



DEFENSE SECURITY ASSISTANCE AGENCY
WASHINGTON, D. C. 20301

1 March 1978

In reply refer to:
Transmittal No. 18
DOD 5105.38-M

MEMORANDUM FOR RECIPIENTS OF DOD 5105.38-M, MILITARY ASSISTANCE AND
SALES MANUAL - PARTS I, II, AND III

SUBJECT: MASM I, II, and III Transmittal

Attached is MASM Transmittal No. 18 which updates the procedures to
1 March 1978.

Highlights of this transmittal include chapters on (Part I) Military
Articles and Services List (MASL) Guidance; (Part II) Construction;
Program Submission and Management; (Part III) Management of the Ceiling
on Weapons and Weapons Related Items; and Major Defense Equipment List
(MDEL).

Update the portions of your current MASM in accordance with the List of
Changes. Specific changes are indicated by a broken line in the margin
of the chapter.

This transmittal supersedes the following correspondence/messages:

Messages

SecDef 3812, DTG 190052Z Jan 78, subject: MASM, Part II, (Chapter D)
Construction and (Chapter F) Program Submission and Management.

Correspondence

DSAA Memorandum I-1433/77 dated 5 January 1978, subject: MASM Part III,
Chapter M, Management of the Ceiling on Weapons and Weapons Related
Items.

DSAA Memorandum I-130/78 dated 16 January 1978, subject: MASM Part III,
Appendix D, Major Defense Equipment List (MDEL).

A handwritten signature in black ink, appearing to read "H. M. Fish", is positioned above the typed name.

H. M. FISH
Lieutenant General, USAF
Director,
Defense Security Assistance Agency

Attachments

- (1) List of Changes
- (2) MASM Update Materiel

LIST OF CHANGES

Remove and insert the following portions of your current MASM:

<u>Remove</u>	<u>Insert</u>
List of Effective Pages	List of Effectives
<u>Table of Contents</u> -	<u>Table of Contents</u> -
pages xi - xix	pages xi - xviii
<u>PART I</u> -	<u>PART I</u> -
-----	Chapter H
<u>PART II</u> -	<u>PART II</u> -
Chapter L	----- (This chapter is being replaced by Chapter H, Part I)
<u>PART III</u> -	<u>PART III</u> -
-----	Chapter M
Appendix C	Appendix C

In addition to the above, post the following pen and ink changes:

Part II -

(1) Chapter D - Pages D-9 - D-10 - para 5.b.(1)(b) - eliminate in its entirety. Para 5.b.(1)(c) - change to para 5.b.(1)(b) and change at top of para the words "If the change involves ... Government costs line, DSAA" to read "If the change involves a cost increase for a contract construction or A-E service line, DSAA". Para 5.b.(2) - 11th and 12th line from bottom of para - eliminate the words "of \$25,000 or more in the cost of the program line". Page D-11 - para 5.b.(2)(b)1. - eliminate in its entirety; add a "," after "increase" on the 3rd line from top of para; and eliminate the words "of \$25,000 or more in the cost of the program line,".

(2) Chapter F - Page F-10 - para 3.g.(1)(a) - 5th line from top of para - eliminate the words "If the change in unit price would cause the value of the program line to increase by more than \$25,000,"; capitablize "the" following these words; and eliminate last sentence in para. Page F-11 - para 3.g.(1)(c)2. - eliminate in its entirety. Para 3.g.(1)(c)3. - change to read 3.g.(1)(c)2. and eliminate the words "by more than \$25,000" on the 4th line from top of para.

LIST OF EFFECTIVE PAGES

<u>Chapters</u>	<u>Page Numbers</u>	<u>Date of Latest Revision</u>
Table of Contents	xi through xviii	1 March 1977
PART I—GENERAL INFORMATION		
Glossary of Terms and Abbreviations	1 through 13	1 October 1977
DOD Directives and Instructions	1 through 7	1 February 1978
A	A-1 and A-2	15 December 1977
B	B-1 and B-3	1 February 1978
C	C-1 through C-3	15 December 1977
D	D-1 through D-11	15 December 1977
E	E-1 and E-2	15 December 1977
F	F-1 through F-3	15 December 1977
G	G-1 through G-5	15 January 1977
H	H-1 through H-24	1 March 1978
PART II—GRANT AID		
A	A-1 through A-4	15 December 1977
B	B-1 through B-3	Deleted
C	C-1 through C-28	1 February 1978
D	D-1 through D-15	1 March 1978
E	E-1 through E-48	1 February 1978
Appendix 1-E	App 1E-1 through App 1E-7	1 October 1977
F	F-1 through F-22	1 March 1978
G	G-1 through G-24	15 December 1977
H	H-1 through H-4	15 December 1977
J	J-1 through J-23	1 December 1975
K	K-1 through K-6	15 December 1977
L	L-1 through L-27	Deleted
Appendix A	App A-1 through App A-24	1 October 1976
PART III—FOREIGN MILITARY SALES		
A	A-1 through A-8	1 February 1978
B	B-1 through B-5	1 October 1977
C	C-1 through C-17	1 February 1978
D	D-1 through D-42	1 February 1978
E	E-1 through E-10	1 July 1974
F	F-1 through F-11	1 February 1978
G	G-1 through G-17	1 February 1978
H	H-1 through H-4	1 February 1978
J	J-1 through J-6	1 February 1978
K	K-1 through K-17	1 February 1978
L	L-1 through L-23	15 January 1977
M	M-1 through M-9	1 March 1978
Appendix A	App A-1 through App A-18	1 February 1978
Appendix B	App B-1 through App B-5	15 January 1977
Appendix C	App C-1 through App C-3	1 March 1978
Appendix D	App D-1 through App D-12	15 June 1977

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CHAPTER H

MILITARY ARTICLES AND SERVICES LIST (MASL) GUIDANCE

1. General

a. The MASL provides availability information for planning and programming resources (materiel, services, and training) under the Military Assistance Program (MAP) and International Military Education and Training Program (IMETP) and the structure for ADP accounting and reporting for MAP, IMETP and the Foreign Military Sales (FMS) program. It is oriented toward the needs of program originators and contains information provided to DSAA by supplying agencies on identification and availability of defense articles and services, along with limited data processing codes and instructions. For IMET and Foreign Military Sales Training (FMST), it also provides unit price and duration of training courses.

b. The MASL is maintained by DSAA as a portion of the Agency's automated data bases. It is updated weekly based on Military Department input and changes are distributed via AUTODIN to the military departments. The MASL is published quarterly and distributed to the Unified Commands, MAAGs/MilGps/ODCs, Military Department Headquarters, and numerous other activities including schools and component commands of the Military Departments. Copies of the MASL, in punch card, magnetic tape or printed form, may be obtained by submitting a request to the Data Management Division, Office of the Comptroller, DSAA.

2. MASL Content

a. Materiel

(1) The MASL is arranged in budget activity (see Generic Code in Appendix A) sequence. The materiel (budget activity A

through K) portion of the MASL is oriented toward the national supply classification system. This orientation permits the program originator, with few exceptions, to identify an item in a supply catalog and then relate the item to the MASL.

(2) Major items of materiel (except ammunition) listed in the MASL are identified by specific National Stock Number (NSN), where one has been assigned by the Defense Logistic Service Center (DLSC). Where an NSN has not been assigned by DLSC, as is the case with ships and most aircraft, major items are assigned the proper Federal Stock Group (FSG) and Federal Stock Class (FSC) followed by an appropriate pseudo National Item Identification Number (NIIN) assigned by the responsible Military Department. Following is an example of a pseudo-NSN identifying a UH-34D Helicopter:

15 -----	1520 00 00UH34D
	FSG 15 (Aircraft; and Airframe Structural Components)
20 -----	FSC 20 (Aircraft, Rotary Wing)
00 -----	National Codification Bureau (NCB) Code
00 UH34D -----	Pseudo NIIN (Helicopter, UH34D)

(3) Major items of ammunition listed in the MASL normally are identified by FSG, FSC, and DOD ammunition code. The DOD ammunition code has been utilized as a substitute for NIIN identification, with few exceptions, because of the great volume of national stock numbers in the ammunition category related to different types of packaging.

(4) The dollar value lines (see definition of term, Pt. 1) in the MASL also are oriented toward the national supply classi-

fication. Each dollar value line is delineated by specific federal stock groups and classes and generally represents a high density of specific individual items or spare parts with relatively low unit prices. As in the case of major items, identification of an individual item in a supply catalog permits a direct correlation with an appropriate dollar value line. An example in the MASL is item identification number 9K2A00DRGSDSG (generic Code K2A) drugs, biologicals and surgical dressing, which states that the line includes all articles in FSC 6505 and 6510.

(5) Where the federal supply classification is known, the selection of an appropriate MASL line for programming can be made with ease. For this reason, a knowledge of the proper federal supply classification is a prerequisite to the accurate selection of MASL lines. In questionable cases, Cataloging Handbooks H2-1, H2-2, H2-3, and H-3, published by the Defense Logistics Service Center, 50 North Washington Street, Battle Creek, Michigan, provide valuable supplementary references.

b. Training

(1) The training (budget activity N) portion of the MASL utilizes a unique item identification number identifying each line item of training available for IMET and FMS planning and programming. Specific training item identification is obtained by assigning a seven digit identification number. The first digit identifies the Military Department responsible for the training by utilizing the program originator code; the next three are prescribed by DSAA as listed in Chapter E, Table E-5; the next three are assigned by the Military Departments to identify a specific course of instruction.

(2) Separate MASLs are maintained for IMET and FMS training. However, basic guidelines for submission of data are applicable to both programs.

(3) FMS training is reported in the 1100 System by utilizing the Generic Code N00 record in the Materiel MASL.

c. Services

(1) The services (budget activities L,

M and P-T) portions of the MASL utilize non-existent FSGs. FSGs 01-02 and 06-09 and nonsignificant FSCs have been assigned to these budget activities. Distinctive pseudo-NIINs or item identification numbers have been assigned for various types of services to provide positive identification.

3. Definitization Policy

a. Materiel items will be included in the MASL as major items (unit of issue other than XX) only when they meet the following definitization criteria:

(1) Control over programming of specific items is desired by DSAA; e.g., aircraft, missiles, ships, combat and support vehicles.

(2) The Military Department responsible for supply must have advance information on requirements for supply planning purposes.

b. Figure H-2, Definitization Guide, provides additional guidance for making the determinations as to whether a requirement should be programmed as a major item or included in a dollar value line.

c. Responsibility for application of definitization policy and submission of MASL data for items supplied by the Defense Logistics Agency will be the responsibility of the Department of the Army.

d. DSAA will review MASL input from the Military Departments to insure compliance with definitization standards. Input which does not meet the required criteria will be returned.

4. DSAA MASL Files

a. The MASL files maintained by DSAA are subdivided as follows for reasons indicated:

(1) Current Materiel MASL. The current materiel MASL (control code K) is comprised of all items of materiel and services which may be included in prior, current, and future year MAP and FMS Programs, subject to special conditions explained by footnote code assignments. The current materiel MASL consists of lines having footnote codes other than PP.

(2) Planning Year Materiel MASL. The planning year MASL (control code L) is comprised of generically described items. They are used in the preparation of congressional reports and summarized data. Items contained in the planning year MASL are identified by the assignment of footnote code "PP". These lines are maintained by DSAA rather than the Military Departments.

(3) Current Year Training MASL. The current year training MASL contains line item data for training which is currently available for programming.

(4) Budget Year Training MASL. The budget year training MASL contains line item data for training which is planned to be available for programming in the budget year and later IMET Programs.

(5) Prior Year Training MASL. The prior year training MASL contains line item data for training which has been programmed in those program years preceding the current year. This MASL is retained for historical purposes only as training for each FY is rolled up to seven dollar lines (N10-N90 per country/per service approximately six months after it becomes a prior year program.

b. The materiel MASL is updated on a continuing basis as the result of changes and additions submitted by the Military Departments.

c. The current year training MASL is updated during the applicable fiscal year to add new courses which become available for programming and to incorporate significant changes in course costs and duration. During the second quarter of each fiscal year the new budget year training MASL is developed by DSAA based upon Military Department input. During the fourth quarter this new budget year MASL is updated to insure the currency of item content. On 1 October the budget year MASL becomes the new current year MASL.

5. Assignment of Footnote Codes

a. General

Military departments are responsible for

the assignment of footnote codes where applicable to all lines under their cognizance. Appendix A defines these codes.

b. Footnote Code "NN"

This code as defined in Appendix A is assigned to valid and correctly identified items which are not available for supply, under normal circumstances, to meet requirements. If a replacement item is known, a conversion card may be submitted. Dollar value lines will not be assigned this code.

6. MASL Relationship to DSAA Program Data Files

MAP/IMETP

a. All program data cards which constitute the addition of items or services (card formats 3 and 4) to the MAP/IMETP, regardless of program year, and those program change cards (card format P and Q) which contain data punches in card columns 8 through 21 are matched against one of the DSAA MASLs during the master file update process. This MASL match accomplishes the following:

(1) Determines that the program requirement is a valid line in the MASL.

(2) Provides a description and unit of issue for the items being added to the program file, verifies MILSTRIP routing identifier and execution agency identifier codes, and assigns implementing agency code consistent with the MRI and EXA.

(3) Provides a feedback error list for data cards which failed to match the MASL.

(4) Assures the issuance of MAP orders to the correct implementing or execution agency.

b. An additional step accomplished during the program data/MASL match is the application of MASL conversion card data, which has been provided by the Military Department when submitting MASL change data. The conversion card is used to provide programming data to be used in lieu of a MASL item which is no longer available or which has been deleted from the MASL. DSAA requires conversion card data in the following instances:

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(1) When footnote code "NN" is assigned to an item no longer available for normal military assistance programming and a replacement or substitute item is known.

(2) When a line is deleted from the MASL and a replacement or substitute item is known.

FMS

c. The MASL is used by DSAA during the weekly FMS update as follows:

(1) To screen incoming detail (card formats 4 and D) to ensure correct National Stock Number and Generic Codes. Detail cards which do not match the MASL are rejected and Security Assistance Accounting Center notified. The defined generic code and national stock number as stated in the DD Form 1513, Letter of Offer and Acceptance (LOA) must be reflected in the MASL before the letter of offer is prepared.

(2) Provides a description of the item for use in subsequent updating.

MAP/IMETP/FMS

d. Assigns a selected item description number (see Appendix A) to facilitate subsequent preparation of summary reports.

7. Maintenance of the MASL

a. Changes

Changes to MASL data should be submitted to DSAA as they develop, as follows:

(1) Materiel and Services (other than training).

(a) Major Items—Changes to major items of materiel will be submitted by the Military Department having single-service wholesale inventory management responsibility. When the change being submitted is to transfer the wholesale inventory management responsibility to another Military Department, such changes will be initiated by the Military Department acquiring the responsibility and will be coordinated with the Military Department relinquishing responsibility, prior to submission to DSAA.

(b) Dollar Lines—Additions of and changes to dollar lines of materiel items will be initiated only by DSAA. Recommendations concerning dollar line item changes

may be made by the Military Departments when deemed appropriate.

(2) Training. Changes to items in the training MASL, major item and dollar lines, will be submitted by the Military Department offering the training.

b. Inquiries

Inquiries regarding MASL data should be directed as follows:

(1) Materiel and Services (other than training). Requests for information in clarification of data in the DSAA MASL should be forwarded to DSAA, with the following exceptions:

(a) Requests for MAP Unit Price, LT, S/S and availability of items should be forwarded to the Military Department indicated by the MRI code of the item as having inventory management responsibility.

(b) Requests for addition of major items to the MASL will be forwarded to the Military Department to which single-service wholesale inventory management responsibility has been assigned. When the assignment is not known, request should be directed to the Military Department indicated in the MASL as having responsibility for similar type equipment.

(2) Training. All inquiries regarding training MASL data should be directed to the appropriate Military Department.

8. Submission of MASL Data

Military Departments will submit additions and changes to and deletions from the MASL on one of the appropriate card formats illustrated in Figure H-1 (Materiel, Training and MASL Conversion). Instructions for preparation of MASL data follow:

a. General

(1) MASL data in card 1 (materiel), card 2 (training) and card E (conversion) format may be transmitted to DSAA via AUTODIN using routing indicator RUE-WEDA. Submit as changes occur.

(2) Worksheets (printed legibly in pencil) may be submitted in single copy to Comptroller, DSAA, Washington, D.C. 20301, Attention: Data Management Division.

(3) Machine listings for mark-up will

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be provided by DSAA upon request, where the volume of changes warrants.

b. Additions

For new items recommended for addition to the MASL, complete all appropriate card

columns in accordance with the following instructions.

(1) Card 1—Materiel and Services other than Training (all generic codes except generic code N).

Card Column	Data	Explanation										
1	Card Code -----	The card code is used to signify the type of card being processed. A "1" in this column signifies that the card is a MASL card (materiel and services other than training). Codes G through O in this column identify "trailer cards" used to amplify the description of the item. (Trailer cards contain only NSN and Generic Code, and a continuation of the description.)										
2-3	Footnote Code -----	This column provides footnote code used in the MASL to provide significant information on availability of military articles and services. See Appendix A for explanation of footnote codes.										
4-6	MILSTRIP Routing Identifier -----	MILSTRIP routing identifier is the abbreviation for military standard requisitioning and issue procedures routing identifier, commonly referred to as the "MRI". The MRI identifies the headquarters within the Military Departments which has provided the MASL data. A complete listing of MRI's (except FAØ which is used for US Air Force MASL lines and identifies Headquarters US Air Force) is contained in the Military Department implementation of Department of Defense Manual, Military Standard Requisitioning and Issue Procedures (MILSTRIP) as follows: <div style="text-align: center;"> <p>Army—Army Regulation AR 725-50 Navy—NAVSANDA Publication 437 Air Force—AFM 67-1, Vol. 1</p> </div> For most dollar value lines, the MRI entry is blank and the MASL line has a "K" in the footnote code column. See footnote code K, Appendix A, for explanation of how to determine the correct MRI.										
7	Action Code -----	Leave blank.										
8-20	National Stock Number -----	GP CL NCB ITEM-ID is the abbreviation for federal stock group (FSG), class (FSC), National Codification Bureau Code (NCB) and item identification number (NIIN). Where cards are submitted ensure that O's are punched as numeric zeroes and I's are punched as numeric ones.										
21-23	Generic Code -----	A description of each generic code is contained in Appendix A.										
24	Classification -----	The code appearing in this column indicates the security classification of the item for guidance in complying with national disclosure policy and Military Department security regulations. <div style="text-align: center;"> <table border="0"> <tr> <td>Code</td> <td>Classification</td> </tr> <tr> <td>T</td> <td>Top Secret</td> </tr> <tr> <td>S</td> <td>Secret</td> </tr> <tr> <td>C</td> <td>Confidential</td> </tr> <tr> <td>U</td> <td>Unclassified</td> </tr> </table> </div>	Code	Classification	T	Top Secret	S	Secret	C	Confidential	U	Unclassified
Code	Classification											
T	Top Secret											
S	Secret											
C	Confidential											
U	Unclassified											
25-26	Unit of Issue -----	The abbreviation in this column represents the standard unit of issue to be used for programming the related MASL item. Appendix A contains the abbreviations appearing in the unit of issue column of the MASL.										
27-52	Description -----	The entry in this column is the description of the item. It is necessary for mechanical reasons, that the description be 26 characters or less. For this reason, numerous abbreviations and mnemonic words have been used. Where an item in the MASL is described by a National Stock Number (NSN), reference to the appropriate catalog will provide a more detailed description.										

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		Where more than 26 characters are required, trailer cards may be submitted (see entry in column 1).
53	Control Code -----	Enter K.
54-58	Blank -----	Leave blank.
59	Quantity Control -----	Leave blank. The code in this column will be entered by DSAA to determine quantity count for summarizing data. See Appendix A for explanation of codes.
60-61	Blank -----	Leave blank.
62-64	SIDN -----	Leave blank. The Selected Item Description Number (SIDN) will be entered by DSAA to provide a means for identification and rollup of detail records into standard groups or categories for the preparation of summary documents and Congressional data. See Appendix A.
65-80	Blank -----	Leave blank.

(2) Card 2—Training (Generic Code N)

<i>Card Column</i>	<i>Data</i>	<i>Explanation</i>
1	Card Code -----	The Card Code is used to signify the type of card being processed. A "2" in this column signifies that the card is a MASL card (training).
2-3	Duration -----	Enter duration of course, expressed in number of weeks. Leave blank for all categories of training except individual courses. Precede significant digits with a zero, e.g. 09. For courses in excess of 99 weeks, see Appendix A. Where duration is variable because the training line has a non-specific variable duration which should be determined separately, enter the code VA.
4-6	Execution Agency Identifier --	Enter the execution agency identifier code as described in Appendix A, and Chapter E.
7	Action Code -----	Leave blank.
8-13	Blank -----	Leave blank.
14-20	Item Identification Number ---	A seven-digit number used to identify each specific training item available for military assistance. The first four digits are prescribed by DSAA and are listed in Chapter E, Table E-5. These four digits will be used as a "root" by the Military Department who adds the last three digits to complete the seven digit identification number.
21-23	Generic Code -----	Enter the appropriate generic code prescribed in Appendix A.
24	Classification -----	Enter the appropriate classification code prescribed in Appendix A. Classified training requires security clearance prior to execution.
25-26	Unit of Issue -----	Enter "EA" (each) for student training (formal training, mobile training teams—detachments and field training services). Enter "XX" (dollars) for training support, personnel training and extraordinary expenses.
27-52	Description -----	Enter the description in 26 spaces or less. Insure that descriptions are as uniform as possible.
53	Control Code -----	The control code is used to designate the program year to which the MASL entry applies. DSAA will specify this code annually.
54-60	Prerequisite English Comprehension Level (ECL) -----	Assigned by the Military Department based on pertinent regulations. Leave blank if prerequisite ECL is not required.
61-72	Services Identification Number	Assigned by the Military Department to identify the item for its own internal processing.
73-80	Unit Price -----	An amount entered in this field represents the unit or contract cost for an individual course to be charged by the Military Department. "N/C" entered in this column signifies that no charge is made by the Military Department. "EST" entered in this field signifies that unit price must be estimated. The basis for estimat-

ing the unit price is contained in Military Department publications.

c. Changes

(1) To submit changes to existing MASL lines, the following fields must be completed:

<i>Column</i>	
1	Card Code
2-7	Action Code "S"
8-20	National Stock Number (Materiel Only)
14-20	Item Identification (Training Only)
21-23	Generic Code
53	Control Code

Entries in data fields other than the above are required only where a change in data is intended, e.g. unit price, duration, etc. Where a change is made, enter the new data.

(2) When changing a MASL line you may desire to blank certain fields. The fields listed below may be blanked by entering an asterisk(*) in the right most column of the fields.

(a) Materiel MASL Lines

<i>Column</i>	
2-3	Footnote Code

(b) Training MASL Lines

<i>Column</i>	
2-3	Duration
54-60	Prerequisite course number
61-72	Service Identification Number

d. Deletions

To delete an existing line from the MASL, the following fields must be completed:

<i>Column</i>	
1	Card Code
7	Action Code "D"
14-20	Item identification Number (Training)
8-20	Item Identification Number (Materiel)
21-23	Generic Code
53	Control Code (Training only)

Leave all other columns blank. Submit a conversion card where a substitute or replacement item is known.

e. MASL Conversion (Card E)

Paragraph 6.b. explains the use of MASL conversion data in the DSAA program/MASL Match procedures. Following is an explanation of card layout and instructions for submitting conversion data:

<i>Card Column</i>	<i>Data</i>	<i>Explanation</i>
1	Card Code -----	An "E" is used to indicate a conversion card for materiel, services and training.
2-7	Blank -----	Leave blank.
8-20	National Stock Number -----	Punch the group, class, NCB code (materiel and services only) and item identification number of the new program line as it appears in the MASL.
21-23	Generic Code -----	Punch the generic code of the new program line as it appears in the MASL.
24-27	Blank -----	Leave blank.
28-40	National Stock Number -----	Punch the group, class, NCB code (material and services only) and item identification number of the old program line being converted, as it appears in the MASL.
41-43	Generic Code -----	Punch the generic code of the old program line as it appears in the MASL.
44-52	Blank -----	Leave blank.
53	Control Code -----	Identifies the MASL file of the program line being converted (reference para 4).
54-80	Blank -----	Leave blank.

**CARD FORMATS
MILITARY ARTICLES AND SERVICES MASL**

CARD E

CARD CODE		1 2	NEW DATA	
MATERIAL ONLY	GROUP	NATIONAL STOCK NUMBER		
	CLASS			
	NCB CODE			
ITEM IDENTIFICATION NUMBER		20 21		
GENERIC CODE		23 24		
BLANK				
MATERIAL ONLY	GROUP	NATIONAL STOCK NUMBER		OLD DATA
	CLASS			
	NCB CODE			
ITEM IDENTIFICATION NUMBER		27 28		
GENERIC CODE		40 41		
BLANK		43 44		
CONTROL CODE		52 53 54		
BLANK		80		

MASL CONVERSION

**Figure H-1
(continued)**

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Figure H-2

DEFINITION GUIDE—MATERIEL
(Generic Codes A through K)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
A	AIRCRAFT				
1	<i>Combat Aircraft</i>				
A	Attack -----	FSC 1510 -----	X		
B	Bomber -----	FSC 1510 -----	X		
F	Fighter -----	FSC 1510 -----	X		
S	Anti-Submarine -----	FSC 1510 -----	X		
V	VTOL & VSTOL -----	FSC 1510 -----	X		
2	<i>Airlift Aircraft</i>				
C	Cargo Transport -----	FSC 1510 -----	X		
3	<i>Trainer Aircraft</i>				
T	Trainer -----	FSC 1510 -----	X		
4	<i>Helicopters</i>				
C	Cargo Transport -----	FSC 1520 -----	X		
H	General Purpose -----	FSC 1520 -----	X		
L	Observation -----	FSC 1520 -----	X		
S	Anti-Submarine -----	FSC 1520 -----	X		
T	Trainer -----	FSC 1520 -----	X		
U	Utility -----	FSC 1520 -----	X		
5	<i>Other Aircraft</i>				
E	Special Electronic Installation -----	FSC 1515 -----	X		
G	Glider -----	FSC 1540 -----	X		
K	Tanker -----	FSC 1510 -----	X		
L	Observation -----	FSC 1510 -----	X		
P	Patrol -----	FSC 1510 -----	X		
U	Utility -----	FSC 1510 -----	X		
X	Research -----	FSC 1510 -----	X		
Z	Airship -----	FSC 1530 -----	X		
6	<i>Modification of Aircraft</i>				
A	Class IV -----		X		
B	Class V -----		X		

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Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
A					
7	<i>Aircraft Support Equipment</i>				
A*	Ground handling equipment -----	FSC 1730, 4920 -----		X	
B*	Arresting, barrier and barricade equipment ---	FSC 1710 -----		X	
C*	Launching equipment -----	FSC 1720 -----	X		
D*	Specialized Trucks and Trailers -----	FSC 1740 -----		X	
* One dollar line provided for initial stockage, one for follow on.					
9	<i>Aircraft Spares and Spare Parts</i>				
A	Gasoline Reciprocating Engines, Complete ----	FSC 2810 -----		X	
B	Gas Turbines & Jet Engines, Complete -----	FSC 2840 -----		X	
C	Aircraft Components, Parts & Accessories ----	FSG 16 (except 1670) and FSC 1270, 1280, 1290, 1377, 1560 2620, 2810 (Components), 2840 (Components), 2915, 2925, 2935, 2945, 2950, 2995, 6340, 6605, 6610, 6615 and 6620		X	May include other FSG when supplied for aircraft.
B					
MISSILES					
1	<i>Ground Launched Missiles</i>				
	Missiles, Major Components, Class V Mods -----		X		See list below for specific missiles.
	Missile Shop Sets, test equipment, trailers, vans, mod kits, other components and support equipment -----			X	See list below for specific missiles.
2	<i>Air Launched Missiles</i>				
	Missiles, Major Components, Class V Mods -----		X		See list below for specific missiles.
	Missiles Shop Sets, test equipment, trailers, vans, mod kits, other components and support equipment -----			X	See list below for specific missiles.
3	<i>Sea Launched Missiles</i>				
	Missiles, Major Components, Class V Mods -----		X		See list below for specific missiles.

Figure H-2 (continued)

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Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
B					
3	Missile Shop Sets, test equipment, trailers, vans, mod kits, other components and support equipment -----			X	See list below for specific missiles.
The following codes will be used by the Military Departments when submitting MASL data for ground launched missiles or associated dollar lines:					
A.	Nike	F. Sergeant	L. Lacrosse		
B.	Redeye	G. Pershing	M. Thor		
C.	Hawk	H. Entac	N. Lance		
D.	Mauler	J. Tow	R. Chaparral		
E.	Jupiter	K. Dragon	S. Shillelagh		
The following codes will be used by the Military Departments when submitting MASL data for air launched missiles or associated dollar lines:					
A.	Shrike	T. Phoenix			
D.	Standard	V. Corporal			
F.	Aerial Target Missile	W. Sparrow			
N.	Falcon	Y. Matador			
R.	Sidewinder	Z. Multipurpose Missile Equipment			
S.	Bullpup				
The following codes will be used by the Military Departments when submitting MASL data for sea launched missiles or associated dollar lines:					
K.	Polaris				
P.	Terrier				
Q.	Tartar				
R.	Harpoon				
4	Q Drones -----	FSC 1520 & 1550 -----		X	
9	<i>Missile Spares and Spare Parts</i>				
A	Guided missile parts -----	FSG 14 & FSC 1190, 1195, 4935 -----		X	
B	Guided missile warhead components -----	FSC 1336, 1337, 1338 -----		X	
C	Free missile parts -----	FSC 1055, 1190, 1195, 1340 -----		X	

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Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
C	SHIPS				
1	<i>Warships</i>				
A	Destroyer (DD) -----	FSC 1905 -----		X	
B	Submarine (SS) -----	FSC 1905 -----		X	
C	Ocean Escort (DE) -----	FSC 1905 -----		X	
D	Light Aircraft Carrier (CVL) -----	FSC 1905 -----		X	
E	Light Cruiser (CL) -----	FSC 1905 -----		X	
F	Guided Missile Frigate -----	FSC 1905 -----		X	
2	<i>Amphibious Ships</i>				
A	Tank landing ship (LST) -----	FSC 1905 -----		X	
B	Medium landing ship (LSM/LSSL) -----	FSC 1905 -----		X	
C	Medium landing ship, rocket (LSMR) -----	FSC 1905 -----		X	
D	Utility landing craft (LCU) -----	FSC 1905 -----		X	
E	Transport (AKA/AP/APA/APC/APD) -----	FSC 1910 -----		X	
3	<i>Mine Warfare Ships</i>				
A	Coastal minelayer (MMC) -----	FSC 1905 -----		X	
B	Ocean minesweeper (MSO) -----	FSC 1905 -----		X	
C	Coastal minesweeper (MCS) -----	FSC 1905 -----		X	
D	Inshore minesweeper (MSI/MSB) -----	FSC 1905 -----		X	
E	Fleet minesweeper (MSF) -----	FSC 1905 -----		X	
G	Mine countermeasure support (MCS) -----	FSC 1905 -----		X	
H	Auxiliary mineplanter (YMP) -----	FSC 1905 -----		X	
4	<i>Patrol Ships</i>				
A	Patrol frigate (PF) -----	FSC 1905 -----		X	
B	Patrol craft (PC) -----	FSC 1905 -----		X	
C	Patrol craft escort (PCE) -----	FSC 1905 -----		X	
D	Patrol gunboat (PGM) -----	FSC 1905 -----		X	
E	Seaward defense craft (SDC) -----	FSC 1905 -----		X	
F	Fast patrol boat (FPB) -----	FSC 1905 -----		X	
G	Patrol torpedo boat (PT) -----	FSC 1905 -----		X	

Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
D	COMBAT VEHICLES				
1	<i>Armored Carriers</i>				
A	Personnel carriers, full track -----	FSC 2320, 2350 -----		X	
B	Personnel carriers, half track -----	FSC 2320 -----		X	
C	Armored cars -----	FSC 2320 -----		X	
D	Cargo carriers -----	FSC 2320, 2350 -----		X	
E	Weapons carriers -----	FSC 2320, 2350 -----		X	
2	<i>Self-Propelled Artillery</i>				
A	Anti-aircraft -----	FSC 2350 -----		X	
B	Anti-tank -----	FSC 2350 -----		X	
C	105mm howitzer -----	FSC 2350 -----		X	
D	155mm howitzer -----	FSC 2350 -----		X	
E	4.2 inch mortar -----	FSC 2350 -----		X	
F	8 inch howitzer -----	FSC 2350 -----		X	
G	175mm gun -----	FSC 2350 -----		X	
Z	Other self propelled artillery -----	FSC 2350 -----		X	
3	<i>Tanks</i>				
A	Light tank -----	FSC 2350 -----		X	
B	Medium tank -----	FSC 2350 -----		X	
4	<i>Tank Recovery Vehicles</i>				
A	Tank recovery vehicles -----	FSC 2320, 2350 -----		X	
5	<i>Other Combat Vehicles</i>				
A	High speed tractors -----	FSC 2430 -----		X	
B	Amphibious landing vehicles -----	FSC 2320, 2350 -----		X	
C	Tank mounted bulldozers -----	FSC 2590 -----		X	
E	TACTICAL AND SUPPORT VEHICLES				
1	<i>Semi-Trailers</i>				
A	Tank -----	FSC 2330 -----		X	
B	Stake -----	FSC 2330 -----		X	
C	Van -----	FSC 2330 -----		X	
D	Low bed -----	FSC 2330 -----		X	
E	Transporter -----	FSC 2330 -----		X	
Z	Other semi-trailers -----	FSC 2330 -----		X	

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Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
E					
2	<i>Trailers</i>				
A	Cargo	FSC 2330	X		
B	Tank	FSC 2330	X		
C	Ammunition	FSC 2330	X		
D	Fuel service	FSC 2330	X		
E	Low bed	FSC 2330	X		
F	Flat bed	FSC 2330	X		
G	Bolster	FSC 2330	X		
H	Dolly	FSC 2330	X		
Z	Other trailers	FSC 2330	X		
3	<i>Trucks</i>				
A	¼ ton cargo	FSC 2320	X		
B	¼ ton ambulance	FSC 2310	X		
D	¾ ton cargo	FSC 2320	X		
E	¾ ton ambulance	FSC 2310	X		
G	1 ton cargo	FSC 2320	X		
K	2½ ton cargo	FSC 2320	X		
L	2½ ton dump	FSC 2320	X		
M	2½ ton special purpose	FSC 2320	X		
N	2½ ton tank	FSC 2320	X		
Q	2½ ton truck-tractor	FSC 2320	X		
R	2½ ton wrecker	FSC 2320	X		
T	5-ton cargo	FSC 2320	X		
U	5-ton dump	FSC 2320	X		
W	5-ton truck-tractor	FSC 2320	X		
X	5-ton wrecker	FSC 2320	X		
Z	Other trucks	FSC 2320	X		
4	<i>Support vehicles</i>				
A	Station wagon	FSC 2310	X		
B	Sedans	FSC 2310	X		
C	Buses	FSC 2310	X		
D	Motorcycles and motor scooters	FSC 2340	X		
E	Ambulances	FSC 2310	X		
F	Commercial Trucks	FSC 2320	X		
Z	Other support vehicles	FSC 2310, 2320	X		

Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
F WEAPONS					
1	<i>Weapons, up to 75mm</i>				
A	Pistols -----	FSC 1005 -----		X	
B	Carbines -----	FSC 1005 -----		X	
C	Rifles -----	FSC 1005 -----		X	
E	Sub-Machine Guns -----	FSC 1005 -----		X	
F	Machine Guns -----	FSC 1005 -----		X	
G	Mounts -----	FSC 1005, 1015, 1090 -----		X	
H	Shotguns -----	FSC 1005 -----		X	
J	Sub-caliber weapons -----	FSC 1005, 1010 -----		X	
K	Anti-aircraft guns -----	FSC 1005, 1010 -----		X	
L	Launchers -----	FSC 1005, 1010, 1055 -----		X	
M	Mortars -----	FSC 1010 -----		X	
Z	Other weapons, up to 75mm -----	FSC 1005, 1010, 1090 -----		X	
2	<i>Artillery, 75mm and over</i>				
A	75mm guns -----	FSC 1015 -----		X	
B	76mm guns -----	FSC 1015 -----		X	
C	90mm guns -----	FSC 1015 -----		X	
D	105mm guns -----	FSC 1015 -----		X	
E	155mm guns -----	FSC 1025 -----		X	
F	175mm guns -----	FSC 1025 -----		X	
G	75mm howitzer -----	FSC 1015 -----		X	
H	105mm howitzer -----	FSC 1015 -----		X	
J	155mm howitzer -----	FSC 1025 -----		X	
K	8-inch howitzer -----	FSC 1030 -----		X	
L	75mm recoilless rifles -----	FSC 1015 -----		X	
M	90mm recoilless rifles -----	FSC 1015 -----		X	
N	105mm recoilless rifles -----	FSC 1015 -----		X	
P	106mm recoilless rifles -----	FSC 1015 -----		X	
Q	120mm recoilless rifles -----	FSC 1015 -----		X	
R	155mm recoilless rifles -----	FSC 1025 -----		X	
S	81mm mortar -----	FSC 1015 -----		X	
T	107mm/4.2 inch mortar -----	FSC 1015 -----		X	
U	120mm mortar -----	FSC 1015 -----		X	
Z	Other weapons, 75mm and over -----	FSC 1015, 1025, 1030, 1035 -----		X	

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Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
F					
3	<i>Naval Ordnance Weapons</i>				
A	20mm mounts -----	FSC 1005 -----	X		
B	40mm mounts -----	FSC 1010 -----	X		
C	3-inch/50 mounts -----	FSC 1015 -----	X		
D	5-inch/25 mounts -----	FSC 1020 -----	X		
E	5-inch/38 mounts -----	FSC 1020 -----	X		
F	5-inch/54 mounts -----	FSC 1020 -----	X		
G	Loading machines, all calibers -----	FSC 1010, 1015, 1020 -----	X		
H	Torpedo launchers -----	FSC 1045 -----	X		
J	Depth charge launchers -----	FSC 1045 -----	X		
K	ASW rocket launchers -----	FSC 1055 -----	X		
L	Harbor Nets, booms and buoys -----	FSC 1070, 2050 -----		X	
M	Degaussing and minesweeping equipment -----	FSC 1075 -----		X	
N	Naval fire control directors -----	FSC 1210 -----	X		
P	Naval fire control computing sights -----	FSC 1220 -----	X		
Q	ASW fire control systems -----	FSC 1230 -----	X		
R	Gunfire control systems -----	FSC 1230 -----	X		
S	Torpedo fire control systems -----	FSC 1210, 1220, 1230 -----	X		
T	Submarine fire control systems -----	FSC 1230 -----	X		
U	Target designating systems -----	FSC 1260, 1265 -----	X		
V	Fire control radar -----	FSC 1285 -----	X		
Z	Other naval ordnance weapons -----	FSC 1005, 1010, 1015, 1020, 1025, 1030, 1035, 1040, 1045, 1055, 1080, 1090, 1095, 1240, 1250, 1260, 1265, 1270, 1280, 1287, 1290 -----	X	X	(1)
4	<i>Other Weapons</i>				
A	Chemical weapons and equipment -----	FSC 1040 -----	X	X	(1)
B	Camouflage and deception equipment -----	FSC 1080 -----		X	
D	Fire control equipment other than aircraft and naval ordnance. -----	FSG 12 -----	X	X	(1)
Z	Miscellaneous other weapons and Interchangeable Assemblies. -----	FSC 1020, 1055, 1090, 1095 -----	X	X	(1)

Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
F					
9	Weapon Spare Parts, Components and Accessories				
A	Weapons -----	FSG, 11, 12 & FSC 1005, 1010, 1015, 1020, 1025, 1030, 1035, 1055, 1090, 1095, 2845 (other than Naval Ord).	-----	X	
B	Naval ordnance weapons -----	FSG 10, 12 & FSC 2845 -----		X	
G	AMMUNITION				
1	Ammunition up to 75mm & grenades				
A	22 caliber -----	FSC 1305 -----		X	
B	30 caliber -----	FSC 1305 -----		X	
C	7.62mm -----	FSC 1305 -----		X	
D	38 caliber -----	FSC 1305 -----		X	
E	45 caliber -----	FSC 1305 -----		X	
F	50 caliber -----	FSC 1305 -----		X	
G	60 caliber -----	FSC 1305 -----		X	
H	20mm -----	FSC 1305 -----		X	
J	37mm -----	FSC 1310 -----		X	
K	40mm -----	FSC 1310 -----		X	
L	57mm -----	FSC 1310 -----		X	
M	60mm mortar -----	FSC 1310 -----		X	
N	Shotguns -----	FSC 1305 -----		X	
P	Grenades -----	FSC 1330 -----		X	
Z	Other ammunition, up to 75mm -----	FSC 1305, 1310, 1330 -----		X	(1)
2	Ammunition, 75mm and over				
A	75mm -----	FSC 1315 -----		X	
B	76mm -----	FSC 1315 -----		X	
C	81mm mortar -----	FSC 1315 -----		X	
D	90mm -----	FSC 1315 -----		X	
E	105mm -----	FSC 1315 -----		X	
F	106mm -----	FSC 1315 -----		X	
G	4.2 inch mortar -----	FSC 1315 -----		X	
H	3 inch 50 -----	FSC 1315 -----		X	
J	5 inch 25 -----	FSC 1320 -----		X	

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Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
G					
2	K 5 inch 38 -----	FSC 1320 -----	X		
	L 5 inch/54 -----	FSC 1320 -----	X		
	M 155mm -----	FSC 1320 -----	X		
	N 8 inch -----	FSC 1320 -----	X		
	P 175mm -----	FSC 1320 -----	X		
	Z Other ammunition, 75mm and over -----	FSC 1315, 1320 -----	X	X	(1)
3	<i>Land Mines and Explosives</i>				
	A Anti-personnel mines -----	FSC 1345 -----	X		
	B Anti-tank mines -----	FSC 1345 -----	X		
	C Demolition kits -----	FSC 1375 -----	X		
	D Charges -----	FSC 1375 -----	X		
	Z Other explosives and land mine components -----	FSC 1345, 1375, 1376, 1377 -----	X	X	
4	<i>Naval Ordnance Ammunition</i>				
	A Service mines, complete -----	FSC 1361 -----	X		
	B Drill mines, complete -----	FSC 1350, 1351 -----	X		
	C Mine components -----	FSC 1350, 1351 -----	X	X	(1)
	D Torpedo exercise heads -----	FSC 1355, 1356 -----	X		
	E Anti-surface torpedoes -----	FSC 1356 -----	X		
	F ASW torpedos -----	FSC 1356 -----	X		
	G Torpedo components -----	FSC 1355, 1356 -----		X	
	H Depth charges -----	FSC 1361 -----	X		
	J Depth charge components -----	FSC 1360, 1361 -----		X	
5	<i>Bombs and Rockets</i>				
	A Practice bombs and shapes -----	FSC 1325 -----	X		
	B Armor piercing bombs -----	FSC 1325 -----	X		
	C Depth bombs -----	FSC 1325 -----	X		
	D Fire and incendiary bombs -----	FSC 1325 -----	X		
	E Fragmentation bombs -----	FSC 1325 -----	X		
	F General purpose bombs -----	FSC 1325 -----	X		
	G Electronic Operated Guided Bombs -----	FSG 13 -----	X		
	M Bomb components -----	FSC 1325 -----		X	
	N Other bombs -----	FSC 1325 -----	X		
	P 2.25 inch rockets -----	FSC 1340 -----	X		

Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
G					
Q	2.36 inch rockets -----	FSC 1340 -----	X		
R	2.75 inch rockets -----	FSC 1340 -----	X		
S	3.5 inch rockets -----	FSC 1340 -----	X		
T	5 inch rockets -----	FSC 1340 -----	X		
U	7.2 inch rockets -----	FSC 1340 -----	X		
W	Honest John rockets -----	FSG, 10, 11 & 13 -----	X	X	
Y	Rocket components -----	FSC 1340 -----	X	X	(1)
Z	Other rockets -----	FSC 1340 -----	X		
6	<i>Pyrotechnic and Chemical Munitions</i>				
A	Chemical munitions -----	FSC 1365 -----	X		Agents
				X	Articles other than agents in FSC 1365.
B	Pyrotechnics -----	FSC 1370 -----	X	X	(1)
7	<i>Other Ammunition</i>				
A	Ammunition raw materials -----	FSC 9999 -----		X	
B	Fuzes and primers -----	FSC 1390 -----	X	X	(1)
C	Ammunition containers -----	FSC 8140 -----		X	
D	Miscellaneous ammunition tools, and specialized equipment -----	FSC 1385, 1386, 1395, 1398 -----		X	
H	COMMUNICATIONS EQUIPMENT				
1*	Telephone and Telegraph Equipment -----	FSC 5805 -----	X	X	(1)
2*	Radio and Television Communications Equipment -----	FSC 5820, 5821, 5985 -----	X	X	(1) Installation units will be programmed under dollar lines provided by DSAA.
3*	Radio Navigation Equipment -----	FSC 5825, 5826 -----	X	X	(1)
4*	Radar Equipment -----	FSC 5840, 5841 -----	X	X	(1)
5*	Underwater Sound Equipment -----	FSC 5845 -----	X	X	(1)
6*	Other Communications Equipment -----	FSC 5810, 5815, 5830, 5831, 5835, 5850, 5855, 5895 -----	X	X	(1), (2) Installation units for equipment in FSG 58 (other than 5820 & 5821) will be programmed under appropriate dollar line provided by DSAA.

Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
H					
* The following alphabetic characters will be used by the Military Departments as the third character of the Generic Code to identify the type of installation:					
	A Airborne		P Pack or portable		
	F Fixed		V Ground, vehicular		
	G Ground, general ground use		W Water, surface and underwater		
	K Amphibious		Z Other communications equipment		
9	<i>Communications Equipment Spare Parts and Electronic Supplies</i>				
A	Communications equipment spare parts and electronic supplies -----	FSG 58, 59 -----		X	
J					
SUPPORT EQUIPMENT					
1	<i>Chemical Equipment</i>				
A	Decontaminating and impregnating equipment -----	FSC 4230 -----		X	
2	<i>Construction Equipment</i>				
A	Full track tractors -----	FSC 2410 -----		X	
B	Wheeled tractors -----	FSC 2420 -----		X	
C	Earthmoving and excavating equipment -----	FSC 3805 -----		X	
D	Cranes and crane-shovels -----	FSC 3810 -----		X	
E	Road clearing equipment -----	FSC 3825 -----		X	
F	Military bridging -----	FSC 5420 -----		X	
Z	Miscellaneous construction equipment -----	FSC 3815, 3830, 3895 -----		X	
3	<i>Materials Handling Equipment</i>				
A	Conveyors, cranes and derricks -----	FSC 3910, 3950 -----		X	
Z	Other materials handling equipment -----	FSG 39 (except 3910 and 3950) -----		X	
4	<i>Photographic Equipment</i>				
A	Cameras -----	FSC 6720 -----		X	
B	Projection equipment -----	FSC 6730 -----		X	
C	Developing and finishing equipment -----	FSC 6740 -----		X	
Z	Other photographic equipment, supplies and spare parts. -----	FSG 67 (except 6720, 6730 and 6740) -----		X	

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Figure H-2 (continued)

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Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
J					
5	<i>Training Aids and Devices (FMS use only)</i>				
A	Training aids -----	FSC 6910 -----		X	
B	Armament training devices -----	FSC 6920 -----		X	
C	Operational training devices -----	FSC 6930 -----		X	
D	Communication training devices -----	FSC 6940 -----		X	
V	Books, Maps, and Publications -----	FSG 76 -----		X	
Z	Other training aids and devices and spare parts -----	FSG 69 -----		X	
6	<i>Other Equipment</i>				
A	Parachutes and aerial delivery equipment ----	FSC 1670 -----		X	
D	Other Power Transmission equipment -----	FSG 30 -----		X	
E	Woodworking machinery and equipment -----	FSG 32 -----		X	
F	Metal working machinery -----	FSG 34 -----		X	
G	Special Industrial machines -----	FSG 36 -----		X	
N	Safety and rescue equipment -----	FSC 4220 & 4240 -----		X	
P	Steam plant and drying equipment -----	FSG 44 -----		X	
Q	Maintenance and repair shop equipment -----	FSC 4910, 4925, 4930, 4931, 4933, 4940 -----		X	
R	Power and distribution equipment -----	FSG 61 & 62 -----		X	
T	Instruments and laboratory equipment -----	FSG 66 (except 6610, 6630, & 6640) -----		X	
Z	Other support equipment -----	FSG 22, 3835, 6310, 6330, 6350 -----		X	
7	<i>Other Support Equipment</i>				
A	Medical Surgical equipment -----	FSC 6515 -----		X	
B	Dental equipment -----	FSC 6520 -----		X	
C	X-Ray equipment -----	FSC 6525 -----		X	
D	Hospital equipment -----	FSC 6530 -----		X	
E	Chemistry/Laboratory equipment -----	FSC 6630, 6640 -----		X	
F	Laundry & Dry Cleaning equipment -----	FSC 3510 -----		X	
G	Shoe Repair equipment -----	FSC 3520 -----		X	
H	Service & trade equipment -----	FSG 35 (except 3510 & 3520) -----		X	
K	Office machines -----	FSG 74 -----		X	
L	Pumps & compressors -----	FSG 43 -----		X	
M	Plumbing & heating equipment -----	FSG 45 -----		X	

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Figure H-2 (continued)

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
J					
7					
N	Engines -----	FSG 28 -----		X	
P	Prefab & portable structures -----	FSG 54 (except 5240) -----		X	
Q	Mine drilling equipment -----	FSC 3820 -----		X	
R	Refrigeration & Airconditioning equipment -----	FSG 41 -----		X	
S	Firefighting equipment -----	FSC 4210 -----	X	X	
Z	Other support equipment -----	FSG 37, 46, 47, 48, 71, 72, 73 -----		X	
K					
	SUPPLIES				
1	<i>Clothing and Textile Supplies</i>				
A	Clothing Textiles and Individual Equipment --	FSG 83 & 84 -----		X	
2	<i>Medical Supplies</i>				
A	Drugs, biologicals and surgical dressings -----	FSC 6505, 6510 -----		X	
Z	Other dental & medical supplies -----	Supplies in FSG 65, (except FSC 6505 & 6510) -----		X	
3	<i>Subsistence</i>				
A	Human subsistence -----	FSG 89 -----		X	
4	<i>General Supplies</i>				
A	Hand and measuring tools -----	FSG 51, 52 -----		X	
Z	Other general supplies -----	FSG 40, 75, 78, 79, 80, 81 (except 8140), 85, 93 and FSC 8710, 8820, 9905, 9925, 9930 and 9999 -----		X	
5	<i>Industrial Supplies</i>				
A	Industrial supplies -----	FSG 31, 53, 94 & 95 -----		X	
6	<i>Fuels, Oils and Chemicals</i>				
A	Jet fuel -----	FSC 9130 -----		X	
B	Aviation gasoline -----	FSC 9130 -----		X	
C	Automotive gasoline -----	FSC 9130 -----		X	

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Figure H-2 (continued)

Change 18, 1 March 1978

Generic Code	Description	Federal Supply Classification	Program as:		Remarks
			Major Item	Dollar Line	
K					
D	Diesel fuel -----	FSC 9140 -----		X	
E	Navy special fuel oil -----	FSC 9140 -----		X	
F	Chemicals -----	FSG 68 -----		X	
G	Solid fuel -----	FSC 9110 -----		X	
Z	Other petroleum, oil and lubricants -----	FSG 91 (except 9910, 9130, 9140) -----		X	
7	<i>Construction Supplies</i>				
Z	Construction supplies -----	FSG 55& 56 -----		X	
8	<i>Automotive Supplies</i>				
A	Automotive supplies and equipment parts -----	FSG 25, 26, 28 (except 2620, 2810, 2840 & 2845), FSC 2910, 2920, 2930, 2940, 2990 and other spare parts -----		X	Automotive supplies and spare parts for equipment in Generics D, E, J & K.

CHAPTER M

MANAGEMENT OF THE CEILING ON WEAPONS
AND WEAPONS RELATED ITEMS**1. Purpose**

This chapter prescribes the management policies and procedures to account for and control U.S. transfers of weapons and weapons related items in consonance with the President's policy to reduce the volume of such transactions.

2. Policy Guidance

The President's policy for all transfers of weapons and weapons related items (except to NATO countries/agencies, Japan, Australia, and New Zealand) requires that the dollar volume in constant FY 1976 dollars of new orders under Foreign Military Sales and Military Assistance Programs in FY 1978 be less than the FY 1977 total. To this end, the Office of the Secretary of Defense has established the procedures within this chapter for managing a ceiling on Weapons and Weapons Related Items and has made DSAA the responsible agency for its implementation.

3. Description of the Ceiling

The annual ceiling applies to FMS and MAP and covers only weapons and weapons related items (Figure M-1) for all countries except NATO countries/agencies, Japan, Australia, and New Zealand. Items which are not weapons or weapons related are listed in Figure M-2. The procedures pertaining to the control of MAP transactions are contained in Part II of the MASM.

4. Allocation Accounting System

a. DSAA has developed an allocation accounting system to provide the positive con-

trols required to assure that sales of weapons and weapons related items do not exceed the annual ceiling established by the President. The DSAA/TC Ceiling Management Division is responsible for maintaining the allocation accounting system which provides:

(1) Prompt recording of the dollar value of all Letters of Offer issued. At the time the case is entered into the 1100 system, it will be coded to enable management to identify that portion of each case associated with weapons and weapons related items and services.

(2) Assurance that Letters of Offer for weapons and weapons related items will not be issued in excess of ceiling dollars allocated.

(3) Priority tracking of all reservations against the annual fiscal year ceiling for accounts 2 and 3 (see para 5a); i.e., positive control over the value of all sales offers issued together with control over the fiscal year in which each sales agreement may be accepted by the purchaser.

(4) The same control over issuance of scope change amendments to prior year programs. Such changes will be counted in the fiscal year in which they are accepted.

(5) Ability to respond accurately to requests for reporting the value of Letters of Offer issued in relation to the annual fiscal year ceiling.

(6) Recording the value of accepted sales agreements as soon as possible with the goal of doing so within five days after signature by the purchaser.

b. Section 36(b), Arms Export Control

Act, cases will continue to be reported as outlined in Part III. The following additional information is also required for Section 36(b) cases:

(1) A breakout of the items by dollar value into either the category "weapons and weapons related items" or "items not weapons or weapons related".

(2) An indication of whether the country may only accept the case in the current fiscal year so as to preclude program disruption, or whether country acceptance could be delayed until the next fiscal year without causing difficulty.

(3) A description of what problems would occur if the case was not accepted until the next FY.

(4) An indication of whether the program should be broken into several support cases and the FY in which the country must accept each case in order to avoid program disruption.

5. Description of the Allocation Accounting System

a. Upon receipt of the fiscal year ceiling, the dollar value thereof will be reduced by

the amount reserved for MAP weapons and weapons related items. The remaining balance for the fiscal year will then be set aside for the following three accounts:

(1) Account 1 — cases not requiring Section 36(b) notification (any Letter of Offer for major defense equipment less than \$7 million and all other Letters of Offer less than \$25 million).

(2) Account 2 — Section 36(b) follow-on support cases directly related to weapons systems previously provided.

(3) Account 3 — all other Section 36 (b) cases.

b. Each military department and other defense agency preparing Letters of Offer, including scope changes to offers previously accepted, will provide DSAA/TC by 15 September of each year with a forecast of cases falling within each of the accounts addressed in para 5a which are expected to be offered in the next fiscal year. Each submission should show the basis of arriving at the forecast amount in sufficient detail to permit an analysis of the judgements and assumptions used. The formats to be used are as follows:

Account 1 FY—Estimate				
<u>Country</u>		<u>Estimated Value</u>	<u>Basis for Estimate</u>	
Account 2/3 FY—Estimate				
<u>Country</u>	<u>Item</u>	<u>Estimated Value</u>	<u>Basis for Estimate</u>	<u>Estimated 36(b) Submission Date to DSAA</u>

c. At the beginning of each fiscal year, the annual dollar ceiling set aside for FMS will be allocated to the three accounts.

(1) Account 1 — allocate a specified amount for ceiling related cases in this category, based on an estimate by DSAA considering experience of prior years and the report specified in para 5b.

(2) Account 2 — allocate a specified

amount for ceiling related follow-on support 36(b) cases identified at the beginning of the fiscal year as required to support weapons systems previously provided.

(3) Account 3 — allocate the remainder of the ceiling available for all other ceiling related cases.

d. At the time DOD receives authorization to issue an advance Section 36(b) notifica-

tion to Congress, DSAA will reserve the applicable dollar value of the notification in the appropriate fiscal year ceiling account.

(1) Account 1 — not applicable.

(2) Account 2 — reserve the value of ceiling related items in the advance notification; reduce unused allocation by the same amount.

(3) Account 3 — reserve the value of ceiling related items in the advance notification; reduce unused allocation by the same amount.

e. The Military Departments and Defense Agencies are responsible for inserting the appropriate MASL line data for each line item on each Letter of Offer (DD Form 1513). Should there not be an applicable line in the MASL, it is the responsibility of the department or agency preparing the DD Form 1513 to establish a line in accordance with the procedures outlined in Chapter H, Part I and Appendix A, para 20, Part III. Upon receipt of the DD Form 1513, the DSAA Ceiling Management Division will verify that these lines are properly completed. The DD Form 1513 will not be processed and will be returned to the preparing agency if line items contain incorrect MASL data.

f. When the Letter of Offer is approved for release, it will be countersigned by DSAA/TC.

(1) Account 1 — commit the value of ceiling related items contained in each Letter of Offer countersigned; reduce unused allocation by the amount of the commitment.

(2) Account 2 — commit the value of ceiling related items contained in each Letter of Offer countersigned; adjust reservation made for advance Section 36(b) notification to reflect amount of commitment recorded; adjust unused allocation by the amount of the adjustment to the reservation.

(3) Account 3 — commit the value of ceiling related items contained in each Letter of Offer countersigned; adjust reservation made for advance Section 36(b) notification

to reflect amount of commitment recorded; adjust unused allocation by the amount of the adjustment to the reservation.

g. The DSAA/TC Ceiling Management Division will also stamp the DD Form 1513 to indicate that the LOA must be accepted not later than or, as applicable not prior to a certain date. In addition, the stamp will also require that DSAA be notified by the requesting country, either directly or as prescribed in paragraph 5k, within 5 days after acceptance or rejection of the offer; if such notice is not received ten days after the expiration date of the DD Form 1513, the Letter of Offer, even though accepted, will be automatically cancelled. The Allocation Accounting System ledgers will be adjusted accordingly.

h. All requests for extensions of expiration dates on all Letters of Offer as well as revisions, prior to acceptance, to the DD Form 1513 which result in increases to the case's value must be submitted to DSAA/TC (ATTN: Ceiling Management Division) for approval. Strict adherence to the expiration date of the Letter of Offer is required; e.g., if FY 1978 ceiling dollars are committed to the transaction, the expiration date must fall within FY 1978; commitment of FY 1979 ceiling dollars requires that the Letter of Offer will not be valid before 1 October 1978. Exigencies within the ceiling management program could impact upon offer expiration dates in block #8 of the DD Form 1513, particularly during the latter months of the FY. Required changes to the offer expiration date resulting from ceiling constraints will be made by DSAA and coordinated with the cognizant military activity or agency.

i. After the DOD receives the release authority from the Department of State, the Ceiling Management Division will return the original copy of the DD Form 1513 to the preparing agency for further processing to the prospective customer, forward a copy to the SAAC, and retain a copy for its files. When the Letter of Offer is accepted, distribution of the DD Form 1513 will be made in accordance with the instructions contained in

the DD Form 1513. In addition, the applicable Military Department or agency is responsible for furnishing a signed copy to the Ceiling Management Division.

j. Acceptances will be recorded against the appropriate fiscal year ceiling when a Letter of Offer is signed by an authorized representative of the foreign country to which the offer was made.

(1) Account 1 — record the value of ceiling related items contained in each Letter of Offer accepted; if necessary, adjust unused allocation and the commitment recorded at the time of offer to reflect USG authorized changes made to the Letter of Offer by the foreign government.

(2) Account 2 — record the value of ceiling related items contained in each Letter of Offer accepted; if necessary, adjust unused allocation, the reservation, and the commitment recorded at the time of offer to reflect USG authorized changes made to the Letter of Offer by the foreign government.

(3) Account 3 — record the value of ceiling related items contained in each Letter of Offer accepted; if necessary, adjust unused allocation, the reservation and the commitment recorded at time of offer to reflect USG authorized changes made to the Letter of Offer by the foreign government.

k. Each MAAG, ODC, or similar organization will immediately advise DSAA/TC, SAAC, and the Military Department or other agency issuing the Letter of Offer by priority message when each Letter of Offer has been signed or rejected by the host country. In those instances when Letters of Offer are processed by the foreign country without MAAG, ODC, or similar organization involvement, the Letter of Offer will have an annotation requiring the signature authority to immediately notify DSAA, SAAC, and the appropriate organization issuing the Letter of Offer by message when signed by an authorized representative of the purchaser.

l. The allocation accounting system will be maintained on a daily basis and reconciled with the data in the 1100 system to insure

compatibility and accuracy of actual data. See Figure M-3 for an illustration of FMS ceiling allocation transactions.

m. Reference to a Letter of Offer (DD Form 1513) includes an amendment to a Letter of Offer (DD Form 5131-1) for purposes of paragraph 4 and all above subparagraphs of this paragraph. Notifications of price increases issued on DD Form 1513-2 to cases accepted during the same fiscal year will be provided by the issuing authority immediately after issuance to the DSAA Ceiling Management Division for adjustment of the appropriate Allocation Accounting System accounts.

6. Estimated Ceiling Activity

The Ceiling Management Division will be in a position to provide estimates of ceiling activity based upon the information submitted in accordance with paragraph 5 above and required updates. The accuracy of these estimates will be dependent upon:

a. Analysis of computer records of reservations and commitments pertaining to ceiling activity including revalidation of specified reserves in accounts 2 and 3.

b. Analysis of the status of Letters of Offer outstanding, to revise forecasts for current and next fiscal year.

c. Analysis of Section 36(b) notifications which are under or have completed Congressional review, but for which Letters of Offer have not been issued.

d. Identification of cases not yet authorized for advance Section 36(b) notification to Congress and their potential impact on the ceilings for the current and next fiscal year.

e. Identification of programs in which recipients are known to have an interest for possible impact on the ceilings for the current and next fiscal year.

7. Monthly Report

A monthly report is required from each Military Department which indicates the

status of preparation of Letters of Offer which must undergo Congressional Review under provisions of Section 36(b), Arms Export Control Act. Reports are due in DSAA/TC by the 20th of each month. Specific information required is:

a. A listing, by country, items and esti-

mated dollar value, of LOAs in preparation which must be submitted to the DSAA Comptroller for initiation of the Congressional review process.

b. An estimate of the date when each of these LOAs will be submitted to the DSAA Comptroller.

WEAPONS AND WEAPONS RELATED ITEMS

All aircraft	Gun, 105mm
Aircraft modifications	Gun, 155mm
Aircraft spare parts	Gun, 175mm
All Ships	Howitzers, 75mm
Ship cost sharing	Howitzers, 105mm
Ship space parts	Howitzers, 155mm
All missiles	Howitzers, 8 inch
Missile system components	Mortars, 60mm
Missile modifications	Mortars, 81mm
Missile spare parts	Mortars, 107mm—4.2 inch
Armored cars	Mortars, 120mm
Carrier, Cargo, Armored	Rifles, recoilless, 75mm
Carrier, personnel, armored, full track	Rifles, recoilless, 90mm
Carrier, personnel, armored, half track	Rifles, recoilless, 105mm
Carrier weapons	Rifles, recoilless, 106mm
Tanks	Rifles, recoilless, 120mm
Tank recovery vehicles	Rifles, recoilless, 155mm
Miscellaneous combat vehicles	Subcaliber weapons
Artillery, self-propelled, anti-aircraft	Other weapons up to 75mm
Artillery, self-propelled, anti-tank	Other weapons 76mm + over
Artillery, self-propelled, 105mm howitzer	Mounts, 20mm
Artillery, self-propelled, 155mm howitzer	Mounts, 40mm
Artillery, self-propelled, 4.2 mortar	Mounts, 4 inch/50
Artillery, self-propelled, 8 inch howitzer	Mounts, 5 inch/25
Artillery, self-propelled, 175mm gun	Mounts, 5 inch/38
Artillery, self-propelled, other	Mounts, 5 inch/54
Semi-trailers, all types*	Launchers, depth charge
Trailers, all types*	Launchers, rocket
Trucks, 1/4 ton, all types*	Launchers, torpedo
Trucks, 3/4 ton, all types*	Loading machines
Trucks, 1 ton, all types*	Fire control directors
Trucks, 2 1/2 ton, all types*	Fire control computers
Trucks, 5 ton, all types*	ASW fire control systems
Fire trucks*	Gunfire control systems
Other trucks*	Torpedo fire control systems
Carbines	Submarine fire control systems
Pistols	Vehicles, miscellaneous types
Rifles	Other weapons + ordnance equipment
Submachine guns	Weapons, spares
Machine guns	Automotive supplies + equipment spares
Gun, anti-aircraft	Artillery charges (thousand)
Gun, riot-control	Artillery projectives 5 inch + over (thousand)
Gun, 75mm	Bombs (thousand)
Gun, 76mm	Cartridges up through 20mm (thousand)
Gun, 90mm	Cartridges, 37mm to 75mm (thousand)

* Built to Military Specification (Mil Specs)

Figure M-1

MILITARY ASSISTANCE AND SALES MANUAL—PART III

Cartridges, 75mm to 90mm (thousand)	Radio receiving equipment
Cartridges, 105mm—155mm (thousand)	Radio relay equipment
Grenades (thousand)	Radios, tactical
Mines (thousand)	Radio transmitting equipment
Mortar rounds, 60mm (thousand)	Other communications equipment
Mortar rounds, 81mm—4.2 inch (thousand)	Communications equipment spares
Riot control gun ammunition (thousand)	Military bridges
Rockets (thousand)	Tractors, crawlered + wheeled
Torpedos	Fork lift trucks
Other ammunition and components	Tool kits and sets
Electronic Countermeasures equipment	Petroleum oil lubricants, gases and fuels
Radar air search equipment	Repair and rehabilitation
Radar ground control (GCA) equipment	Research and development
Radar mortar tracking equipment	Ship overhauls
Radar Surveillance equipment	Training aids and publication FMS
Radio ground-air communications equipment	Training FMS
Radio mobile + transportable equipment	Technical Assistance
Radios, non-tactical	Technical Assistance Field Team (TAFT)
Radio-radar equipment, airborne	Weapons production project

Figure M-1
(continued)

ITEMS NOT WEAPONS OR WEAPONS RELATED

Cranes	Other supplies
Major construction equipment items	Miscellaneous material
Generators, 30kw + larger	Construction
Compressors, 100 cem + larger	Supply operations
Prefabricated buildings	Packing, crating, handling and transportation
Station wagons	Operation and maintenance of MAP installations
Sedans	Storage + maintenance of stockpiles
Buses	Logistics management expenses
Motorcycles/motor scooters	Training aids and publications IMET
Commercial ambulances	Training IMET
Commercial trucks	Infrastructure
Other commercial vehicles	Other services
Public address equipment	International military headquarters
Recorder, reproducer equipment	IG state and other expenses
Telephone sets	Administration expenses
Tel + Tel terminal + transportation equipment	FMSO No. 1 agreement
Miscellaneous, other support equipment	

Figure M-2

ILLUSTRATION OF FMS CEILING

	<i>Unused Allocation</i>	<i>Reservation</i>	<i>Commitment</i>	<i>Acceptance</i>
<i>ACCOUNT 1—NON-36(b) CASES</i>				
Opening Balance	1,000	Not Used		
Case AAA Offer	998		2	
Case AAA Accept	999		—1	1
<i>ACCOUNT 2—36(b) FOLLOW-ON SUPPORT CASES</i>				
Opening Balance	2,000			
Case AAB Advance 36(b)	1,990	10		
Case AAB Offer	1,990		10	
Case AAB Accept	1,991	—1	—1	9
<i>ACCOUNT 3—OTHER 36(b) PROGRAMS</i>				
Opening Balance	7,000			
Case AAC Advance 36(b)	6,500	500		
Case AAC Offer	6,520	—20	480	
Case AAC Accept	6,520			480

Figure M-3

APPENDIX C

MAJOR DEFENSE EQUIPMENT LIST

CATEGORY I—FIREARMS

Rifle, 5.56MM, M-16;(A)

CATEGORY II—ARTILLERY AND PROJECTORS

Gun, 20MM (AF)

Gun, GAU-8, 30MM (AF)

CATEGORY III—AMMUNITIONCannon Launched Guided Projectile
(CLGP) (A)

Cartridge, 20MM(N) (AF)

Cartridge, 30MM (AF)

Cartridge, 40MM (HE) (A)

Cartridge, 60MM (A)

Cartridge, 81MM (A)

Cartridge, 105MM (HE) (A)

Cartridge, 4.2 inch (A)

Projectile, 5"/38 Cal (N)

Projectile, 5"/54 Cal (N)

Projectile, 155MM (HE) (A)

Projectile, 175MM (A)

Projectile, 8 inch (A)

CATEGORY IV—LAUNCH VEHICLES, GUIDED MISSILES, BALLISTIC MISSILES, ROCKETS, TORPEDOES, BOMBS AND MINES

ASROC (Anti-Submarine Rocket) (N)

Bomb, MK-20, Cluster Bomb, Rockeye (N)

Bomb, MK-82, 500#, General Purpose (AF)

Bomb, MK-83, 1,000#, General Purpose (AF)

Bomb, MK-84, 2,000#, General Purpose (AF)

Bomb, M-117, 750#, General Purpose (AF)

Launcher, TOW (A)

Light Anti-Tank Weapon 66MM (LAW) (A)

Mine, Naval Warfare

(QUICKSTRIKE—MK 62 Mod O,
MK 63 Mods O and 1, MK 64 Mods O
and 1, MK 65 Mods O and 1) (N)Mine, Naval Warfare, MK-68, Mod O
(PRAM)(N)

Missile, AIM-4, Falcon (AF)

Missile, AIM-7, Sparrow (N) (AF)

Missile, AIM-9, Sidewinder(N) (AF)

Missile, AGM-12, Bullpup (N)

Missile, AGM-45, Shrike (N) (AF)

Missile, AGM-65A, E/O, Maverick(AF)

Missile, Chaparral (A)

Missile, Cruise (AF)

Missile, Dragon (A)

Missile, Harm (N) (AF)

Missile, Harpoon (N)

Missile, Hawk (A)

Missile, Improved Hawk (A)

Missile, Lance (A)

Missile, Pershing (A)

Missile, Phoenix (N)

Missile, Redeye (A)

Missile, Walleye (N)

Missile, Nike Hercules (A)

Missile, Roland (A)

Missile, Standard Arm (N) (AF)

Missile, Standard ER RIM-67A (N)

Missile, Standard MR RIM-65A (N)

Missile, Tartar (N)

Missile, Terrier (N)

Missile, Tomahawk(N)

Missile, TOW (A)

Missile, M-65 Airborne TOW (A)

Torpedo, MK-46 (N)

Torpedo, MK-48 (N)

Rocket, 2.75 inch (A) (AF)

CATEGORY V—PROPELLANTS, EXPLOSIVES AND INCENDIARY AGENTS

Items in this category which meet the dollar criteria for major defense equipment are not significant combat equipment as defined in the U.S. Munitions List.

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CATEGORY VI—VESSELS OF WAR AND SPECIAL NAVAL EQUIPMENT

CC—Guided Missile Cruiser (N)
DD—963—Destroyer (SPRUANCE Class) (N)
DD—Destroyer (N)
DDG—Guided Missile Destroyer (N)
FFG—Guided Missile Frigate (N)
LCM/LCU/LCVP—Amphibious Landing Craft (N)
LPD—Amphibious Transport Dock (N)
LSD—Dock Landing Ship (N)
LST—Tank Landing Ship (N)
LKA—Amphibious Cargo Ship (N)
LPA—General Purpose Amphibious Assault Ship (N)
MSO—Minesweeper, Ocean (Non-Magnetic) (N)
PHM—Patrol Combatant Missile (Hydrofoil) (N)
SS—Submarine (Conventionally Powered) (N)

CATEGORY VII—TANKS AND MILITARY VEHICLES

Armored Reconnaissance Airborne Assault Vehicle, M-551 (A)
Carrier, Armored Personnel, M-113 (A)
Carrier, Command Post, M-577 (A)
Carrier, Cargo, M-548 (A)
Combat Engineering Vehicle, M-728 (A)
Gun, Self-Propelled, 175MM, M-107 (A)
Howitzer, Self-Propelled, 8-inch, M-110(A)
Howitzer, Self-Propelled, 155MM, M-109 (A)
Howitzer, Med, Towed, 155MM, M-198 (A)
Mechanized Infantry Combat Vehicle, XM-723 (A)
Tank, M-48 Series (A)
Tank, M-60 Series (A)
Tank, XM-1 (A)
Vehicle, Recovery, M-88A1(A)
Vehicle, Amphibious, LVTP (A)
Vulcan Air Defense System(A)

CATEGORY VIII—AIRCRAFT, SPACECRAFT, AND ASSOCIATED EQUIPMENT

A-4 (N)
A-6 (N)

A-7 (N)
A-10 (AF)
A-37 (AF)
AH-1 (A)
AH-1H (A)
AMST (AF)
C-5 (AF)
C-130 (AF)
C-141 (AF)
CH-47 (A)
E-2C (N)
E-3A (AF)
E-4 (AF)
EA-6 (N)
F-4 (A) (AF)
F-5 (AF)
F-8 (N)
F-14 (N)
F-15 (AF)
F-16 (AF)
F-18 (N)
F-100 (AF)
F-101 (AF)
F-102 (AF)
F-104 (AF)
F-106 (AF)
F-111 (AF)
H-3 (N) (AF)
H-46 (N)
H-53 (N) (AF)
H-65 (N)
Lamps Mark III (N)
OV-1 (A)
OV-10 (N)
P-3 (N)
S-2 (N)
S-3 (N)
S-65 (N)
SH-2D/F (Lamps I) (N)
T-2 (N)
T-33 (AF)
T-37 (AF)
UH-1H (A)
UH-1N (A) (N)
YUH-60/61 (UTTAS) (A)

Engines

F-100 (AF)
F-401 (N)

F-404 (N)
 J-47 (AF)
 J-52 (N)
 J-57 (N)(AF)
 J-79 (AF)
 J-85 (AF)
 P-100 (AF)
 TF-30 (N)(AF)
 TF-34 (N)(AF)
 TF-39 (N)
 TF-41 (N)(AF)
 T-53 (A)(N)(AF)
 T-55 (A)
 T-56 (N)(AF)
 T-58 (N)(AF)
 T-64 (A)(N)(AF)
 T-700 (A)

CATEGORY IX—MILITARY TRAINING EQUIPMENT

No items in this category are defined in the U.S. Munitions List as significant combat equipment.

CATEGORY X—PROTECTIVE PERSONNEL EQUIPMENT

No items in this category are defined in the U.S. Munitions List as significant combat equipment.

CATEGORY XI—MILITARY AND SPACE ELECTRONICS

Air Weapons Control System, 412L (AF)
 AN/TTC-39 (A)
 Backup Interceptor Control, 416M (AF)
 BEACON, AN/TRN-26 (AF)
 Combat Operations Center, 425L (AF)
 Combat Operations Center, 427L (AF)
 DOD AIMS, 499L (N)
 ECM, ALQ-94 (N)(AF)
 ECM, ALQ-119 (AF)
 ECM, AN/SLQ-32(v)1, (v)2 (N)
 Radar, AM-389FPS (AF)

Radar, AN/MPS-11 (AF)
 Radar, AN/TPS-43 (AF)
 Radio, AN/ARA-54 (N)
 Radio, AN/VRC-12 (A)
 Single Channel Ground and Airborne System (SINGARS)
 TACAN, AN/TRN-26 (AF)
 Tactical Air Control System, 417L (AF)
 Tactical Air Control System, 485L (AF)

CATEGORY XII—FIRE CONTROL, RANGE FINDER, OPTICAL AND GUIDANCE AND CONTROL EQUIPMENT

Computer, Fire Control MK1A (N)
 Close In Weapon System (CIWS), PHALANX (N)
 Director, Fire Control, MK 51-2 (N)
 Goggles, Night Vision, AN/PVS-5 (A)
 Gunsight, MK-14 (N)
 Gunsight, MK-15 (N)
 Joint Tactical Information Distribution System (JTIDS) (AF)
 Over-the-Horizon Backscatter Radar (AF)
 Radar, AN/TPQ-36 (A)
 Radar, AN/TPQ-37 (A)
 Radar, AN/PG-63 (AF)
 Radar, Fire Control, MK-25 (N)
 System, Fire Control, MK-68 (N)
 System, Fire Control, MK-86 (N)
 System, Fire Control, MK-105 (N)
 System, Missile Fire Control, MK-76 (N)
 System, Fire Direction, AN/GSS-10(V) (A)
 System, Gun Fire Control, MK-56 & 63 (N)
 Tactical Communications Control Facility (TRI-TAC) (AF)
 Tactical Operations System (TOS) (A)
 Target Designator AN/AVQ-26 (AF)
 TSEC/KY 57 (A)

CATEGORY XIII—AUXILIARY MILITARY EQUIPMENT

No items in this category are defined in the U.S. Munitions List as significant combat equipment.