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MILITARY SPECIFICATION

MANUALS, TECHNICAL: WORK UNIT CODE

This specification is approved for use within the Department of the Air Force , and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This requirement prescribes the requirements for the development and preparation of Work Unit Code (WUC) manuals for Air Force equipment.

1.2. Purpose: Under the Air Force Data Collection System, each maintenance action performed on Air Force equipment must be fully and accurately documented. The volume of data collected requires the use of automatic data processing techniques. The use of automatic data processing (ADP) equipment requires that the data input be coded in such a manner that it can be "read" by the data processing machines. Standard codes have been developed for recording the type of maintenance being performed, the action taken to correct a deficiency, when a deficiency was discovered, and the type of malfunction that occurred. Identification codes, called Work Unit Codes, are used to identify the specific assembly or part within an end item on which an action was performed. Each work unit code manual shall contain complete listings of all "Work Unit" (support general and equipment identification), "Unique Data Codes for MCS Maintenance Cost System", "Type Maintenance," "Action Taken," "When Discovered," and "How Malfunctioned" codes applicable to the equipment covered by the manual.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. Unless otherwise specified, the following specifications, standards, and handbooks of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this specification to the extent specified herein.

Specifications

Military

MIL-M-38784	Manuals, Technical, General Style and Format Requirements
MIL-P-38790	Printing Production of Technical Manuals: General Requirements for:
MIL-B-83931	Binders, Flexible: Technical Manual

2.1.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this specification to the extent specified herein.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: HQ AFLC/LOLME, Wright-Patterson AFB, OH 45433, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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PUBLICATIONS

Air Force

AFR 80-14	Test and Evaluation of Systems, Subsystems and Equipment
AFR 205-1	Information Security Program
AFR 66-1	Maintenance Management
AFR 300-4	Data Elements and Codes
AFLCM 66-14	AF Technical Order System Data Operations

Technical Orders

OO-5-1	Air Force Technical Order System
OO-20-1	Preventive Maintenance Program, General Requirements and Procedures
OO-20-2 (Series)	The Maintenance Data Collection System
OO-25-06 (Series)	Work Unit Code Manuals
43-1-06-2	Flight Simulators, Cockpit Procedure Trainers
43-1-06-3	Radio and Radar Training Equipment
43-1-06-4	Missile Training Equipment
43-1-06-5	Armament Trainers, Physiological Trainers, Miscellaneous Trainers and Classroom Aids

(Copies of specifications, standards, handbooks, drawings, and publications required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

2.1.3 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence.

3. REQUIREMENTS

3.1 Preparation. The general manner of development and preparation of work unit code manuals shall be in accordance with the requirements of MIL-M-38784 and MIL-P-38790.

3.1.1 Mechanization. When punched cards or preparation of code manuals utilizing ADP procedures are specified, this shall be accomplished in accordance with the requirements of AFLCM 66-14.

3.1.2 Binders. When the contract specifies that printed copies of the manuals shall be delivered in binders, such binders shall be in accordance with MIL-B-83931.

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WORK UNIT CODE	
73000	BOMBING NAVIGATION
73FCO	AN/AJN-8 HEADING VERTICAL REFERENCE SET INSTL (CONT)
73FCC	Electronic Control and Power Supply
73FCD	Amplifier
73FCE	Amplifier Azimuth
73FCF	Compensator
73FCG	Integrator Bias
73FDO	J-4 COMPASS INSTL
73FDA	Control, Directional
73FDB	Amplifier, Servo
73FDC	Servo, Azimuth
73FEO	COMPASS AMPLIFIER INSTL
73FEA	Amplifier, Compass Signal Power, Type ME-1
73FEB	Amplifier, Compass Signal Power, Type C-1
73F99	NOC

FIGURE 1. Sample Page

3.1.3 Preliminary and formal manual size. The page size of preliminary manuals shall be determined by the acquiring activity. Formal manuals shall be prepared in 4 by 8 inch size, except training and support equipment formal WUC manuals which shall be prepared in 8½ by 11 inch size.

3.1.4 Style of type. Each line entry with a zero in the fifth character of the work unit code shall be in uppercase type. Each line entry with other than a zero in the fifth character of the work unit code shall be in lower case type with the first letter of each word in upper case (see figure 1). In the event that automatic data processing equipment is utilized for preparation of reproducible copy, upper case (machine printout) type will be utilized exclusively.

3.1.5 Columnar arrangement. All material shall be in single column format, except that training and support equipment WUC manuals may be in double column format. There shall be a spaced separation between work unit code line entries (excluding support general codes) in upper case type from the preceding line. An indenture space to the right may be used for entering the code definition (nomenclature) for the third, fourth, and fifth positions of the work unit code if specified by the procuring activity. For example, the code definition for 21100 would be indented to the right of the code definition for 21000. In the event that electronic data processing equipment is used for preparation of reprducible copy, the spacing and indentures will be in accordance with AFLCM 66-14.

3.1.6 Page numbering. Pages containing work unit codes shall be numbered in the lower-outer corner of each page by the work unit code system (or homogeneous group) number and consecutive page number. For example: the first page of the support general codes shall be 01-001, and the eleventh page of inertial guidance systems codes shall be 62-011. NOTE: Support General Codes 01000, 02000, 05000, 06000, 07000, and 09000 will be listed on pages prefixed 01-. Codes 03- and 04- will appear on pages prefixed 03- and 04 respectively. Unique Data Codes for MCS (Maintenance Cost System) though not support general codes, will be listed in the support general codes portion of the manual and numbered 05-001.

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3.2 Contents

3.2.1 Title Page. An effectivity date statement will be included on the title page above the authority notice for each new code manual, similar to the following: "The effectivity date of this publication is 1 December 1981. Codes in this publication shall not be used prior to that date." All subsequent work unit code manual changes, supplements or revisions that contain a change to a work unit code from one nomenclature to another shall contain an effectivity date statement on the title page. The effectivity date will be established by the Air Force activity responsible for the management of the work unit code manual and provided to the contractor. The effectivity date shall be a minimum of 30 days subsequent to the actual distribution date. All effectivity dates shall be the first day of the month.

3.2.2 List of effective pages. A list of effective pages shall be prepared in accordance with the requirements of MIL-M-38784.

3.2.3 Table of contents. Depending on the concept under which the code manual is to be prepared (see 3.3.), the table of contents shall list the code manual contents in the order shown in 3.3.1 or 3.3.2 in conjunction with the appropriate page reference. The cover page and list of effective pages shall not be included in the Table of Contents. The work unit code pages shall not be included in the Table of Contents. The work unit code listing shall be comprised of the first two characters of the support general and equipment end item (except for homogeneously grouped items as noted below), and the title or narrative description of each code listed. Homogeneously grouped items will be listed under the homogeneous group title in alphabetic sequence by end item nomenclature with the complete end item work unit code contained in the code column of the Table of Contents.

Example:

TABLE OF CONTENTS

CODE NO.		PAGE
	Table of Contents	I-01
	Preface	II-01
	Type Maintenance Codes (Aircraft)	III-01
	Type Maintenance Codes (Engines)	IV-01
	Action Taken Codes	V-01
When Discovered Codes		VI-01
How Malfunctioned Codes	Avionic/Electrical/Computer (Alphabetic Sequence)	VII-01
How Malfunctioned Codes	Physical/Mechanical (Alphabetic Sequence)	VIII-01
How Malfunctioned Codes	No Defect (Alphabetic Sequence	IX-01
How Malfunctioned Codes	Engine Related (Alphabetic Sequence)	X-01
	Observed or Recorded Operational Conditions	X-01
	Identified Components	X-02
	Condition Monitoring	X-03
	Chance Occurrence	X-04
	Managerial Decision	X-05
	No Defect	X-06
How Malfunctioned Codes	Avionic/Electrical/Computer (Numeric Sequence)	XI-0
How Malfunctioned Codes	Physical/Mechanical (Numeric Sequence)	XII-01
How Malfunctioned Codes	No Defect (Numeric Sequence)	XIII-01
How Malfunctioned Codes	Engine Related (Numeric Sequence)	XIV-01
	Observed or Recorded Operational Conditions	XIV-01
	Identified Components	XIV-02
	Condition Monitoring	XIV-03
	Chance Occurrence	XIV-04
	Managerial Decision	XIV-05
	No Defect	XIV-06

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Table of Contents (example) - continued.

	Support General Codes	
01-09 (except 03&04)	Support General Codes	01-01
03	Look Phase of Scheduled Inspections	03-01
04	Special Inspections	04-01
	Equipment Identification Codes	
RP	Re-Entry System MMIII	RP-01
RE	Re-Entry Vehicle MK 12 MOD 3	RE-01
RN	Re-Entry Vehicle MK 12 MOD 5R	RN-01

3.2.4 Preface. The preface shall be as outlined in Figure 2. The following note shall be in all -06 prefaces:

NOTE

Engine Maintenance Technicians must use a How Malfunction Code (HMC) from the engine related group. Other groups are not restricted e.g., 561- unable to adjust to limits- could be an electrical problem as well as a mechanical malfunction.

PREFACE

1. GENERAL

The complete details on use of codes printed in this manual are prescribed in AFR 66-1 and TO OO-20-2 series Technical Orders.

2. USE OF CODES

It is necessary to use codes for recording maintenance actions in order to convert this information into language for translation by accounting machines and computers. The maintenance forms are sent to Data Automation and the information recorded on them is punched into accounting machine cards. These cards are then mechanically processed periodically to produce reports for use in the management of the maintenance function, such as determining deficient material, facilities, or procedures. It is very important that all codes entered in the maintenance forms be accurate and clearly written so the keypunch machine operators can read and enter them in the punched cards correctly. The reports produced are significant only if the codes are accurate.

a. Work Unit Code. This code consists of five alphabetic and numeric characters and is used to identify the system, subsystem, and component which was worked on. The symbol NOC is the abbreviation for Not Otherwise Coded. The number 9 is used in the fourth and fifth characters of the work unit code followed by the abbreviation NOC and should only be used when an item does not have a specific work unit code assigned. NOTE: CE use code "OO NOC". An AFTO Form 22 may be submitted when a 99 NOC code is used due to lack of a work unit code for a reparable item. Items identified by an Asterisk between the work unit code and the code definition, require special documentation per the TO 00-20-series technical orders. These items include serially controlled, Reliability Improvement Warranty (RIW) or Time Change Items. The Time Change Items are further identified by the abbreviation (TCI) following the item definition.

FIGURE 2. Sample preface requirements.

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NOTE

The following sentences shall be added to paragraph 2.a of the Foreword for each code manual prepared in accordance with the sectionalized manual concept (see 3.3).

This manual has been prepared in two sections; Section I containing work unit codes for the weapon system. Section II contains work unit codes for SE peculiar to the equipment listed in Section I. The Type Maintenance, Action Taken, When Discovered, How Malfunctioned, and Support General Codes are contained in Section I of this manual.

b. Unique Data Codes for MCS. This code consists of five alphabetic or numeric characters and is used to identify direct labor manhours expended in other than direct labor, i.e., Alert Duty, Detail, Leave, Training, etc.

c. Type Maintenance Code. This code consists of one alphabetic character and identifies the type of maintenance being performed, i.e., scheduled or unscheduled maintenance.

d. Action Taken Code. This code consists on one alphabetic or numeric character and identifies what work was done, i.e., the action taken.

NOTE: Collectively the Work Unit Code and the Action Taken Code identify a "unit of work" as defined in AFR 66-1.

e. When Discovered Code. This code consists of one alphabetic or numeric character and is used to describe at what time a discrepancy was discovered.

f. How Malfunctioned Code. This code consists of three numeric characters and is used to describe the equipment malfunction.

g. Standard Reporting Designator for 11N Work Unit Code Manuals only. The standard reporting designator is a three character code used to identify the type of equipment being reported on. The following codes are assigned to the equipment in this manual.

SRD	Equipment
YWW	MK-12 AVE (WUC REXXX, RPXXX, RRXXX)
GZC	Test Equipment (WUC TPXXX)
GY6	Handling Equipment (WUC JMXXX, JXXX)

NOTE

Technicians must use a How Malfunction Code (HMC) from the engine related codes for documenting the removal of an engine or engine part number item. Engine maintenance actions other than removals may use any appropriate HMC published in the WUC manual.

Other codes are not restricted e.g., 561- Unable to adjust to limits - could be an electrical problem or a mechanical malfunction.

3. SECURITY

When maintenance is being performed on classified equipment, the listing of a work unit code could possibly lead to a breach of security, such as betraying mission capability. Extreme caution should be exercised, and if any question exists, it will be resolved according to AFR 205-1 and other applicable directives.

FIGURE 2. Sample preface requirements - Continued.

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4. CHANGES TO CODES

a. The system codes in this manual are standard throughout the Air Force and will only be revised by official publication. Recommended changes to this manual regarding its use, format, procedures, or the Action Taken, When Discovered, How Malfunctioned, or Support General Codes will be submitted through command channels.

b. Recommended changes to Work Unit Codes or equipment listings in this manual shall be submitted on AFTO Form 22, in accordance with TO 00-5-1 to the following address:

NOTE: The acquiring activity shall specify the symbol of the office responsible for this manual and the applicable address.

5. SUPPORT EQUIPMENT

Support Equipment (SE) which is normally construed as end items of SE, in accordance with the definition in Section VI of TO 00-20-1, are identified with an "at" @ sign between the work unit code and its definition. This is intended to be a guide for filling out maintenance source documents.

6. TRAINING DEVICES ONLY

a. Due to the number of training devices of various types, separate manuals in the TO 43-1-06 series are prepared by groups as follows:

TO 43-1-06-2	Flight Simulators, Cockpit Procedure Trainers, Instrument Flying Trainers, and Navigation Trainers
TO 43-1-06-3	Radio and Radar Training Equipment (Including fire control, bombing-navigation, and electronic warfare).
TO 43-1-06-4	Missile Training Equipment
TO 43-1-06-5	Armament Trainers, Physiological Trainers, Miscellaneous Trainers and Classroom Aids

b. Training equipment which is installed on aircraft (target towing equipment, radar scorers) or connected into the missile system, and maintained by the using activity will be coded in the applicable weapon system work unit code manual.

c. Obsolescent and limited quantity training equipment is listed in a separate section in the back of each manual under Miscellaneous Trainer Codes. These codes will be used to code all training equipment not otherwise coded.

d. The following general equipment identification codes are common to all training equipment and shall be included as the last section in each training equipment work unit code manual.

Class I and III Training Equipment

ZYAOO	Class I Training Equipment Not Otherwise Coded.
ZY200	Class III Training Equipment Not Otherwise Coded.

The work unit code ZY000 is not an authorized code and shall not be used for documenting maintenance performed on Class I or III training equipment.

FIGURE 2. Sample preface requirements - Continued.

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7. CE ONLY

This paragraph will appear only in General type ground CE code manuals. The parentheses appearing in the first sentence will be replaced by the applicable system number. Complete details on use of the codes contained in this manual are prescribed in AFR 66-1 and OO-20-2 Series Technical Orders.

NOTE

This work unit code manual should only be used for reporting maintenance actions on equipment which is a part of system ( )L. Complete details on use of the codes contained in this manual are prescribed in AFM 66-1 and OO-20-2 Series Technical Orders.

FIGURE 2. Sample preface requirements - Continued.

3.2.5 Type maintenance, action taken, when discovered, and how malfunctioned codes. These codes are assigned and controlled through the medium of AFR 300-4. No changes or additions shall be made to these codes without prior approval in accordance with the requirements of AFR 300-4. The acquiring activity is responsible for selection of codes from AFR 300-4, and for assuring proper entries in the work unit code manual in accordance with this specification. The selected codes will be appended to the contract or work statement at time of contract award.

3.2.5.1 Type maintenance code. This code consists of one alphabetic character and identifies the type of work performed, i.e., scheduled or unscheduled maintenance.

This list shall include only those codes that are applicable to the equipment in the work unit code manual. (see AFR 300-4). The following notice shall be included in all work unit code manuals following the type maintenance codes for the basic type of equipment.

NOTE:

Refer to TO OO-25-06-2-1 for off-equipment shop type maintenance codes.

3.2.5.2 Action taken code. This code consists on one alphabetic or numeric character and identifies what work was done, i.e., the action taken. Collectively, the work unit codes and the action taken code identify a "unit of work" as defined in AFR 66-1. Example: Work Unit Code 23130, Igniter Assembly, Action Taken Code R - Remove and Replace. The complete list of action taken codes shall be included in the code manual. (see AFR 300-4).

3.2.5.3 When discovered code. This code consists of one alphabetic or numeric character and identifies when a defect was discovered, or when a maintenance requirement was discovered, i.e., during a periodic inspection, in-flight, etc. Only the When Discovered Codes for the equipment the WUC manual is applicable too shall be included in the manual. Then only that portion of the When Discovered Code definition that applies to the specific equipment contained in the WUC manual shall be included.

3.2.5.4 How malfunctioned code. This code consists of three numeric characters and is used to identify how the equipment malfunctioned; i.e., was it shorted; cracked; corroded;, etc. The How Malfunctioned Codes shall be listed in both alphabetic and numeric sequence, and shall contain only those codes that are applicable to the code manual. Example: Codes applicable to reciprocating engines will not be listed in TO 21M-AGM28A-06-1. (see AFR 300-4).

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3.2.5.4.1 Alphabetic and numeric sequence. The alphabetic and numeric sequence shall be further divided into avionics/electrical/computer; physical/mechanical; no defect; and engine related. Engine related HMCs are further divided and are restricted in that engine maintenance technicians must use a code from the engine related group.

3.2.6 Unique Data Codes for MCS. A list of Unique Data Codes for MCS is included in figure 3. These codes shall be included in the work unit code manuals following the last page of support general codes. They will be printed on one page and numbered 05-001.

UNIQUE DATA CODES FOR MCS
(Maintenance Cost System)

Data Code	Description
ALTØØ	Alert Duty. All manhours expended while waiting for alert aerospace vehicles to takeoff or land, such as strategic, defense, tactical, standing by for crash alert, or for alert missiles when no work is being accomplished. Not to be used for standby, awaiting work assignements, lag, or other delays, or when direct productive effort is being expended.
CMPØØ	Compensatory Time for Overtime. All direct assigned manhours excused from normal duty as a result of previously expended overtime manhours.
DTLØØ	Detail, Squadron or Base Duties. Manhours expended by direct labor personnel (labor code 100) performing on-base duties such as CQ, policing, building maintenance, driver, dining hall, parade, commanders call, general military training, non technical training, etc.
LVEØØ	Leave. Manhours excused from duty, pass, or official leave, military, medical or sick leave.
TRNØØ	Maintenance Training. Manhours expended in OJT, formal and informal maintenance technical training.

NOTE: These codes are to be used to account for manhours expenditures of personnel with an assigned "direct" labor code when performing one of the above functions. Documentation guidance for AFTO Form 349 entries is contained in OO-20-2 Series Technical Orders.

FIGURE 3. Unique data codes.

3.2.7 Work unit code. The Work Unit Code consists of five characters, and is used to identify the system, subsystem, and component on which maintenance is required, or on which maintenance was accomplished. The program manager or system manager (SM)/Item manager (IM) is responsible for correct and accurate support general and work unit code assignments in accordance with Appendix 1 to this specification. Trainer work unit codes are preassigned by OO-ALC/MMMM and no deviations are authorized except by OO-ALC/MMMM.

3.2.7.1 Used with but not part of. An item which extends the use of an equipment beyond its assigned functions and is issued for use with that equipment only under special circumstances is considered as used with but not part of that equipment. Work unit codes for these items will be included.

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3.2.8 Nomenclature. Each work unit code in the equipment identification listing shall reflect adequate information to properly identify all levels of assembly, and shall include the basic noun for each individual item that is coded. If official military type nomenclature has been assigned, it shall be used for identification. Part numbers may be used to identify items if no official nomenclature exists. Use the basic part number only, i.e., 47A102212-xx, rather than 47A102212-05. Approved abbreviations may be used when necessary.

3.2.9 Time change item and configured article identification. An asterisk shall be placed between the work unit code and its definition (nomenclature) for each time change, time significant or serially controlled item, which shall be identified and provided by the acquiring activity. The abbreviation TCI shall be entered in the parentheses following the definition (nomenclature) for time change items to differentiate between these items and time significant or serially controlled items. (see 2a of figure 2.)

3.2.10 End item identification. Each end item of equipment in the SE portion of the work unit code manual shall be identified by an "AT" @ sign between the work unit code and its nomenclature. This is intended to aid maintenance technicians in identifying what equipment should be entered in the "end item work unit code" block of the maintenance forms.

3.2.11 Mobile training sets (MTS) and resident training equipment (RTE). Maintenance on MTS and RTE is recorded by using the operational equipment work unit code manuals. When specified by the acquiring activity, items peculiar to the training equipment (not utilized in the operational equipment of the same type) shall be coded in the applicable operational equipment work unit code manual. The abbreviation MTS or RTE, as applicable, shall be entered in parentheses for these items following the code definition. Codes for peculiar training equipment shall be restricted to items on which it is essential to collect maintenance data, such as a motor to simulate actuation or actuating devices necessary to simulate functions. Such items shall be coded at the end of the applicable system codes following the operational equipment with adequate code spacing to permit expansion of operational equipment codes. The following sentence shall be added to the end of paragraph 2.a of the work unit code manual foreword when the preceding coding procedure is used: "The abbreviation (MTS or RTE, as applicable) identifies training equipment (Mobile Training Sets or Resident Training equipment) peculiar items included in this work unit code manual for recording purposes."

3.2.12 Site effectivity identification. Effectivity symbols may be used for identification of equipment that is not applicable to all sites (squadron or wing) of a specific MDS missile or space system. Numeric characters in parentheses between the work unit code and its nomenclature shall be used for this purpose, and shall be as specified by the acquiring activity. When effectivity symbols are used in accordance with this paragraph, an appropriate reference explaining their use will be included in the preface of the work unit code manual.

3.2.13 System code/end item code page entries. When a change occurs in the first or second position of the work unit code (system code), the next entry shall begin on a new right page. For example: following completion of code assignments for 11000, Code 12000 assignments shall be made on a new right page. A change from Code SP000 to Code BB000 shall also require entry on a new right page. Exception: Support General Codes.

3.2.14 New page entries. When work unit codes for a major system or lower level assembly are carried over to a new page, the first work unit code entry on the new page shall be (1) the system code and title; (2) following that line entry shall be the work unit code and title of the second level assembly (fourth character of the work unit code) followed by the abbreviation for continued, in parentheses. Example, assuming that the last code of the preceding page is 11AAA Aileron Actuator:

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11000	AIRFRAME	System
11AAO	OUTER PANEL (Cont)	Second Level Assembly
11AAB	Aileron Follow-up Cable Guide	Third Level Assembly

3.2.14.1 Work unit code column heading. The first line entry at the top of each work unit code column shall be the type of equipment to which the work unit codes apply. For example:

11000 - AIRFRAME

25000 - SOLID ROCKET

RAOOO - GUIDED MISSILE TEST SET

3.2.15 Skin diagrams. Skin and access panel diagrams shall be provided for System 11 (Airframe), 14 (Flight Controls), and 23 Nacelle-skin portion) when specified by the acquiring activity. The work unit codes developed and published will provide data on the skin/access panels only; the structure beneath being reportable by other codes.

3.2.15.1 Coded segments. Care must be exercised in selection of the individual skin and access panel areas to be shown on each illustration. The view of coded segments shall be clearly distinguishable as to location on the airframe. To provide this, two things shall be a part of each illustration.

a. Specific area. A small plan view of the aircraft with the specific area of the illustration shaded in, or a portion of the area being identified large enough to permit area identification shall be included. A worded description, such as outboard wing, shall also be included in each diagram.

b. Particular Area. The illustration shall show the particular area of the airframe structure as a background figure, with the skin and access panel diagrams shown as exploded parts.

3.2.15.2 Area site. In determining the area of skin panel size for individual coding, the rivet lines will normally be used as a boundary. It will be a matter of judgement to contain an area large enough to allow realistic data reporting and small enough to provide the ability to localize deficiencies. Each access panel which is assigned a number (other than a part number) shall be coded individually. (see figure 4).

3.3 Manual construction. Work Unit Code manual construction will vary depending on the concept dictated by the equipment it contains. The contents and arrangement of the work unit code manuals for the different concepts shall be as follows:

3.3.1 Two - section manual concept

Front Matter

Type Maintenance Codes

Action Taken Codes

When Discovered Codes

How Malfunctioned Codes (Alphabetic Sequence)

How Malfunctioned Codes (Numeric Sequence)

Work Unit Codes - Support General

Unique Data Codes for MCS (Maintenance Cost System)

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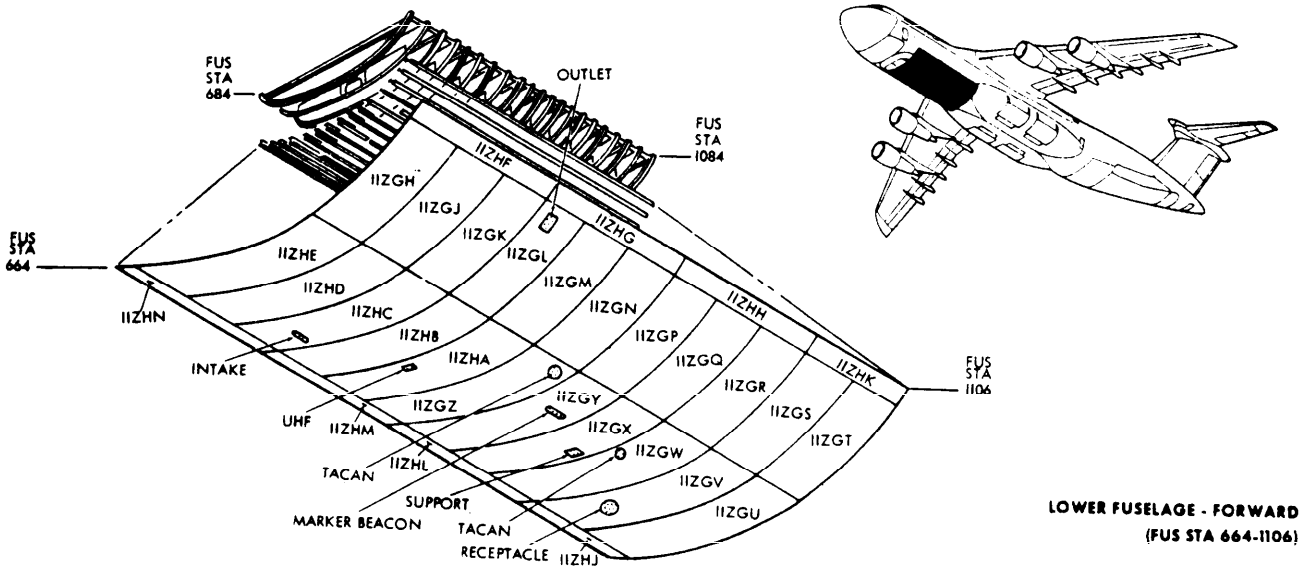

FIGURE 4, Sample Skin Diagram

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Section I

Work Unit Codes - Equipment Identification

Section II

System/Subsystem/Subject

3.3.2 Three section manual concept

Front Matter

Type Maintenance Codes

Action Taken Codes

When Discovered Codes (munitions and SE codes, when applicable, shall be in separate lists)

How Malfunctioned Codes (Alphabetic Sequence)

How Malfunctioned Codes (Numeric Sequence)

Work Unit Codes-Support General (Equipment and SE codes shall be separate lists)

Section I

Work Unit Codes-Equipment Identification (Equipment codes only)

Section II

Introduction (see figure 5)

Work Unit Codes - Equipment Identification (SE Codes only)

Section III

System/subsystem/subject number to work unit code

SECTION II

INTRODUCTION

This section of the manual contains work unit codes for support equipment (SE) that was specifically designed for, or is peculiar to, the equipment covered in Section I of this manual. This portion of the manual will be used by maintenance personnel to record maintenance tasks accomplished directly on the end items of SE or on SE components, or equipment undergoing repair, servicing, testing, calibration or bench check in specialized shops. The Type Maintenance, Action Taken, When Discovered, How Malfunctioned, and Support General codes are contained in Section I of this manual. Common work unit codes are contained in TO 00-25-06 series work unit code manuals.

FIGURE 5. Section II Introduction.

3.3.2.1 Sectionalization. Work unit code manual sectionalization for items requiring peculiar SE will be accomplished as follows:

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3.3.2.1.1 Section I. The first section of the manual shall be developed to include work unit codes for all equipment. This section will be utilized by maintenance personnel to record maintenance tasks accomplished directly on the end item, or on components or equipment undergoing repair, servicing, testing, calibration or bench check in specialized shops.

3.3.2.1.2 Section II. The second section shall be developed to include work unit codes for peculiar SE. This section will be used by maintenance personnel to record maintenance tasks accomplished directly on end items of SE or on SE components or equipment undergoing repair, servicing, testing, calibration or bench check in specialized shops. SE included in this manual shall be that which was specifically designed for, or is peculiar to, the equipment covered by the manual. SE that is commonly used in the Air Force will be included in the TO 00-06 series work unit code manuals. Clarification of equipment applicability shall be resolved by the applicable system manager (SM) through the acquiring activity.

3.3.2.1.3 System/subsystem/subject numbers. If the manual covered herein is to be used in conjunction with system/subsystem/subject numbers the last section (Section II or III) of the manual shall contain a listing of system/subsystem/subject number to work unit codes. The listing shall be in numeric sequence by system/subsystem/subject number.

3.3.2.1.3.1 Page numbering. Pages containing system/subsystem/subject numbers shall be numbered in the lower-outer corner of each page by the system/subsystem number and consecutive page numbers. For example: the first page of the engine turbin/turboprop/combusion section would be 72-30-01, and the sixth page of the landing gear/steering would be 32-50-06.

3.3.2.1.3.2 Page entries. When a change occurs in the system number, i.e., 20-21-, 22-, the next entry shall begin on a new right page.

3.4 Standardization. The acquiring activity shall assure that standardization, especially work unit code assignments, is effected in each code manual covered by this specification. When similar systems and components are used in two different series of the same mission design aircraft, such as the F-15 A/B and F-15 C/D, the first three characters of the work unit code shall be the same in both manuals. To the maximum degree practicable, the fourth and fifth characters of the work unit codes shall also be the same.

3.5 Test program. When the contract contains a requirement for the collection of AFR 66-1 type data during a test program (AFR 80-14 or equivalent), the contract will require that the manual be completed prior to the start of the test program. The contract will also provide that the contractor shall be responsible for making any necessary changes to the manual resulting from the test program, including the addition of new end items. Manuals shall contain

4. QUALITY ASSURANCE PROVISIONS

4.1 General. The requirements of MIL-M-38784 and MIL-P-38790 are applicable.

5. PREPARATION FOR DELIVERY

5.1 General. The requirements of MIL-M-38784 and MIL-P-38790 are applicable.

6. NOTES

6.1 Intended use. Refer to 1.2.

6.2 Ordering data. Acquisition document should specify:

a. Title, Number and date of this specification.

b. Form in which data is to be supplied. (3.1).

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c. Binder requirement (3.1.2).

d. Size of preliminary manual (3.1.3)

e. Columnar arrangement (3.1.5)

f. Effectivity date of publication (3.2.1)

g. Type maintenance, action taken, when discovered and how malfunctioned codes (3.2.5)

h. Work Unit Codes (3.2.7)

i. Time change items and configured article identification (3.2.9)

j. Mobile Training Sets (MTS) and Resident Training Equipment (3.2.11)

k. Site Effectivity Identification (3.2.12)

l. Skin Diagrams (3.2.15)

m. Manual Construction (3.3)

n. Standardization (3.4)

o. Test Program Requirements (3.5)

6.3 Data Requirements

When this specification is used in an acquisition which incorporates a DD Form 1423, Contract Data Requirements List (CDRL), the data requirements identified below shall be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the approved CDRL incorporated into the contract. When the provisions of DAR 7-104.9(n)(2) are invoked and the DD Form 1423 is not used, the data specified below shall be delivered by the contractor in accordance with the contract or purchase order requirements. Deliverable data required by this specification is cited in the following paragraphs.

Paragraph No.	Data Requirement Title	Applicable DID No.	Option
3.1	Technical Orders	DI-M-3407	Work Unit Code Manual

(Copies of data item descriptions required by the contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)

(Copies of data item descriptions required by the contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)

6.4 Superseding. This publication supersedes MIL-M-38769B, 1 November 1975; MIL-M-38768A, 15 April 1975; MIL-M-38783A, 15 April 1975; Mil-M-38805, 18 September 1973; MIL-M-38788A, 15 April 1975; MIL-M-38786A, 1 March 1975 and MIL-M-38717B, 1 January 1976.

6.5 Changes from previous issue. Asterisks are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the change.

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Custodian:
Air Force - 16

Review Activities:
Air Force - 01, 10, 99

User Activities:
Air Force - 11, 13, 14, 19, 70, 71, 79, 80, 82, 84

Preparing Activity:
Air Force - 16

(Project TMSS F474)

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Appendix

Work Unit Code Construction/Application

10. SCOPE

10.1 Scope. The Work Unit Code consists of five characters, and is used to identify the system, subsystem, and component on which maintenance is required, or on which maintenance was accomplished. This Apendix provides instructions for construction and application of Work Unit Codes. This Appendix is a mandatory part of the specification. The information contained herein is intended for guidance only.

20. APPLICABLE DOCUMENTS

20.1 Government documents. The following documents form a part of this appendix to the extent specified herein.

OTHER PUBLICATIONS

Technical Orders

00-20-1	Preventive Maintenance Program, General Requirements and Procedures
00-20-2	The Maintenance Data Collection System

30. WORK UNIT CODE APPLICATION AND CONSTRUCTION

30.1 Application of work unit codes. The primary purpose of work unit codes is to identify the hardware on which work was accomplished, and the relationship of hardware within a major assembly, sub-assembly, etc. Work unit codes shall not be assigned to locations, general terms or homogeneous group title. For instance, station numbers, geographic locations and terms such as mechanical components or miscellaneous equipment may be used as title to aid in locating work unit codes within the code manual, but these titles shall not have work unit codes assigned. Work unit codes should not be assigned to common hardware or soft-goods, such as nuts, bolts, washers, clamps, seals, packing and O-rings. Work on these type items is normally reported against the coded assembly to which the item is attached.

30.2 Work unit code - equipment identification. This is a five position code which identifies the end item, major assembly, subassembly, or component that required maintenance. The first two positions of the work unit codes will be assigned in accordance with Tables I thru VII and controlled by the acquiring activity to identify the end item of equipment. The third fourth characters include major assemblies and sub-asemblies, and identify first and second levels of assembly. The fifth position of the work unit code includes reparable/recoverable components and identifies the lowest level of assembly below the end items.

30.2.1 Support general codes. Support general codes are for recording production credit of repetitive tasks of a general nature, and shall not be used for recording malfunctions, repair, NRTS, or condemnation actions. The multitude of tasks which must be accomplished preclude listing them all in the support general tables (tables VIII and IV) provided. This is not intended to restrict documentation of tasks. All support general work must be identified to the most appropriate code. Support general code tasks not applicable to the equipment being coded shall not be included in the manual.

30.2.2 Scheduled and special inspections. Support general codes for scheduled and special inspections shall be selected from tables X thru XVIII, as applicable. Use of the assigned codes without change is mandatory. Approval for code

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changes or additions must be approved by HQ AFLC/LOLM prior to including them in the manual. Scheduled and special inspection codes not applicable to the equipment being coded shall not be included in the manual.

30.3 Functional system concept. The functional system concept shall be used for equipment breakout. A functional system shall consist of those units which make up a system without regard to whether the units are hydraulic, electrical, pneumatic, electronic, or mechanical in nature. The components which comprise a functional system shall be those compoenents which contribute to the actual function or activation of the system. For example, the components which supply the hydraulic or pneumatic source of power will be included under System 45, "Hydraulic-Pneumatic Power Supply", whereas a flight control actuator, which hydraulically operated, will be included under System 14, "Flight Control" which is a functional system. As another example, flight reference instruments, free air temperature and similar instruments will be included in System 51, "Instruments", whereas position indicators, temperature or pressure sensing, and auto pilot instruments will be included under the system that they function with, such as System 52, "Autopilot". The only exception to this rule is System 97, which will include all explosive devices regardless of the system with which they function or with which they are associated.

30.3.1 Munitions work unit code breakout. Munitions items of a complex nature and SE peculiar to nuclear munitions will be work unit coded as individual end items utilizing major assembly, sub-asembly/mod number, and component breakout. All other munitions, components, etc., will be homogeneously grouped and coded as mjaor asemblies of a specific group.

30.3.2 Mission, design, and series (MDS). Work unit code manuals shall be prepared to cover each basic mission and design aircraft, missile or spacecraft System code manuals may be prepared by individual series if specified by the acquiring activity. This will require that the AFLC Air Logistics Center System Manager (SM) assure that a standard reporting designator is assigned for that specific mission, design, and series in TO OO-20-2, Attachment 2.

30.3.3 Trainer application. Class II trainers, mobile training sets and resident training equipment shall not be coded in the training equipment work unit code manuals. Class III training equipment does not require detailed work unit codes; one code is presently assigned for recording productionc credit on Class III trainers. The criteria for establishing work unit codes for Class I training equipment is as follows: There must be five or more trainers in the inventory, or five or more trainers programmed for the inventory within the next fiscal year from time of determination. They shall be of sufficient cost or complexity to warrant detailed data analysis. This determination will not be predicated on cost alone.

30.4 Level of detail for each functional system. The work unit codes for each functional system/homogeneous group shall cover each reparable item in the functional system/homogeneous group as specified by the applicable source document. Work unit codes shall also be assigned to nonreparable components if they are known or suspected to be vital to successful system operation or to be significant manhour consumers. These items shall have a work unit code assigned in order to report those critical "on-equipment" actions for reliability and maintainability evaluation purposes. In some cases it may be necessary to arbitrarily assign "interface" type items of equipment to a functional system. This type of problem will arise in cases of interface connectors, tubing, couplings, wire, etc. These decisions will be made after primary consideration is given to the maintenance responsibilities and training of the technicians who are required to maintain the interface items of equipment. For example, if a piece of tubing with a regulator attached makes the interface between the pneumatic and engine systems, and the engine technician is responsible for adjustments and maintenance of the regulator, then the tubing and associated regulator will be assigned to the engine functional subsystem.

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30.5 Source data. Systems engineering data (i.e., engineering analysis data, equipment maintenance analysis data, and contract end item detail specifications) shall be used as source data for work unit code assignment. Maximum correlation between the component content of a contract end item and the assignment and grouping of work unit codes is desirable. When available concurrently with the code manual preparation, Illustrated Parts Breakdown Technical Manuals shall be used as source data in determining level of assembly.

30.6 Reserving codes for future use. It is essential that expansion capability be designed into each code manual in the third, fourth and fifth positions of the work unit codes to assure that new codes can be assigned for future modifications or additions of equipment. If adequate expansion capability was designed into the original codes, new equipment can be added without disturbing the original codes. Minimum code changes are essential to prevent loss of identity for previously complied maintenance data.

30.7 Reuse of codes. When existing work unit codes are deleted from a manual, they normally will not be reassigned for a minimum of ninety days following their deletion, nor without prior approval of the acquiring activity. If there is no other code or code sequence that can be used, work unit codes may b reassigned by the acquiring activity without waiting ninety days.

30.8 Work unit code construction.

30.8.1 Alphabetic and numeric codes. Uppercase letters A through Z (excluding I and O) and numbers Ø through 9 shall be utilized for work unit code assignments as specified in subsequent paragraphs. The letter I and O shall not be utilized in any work unit code in order to prevent confusion with the numbers one and zero.

30.8.2 End item code construction. The first two characters of the work unit code are alphabetic or numeric and identify the end item of equipment. These characters are assigned and controlled by the acquiring activity. No deviations are authorized without prior approval by the acquiring activity.

30.8.3 First level of assembly code construction. Alphabetic and numeric characters shall be used as the third character of the work unit code to designate first level of assembly below major system. Thirty-three (33) separate levels may be identified in this manner. For example:

33000 - SYSTEM

33A00 - FIRST LEVEL OF ASSEMBLY
thru
33Z00

then

33100 - FIRST LEVEL OF ASSEMBLY
thru
33900

30.8.4 Second level assembly code construction. Alphabetic and numeric characters shall be used as the fourth character of the work unit code to

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designate second level of assembly below major system. Thirty-three separate levels may be identified in this manner. For example:

33000 - SYSTEM

33A00 - FIRST LEVEL OF ASSEMBLY

33AA0 - SECOND LEVEL OF ASSEMBLY
thru
33AZ0

then

33A10 - SECOND LEVEL OF ASSEMBLY
thru
33A90

30.8.5 Third level assembly code construction. Alphabetic and numeric characters shall be used as the fifth character of the work unit code to designate third or lowest level of assembly below the major system. Thirty-two levels may be identified in this manner. The number "99" NOC are used in the fourth and fifth positions to indicate Not Otherwise Coded (NOC). For example:

33000 - SYSTEM

33A00 - FIRST LEVEL OF ASSEMBLY

33AA0 - SECOND LEVEL OF ASSEMBLY

33AAA - THIRD OR LOWEST LEVEL OF ASSEMBLY
thru
33AAZ

then

33AA1 - THIRD OR LOWEST LEVEL OF ASSEMBLY
thru
33AA8

33A99 - NOC (FIRST LEVEL OF ASSEMBLY)

NOTE: Numerics may be assigned first in the third, fourth and fifth positions of the work unit codes when there is positive assurance that the numeric coding capacity will not be exceeded during initial code assignment, or by future equipment additions or modifications.

30.8.6 Use of "99 - not otherwise coded". The number 9 is used in the fourth and fifth characters of the work unit code, followed by the abbreviation "NOC", which stands for "Not Otherwise Coded." This code is used to provide a work unit code for components that do not have specific codes assigned. NOC codes will relate to the first level of assembly when the first level of assembly is the third character of the work unit code. When the third character is the end item (homogeneous group), the NOC code will relate to the end item rather than the first level of assembly. the "99 NOC' code will appear as the last entry under the last component in the first level of assembly (or end item for homogeneous groups) breakout. There shall be a spaced separation between the last component of the first level of assembly/end item and the NOC code for that first level of assembly/end item to provide easy recognition of the NOC code. NOTE: The numbers 99 shall not be used in the fourth and fifth positions of the work unit code to identify any specific type of equipment.

30.8.7 Coding capability. The construction of work unit codes provides a capability to designate thirty-three first level assemblies (for other than homogeneously grouped items) and thirty-two third or lowest level assemblies.

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If equipment breakout exceeds these capabilities, it will be necessary to continue the listing with the next available code. For example:

33AA0 - DUAL PUMPING UNIT

33AA8 - Controller

33ABA - Controller Modulator

33A99 - NOC

Note the change in the fourth character of the work unit code.

30.8.8 Homogeneously grouped code construction. Exception to the above work unit codes construction will be taken when utilizing homogeneous grouping (for peculiar SE equipment). The first two characters will identify the homogeneous group, the third character will identify the end item, the fourth character will identify the first level of assembly and the fifth character will identify the lowest level of assembly. For example:

CA000	-	HOMOGENEOUS GROUP
CAA00	-	END ITEM
CAAAO	-	FIRST LEVEL OF ASSEMBLY
CAAAA	-	LOWEST LEVEL OF ASSEMBLY
thru		
CAAA8	-	LOWEST LEVEL OF ASSEMBLY
CAA99	-	NOC (END ITEM)

30.8.9 Multiple items serving a single system/homogeneously grouped end item. Identical components within a system/end item performing peculiar functions shall have individual work unit code assignments for each peculiar function/application. For example, a pressurization control unit (PCU) in a system may contain four identical controllers but each controller has a different usage (pressure setting) in the PCU. In this case, each controller will have unique work unit code assigned. Items installed in multiples within a functional system/homogeneously grouped end item which perform within the same function/application parameters, except for location, will normally have a single code assigned. For instance, only one code should be assigned for items having left and right application even though they have different part numbers. The acquiring activity may grant exceptions to this requirement for items that have high failure rates or warrant detailed reporting for analysis purposes. If exceptions are granted when the nomenclatures of the items will reflect part number references to distinguish between the like items. This shall be done on an exception basis and shall not be a common practice.

30.8.10 Items serving multiple systems/homogeneous grouped end items. When a single component functionally services two or more major systems/end items or lower levels of assembly, only one work unit code shall appear in only one of the system/homogeneous grouped end item listings. However, the item shall be listed (by identical nomenclature only) in the remaining applicable system(s)/homogeneously grouped end item(s) with a reference to the previously assigned work unit code, e.g., "Manifold Sequence Valve (Reference 33FAA)." The work unit code column for such items will be left blank.

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TABLE 1. Systems codes (aircraft)

11	AIRFRAME
12	COCKPIT AND FUSELAGE COMPARTMENTS
13	LANDING GEAR
14	FLIGHT CONTROL
15	HELICOPTER ROTOR SYSTEM
16	ESCAPE CAPSULE
17	AERIAL RECOVERY SYSTEM
18	VERTICLE OR SHORT TAKEOFF AND LANDING (V/STOL) POWER AND CONTROL TRANSMISSION SYSTEM
21	RECIPROCATING POWER PLANT
22000	TURBOPROP/TURBOSHAFT PROPULSION SYSTEM
23000	TURBOJET/TURBOFAN PROPULSION SYSTEM
	(Those basic engine components as defined in TO 2J-1-24, Equipment Comprising a Complete Basic Gas Turbine Engine)
NOTE:	Constant Speed Drives will be coded to System 42, Electrical Power Supply
24	AUXILLIARY POWER PLANT
25	ROCKET POWER PLANT
26	HELICOPTER ROTARY WING DRIVE SYSTEM
31	ELECTRIC PROPELLER
32	HYDRAULIC PROPELLER
33	ELECTRO HYDRAULIC PROPELLER
34	MECHANICAL AND FIXED PITCH PROPELLERS
41	AIR CONDITIONING, PRESSURIZATION AND SURFACE ICE CONTROL
42	ELECTRICAL POWER SUPPLY
44	LIGHTING SYSTEM
45	HYDRAULIC AND PNEUMATIC POWER SUPPLY
46	FUEL SYSTEM
47	OXYGEN SYSTEM
49	MISCELLANEOUS UTILITIES
51	INSTRUMENTS
52	AUTOPILOT
53	DRONE AIRBORNE LAUNCH AND GUIDANCE SYSTEMS
54	TELEMETRY
55	MALFUNCTION ANALYSIS AND RECORDING EQUIPMENT
56	AUTOMATIC ALL WEATHER LANDING SYSTEM
57	INTEGRATED GUIDANCE AND FLIGHT CONTROL - Includes Auto Pilot When Part of Integrated System
60	VLF/LF COMMUNICATIONS
61	HF COMMUNICATIONS
62	VHF COMMUNICATIONS
63	UHF COMMUNICATIONS
64	INTERPHONE
65	IFF
66	EMERGENCY COMMUNICATIONS
67	SHF/EHF (SUPER/EXTRA HIGH FREQUENCY
68	AFSATCOM
69	MISCELLANEOUS COMMUNICATIONS EQUIPMENT
71	RADIO NAVIGATION
72	RADAR NAVIGATION
73	BOMBING NAVIGATION
74	FIRE CONTROL
75	WEAPON DELIVERY

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TABLE I. Systems code (aircraft) - Continued.

76	ELECTRONIC COUNTERMEASURE
77	PHOTOGRAPHIC/RECONNAISSANCE
81	AIRBORNE COMMAND AND CONTROL SURVEILLANCE RADAR (AWACS)
82	COMPUTER AND DATA DISPLAY (GRAPHIC)
89	AIRBORNE BATTLEFIELD COMMAND CONTROL CENTER (CAPSULE)
91	EMERGENCY EQUIPMENT
92	TOW TARGET EQUIPMENT
93	DRAG CHUTE EQUIPMENT
94	METEOROLOGICAL EQUIPMENT
95	SMOKE GENERATOR, SCORING AND TARGET AREA AUGMENTATION SYSTEMS, AND AIRBORNE CO-OPERATIONAL EQUIPMENT
96	PERSONNEL AND MISCELLANEOUS EQUIPMENT
97	EXPLOSIVE DEVICES AND COMPONENTS
98	ATMOSPHERIC RESEARCH EQUIPMENT

TABLE II. System codes (missile), air launch

MISSILE BASIC	
11	AIRFRAME
13	WING AND FINFOLD
19	PYLON
PROPULSION	
23	GAS TURBINE ENGINE
24	LIQUID ROCKET
25	SOLID ROCKET
MISSILE SUPPORT SYSTEMS	
31	AIR CONDITIONING (including Atmospheric and Environmental Control)
32	PRESSURIZATION (When Separate from Air Conditioning)
33	HYDRAULIC PNEUMATIC POWER SUPPLY AND DISTRIBUTION
34	ELECTRIC POWER SUPPLY AND DISTRIBUTION
35	ELECTRICAL DISTRIBUTION (Wiring Harness)
36	COMPONENT COOLING
37	GAS DRIVEN TURBINE (Mark 4 Power Plant)
39	MISCELLANEOUS
ARMAMENT AND EXPLOSIVE DEVICES	
41	WARHEAD
43	DESTRUCT
44	ARMING AND FUSING
45	SEPARATION
47	FLARES
FLIGHT CONTROLS	
52	FLIGHT CONTROLS
55	AUTO PILOT
56	FLIGHT REFERENCE
GUIDANCE	
61	COMMAND
62	INERTIAL
63	INTEGRATED GUIDANCE AND FLIGHT CONTROLS

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TABLE II. System codes (missile) air launch - Continued.

64	T. V. GUIDANCE
65	TARGET SEEKING (IR)
67	TRACKING (RADAR)
PROPELLANT	
73	AIR BREATHING ENGINE FUEL
75	CHEMICAL
COMMUNICATIONS AND DATA HANDLING	
91	TELEMETERING
92	BOMB DAMAGE ASSESSMENT
93	INSTRUMENTATION
95	AIRBORNE COOPERATIONAL EQUIPMENT
96	DATA RECORDING AND RETRIEVAL
97	SIMULATION
98	RECONNAISSANCE

TABLE III. System codes support equipment.

AA THRU AZ	*
BA THRU BZ	LAUNCHER
CA THRU CZ	SERVICING EQUIPMENT
DA THRU DZ	COMBINED SERVICING AND HANDLING EQUIPMENT
EA THRU EZ	*
FA THRU FZ	HANDLING EQUIPMENT
HA THRU HZ	ENVIRONMENTAL CONTROL
JA THRU JZ	ELECTRICAL GENERATION AND DISTRIBUTION
KA THRU KZ	PROPELLANT LOADING AND STORAGE
LA THRU LZ	*
MA THRU MZ	GUIDANCE AND INSTRUMENTATION
NA THRU MZ	LAUNCH CONTROL
PA THRU PZ	*
QA THRU QZ	COMMUNICATIONS
RA THRU RZ	MISSILE TEST EQUIPMENT
SA THRU SZ	SYSTEMS TEST EQUIPMENT
TA THRU TZ	TRAINING AND EQUIPMENT
UA THRU UZ	CHECKOUT EQUIPMENT
VA THRU VZ	*
WA THRU WM	WEAPON SYSTEM EVALUATOR MISSILE (WSEM)
WN THRU WZ	MISSION SIMULATOR
ZA THRU XZ	*
YA THRU YZ	*
ZA THRU ZZ	MISCELLANEOUS

NOTE

* These codes are unassigned. Their utilization will require prior approval of the acquiring activity.

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TABLE IV. System codes (missile or spacecraft), ground launched.

11	AIRFRAME/BOOSTER STRUCTURE
12	*
13	*
14	*
15	*
16	ORBITAL CRAFT STRUCTURE
17	SPACE FERRY AND/OR MANNED RE-ENTRY VEHICLE STRUCTURE
18	*
19	*
	Propulsion
21	*
22	*
23	TURBO JET
24	LIQUID ROCKET
25	SOLID ROCKET
26	ORBITAL MANEUVERING ENGINE
27	*
28	RETRO ROCKET (EXCLUDES PRIMARY PROPULSION WHEN USED IN TETRO FIRE MODE)
29	*
	Missile or spacecraft environmental control and life support systems
31	AIR CONDITIONING (Including Atmosperic and Environmental Control)
32	PRESSURIZATION (When separate from air conditioning)
33	HYDRAULIC - PNEUMATIC POWER SUPPLY AND DISTRIBUTION
34	ELECTRICAL POWER SUPPLY AND DISTRIBUTION
35	ELECTRICAL DISTRIBUTION
36	*
37	SUBSISTANCE/WASTE
38	SPACE SUIT, LIFE SUPPORT AND PERSONAL MANEUVERING EQUIPMENT
39	MISCELLANEOUS
	Flight control
51	ORBITAL ATTITUDE MANEUVERING
52	*
53	*
54	*
55	AUTO PILOT
56	FLIGHT REFERENCE
57	COMBINED CONTROLS
58	DECELERATION AND SURFACE RECOVERY (EXCLUDES RETRO-ROCKET)
59	*
	Guidance
61	COMMAND
62	INERTIAL
63	INTEGRATED GUIDANCE AND FLIGHT CONTROLS
64	NAVIGATOR/CELESTIAL
65	TARGET SEEKING
66	TRACKING
67	RENDEZVOUS RADAR
68	*
69	*
71	LIQUID ROCKET FUEL
72	LIQUID ROCKET OXIDIZER AND HYPERGOLIC
73	AIR BREATHING ENGINE FUEL
74	FUEL AND OXIDIZER PRESSURIZATION SYSTEMS

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TABLE IV. System codes (missle or spacecraft) ground launched.-Continued.

	Guidance - Continued.
75	CHEMICAL
76	NUCLEAR MATERIELS
77	*
78	*
79	*
	Missile re-entry system
81	RE-ENTRY VEHICLE; AND INCLUDING WARHEAD, ARMING AND FUZING
82	RE-ENTRY SYSTEM, INCLUDING PENETRATION AIDS
83	*
84	*
85	*
86	*
87	*
88	*
89	*
	Communications and data handling
91	TELEMETRY
92	TRACKING AND RANGE INSTRUMENTATION
93	INTERCOM
94	COMMUNICATIONS
95	*
96	DATA RECORDING AND RETRIEVAL
97	*
98	RECONNAISSANCE
99	*

TABLE V. System codes SE/RPIE.

AA THRU AZ	*
BA THRU BZ	LAUNCHER AND LAUNCH FACILITY
CA THRU CZ	SERVICING EQUIPMENT
DA THRU DZ	COMBINED SERVICING AND HANDLING EQUIPMENT
EA THRU EZ	COMBINED SERVICING AND DECONTAMINATION EQUIPMENT
FA THRU FZ	HANDLING EQUIPMENT
GA THRU GZ	GAS GENERATING EQUIPMENT
HA THRU HZ	ENVIRONMENTAL CONTROL
JA THRU JZ	ELECTRICAL GENERATION AND DISTRIBUTION
KA THRU KZ	PROPELLANT LOADING AND STORAGE
MA THRU MZ	GUIDANCE, TRACKING NETWORK AND INSTRUMENTATION
NA THRU NZ	LAUNCH CONTROL AND LAUNCH CONTROL FACILITIES
PA THRU PZ	*
QA THRU AZ	COMMUNICATIONS
RA THRU RQ	MISSILE/SPACECRAFT TEST EQUIPMENT
SA THRU SZ	SYSTEMS TEST EQUIPMENT
TA THRU TZ	TRAINING EQUIPMENT
UA THRU UZ	CHECKOUT EQUIPMENT
VA THRU VZ	*
WA THRU WM	WSEM (Weapon System Evaluator Missile)
WN THRU WZ	MISSION SIMULATOR
XA THRU XZ	RPIE
YA THRU YZ	RPIE
ZA THRU ZL	MISCELLANEOUS
ZM THRU ZZ	*

NOTE: * These codes are unassigned. Their utilization will require prior approval of the procuring activity.

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TABLE VI. Systems codes munitions.

SAMPLE HOMOGENEOUS GROUPING IDENTIFICATION CODES	
AA	AMMUNITION
AAA	SHOT GUN
AAAAO	12 GAUGE
AAABO	410 GAUGE
AAB	CARBINE, RIFLE AND MACHINE GUN
AABAO	CAL .22
AABBO	5.56MM
AABCO	CAL .30 CARBINE
AABDO	CAL .30 RIFLE AND MACHINE GUN
AABEO	7.62MM RIFLE AND MACHINE GUN
AAC	PISTOL AND REVOLVER
AACAO	CAL .38
AACBO	CAL .45
AAD	MACHINE GUN
AADAO	CAL .50
AAE	CANNON
AAEAO	20MM
AAEBO	40MM
AAECO	90MM
AAF	MORTAR
AAFAO	60MM
AAFBO	81MM
BA	BOMBS
BAA	GENERAL PURPOSE
BAAAO	250 POUND, MK81, MOD 1

TABLE VII. System codes CE.

A. STANDARD RADAR SYSTEM CODES: (Not applicable to navigational radar)

AA	ANTENNA SYSTEM
AE	CONTROL SYSTEM
AF	TEST CONTROL SYSTEM
AG	INDICATOR SYSTEM
AK	TRANSMITTER SYSTEM
AP	RECEIVER SYSTEM
AQ	DATA HANDLING SYSTEM
AT	ECCM SYSTEM
AU	TIMING SYSTEM
AV	RF SYSTEM
AX	TOWER SYSTEM
BA	COMMUNICATIONS AND INTER-COMMUNICATIONS
BC	IFF SYSTEM
BE	OPTICS SYSTEM
BF	MAPPING SYSTEM
BH	SUPPORT EQUIPMENT
BK	PERFORMANCE MONITOR
BM	TELEVISION SYSTEM
BW	MISCELLANEOUS SYSTEM
BY	MULTIPLEXER SYSTEM

B. STANDARD COMPUTER SYSTEM CODES

CA	CENTRAL PROCESSING SYSTEM
CF	INPUT/OUTPUT CONTROL SYSTEM
CL	INPUT/OUTPUT SYSTEM
CQ	AUXILIARY STORAGE SYSTEM

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TABLE VII. System codes CE - Continued.

CT	POWER CONTROL AND DISTRIBUTION SYSTEM
CW	DISPLAY/PROJECTION SYSTEM
DA	TEST/MONITOR AND ALARM SYSTEM
DE	AUXILIARY DEVICES SYSTEM
DJ	INTERFACE SYSTEMS
DM	SUPPORT EQUIPMENT

TABLE VIII. Support general codes (except CE).

01000 GROUND HANDLING, SERVICING AND RELATED TASKS

Ground Handling (includes positioning, moving to a new position or moving crashed or disabled equipment.

Loading and Unloading Engines/Cargo in aircraft.

Parking and Pre-Taxi (includes temporary parking, permanent parking, fireguard, SE operations, installation and removal chocks, pins, locks or covers).

Runup

Drag Chute - Delivery, installation and recovery.

Mooring (tiedown, blade stoppage, installation of covers, etc.)

Flying - Flight Mechanics Performing Crew Duty.

Launch Support Team Duty

Escort or Monitoring Visitors/Contractors

Monitoring Charging of LF/LCF Storage Batteries

Site Penetration/Back-Out

Dispatch Preparation (Pre/Post)

Water or Water/Alcohol Injection Fluid

Hydraulic Oil

Miscellaneous Servicing (includes anti-icing fluid, notrogen, Freon, Refrigerant, water, etc.)

RELATED TASKS

Armament (includes handling, routine cleaning, loading and unloading of guns and arms)

ATO/RATO Racks (servicing, loading and unloading)

Bomb-practice, conventional, incendiary, and special stores; (includes servicing, loading and unloading of bombs, racks, dispensers and associated equipment)

Rockets and Missiles loading, unloading and servicing (includes dummy, checkout or test missiles, racks, launches, etc.)

Tow Target/Tow Reel, etc.

Radio and Radar Receiver/Transmitter Frequency Changes, and installation or removal of crystals

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TABLE VIII. Support general codes (except CE). - Continued

	Ballast (loading and unloading)
	IFF/SIF Receiver/Transmitter Conversions or Codings
	Passenger/Cargo Reconfiguration (includes installation and ramps, and auxiliary flooring).
	Communications and Electronics Equipment Reconfiguration to meet mission requirements (do not use for TCTO accomplishment)
	Tape Installation and Removal
	Tape Development, Reproduction and Analysis
	ECM (Chaff or Equipment Loading and Unloading)
	Photographic - Equipment or film changes (loadings, or unloading, and film development and analysis).
	Electronic Spares (replacement)
	SE, positioning, pickup and delivery
	780 Equipment Pickup/Delivery (includes pickup/delivery of canopy covers, drag chutes, batteries, etc., to and from maintenance shops)
	Survival Equipment (loading and unloading)
	Pod, Pylon and External Tank Handling (includes installation and removal)
	Refueling Boom (includes installation and removal)
02000	EQUIPMENT CLEANING. Includes washing, decontamination, snow, frost and ice removal, vacuuming, wiping, polishing, cleaning and treating of equipment to prevent corrosion. NOTE: Do not use this code for treating corroded parts or accessories.
05000	Preservation, Depreservation, and storage of equipment.
06000	WEAPON AND GROUND SAFETY. Arming and Disarming of guns, rockets, explosive squibs, seats, canopies, external tanks/pods/pylon ejectors, armament bay doors, missile launchers, wing and fuselage center line racks, bomb bay release mechanisms/controls, etc. Also includes connecting and disconnecting aircraft batteries.
07000	PREPARATION AND MAINTENANCE OF RECORDS. This code will be used by maintenance personnel to record only the direct labor expended in preparation and/or maintenance of status and historical forms. This excludes initiation and completion of production documentation forms.
09000	SHOP SUPPORT GENERAL CODES
	Fabricate (includes bending, cutting, forming, casting, holding, machining, soldering, assembly, local manufacture, etc.) not done as part of a fix on a specific job.
	Stenciling/painting (includes stenciling, lettering, installing decals, instrument range marking, etc., and painting for cosmetic purposes only. NOTE: Do not use this code for treating corroded or painting of parts/assemblies/equipment for corrosion prevention/control)."

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TABLE VIII. Support general codes (except CE). - Continued

Engine/or Power Pack Buildup or Teardown.
Engine Operation - Test Stand (includes installation of engines in test stand).
Wheel and Tire Buildup or Teardown
Cleaning and/or servicing (includes recharging, sandblast, degreasing, preparation for and/or removal from storage or shipment, etc.)
Reclamation (includes demilitarization, disassembly, preparation for resale and disposal of aerospace and nonaeronautical equipment).
Processing of small arms and ammunition.
Inspection and/or repack of parachutes (all types).
Inspection and/or repack of flotation equipment.
Inspection of personal equipment (includes helmets, specialized flight suits, etc.)
Fabric testing.
Plating (includes cleaning and preparation for plating.)
Testing and servicing fire extinguishers.

TABLE IX. Support general codes CE.

01000	GROUND HANDLING, SERVICING AND RELATED TASKS
	Ground Handling
	Equipment Moving or Repositioning
	Installation and/or Relocation of Equipment
	Removal of Equipment
	Mission Equipment Operation or Support When Not Associated With Scheduled or Unscheduled Maintenance
Servicing and Related Tasks	
	Scheduled Power Changeover
	Troubleshooting End Items or Facilities (Use only for end items or facilities that do not have a work unit code assigned)
	Unscheduled Power Changeover
	Power Production Service and Checkout
	Environment Control
	Rehabilitation of Antenna Systems
	Unscheduled Antenna System Service

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TABLE IX. Support general codes (CE). - Continued.

	Clearing of Antenna/Transmission Right-of-Way
	Installation of New Antenna System
	Receiver or Transmitter Frequency Changes
	Tape Development, Reproduction and Analysis
	Telephone Number Change
	Rehabilitation of Equipment
02000	EQUIPMENT AND FACILITY CLEANING
	Tape Development, Reproduction and Analysis
	Tape Development, Reproduction and Analysis
	Telephone Number Change
	Rehabilitation of Equipment
02000	EQUIPMENT AND FACILITY CLEANING
	Washing or Degreasing
	Cleaning and Treating Equipment to Prevent Corrosion
	Ground Snow, Frost and Ice Removal
	Cleaning Antenna Systems, Mobile Facilities and Fixed Facilities
	Decontamination
05000	PRESERVATION, DEPRESERVATION AND STORAGE OF CE EQUIPMENT
06000	GROUND SAFETY
07000	PREPARATION AND MAINTENANCE OF RECORDS. (This code will be used to record only the direct labor expended in preparation and/or maintenance of status and historical forms. This excludes initiation and completion of production documentation forms.)
09000	SHOP SUPPORT GENERAL CODE
	Fabricate (Includes fabrication or local manufacture of miscellaneous items.)
	Stenciling/painting (includes stenciling, lettering, installing decals, instrument range marking, etc., and painting for cosmetic purposes only. NOTE: Do not use this code for treating corroded or painting of parts/assemblies/equipment for corrosion prevention/control)."
	Testing and Servicing Fire Extinguishers
	Reclamation

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TABLE X. Aircraft support general codes.

"LOOK" PHASE OF SCHEDULED AND SPECIAL INSPECTIONS	
Code	Description
03100	Preflight Inspection
03101	End of Runway Check
03109	Daily Walkaround Inspection on Alert Aircraft
03110	Daily/Special Inspection (H-34 Only)
03200	Basic Postflight/Thruflight Inspection as Applicable
03209	Alert Exercise Postflight
03210	Basic Postflight/End of Day Inspection
03215	Combined Preflight/Postflight Inspection
03220	7-Day Calendar Inspection
03221	14-Day Calendar Inspection
03300	Hourly Postflight Inspection
03400	Periodic Inspection/Phase Inspection, Basic Phase
03600	Look Phase of PDM Work Package
	Isochronal Inspection Concept
03710	Major Inspection
03720	Minor Inspection
03730	Home Station Check
	Special Inspections
0411A	Climatization (includes preparation for arctic, desert or tropical operation)
0411B	Nondestructive Inspection Accomplished Separately from Scheduled Inspection
0411C	Hydraulic System Contamination Check
0411D	Oil Sampling for Spectrometric Analysis
0411E	Rough Field Field Mission Check
0411H	Fuel Components Contamination Check
0411J	Operationally Ready Inspection (ORI)
0411K	Ground Receptical Inspection
04111	Special Modification Inspection
04112	Acceptance Inspection
04113	After Fire Inspection
04114	Excessive "G" Load Inspection
04115	Functional Taxi Check
04116	Aircraft Accident/Incident Check
04117	Battery Capacity/Specific Gravity Check
04118	Compass Swing Check
04119	Oil/Fuel Tank Sumps Drained Inspection
0412A	Seat/Ejection Seat or Emergency Egress System Check
0412B	Auxiliary Power Plant Inspection
0412C	Integrated Electronics System Check
0412D	Armament 25 Hour Inspection
0412E	Severe Turbulence Inspection
0412F	Calibration of AWCS
0412G	Weapon Suspension System Inspection
0412H	Remote Compass Check
0412J	Aft Fuselage Section Inspection
0412L	Missile Simulated Launch Check
0412M	MA1 45 Day Inspection
0412N	MA1 90 Day Inspection
04121	Hard Landing Inspection

erence radiographs shall be maintained by the to permit cross re

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TABLE X. Aircraft support general codes. - Continued.

04122	Landing Gear Retraction Check
04123	Wheel/Brake Inspection
04124	Pitot-Static Purge and/or Check
04125	Oxygen System Components Check
04126	Missile Pylon/Launcher Simulator Check
04127	Missile "Under the Wing/Integrated Systems Check:
04128	Fire Control and AWCS System Checks
04129	Bombing-Navigation-Communications System Checks
0413A	Propeller Oil Control Assy and Dome Flushing Check
0413B	Engine Hot Section Inspection
0413C	Engine Air Inlet Inspection
0413E	Cylinder Borescope Inspection/Engine Compressor Borescope Inspection
0413F	Engine Valve Decarbonization Inspection
0413H	Retorque of Propeller Components Following Engine or Propeller Change
0413J	Exhaust Gas Temperature (Jet Cal) Calibration
0413K	Engine Ramp System Functional Check
0413L	By Pass Bellmouth Functional Check
0413M	Bleed Air System Pressure Loss Test Check
0413N	Engine Oil Screen Inspection/Oil Strainer Inspection
0413P	Engine Stall/Flameout Check
04131	Engine or Cylinder Change Inspection (includes pre-oil)
04132	Hot Start or Overspeeding Inspection
04133	Valve Check
04134	Compression Check
04135	Propeller Shaft Due Check
04136	Engine or Ignition Analyzer Check
04137	Engine Conditioning (scheduled)
04138	Minor Engine Conditioning (unscheduled)
04139	Engine Trim Check
04140	Cabin Pressurization and/or Leak Test
04141	Corrosion Control Inspections Accomplished Separately from Scheduled Inspections
04142	Engine Bay Inspection - Engine Removed
04143	Air Conditioning System Check
04145	T/R Unit Capacitor Check for Electrolite Leakage and/or Corrosion
04147	Penetration Aids Confidence/Self Test
04149	Integral Weight and Balance Check (C-130)
0415A	Datscal (F-106)
0415B	ALE-20 System Check Prior to Flare Loading (B-52)
0415C	AWM-13 Stray Voltage Check
04150	Weight and Balance (includes weighing)
04151	Emergency Equipment (includes life raft, first aid kits, emergency radio, etc.)
04152	Inspection of Seat Belts and all Harnesses
04160	Rotor Overspeed Inspection
04161	Powertrain Overtorque Inspection (Helicopters)
04170	Equipment Inventory
04180	Checks Requiring Special Checkout Equipment
0418A	Air Data Computer and Associated Pitot and Static Instruments Leak Check
0418B	Overheat and Fire Warning System Inspection
0418C	Refueling Boom-Probe-Drogue-Special Inspection
0418D	SRAM System Interface Check (B-52)
0418E	SRAM CAE Checkout (B-52)
0418F	Aero 27 900 Hour Inspection
04181	Airborne WSEM Rail Check
04182	Harmonization of Sights, Guns and Cameras (Fire Control, Bomb-Nav and Photo Systems)

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TABLE X. Aircraft support general codes. - Continued.

04183	ADM-20C Bomber Checkout
04184	Partial AGM-28 Combined Systems Checkout
04185	Squib Continuity and Corrosion Check
04186	Inspection of Guns and Feeder Mechanisms
04187	Quantity Indicating System(s) Calibration
04188	Flight Director Group Operational Check
04189	Maximum Effort Stop and/or High Energy Braking Inspection
04190	Sudden Stoppage Inspection
04199	Special Inspection, Not Otherwise Coded
04210	Functional Check Flight
04221	Corrosion Inspection Phase I (KC-135 and B-52)
04222	Corrosion Inspection Phase II (KC-135 and B-52)
04223	AMAC and Release Test (W10) (FB-111)
04224	AMAC and Release Test (W13) (FB-111)
04225	Ejector Rack Release Test (W8) (FB-111)
04226	Conventional Bomb Release Test (W9) (FB-111)
04227	Controlled Interval Extension (CIE) Inspection Accomplished Separately from Scheduled Inspections
04228	MAU 12 Bomb Ejector Rack Inspections
04229	MAU 140 Missile Ejector Rack Inspections (FB 111 B/A only)
04510	Refurbishment Inspection (C-5A and C-141 Only)
04610	Nondestructive Testing (All Types)
04620	Analysis of Oil Samples
04630	Research and Development of New or Revised Nondestructive Inspection Techniques

TABLE XI. Air launched missile support general codes.

"LOOK" PHASE OF SCHEDULED AND SPECIAL INSPECTIONS

"LOOK" PHASE OF SCHEDULED INSPECTIONS

CODE	DESCRIPTION
03100	Preflight/Daily Inspection
03110	Preflight
03120	Daily
03200	Postflight/Down Load Inspection
03210	Postflight
03220	Down Load
03300	Storage Inspection (Live)
03310	7 Day
03320	30 Day
03330	90 Day
03340	180 Day
03350	270 Day
03360	360 Day/Annual
03400	Storage Inspection (Dead)
03410	7 Day
03420	30 Day
03500	Periodic Inspection
03510	30 Day
03520	60 Day
03530	90 Day
03550	180 Day
03570	270 Day
03590	360 Day
03595	540 Day
03596	720 Day/2 Year
03597	900 Day

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TABLE XI. Air launched missile support general codes. - Continued.

	SPECIAL INSPECTIONS
CODE	DESCRIPTION
04100	Missile and Pylon
04110	Hard Landing
0411D	Oil Sampling for Spectrometric Analysis
04120	Calendar
04130	Modification
04140	Excessive G Loading
04141	Corrosion Control
04150	Transfer
04160	Non-Tactical Instrumentation
04170	Cold Weather
04180	Combined Systems Checkout
04270	Partial Combined Systems Checkout
04280	Checks Requiring Special Checkout Equipment
04310	Receiving Inspection
04311	Uncrating
04313	Stray Voltage Check
04314	Blown Fuse/Squib or Parameter Activated
04315	Purging
04316	Assembly
04317	Disassembly
04320	Hangfire
04321	Missfire
04322	30 Day on Aircraft
04323	10 Captive Flights
04324	Moisture
04325	Desiccant Container
04326	Dust Cover Plug
04327	DPM-14 Checkout
04330	Extreme Temperature
04340	Load/Unload
04341	Whenever Sealing Sleeve is Removed
04342	Abort
04343	When Chassis #5 or Frequency Converter is Replaced
04344	Whenever Warhead Safe Arm Device or Fuse is Removed from Missile
04345	Whenever Rocket Motor is Removed from Missile
04346	Whenever Power Plant is Removed from Missile
04347	Whenever Access Covers are Removed from WSEM or Missile
04348	Incident/Accident
04349	When Hydraulic or Electrical Connections are Disconnected
04350	Whenever Branched Warhead Harness has been Installed for 24 Months
04351	Whenever Guidance Unit is Removed from Missile
04352	When the Warhead is to be Removed from the Missile
04353	When Warhead is Handled
04354	When Control Surfaces, Servopositioner, Wing or Cowling is Removed or Installed
04355	When Fuse Antenna is being Installed
04356	When Missile or Missile Components are Stored in Shipping/Storage Containers
04358	Evidence of Tampering
04359	Whenever Radioactive Atmosphere has been Encountered
04360	Wing/Rolleron and Fin Check
04361	When Guidance Unit is Exposed to Sunlight
04362	Whenever Forward Body Section Displays a Dent or Deterioration
04363	Holding Area
04364	Return to Holding Area
04365	Physical Shock

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TABLE XI. Air launched missile support general codes. - Continued.

04366	Transfer from Container to MHU-12 Trailer
04367	Launcher Post Download Inspection
04370	After 20 WSEM Flights
04371	Whenever Engine Exhaust Gas Temperature Exceeds Limits
04372	First Run after Engine Change
04373	Whenever Emergency Engine Shutdown Occurs
04400	Droppage Inspections (These codes will be assigned as required thru with code 04400.)
04425	
04610	Non-Destructive Testing (All Types)
04620	Analysis of Oil Samples
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques.
04999	Special Inspections Not Otherwise Coded

TABLE XII. Air launched missile SE support general codes.

"LOOK" PHASE OF SCHEDULED AND SPECIAL INSPECTIONS

"LOOK" PHASE OF SCHEDULED INSPECTIONS

CODE	DESCRIPTION
03A00	Preflight/Daily Inspection
03B00	Postflight
03D00	Storage
03E00	Periodic
03E20	14 Day
03E30	30 Day
03E40	60 Day
03E50	180 Day
03E60	170 Day
03600	Replacement

SPECIAL INSPECTIONS

CODE	DESCRIPTION
04A20	Calendar
04A30	Modification
04A41	Corrosion Control
04A50	Transfer
04B80	Checks Requiring Special Checkout Equipment
04C30	Dessicant Check
04E20	Moisture
04E30	Loading Inspection
04E40	Incident/Accident
04E80	Droppage
0411D	Oil Sampling for Spectrometric Analysis
04113	Functional Check
04610	Non-Destructive Testing (All Types)
04630	Research and Development of New or Revised Non-Destrutive Inspection Techniques
04999	Special Inspection Not Otherwise Coded

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TABLE XIII. Ground launched missile support general codes.

"LOOK" PHASE OF SCHEDULED AND SPECIAL INSPECTIONS

"LOOK" PHASE OF SCHEDULED INSPECTIONS

CODE	DESCRIPTION
03100	Receiving Inspection (Includes Assembly)
03110	Inspection Crews
0311K	Armament
0311L	Shelter Maintenance
0311M	Ramjet
0311N	Missile Maintenance
0311P	MIU
0311Q	Mobile Ground Power
0311R	Fueling
0311S	Disassembly
0311T	SMATE
0311U	IMSOC
03200	Installation (Do not use for Missile to Launcher Installation)
03300	Pre-Launch
03400	Daily
03500	Periodic (Phase if Authorized)
03107	7 Day
03114	14 Day
03510	15 Day
03121	21 Day
03128	28 Day
03520	30 Day
03142	42 Day
03156	56 Day
03530	60 Day
03184	84 Day
03540	90 Day
03268	168 Day
03550	180 Day
03336	336 Day
03560	360 Day
03570	Control Equipment
03580	Armament Test Equipment
03600	Post-Launch/Static Firing
03700	Storage
03701	Storage Inspection
03800	Re-entry Vehicle Recycle
03802	Re-entry Vehicle Recycle for Higher Headquarter Evaluation
03803	Re-entry Vehicle Recycle for TCTO
03804	Re-entry Vehicle for LLC/TCI Replacement
03806	Disassembly for OT/FOT
03807	Assembly for OT/FOT
	SPECIAL INSPECTIONS
04110	Pressure Checks, Warhead
04120	Missile/Shelter Reset
04130	Pressure Check, Air Bottle
04141	Corrosion Control Inspections Accomplished Separately From Scheduled Inspections
04500	Accomplishment of Checklists
04572	Missile/Launch Verification (Simulation)
04573	Missile/Launch Verification (No Simulation)
04574	Missile Verification

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TABLE XIII. Ground launched missile support general codes. - Continued.

04575	Launch Verification (Simulation)
04576	Launch Verification (No Simulation)
04577	Dynamic Response Test
04578	Combined Systems Test
04583	Thrust Maintenance Operation
04584	Silo Door Operation
04650	Initial Build-up-RV
04610	Non-Destructive Testing (All Types)
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques
04999	Special Inspections Not Otherwise Coded
04111	Operational or System Check
04112	Special Modification Inspection
04113	Air or Ground Right-of-Way Inspection (Includes Intersite Cable System, Fences, Insulators, Posts, Cable Markers, etc.)
04141	Corrosion Control Inspections Accomplished Separately From Scheduled Inspections
04610	Non-Destructive Testing (All Types)
04620	Analysis of Oil Samples
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques

TABLE XIV. Non-nuclear weapons support general codes.

"LOOK" PHASE OF SCHEDULED AND SPECIAL INSPECTIONS

"LOOK" PHASE OF SCHEDULED INSPECTIONS

CODE	DESCRIPTION
03111	Daily
03112	6 Month
03113	Annual
03115	Shipping
03130	In-Storage Inspection
03500	Periodic

SPECIAL INSPECTIONS

CODE	DESCRIPTION
0411A	Quality Control
0411B	TCTO
0411C	Assembly Inspection
0411D	Receiving Inspection
0411E	Pre-Issue Inspection
04111	Continuity
04112	Stray Voltage
04113	Moisture
04114	Hard Landing
04115	After Operational Use
04116	Functional Test
04117	Lot Number
04118	Date of Manufacture
04120	Damage Inspection

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TABLE XIV. Non-nuclear weapons support general codes. - Continued.

04130	Special Modification Inspection
04141	Corrosion Control Inspections Accomplished Separately from Scheduled Inspection
04150	Return to Storage Area
04160	Incident/Accident
04280	Checks Requiring Special Checkout Equipment
04610	Non-Destructive Testing (All Types)
04620	Analysis of Oil Samples
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques
04999	Special Inspections Not Otherwise Coded

TABLE XV. Peculiar munitions SE support general codes.

LOOK PHASE OF SCHEDULED AND SPECIAL INSPECTIONS

"LOOK" PHASE OF SCHEDULED INSPECTIONS

CODE	DESCRIPTION
03100	Daily Inspection Prior to Use
03111	Service Inspection
03112	Acceptance
03114	Periodic
	SPECIAL INSPECTIONS
04111	Special Modification Inspection
04112	Hydrostatic (Includes Inspection Weighing and Servicing) Inspection
04113	Functional/Operational Check
04114	Special Inspection - General Requirements
04115	Special Inspection - Special Event Inspection Requirements
04117	Battery Capacity/Specific Gravity Check
04119	Corrosion Control Inspection
04610	Non-Destructive Testing (All Types)
04620	Analysis of Oil Samples
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques
04999	Special Inspections Not Otherwise Coded

TABLE XVI. CE support general codes.

"LOOK" PHASE OF CE SCHEDULED AND SPECIAL INSPECTIONS

SCHEDULED INSPECTIONS

CODE	DESCRIPTION
03100	As Required (Other than as specified below)
03101	Daily
03107	7 Day Interval
03114	14 Day Interval
03121	21 Day Interval
03128	28 Day Interval

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TABLE XVI. CE support general codes. - Continued.

03142	42 Day Interval
03156	56 Day Interval
03184	84 Day Interval
03268	168 Day Interval
03336	336 Day Interval
	PHASED INSPECTIONS
03410	Daily
0341A	Phase 1
0341B	Phase 2
0341C	Phase 3
0341D	Phase 4
0341E	Phase 5
0341F	Phase 6
0341G	Phase 7
0341H	Phase 8
0341J	Phase 9
0341K	Phase 10
0341L	Phase 11
0341M	Phase 12
0341N	Phase 13
0341P	Phase 14
0341Q	Phase 15
0341R	Phase 16
0341S	Phase 17
0341T	Phase 18
0341U	Phase 19
0341V	Phase 10
0341W	Phase 21
0341X	Phase 22
0341Y	Phase 23
0341Z	Phase 24
0342A	Phase 25
0342B	Phase 26
	SPECIAL INSPECTIONS
04110	Operational or System Checks
04111	Special Modification Inspection
04112	Equipment Inventory
04119	Special Inspections NOC
04141	Corrosion Control Inspections Accomplished Separately from Scheduled Inspections
04610	Non-Destructive Testing (All types)
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques

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TABLE XVII. SE support general codes.

"LOOK" PHASE OF SCHEDULED AND SPECIAL INSPECTIONS

SCHEDULED INSPECTIONS

CODE	DESCRIPTION
03111	Service Inspection
03112	Acceptance
03113	Incoming (Entering shop)
03114	Periodic
03115	Final (Leaving shop)
03310	7 Day Interval
03320	14 Day Interval
03330	30 Day Interval
03340	60 Day Interval
03350	90 Day Interval
03360	120 Day Interval
03370	180 Day Interval
03380	270 Day Interval
03390	360 Day Interval
03400	720 Day Interval

SPECIAL INSPECTIONS

CODE	DESCRIPTION
0411C	Hydraulic System Contamination Check
0411D	Oil Sampling for Spectrometric Analysis
04111	Special Modification Inspection
04112	Hydrostatic (Includes inspection, weighing and servicing)
04113	Functional/Operational Check
04114	Special Inspection - General Requirements
04115	Special Inspection - Special Event Inspection Requirement
04117	Battery Capacity/Specific Gravity Check
04119	Corrosion Control Inspection (Use if accomplished separately from a scheduled inspection)
04610	Non-Destructive Testing (all types)
04620	Analysis of Oil Samples
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques
04919	Special Inspection Not Otherwise Coded

TABLE XVIII. Training equipment support general codes.

"LOOK" PHASE OF SCHEDULED INSPECTIONS (Includes all work such as greasing, etc., included on the work cards, minor fixes, such as tightening clamps and connections, and unbuttoning and buttoning up the trainer.)

CODE	DESCRIPTION
03100	Daily Inspection
03200	Periodic Inspection

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TABLE XVIII. Training equipment support general codes. - Continued.

SUPPORT GENERAL CODES

"LOOK" PHASE OF SPECIAL INSPECTIONS (Includes all work, such as greasing, etc., included on the work cards; minor fixes, such as tightening clamps and connections, and unbuttoning and buttoning the trainer.)

CODE	DESCRIPTION
04100	Special Modification Inspection
04199	Special Inspections Not Otherwise Coded
04200	Unscheduled Periodic Inspection
04610	Non-Destructive Testing (All Types)
04630	Research and Development of New or Revised Non-Destructive Inspection Techniques

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