 9-1425-585-L-1 List of Applicable Publications (LOAP) for CHAPARRAL Air Defense Guided

Missile System

END OF WORK PACKAGE

9 00-1

FIGURE 6. Example of References.

CONTENT/FORMAT SELECTION MATRIX FOR DEMILITARIZATION OF SURPLUS MILITARY ITEMS, PREPARATION OF

A.1 GENERAL.

- A.1.1 <u>Scope.</u> This appendix may be used to tailor out the optional requirements that are not to be contractually imposed in the acquisition of Preparation of Demilitarization of Surplus Military Items TMs. The information contained herein is intended for compliance when the Content/Format Selection Matrix is completed by the Government.
- A.1.2 <u>Application</u>. This application is intended to be copied/reproduced, completed, used for contract solicitation, and incorporated into the contract.
- A.1.3 <u>Tailoring</u>. The contracting activity should evaluate the individual requirements of this specification to determine the extent to which they are most suitable for the acquisition and modify the requirements to ensure that each achieves the optimal balance between operational needs and cost. Exclusions of sections, paragraphs, or sentences shall be indicated on the Content/Format Selection Matrix. When necessary, remarks should be expanded and included on a separate sheet of paper attached to the Matrix List. In all cases, tailoring shall be compatible with this specification.
- A.1.4 Explanation of columns. Content/format selection matrix. Column 1, TM Content, is self-explanatory. Column 2, Demil, is the type of requirement where R indicates "REQUIRED" content and P indicates content that is "PROHIBITED". Shaded cells indicate that content shall be required when needed to support the equipment. Column 3, MIL-PRF-63033 Reference, identifies the applicable paragraph in this specification. Column 4, Element Name, is self-explanatory.

A.2 APPLICABLE DOCUMENTS. This section is not applicable to this appendix.

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Table 1. Content Matrix for Demil.

Table TM Requirements Matrix for Demilitarization of Surplus Military Items, Preparation of				
TM Content	MIL-PRF-63033C Reference	Element Name		
FRONT MATTER	R	<u>3.2.1</u>	<demil.frnt></demil.frnt>	
Front cover	R	<u>3.2.1.1</u>	<frntcover></frntcover>	
Title	R	3.2.1.1.1	<tmtitle></tmtitle>	
Notices	R	3.2.1.1.2	<notices></notices>	
Supersedure notice (for revisions only)		3.2.1.1.2.1	<super></super>	
Distribution Statement	R	3.2.1.1.2.2.	<dist></dist>	
Export Control Warning		3.2.1.1.2.3	<export></export>	
Destruction Notice		3.2.1.1.2.4	<destr></destr>	
Warning Summary		3.2.1.2	<warnsum></warnsum>	
Change transmittal page		<u>3.2.1.3</u>	<chgsheet></chgsheet>	
List of Effective Pages/Work Packages	R	3.2.1.4	<loepwp></loepwp>	
Title block page	R	<u>3.2.1.5</u>	<titleblk></titleblk>	
Table of contents	R	3.2.1.6	<contents></contents>	
GENERAL INFORMATION WORK PACKAGE	R	3.2.2	<demil_ginfowp></demil_ginfowp>	
Work package metadata		3.2.2.1	<wp.metadata></wp.metadata>	
Work Package Identification Information	R	3.2.2.2	<wpidinfo></wpidinfo>	
Scope	R	3.2.2.3	<scope></scope>	
Authorization	R	3.2.2.4	<authorization></authorization>	
Certification	R	<u>3.2.2.5</u>	<demil-certification></demil-certification>	
Reporting demilitarization	R	3.2.2.6	<demil-reporting></demil-reporting>	
Special information	R	3.2.2.7	<demil-spec_info></demil-spec_info>	
METHODS OF DEMILITARIZATION WORK PACKAGE	R	3.2.3	<demil-methodswp></demil-methodswp>	
Work package metadata		<u>3.2.3.1</u>	<wp.metadata></wp.metadata>	
Work Package Identification Information	R	3.2.3.2	<wpidinfo></wpidinfo>	
Initial Setup Information		3.2.3.3	<wpinfo></wpinfo>	
Descriptive methods of demilitarization	R	3.2.3.4	<descriptive_methods></descriptive_methods>	
Procedural methods of demilitarization	R	<u>3.2.3.5</u>	<pre><pre>cprocedural_methods></pre></pre>	
DETAILED INSTRUCTIONS FOR DEMILITARIZATION WORK PACKAGE	R	3.2.4	<demil_detailwp></demil_detailwp>	
Work package metadata	R	3.2.4.1	<wp.metadata></wp.metadata>	
Work Package Identification Information	R	3.2.4.2	<wpidinfo></wpidinfo>	
Initial Setup Information	R	3.2.4.3	<wpinfo></wpinfo>	
Procedures	R	3.2.4.4	<pre><pre><</pre></pre>	
REFERENCES WORK PACKAGE	R	<u>3.2.5</u>	<refwp></refwp>	
Work package metadata		<u>3.2.5.1</u>	<wp.metadata></wp.metadata>	

Table TM Requirements Matrix for Demilitarization of Surplus Military Items, Preparation of				
TM Content	Demil	MIL-PRF-63033C Reference	Element Name	
Work Package Identification Information	R	3.2.5.2	<wpidinfo></wpidinfo>	
Initial Setup Information		3.2.5.3	<wpinfo></wpinfo>	
Scope	R	3.2.5.4	<scope></scope>	
Publication list	R	<u>3.2.5.5</u>	<publist></publist>	
REAR MATTER	R	3.2.6	<rear></rear>	
Glossary		<u>3.2.6.1</u>	<glossary></glossary>	
Alphabetical index		<u>3.2.6.2</u>	<aindx></aindx>	
Authentication page	R	3.2.6.3	<authent></authent>	
Recommended Changes to Publications and Bland Forms DA Form 2028	R	3.2.6.4	<da2028></da2028>	
Foldout pages		<u>3.2.6.5</u>	<foldsect></foldsect>	
Back cover	R	3.2.6.6	<back></back>	

Legend:

R Required
P Prohibited
Shaded As Required

Completed by:			
	(authorized signature)		
Publications Activity: _		_ Date _	

CONCLUDING MATERIAL

Custodian: Preparing Activity: Army - TM Army - TM

Review Activities: (Project TMSS-2008-009)

Army - AR, AT, AV, CR, MI

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