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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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**FIELD AND DEPOT MAINTENANCE  
REPAIR PARTS AND SPECIAL  
TOOL LISTS  
FOR  
AMMUNITION:  
GUIDED MISSILE, AIR DEFENSE, M1  
(NIKE-AJAX AIR DEFENSE GUIDED  
MISSILE SYSTEM)**



**HEADQUARTERS, DEPARTMENT OF THE ARMY  
FEBRUARY 1963**

TECHNICAL MANUAL

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WASHINGTON 25, D. C., 19 February 1963

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GUIDED MISSILE, AIR DEFENSE, M1  
(NIKE-AJAX AIR DEFENSE GUIDED MISSILE SYSTEM)**

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**SECTION I.  
PREFACE**

**1. General**

a. This manual is a list of items authorized for field and depot maintenance.

b. Section II is a list of repair parts, and tools and equipment authorized the applicable maintenance and supply echelons. The quantities shown are to be used as a guide by the maintenance organizations in stocking such repair parts or tools and equipment.

c. For 3rd echelon, this list contains all items authorized for initial stockage for maintenance and supply support.

d. For 4th echelon, this list contains all items authorized for initial stockage for maintenance only.

e. For 5th echelon, this list serves as a guide for recommended repair parts for maintenance or rebuild of 100 major components and/or end items.

f. For prices of the Ordnance items listed herein, see the appropriate supply manual of the SM 9-2 series. Prices of items that are the responsibility of technical services other than Ordnance may be obtained from the appropriate type 2 supply manuals for those services.

\*This manual supersedes TM 9-1410-202-35P, 11 April 1962.

g. Additional applications of items in this manual are listed in the supply manuals of the SM 9-3 series.

**2. Requisition Notes**

a. Requisitions for replacement of items which are the responsibility of technical services other than the Ordnance Corps will be submitted to that technical service indicated in the source, maintenance, and recoverability code column.

b. When requisitioning an item, the requesting agency will order the listed item. Supplying agencies will take necessary action to issue the exhaust stock item until stock is exhausted, whether it be an individual item, kit, set, or assembly.

c. If the exact item requisitioned is not furnished, or if other action is necessary, the nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

**3. Explanation of Columns**

a. *Source, Maintenance, and Recoverability Code.* This column lists a code that indicates the selection status and source of supply of the repair part, the lowest echelon capable of installing, assembling, manufacturing, or testing the repair part, and the recoverability aspect of the repair part. Capabilities of higher maintenance echelons are considered equal or better. The Source column will show the higher echelon at which assembly, manufacture, or test is to be performed for parts which require assembly, manufacture, or test at an echelon higher than that authorized to install the part. Assembled or manufactured parts will be checked for performance prior to issue. Repair parts assigned source codes other than A and M will be tested at the higher echelon shown prior to issue to installing echelon. An example of this code is P1FO-R. The "P1" indicates the selection status; the "F" indicates test at Field maintenance (3rd echelon); the "O" indicates the echelon authorized to install the repair part, and the "-R" indicates the recoverability aspects

of the repair part. Source, Maintenance, and Recoverability Codes are prefixed with the assigned technical service number. All Ordnance items are further identified with the responsible stock manager. The "9" indicates the technical service which is responsible; the "6" indicates the Ordnance National Inventory Control Point which is responsible. When the supply responsibility for repair parts, tools and equipment, and materiel has been assigned to a technical service other than Ordnance, the supplying technical service basic number will precede the source code, for example, "11" for a Signal Corps item.

*Note.* All items not marked by the symbols N- or NR in the Source, Maintenance, and Recoverability code column are expendable as defined in AR 735-4. Regulations for property accountability and responsibility for nonexpendable items are contained in AR 735-5.

b. *Federal Stock Number.* This column lists the Federal stock number which has been assigned by the Defense Logistics Services Center.

c. *Description.* This column lists the Federal item name and any additional description required for supply operations. The technical service part number, if any, or manufacturer's part number, is also included as a reference number.

d. *Unit of Issue.* This column lists the minimum quantity (unit pack quantity) that will be requisitioned singly, or in multiples thereof, by the lowest echelon authorized to requisition directly on the depot. The item may be issued to the using unit as required or, if more practical or economical, quantity approved for issue may be adjusted to the nearest unit pack quantity. Where the unit of issue is shown as ft, gl, etc., such as for bulk materials, the requisition must indicate the exact amount that is required.

e. *Quantity Incorporated in Unit.* This column lists the quantity of each listed part incorporated in the end item (end article).

f. *Field Maintenance Level.*

(1) 3rd Echelon. The quantities shown in this subcolumn are the estimated quantities to be stocked based on TOE major items supported at direct support. All combat essential repair parts

are designated by inclosing the stockage quantity in parentheses.

- (2) 4th Echelon. The quantities shown in this subcolumn are the estimated quantities to be stocked, based on TOE major items supported at heavy support.
- (3) The determination of parts required for field maintenance authorization for stockage or issue on direct replacement and quantities thereof is based on density of items to be maintained, parts consumed, and period of time during which parts were consumed. The time period will normally be 15 days and will in all cases be based on combat conditions.
- (4) Additional repair parts which may be required to perform authorized field maintenance, but are not authorized for initial stockage, are listed without a guide quantity shown. These items are identified by an \* (asterisk), and are to be requisitioned as required for immediate use only. Upon establishment of supply records, recorded demand experience will be used to compute stockage objectives for authorized repair parts (AR 711-16).
- (5) The + (plus) indicates the item is authorized for requisitioning for stockage and usage as required.

g. *Depot Maintenance Guide—100 Equipments 5th Echelon.*

- (1) This column lists the estimated quantities required to rebuild 100 major items.
- (2) The factors considered for determination of parts required for depot maintenance are number of end items or major assemblies rebuilt and parts consumed.
- (3) Additional repair parts which may be required for performing authorized depot maintenance are listed with no recommended quantities shown. These items are identified by an \* (asterisk) in the allowance column, and are to be requisitioned when required.

(4) The + (plus) indicates the item is authorized for requisitioning for stockage and usage as required.

h. *Illustrations.*

- (1) This column indicates the figure and item number of the illustration that depicts the item. When more than one items appears on an illustration, the item number is also shown. When an item appears on more than one illustration, the additional figure and item numbers will be listed in the stock number index.
- (2) In case of discrepancies between information shown on these illustrations and the information found in the list of repair parts, the information in the list of repair parts will prevail.
- (3) Items that appear on the illustrations and in the legends of the illustrations but which are not listed in the repair parts listing are nonrepair parts and are not authorized.

**4. Combat Essential Item Explanation**

a. *Combat Essential End Item.* An equipment item which is required by tactical units to accomplish the mission of closing with and/or destroying the enemy force.

b. *Combat Essential Repair Parts.* A functional repair part which is essential for the maintenance of a combat essential end item or system in a state of combat readiness. Normally a combat essential repair part is expected to have a higher mortality rate under combat conditions and therefore, must be stocked at designated echelons in a minimum quantity of at least one regardless of demand experience.

**5. Abbreviations and Symbols**

The abbreviations and symbols listed below are those authorized which normally appear in a manual.

a. *Abbreviations.*

ABEC	Annular Bearing Engineering Committee
AC	alternating current
ACQ	acquisition
ADJ	adjust (able) (ing)
ADPT	adapter
AFC	automatic frequency control

AL .....aluminum  
 AL-ALLOY .....aluminum alloy  
 AL-BZ .....aluminum bronze  
 ALLOY-S .....alloy steel  
 AMMO .....ammunition  
 AMP .....ampere(s)  
 ANLD .....annealed  
 ANODIC-FIN. ....anodic finish  
 ANPT .....Aeronautical National  
           Taper Pipe Thread  
 APPROX .....approximate(ly)  
 AR .....army regulations  
 ASB .....asbestos  
 ASSY .....assembly(ies)  
 AUTH .....authority, authorities,  
           or authorized  
 AWG .....American Wire Gage  
 AZ .....azimuth  
 BAY. ....bayonet (lamp base)  
 B-HD .....button head  
 BDG-HD .....binding head  
 BLK .....Color Coding (electric  
           cable identification)  
           black  
 BLU .....Color Coding (electric  
           cable identification),  
           blue  
 BLUNT-PT .....blunt point  
 BR .....brass  
 BRG .....bearing  
 BRGT .....bright  
 BRN .....Color Coding (electric  
           cable identification)  
           brown  
 BZ .....bronze  
 C .....centigrade  
 C .....cycle(s)  
 CAND .....candelabra  
 CAND-BAY-BASE .....candelabra bayonet base  
 CAP. ....capacity  
 CARB .....carbon  
 CARB-S .....carbon steel  
 CCW .....counterclockwise  
 CD .....cadmium  
 CD- OR ZN-PLTD .....cadmium- or zinc-plated  
 CD-PLTD .....cadmium-plated  
 CFM .....cubic feet per minute  
 CHAM .....chamfer(ed)  
 CK .....countersunk  
 CK-HD .....countersunk head  
 C/L .....center line  
 CNTR .....container  
 C/O .....consists of  
 COAX .....coaxial  
 COLD-FIN-S .....cold-finished steel  
 CONE-PT .....cone point  
 COND .....conductor(s)  
 COP. ....copper  
 COP-PLTD .....copper plated

CORR-RES-S .....corrosion-resistant steel  
 CP .....concrete piercing  
 CPS .....cycles per second  
 CROSS-RECESS-RD-HD .....cross recess round head  
 CROSS-RECESS-TR-HD .....cross recess truss head  
 CR-PLTD .....chromium plated  
 CTD .....coated  
 CTG .....cartridge  
 C TO C .....center to center  
 CUP-PT .....cup point  
 CUR. ....current  
 CW .....clockwise, continuous  
           wave  
 CYL .....cylinder(s), cylindrical  
 DA .....Department of the Army  
 DBLE .....double  
 DBLE-CONTACT .....double contact  
 DC .....direct current  
 DEG .....degree(s)  
 DIA .....diameter  
 DIM. ....dimension(s) (al)  
 DIV .....division  
 DLD .....drilled  
 DLD-F/C-PIN .....drilled for cotter pin  
 DL-F/LKG-WIRE .....drilled for locking wire  
 DOG-PT .....dog point  
 DP .....double-pole  
 DPDT .....double-pole,  
           double-throw  
 DPST .....double-pole,  
           single-throw  
 DR .....double-row.  
 DT .....double-throw  
 EA .....each  
 ELEC .....electric (al)  
 ENMLD .....enameled  
 ENV .....envelope  
 ETC. ....et cetera (and so forth)  
 EXCL .....exclude(s) (sive)  
           (ing)  
 EXTER .....external  
 EXT-TEETH .....external teeth (lock  
           washer)  
 F .....Fahrenheit  
 FASTNR .....fastener  
 FBR .....fiber  
 FC .....firing console  
 FED SPEC .....Federal Specification  
 FIG., FIGS. ....figure, figures  
 FIL .....filament(s)  
 FIL-HD .....fillister head  
 FIN. ....finish(ing)  
 FL .....flat  
 FL-CK-HD .....flat countersunk head  
 FL-FIL-HD .....flat fillister head  
 FL-HD .....flat head  
 FL-PT .....flat point  
 FLEX. ....flexible  
 FLGD .....flanged

FREQ .....frequency  
 FSN .....Federal Stock Number  
 FT .....foot (feet)  
 G .....Color Coding (electric  
           cable identification)  
           gold  
 GA .....gage  
 GL OR GAL .....gallon(s)  
 GLVD .....galvanized  
 GM .....gram(s)  
 GND .....ground  
 GR .....grain(s), grade  
 GRAD .....graduate, graduated, or  
           graduation  
 GRN .....Color Coding (electric  
           cable identification)  
           green  
 GY .....Color Coding (electric  
           cable identification)  
           grey  
 H .....height, high  
 HD .....head  
 HDL .....handle(d)  
 HDLS .....headless  
 HEX .....hexagon (al)  
 HEX-HD .....hexagon head  
 HEX-SOCKET .....hexagon socket  
 HEX-SOCKET-HD .....hexagon socket head  
 HP .....horsepower  
 HR .....hour(s)  
 HV .....heavy  
 HY .....henry(ies)  
 HYD .....hydraulic  
 I .....iron  
 ID .....inside diameter (s)  
           (dimension)  
 IF .....intermediate frequency  
 IFF .....identification friend  
           or foe  
 IN. ....inch(es)  
 INCAND .....incandescent  
 INCL .....include (s) (ed) (sive)  
           (ing)  
 INCL .....inclosure  
 IND .....inductance, induction  
 INS .....insulated, insulating,  
           insulator  
 INT .....internal  
 INT-TEETH .....internal teeth (lock  
           washer)  
 JAN .....Joint Army-Navy  
 JT .....joint  
 KC .....kilocycle(s)  
 KNURLED-HD .....knurled head  
 KV .....kilovolt(s)  
 KW .....kilowatt(s)  
 LACQD .....lacquered  
 LB .....pound(s)  
 LG .....long (length)

LH .....left hand  
 LIN .....linear  
 LKG .....locking  
 LT .....light (weight)  
 LUBR .....lubricator, lubricating, or  
           lubrication  
 MA .....milliamper(e)s  
 MACH .....machine  
 MAX .....maximum  
 MC .....megacycle(s)  
 MED .....medium  
 MEG .....megohm(s)  
 MH .....millihenry(ies)  
 MI .....malleable iron  
 MIN .....miniature  
 MIN .....minimum  
 MIN-BAY-BASE .....miniature bayonet base  
 MM .....millimeter(s)  
 MTD .....mounted  
 MTG .....mounting(s)  
 MTI .....moving target indicator  
 MTL .....metal  
 MWO .....modification work order  
 NC .....American National Coarse  
           Thread  
 NEF .....American National Extra  
           Fine Thread  
 NF .....American National Fine  
           Thread  
 NI .....nickel  
 NI-PLTD .....nickel plated  
 NI-SIL .....nickel silver  
 NO. ....number(s) (for tabular  
           listings)  
 NOM .....nominal  
 NPT .....American Standard Taper  
           Pipe Threads  
 NPTF .....American Standard Taper  
           Pipe Threads (Dryseal)  
 NS .....American National Special  
           Thread  
 OD .....outside diameter  
           (dimension)  
 OPNG .....opening  
 ORD .....Ordnance (publication  
           titles)  
 ORN .....Color Coding (electric  
           cable identification)  
           orange  
 OVAL-HD .....oval head  
 OZ .....ounce(s)  
 PAN-HD .....pan head  
 PAPR .....paper  
 PASS-FIN. ....passivated-finish  
 P-BZ .....phosphor bronze  
 PH .....phase  
 PHOS-CTD .....phosphate coated  
 PL .....plate

PLTD -----plated  
 POS -----positive  
 PPI -----plan position indicator  
 PPS -----pulses per second  
 PR -----Color Coding (electric cable identification) purple  
 PRF -----pulse repetition frequency  
 PRI -----primary  
 PSI -----pounds per square inch  
 PT -----point  
 RAD -----radial, radius  
 RD -----round  
 RD-END -----round end  
 RD-HD -----round head  
 RECEPT -----receptacle  
 RECT -----rectangular  
 REF -----reference(s)  
 RF -----radio frequency  
 RH -----right hand  
 RMS -----root mean square  
 RPM -----revolutions per minute  
 RU -----rubber  
 S -----steel  
 SB -----supply bulletin  
 SEC -----second(s) (time interval)  
 SEC -----section  
 SECS -----sections  
 SER -----serial  
 SGLE -----single  
 SGLE-COND -----single conductor  
 SGLE-CONTACT -----single contact  
 SGLE-PH -----single phase  
 SGLE-TUN-FIL -----single tungsten filament  
 SH -----sheet  
 SHK -----shank  
 SIL -----Color Coding (electric cable identification) silver  
 SIL-PLTD -----silver plated  
 SLTD -----slotted  
 SM -----supply manual  
 SM -----smooth  
 SNL -----standard nomenclature list  
 SOCKET-HD -----socket head  
 SP -----single-pole  
 SP -----special  
 SPDT -----single-pole, double-throw  
 SPG -----spring  
 SPG-S -----spring steel  
 SPST -----single-pole, single-throw  
 SQ -----square  
 SQ-END -----square end  
 SQ-HD -----square head  
 SR -----single-row  
 ST -----single-throw  
 STABIL -----stabilotron  
 STALO -----stabilized local oscillator  
 STC -----sensitivity time control

STD -----standard(s)  
 STGHT -----straight  
 STK -----stock  
 STLS-S -----stainless steel  
 SUBQ -----subsequent  
 SYN -----synthetic  
 SYN-RU -----synthetic rubber  
 SYNC -----synchronize  
 TA -----Tables of Allowances  
 TEMP -----temperature  
 TERM. -----terminal  
 THD -----thread(ed) (s)  
 THK -----thick(ness)  
 TM -----technical manual  
 TND -----tinned  
 TND-COP. -----tinned copper  
 TN-PLTD -----tin plated  
 TOE -----Tables of Organization and Equipment  
 TOL -----tolerance  
 TR -----tracer(s)  
 TR -----transmit-receive  
 TU -----tube  
 TUBR -----tubular  
 TUN-FIL -----tungsten filament  
 UF -----microfarad(s)  
 UH -----microhenry(ies)  
 UNC -----Unified Coarse Thread  
 UNEF -----Unified Extra Fine Thread  
 UNF -----Unified Fine Thread  
 UNIV -----universal  
 UNIV-JT -----universal joint  
 U/O -----used on  
 USEC -----microsecond(s)  
 UUF -----micromicrofarad(s)  
 U/W -----used with  
 V -----volt(s)  
 VHF -----very high frequency  
 VIO -----Color Coding (electric cable identification) violet  
 VUL -----vulcanize(d)  
 W -----watt(s)  
 W -----wide, width  
 W/ -----with  
 W/E -----with equipment  
 WH -----watt-hour (s)  
 WHT -----Color Coding (electric cable identification) white  
 W/O -----without  
 WT -----weight  
 WTRPRF -----waterproofed  
 X -----by (as in 2 x 4)  
 XTAL -----crystal  
 YEL -----Color Coding (electric cable identification) yellow

ZN -----zinc  
 ZN-CTD -----zinc-coated  
 ZN-PLTD -----zinc-plated

*b. Symbols.*

& (ampersand) -----Meaning and.  
 \* (asterisk) -----Item not stocked. To be requisitioned as required.  
 - (dash) -----Item not authorized.  
 o/o (percent) -----Identifier percent of capacitance and resistance tolerances.  
 + (plus) -----Item authorized for requisition for stockage and usage as required.  
 +- or ± (plus or minus) -----Identifies more or less of percent of tolerance.

**6. Explanation of Codes**

The list below identifies the supplying Technical Service code, the Ordnance National Inventory Control Point code, and the Source, Maintenance, and Recoverability code, when used:

*a. Code Technical Service.*

- 3- Chemical Corps
- 5- Corps of Engineers
- 8- Medical Corps
- 9- Ordnance Corps
- 10 Quartermaster Corps
- 11 Signal Corps
- 12 Adjutant General
- 55 Transportation Corps

*b. Code Ordnance National Inventory Control Point.*

- 1 Ordnance Weapons Command
- 2 Ordnance Tank-Automotive Command
- 3 Frankford Arsenal
- 4 Raritan Arsenal
- 5 Rossford Ordnance Depot
- 6 U.S. Army Missile Command (general supply materiel)
- 7 Major Item Supply Management Agency
- 8 Ordnance Ammunition Command
- 9 U.S. Army Missile Command (ammo)

*c. Code Source, Maintenance, and Recoverability Code Explanation.*

- P- Applied to items which are high mortality and authorized for use at indicated maintenance echelons.
- P1 Applied to items which are low mortality and authorized for use at indicated maintenance echelons.
- M- Applied to items which are not procured or stocked but are to be manufactured

- A- Applied to assemblies which are not procured or stocked as such but are made up of two or more units, each of which carry individual stock numbers and descriptions and are procured and stocked and can be assembled by units at indicated maintenance echelons.
- X- Applied to items which are not procured or stocked, the mortality of which is normally below that of the applicable end item, and the failure of which should result in retirement of the end item from service.
- X1 Applied to items which are not procured or stocked, the requirement for which will be supplied by use of next higher component or assembly.
- X2 Applied to items which are not stocked. The indicated maintenance echelon requiring such items will attempt to obtain from salvage. If not obtainable from salvage, such items will be requisitioned with supporting justification through normal supply channels.
- C- Applied to items authorized for local procurement. If not obtainable from local procurement, such items will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement.
- Z- Applied to obsolete items no longer stocked or procured.
- A-D Applied to assemblies as defined under Source code A but which must be assembled at a higher echelon than that authorized for installation.
- A-F Applied to repair parts as defined under Source code M but which must be manufactured at a higher echelon than that authorized for installation.
- M-F Applied to repair parts as defined under Source code M but which must be manufactured at a higher echelon than that authorized for installation.
- P-F Applied to repair parts as defined under Source codes P- and P1 but which must be tested at a higher echelon than that authorized for installation.
- P1F Applied to items that are nonexpedable.
- N- Applied to items that are nonexpedable.
- R Applied to items which are believed to be economically recoverable, (can be repaired or reclaimed) and when available, will be furnished by supply on an exchange basis. Repair and replacement of such items will be performed by designated activities in direct support of the using organization.

- NR Applied to items that are nonexpendable and economically repairable and when available, are furnished by supply on an exchange basis.
- T Applied to high dollar recoverable repair parts and/or assemblies which are subject to special handling and are issued on an exchange basis. Such repair parts and assemblies are normally repaired or overhauled at depot maintenance activities.
- U Applied to repair parts and/or assemblies specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value, reusable casings or castings, etc. These repair parts and assemblies are issued on an exchange basis.
- O Applied to items authorized to organizational maintenance, first (1st) and/or second (2nd) echelons.
- F Applied to items authorized to field maintenance, third (3rd) echelon.
- H Applied to items authorized to field maintenance but restricted to fourth (4th) echelon.
- D Applied to items authorized to depot maintenance, fifth (5th) echelon only.

**7. Special Information**

a. The list below explains the used on (U/O) numbers appearing in parentheses in the description column. This number indicates the next assembly in which the item is located.

Next Assembly No.	Description
8021975	Fin, rocket motor, M12
8025074	Rocket motor, M5
8026275	Packing for container
8030041	Nozzle closure
8051738	Shipping and storage container, missile
8796002	Booster assembly
8796056	Initiator assembly, for M3 Warhead
8796057	Initiator assembly, for M4 Warhead

b. The items shown in the next assembly listing above are not authorized for requisitioning purposes unless shown in the repair parts tabular listing with a Federal stock number.

c. Under the description of each repair part, the reference numbers following the abbreviation "U/O" are the actual next assemblies wherein the item is used.

**8. Comments, Criticisms, and Corrections**

Your ideas and comments on this manual are wanted and will be seriously considered. If you see errors or have suggestions to improve the way the information is presented, write directly to Commanding General, U. S. Army Missile Command, ATTN: AMSMI-SMPS, Redstone Arsenal, Alabama. Comments may be in pencil and informal, but use DA Form 2028 if the form is available to you. Replies will be sent directly to the originator of the comments.

(1) SM & R CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF ISSUE	(5) QUANTITY INCORPORATED IN UNIT	(6) 15 DAY MAINTENANCE ALLOWANCE		(7) 5th ECHELON DEPOT MAINT. GUIDE PER 100 EQUIP.	(8) ILLUSTRATION	
					(A) 3rd ECHELON (DIRECT SUPPORT)	(B) 4th ECHELON (GENERAL SUPPORT)		(A) FIGURE NUMBER	(B) ITEM NUMBER
		COMPLETE ROUND							
		GUIDED MISSILE, AIR DEFENSE, M1 (-)	-	-				1	-
		COMPONENTS OF COMPLETE ROUND							
		ANTENNA, FREQUENCY BAND PASS, GS-19745 SERIES (-)	-	-				-	-
		BATTERY, STORAGE, BB401/U (-)	-	-				2	-
		BODY, GUIDED MISSILE, M2 SERIES, AND SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M326 (-)	-	-				10	-
		CONTROL SURFACES KIT, GUIDED MISSILE (-)	-	-				-	-
		DELAY LINES (-)	-	-				3	1,2
		EXPLOSIVE HARNESS ASSEMBLY, GUIDED MISSILE, M45 (-)	-	-				-	-
		FIN, ROCKET MOTOR, GUIDED MISSILE, M12 (-)	-	-				-	-
		NITRIC ACID, GUIDED MISSILE (-)	-	-				7	-
		PROPELLANT MIXTURE, GUIDED MISSILE, M3 (-)	-	-				8	-
		ROCKET MOTOR, GUIDED MISSILE, M5, W/IGNITER, ROCKET MOTOR, AND THRUST STRUCTURE, GUIDED MISSILE, M2 (-)	-	-				11	-
		SAFETY AND ARMING DEVICE, GUIDED MISSILE, M30A1 (-)	-	-				5	-
		STARTING MIXTURE, GUIDED MISSILE, UDMH (-)	-	-				9	-
		WARHEAD, GUIDED MISSILE, M2 (-)	-	-				6	1
		WARHEAD, GUIDED MISSILE, M3 (-)	-	-				6	5
		WARHEAD, GUIDED MISSILE, M4 (-)	-	-				6	2
		REPLACEMENT PARTS FOR							
		GUIDED MISSILE, AIR DEFENSE, M1 (-)	-	-				-	-
		ITEMS LISTED BELOW ARE REPLACEMENT ITEMS SUPPLIED ON A DIRECT EXCHANGE BASIS							
99P--0--	1420-609-3002	ANTENNA, FREQUENCY BAND PASS GS19745-L1 (9006437)	1	1				-	-

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					(A) 3rd ECHELON (DIRECT SUPPORT)	(B) 4th ECHELON (GENERAL SUPPORT)		(A) FIGURE NUMBER	(B) ITEM NUMBER
99P--0--	1420-609-3003	ANTENNA, FREQUENCY BAND PASS GS19745-L2 (9006438)	1	1	*	*	*	-	-
99P--0--	1420-609-3004	ANTENNA, FREQUENCY BAND PASS GS19745-L3 (9006439)	1	1	*	*	*	-	-
99P--0--	1420-609-3005	ANTENNA, FREQUENCY BAND PASS GS19745-L4 (9006440)	1	1	*	*	*	-	-
99P--0--	1420-609-3006	ANTENNA, FREQUENCY BAND PASS GS19745-L5 (9006441)	1	1	*	*	*	-	-
11P--0--	6140-643-4826	BATTERY, STORAGE BB401/U (MIL-S-11453)	1	1	*	*	*	2	-
99P--0--	1420-699-1232	BODY, GUIDED MISSILE XM2, W/GUIDANCE SECTION AN/DPW-7 (GS-15660) (8530389) (MISSILE SER NOS. 1001-2497.)	1	1	*	*	*	-	-
99P--0--	1420-032-2432	BODY, GUIDED MISSILE XM2, W/GUIDANCE SECTION AN/DPW-10 (GS-17120) (8530392) (MISSILE SER NO. 2498-4192.)	1	1	*	*	*	-	-
99P--0--	1420-647-4955	BODY, GUIDED MISSILE M2 (XM2E1) W/GUIDANCE SECTION AN/DPW-11 (GS-16725) (8530393) (MISSILE SER NO. 4193-4400.)	1	1	*	*	*	-	-
99P--0--	1420-574-0129	BODY, GUIDED MISSILE M2 (XM2E1) W/GUIDANCE SECTION AN/DPW-11 (GS-16725) (8530388) (MISSILE SER NO. 4401 AND SUBSEQUENT.)	1	1	*	*	*	-	-
99P--0-R	1420-032-2448	DELAY LINE GS-15666-L1 (8006557) (USE W/GUIDANCE SECTIONS AN/DPW-7 (GS-15660) AND AN/DPW-10 (GS-17120).)	1	1	*	*	*	3	1
99P--0-R	1420-032-2469	DELAY LINE GS-15666-L2 (8006268) (USE W/GUIDANCE SECTIONS AN/DPW-7 (GS-15660) AND AN/DPW-10 (GS-17120).)	1	1	*	*	*	3	1
99P--0-R	1420-032-2449	DELAY LINE GS-15666-L3 (8006558) (USE W/GUIDANCE SECTIONS AN/DPW-7 (GS-15660) AND AN/DPW-10 (GS-17120).)	1	1	*	*	*	3	1
99P--0-R	1420-032-2450	DELAY LINE GS-15666-L4 (8006559) (USE W/GUIDANCE SECTIONS AN/DPW-7 (GS-15660) AND AN/DPW-10 (GS-17120).)	1	1	*	*	*	3	1
99P--0-R	1420-032-2451	DELAY LINE GS-15666-L5 (8006560) (USE W/GUIDANCE SECTIONS AN/DPW-7 (GS-15660) AND AN/DPW-10 (GS-17120).)	1	1	*	*	*	3	1

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					(A) 3rd ECHELON (DIRECT SUPPORT)	(B) 4th ECHELON (GENERAL SUPPORT)		(A) FIGURE NUMBER	(B) ITEM NUMBER
99P--0-R	1420-032-2452	DELAY LINE GS-15666-L6 (8006561) (USE W/GUIDANCE SECTIONS AN/DPW-7 (GS-15660) AND AN/DPW-10 (GS-17120).)	1	1	*	*	*	3	1
99P--0-R	1420-032-2482	DELAY LINE GS-17194-L1 (8023275) (USE W/GUIDANCE SECTION AN/DPW-11 (GS-16725) ONLY.)	1	1	*	*	*	3	2
99P--0-R	1420-032-2489	DELAY LINE GS-17194-L2 (8024848) (USE W/GUIDANCE SECTION AN/DPW-11 (GS-16725) ONLY.)	1	1	*	*	*	3	2
99P--0-R	1420-032-2483	DELAY LINE GS-17194-L3 (8024849) (USE W/GUIDANCE SECTION AN/DPW-11 (GS-16725) ONLY.)	1	1	*	*	*	3	2
99P--0-R	1420-032-2484	DELAY LINE GS-17194-L4 (8024850) (USE W/GUIDANCE SECTION AN/DPW-11 (GS-16725) ONLY.)	1	1	*	*	*	3	2
99P--0-R	1420-032-2485	DELAY LINE GS-17194-L5 (8024851) (USE W/GUIDANCE SECTION AN/DPW-11 (GS-16725) ONLY.)	1	1	*	*	*	3	2
99P--0-R	1420-032-2486	DELAY LINE GS-17194-L6 (8024852) (USE W/GUIDANCE SECTION AN/DPW-11 (GS-16725) ONLY.)	1	1	*	*	*	3	2
99P--0--	1336-535-6464	EXPLOSIVE HARNESS ASSEMBLY, GUIDED MISSILE M45 (8796544)	1	1	1	*	*	-	-
99P1-0--	1336-338-6297	FIN, ROCKET MOTOR, GUIDED MISSILE M12 (8166888)	1	3	*	*	*	11	15
99P--0--	1336-575-3457	SAFETY AND ARMING DEVICE, GUIDED MISSILE, M30A1 (7542841)	1	1	*	*	*	5	1
		REPAIR PARTS FOR MAJOR ITEMS							
		ANTENNA, FREQUENCY BAND PASS, GS-19745 SERIES (-)	-	-				-	-
		NONE AUTHORIZED							
		BATTERY, STORAGE, BB401/U (-)	-	-				-	-
		NONE AUTHORIZED							
		BODY, GUIDED MISSILE, M2 (-)	-	-				-	-
		(REPAIR PARTS FOR THIS ITEM WILL BE FOUND IN ORD 8, SNL Y2)						-	-

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					(A)	(B)		(A)	(B)
					3rd ECHOLON (DIRECT SUPPORT)	4th ECHOLON (GENERAL SUPPORT)		FIGURE NUMBER	ITEM NUMBER
		SHIPPING AND STORAGE CONTAINER, GUIDED MISSILE, M326 (-)	-	-					
96P--D--	5340-543-3517	BUSHING (8051738G) (U/O 8051738.)	1	16	-	-	160	-	-
96P1-O-R	8140-091-8791	COVER ASSEMBLY, GANG RECEPTACLE (8050205)	1	2	*	*	10	-	-
96M--D--	8140-098-8421	COVER, LOGBOOK RECEPTACLE (8051746) (U/O 8051738.)	1	1	-	-	*	-	-
96P--D--	5330-098-8303	GASKET, CLOSURE (8051714)	1	2	-	-	20	-	-
11P--D--	6685-580-5334	INDICATOR, HUMIDITY, CARD 3-1/4 X 3-1/4, W/ONE 2 IN. SPOT (8034442) (U/O 8026275.)	50	2	-	-	200	-	-
5-P--F--	5340-526-9663	SEAL LEAD, 3/8 DIA SEAL W/2 HOLES AND NO. 20 AWG WIRE, 0.05 DIA, 6 LG (-) (U/O 8026275.)	1	6	50	*	600	-	-
96P1-F-R	2540-098-8458	SHOCK ABSORBER, DIRECT (8051738E) (U/O 8051738.)	1	4	2	*	12	-	-
96P1-D--	8140-332-3784	SHOCK MOUNT (8051738H) (U/O 8051738A.)	1	8	-	-	40	-	-
96P--D--	8140-098-8563	WINDOW, OBSERVATION (8137961) (U/O 8051737.)	1	2	-	-	30	-	-
		CONTROL SURFACES KIT, GUIDED MISSILE (-)	-	-	-	-	-	-	-
		REPAIR PARTS FOR THIS ITEM WILL BE FOUND IN ORD 8, SNL Y2 UNDER HEADING BODY, GUIDED MISSILE, M2	-	-	-	-	-	-	-
		DELAY LINES (-)	-	-	-	-	-	-	-
		NONE AUTHORIZED	-	-	-	-	-	-	-
		EXPLOSIVE HARNESS ASSEMBLY, GUIDED MISSILE, M45 (-)	-	-	-	-	-	-	-
		NONE AUTHORIZED	-	-	-	-	-	-	-
		FIN, ROCKET MOTOR, GUIDED MISSILE, M12 (-)	-	-	-	-	-	-	-
96P--O--	5306-333-0531	BOLT, MACHINE HEX-HD, S, CD-PLTD FIN., 1/2-20UNF-3A X 4 (8026433)	1	3	(3)	1	36	15	5
96P--D--	1420-817-2456	DISK, SOLID, PLAIN AL, 1.125 OD, 0.064 THK (8014960) (U/O 8021975.)	5	1	-	-	100	-	-
96P1-F--	5305-616-3654	SCREW, TAPPING, THREAD CUTTING S, CD-PLTD FIN., NO. 8 X 5/16 (8160809)	1	112	*	*	1000	-	-

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					(A)	(B)		(A)	(B)
					3rd ECHOLON (DIRECT SUPPORT)	4th ECHOLON (GENERAL SUPPORT)		FIGURE NUMBER	ITEM NUMBER
96P1-F--	1336-333-0556	STUD, BOOSTER FIN S, 5/8-18UNF-3A THD, 1-21/32 LG (8026431)	1	3	(3)	*	36	11	9
		NITRIC ACID, GUIDED MISSILE (-)	-	-	-	-	-	-	-
96P--D--	8140-701-1759	BUNG ASSEMBLY (8025338A) (U/O 8025338.)	1	1	-	-	10	-	-
96P1-O--	8110-807-7856	CAP, BUNG AL, 2-9/32 DIA, 1-1/16 THK (8034421)	1	1	*	*	2	7	1
96P1-O--	5330-091-8768	GASKET, DRUM PLASTIC, FOR 21.2 GAL DR (8034425)	1	1	*	-	2	7	2
		PROPELLANT MIXTURE, GUIDED MISSILE, M3 (-)	-	-	-	-	-	-	-
		NONE AUTHORIZED	-	-	-	-	-	-	-
		ROCKET MOTOR, GUIDED MISSILE, M5, W/IGNITER, ROCKET MOTOR, AND THRUST STRUCTURE, GUIDED MISSILE, M2 (-)	-	-	-	-	-	-	-
5-P--O--	8040-575-5272	ADHESIVE FLASHOUT, COLD SETTING, WATER CURED (8030047) (U/O 8030041.)	1	1	1	1	3	-	-
96P--F--	1336-333-0490	BOLT, ELECTRICAL CONNECTOR NO. 6-32NC-2A, 1-3/8 LG (8025044)	4	2	(2)	1	72	17	4
94P--O--	5306-206-4539	BOLT, MACHINE HEX-HD, ALLOY-S, CD-PLTD FIN., 1/2-20UNF-3A X 1-31/32 (AN-8-17A)	1	3	(3)	2	72	15	6
94P--O--	5306-151-1426	BOLT, MACHINE HEX-HD, S, CD-PLTD FIN., 1/4-28UNF-3A X 25/32 (AN-4-6A)	100	8	4	2	72	14	6
94P--O--	5306-050-1811	BOLT, MACHINE HEX-HD, ALLOY-S, CD- OR ZN-PLTD W/CHROMATE FIN., 5/16-24UNF-3A X 1-11/32 (501811)	50	2	2	2	48	14	4
94P--O--	5306-638-0939	BOLT, MACHINE HEX-HD, ALLOY-S, CD- OR ZN-PLTD W/CHROMATE FIN., 3/8-24UNF-3A X 1-13/64 (583751)	50	4	2	1	20	14	10
94P--O--	5306-151-1284	BOLT, MACHINE HEX-HD, ALLOY-S, CD-PLTD FIN., 5/16-24UNF-3A X 1-19/32 (AN-5-14A)	50	2	2	2	48	14	007
96C--D--	5306-208-3655	BOLT, MACHINE HEX-HD, CORR-RES-S, 7/16-20UNF-3A X 1-27/32 (AN-7-16A)	5	6	3	2	72	11	20
96C--O--	5306-206-4931	BOLT, MACHINE HEX-HD, S, CD-PLTD FIN., 1/4-28UNF-3A X 15/32 (AN-4-3A)	5	4	2	2	60	011	013

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					(A) 3rd ECHELON (DIRECT SUPPORT)	(B) 4th ECHELON (GENERAL SUPPORT)		(A) FIGURE NUMBER	(B) ITEM NUMBER
96P1-0--	1440-722-3554	CABLE ASSEMBLY, POWER ELECTRICAL 2 COND, 14 FT LG INCL TERMINATIONS (9029926) (TO BE USED ONLY WHEN THE AJAX MISSILE IS INSTALLED ON A HERCULES LAUNCHER.)	1	*	1	1	*	-	-
94P1-F--	4730-278-5006	CAP, TUBE AL-ALLOY, ANODIZED FIN., 7/16-20NF-3B (AN-929-4)	10	1	*	*	36	17	17
96P1-0--	1336-535-3237	CLOSURE ASSEMBLY, NOZZLE (8030041)	1	1	1	1	3	12	2
96P1-0--	1420-864-0419	CLOSURE, SHIPPING (8030967) (U/O 8025074.)	1	1	1	1	20	-	-
96P1-F--	1336-333-0501	COVER, TERMINAL, ROCKET MOTOR 5/16 ID, 1/16 WALL THK (8025048)	1	4	(4)	*	8	17	9
96P1-F--	1336-337-0493	CUSHION, WOOD, BOOSTER THRUST (8026426)	1	1	*	-	-	11	5
96P--0--	1336-302-1727	FITTING, BOOSTER FIN MOUNTING (ISSUE UNTIL STK IS EXHAUSTED, THEN ISSUE FITTING, REF NO. 8026422, FSN 1336-338-6275) (8022564)	1	3	3	2	36	-	-
96P--0--	1336-338-6275	FITTING, BOOSTER FIN MOUNTING (8026422) (ISSUE ONLY AFTER STK OF FITTING, REF NO. 8022564, FSN 1336-302-1727 IS EXHAUSTED.)	1	3	(3)	2	36	15	7
96P--F--	5330-333-3782	GASKET 0.156 ID, 0.375 CD, 0.062 THK (8025045)	1	2	(2)	*	48	17	2
96P--0--	1336-337-0483	GASKET, PLUG, CLOSURE 6-1/4 ID, 6-11/16 OD, 1/8 THK (8025103)	1	1	1	*	2	13	2
94P--D--	5325-050-2852	GROMMET, RUBBER 3/16 ID, 5/16 OD, 1/16 W MTG GROOVE (502852)	1	18	-	-	9	15	4
96P1-F--	1336-337-0485	HARNESS ASSEMBLY, EXTERNAL (8025049)	1	1	(1)	*	3	17	5
96P1-F--	1336-337-0487	HARNESS ASSEMBLY, INTERNAL 175 APPROX OVERALL LG, C/O TWO TERM. AT ONE END AND ONE PLUG, SHORTING ASSY AT OTHER END (8030004)	1	1	(1)	1	3	17	12
96P--D-R	1336-337-0494	HEAD, ROCKET MOTOR (8025069)	1	1	-	-	1	17	15
99P--0--	1336-032-2446	IGNITER, ROCKET MOTOR, M24 (ISSUE UNTIL STK IS EXHAUSTED, THEN ISSUE IGNITER, REF NO. 8030933, FSN 1336-737-0462) (8025381) (U/O 8025075 AND 8525883.)	1	1	1	*	10	011	017
99P1-0-R	1336-737-0462	IGNITER, ROCKET MOTOR, M65 (8030933) (ISSUE ONLY AFTER STK OF IGNITER, REF NO. 8025381, FSN 1336-032-2446 IS EXHAUSTED.)	1	1	*	*	6	-	-
96P--F--	1336-332-3793	INSULATOR, BUSHING (8025047)	10	2	(2)	*	4	17	3

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					(A) 3rd ECHELON (DIRECT SUPPORT)	(B) 4th ECHELON (GENERAL SUPPORT)		(A) FIGURE NUMBER	(B) ITEM NUMBER
96P--0--	1336-337-0496	LUG, AFT LAUNCHING (8026421)	1	2	2	1	12	14	9
96P--0--	1336-337-0497	LUG, FORWARD LAUNCHING AL-ALLOY (8026420)	1	2	2	1	12	14	3
5-P1-F--	4730-289-1134	NIPPLE, TUBE S, CD-PLTD FIN., 7/16-20UNF-3A, U/W 1/4 OD TU (AN-832-4)	1	1	*	1	1	17	19
94P--0--	5310-543-5653	NUT, PLAIN, HEXAGON MED, CARB-S, CD- OR ZN-PLTD W/CHROMATE FIN., 3/8-24UNF-2B, 9/16 W ACROSS FLATS, 21/64 THK (MS-35690-625)	100	6	(6)	4	72	15	4
94P--0--	5310-656-0094	NUT, PLAIN, HEXAGON S, CD- OR ZN-PLTD FIN., 7/16-20NF-3, 0.688 W ACROSS FLATS, 1/4 THK (MS-24400-4)	1	1	(1)	*	2	17	18
94P--0--	5310-012-0371	NUT, PLAIN, HEXAGON S, CD- OR ZN-PLTD FIN., 1/2-20UNF-2B, 3/4 W ACROSS FLATS, 7/16 THK (120371)	50	3	(3)	2	36	15	10
94P--F--	5310-013-4530	NUT, PLAIN, HEXAGON S, CD- OR ZN-PLTD W/CHROMATE FIN., NO. 6-32NC-2B, 5/16 W ACROSS FLATS, 7/64 THK (MS-35649-62)	100	2	(2)	*	4	17	8
94P--D--	5310-012-0614	NUT, PLAIN, HEXAGON S, CD- OR ZN-PLTD W/CHROMATE FIN., NO. 10-32NF-2B, 3/8 W ACROSS FLATS, 1/8 THK (MS-35650-102)	100	18	-	-	9	16	2
94P--0--	5310-167-1345	NUT, PLAIN, HEXAGON S, CD-PLTD FIN., 5/16-24NF-3, 0.5 W ACROSS FLATS, 15/16 THK (AN-315-5R)	5	4	4	2	24	14	2
94P--F--	5310-050-3351	NUT, SELF-LOCKING, HEXAGON S, CD- OR ZN-PLTD FIN., 3/8-24UNF-3B, 9/16 W ACROSS FLATS, 29/64 THK (503351)	100	1	*	-	-	11	3
94P--F--	5310-050-3238	NUT, SELF-LOCKING, HEXAGON S, CD- OR ZN-PLTD FIN., NO. 6-32NC-3B, 5/16 W ACROSS FLATS, 11/64 THK (503238)	100	4	(4)	*	8	17	1
94P--D--	5310-275-1993	NUT, SELF-LOCKING, HEXAGON S, CD-PLTD FIN., NO. 10-32NF-3B, 3/8 W ACROSS FLATS, 15/64 THK (MS-20365-1032A)	100	9	-	-	2	16	1
96P--D--	1336-333-0508	PACKING, PREFORMED 15.475 ID, 0.210 DIA (8025016)	1	1	-	-	1	17	14
94P--F--	5330-248-3837	PACKING, PREFORMED SYN-RU, 0.362 ID, 0.568 OD, 0.103 H (MS-29513-110)	1	1	*	1	1	17	20
96P--F--	1336-333-0517	PIN, BOOSTER ALIGNING S, 3/8-24UNF-3A THD, 2-1/4 LG (8026423)	1	1	*	-	-	11	4
96P1-0--	1336-337-0489	PLATE, LAUNCHING LUG (8026429)	1	4	4	1	24	14	5

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					(A)	(B)		(A)	(B)
					3rd ECHELON (DIRECT SUPPORT)	4th ECHELON (GENERAL SUPPORT)		FIGURE NUMBER	ITEM NUMBER
96P--0--	1336-333-0522	PLUG, SHORTING ASSEMBLY ELEC TYPE CHAIN FRM CAP TO RED FLAG, W/WTHRPRF CAP, 4 W, 12 LG (8026309)	1	1	(1)	*	2	-	-
96P1-D--	1336-333-0552	RING, RETAINING S (8025082)	1	1	-	-	1	17	11
96P1-D--	5306-337-0500	ROD, THREADED, END S, 3/16 DIA, 3 LG (8025031)	1	9	-	-	2	16	5
96P--0--	5305-015-4954	SCREW, MACHINE CROSS-RECESS-RD-HD, S, CD-PLTD FIN., NO. 6-32NC-2A X 3/16 (154954)	100	1	1	*	2	17	7
96P1-0--	1336-337-0501	SHROUD, BOOSTER AL-ALLOY, 16.609 DIA, 0.032 THK, 28-1/8 LG (8026430)	1	1	(1)	*	5	11	11
96P--D--	1336-333-0537	SPRING, HELICAL, COMPRESSION 0.650 DIA, 11-1/4 FREE LG (8025098)	1	1	-	-	1	17	13
96P--F--	5340-333-0555	STRAP, RETAINING (8025043)	1	1	*	1	24	17	6
96P1-F--	5307-333-0557	STUD, PLAIN S, CD-PLTD FIN. (8026432)	1	6	(2)	*	24	15	1
96P1-D-R	1336-337-0502	SUPPORT, RESONANCE ROD S, CIR SHAPE, 14-7/8 ID, 16 OD, 9/16 W, 7/8 H, (8025086)	1	1	-	-	1	16	6
96P1-0--	1420-032-2433	THRUST STRUCTURE, ROCKET MOTOR, GUIDED MISSILE, M2 (8026424)	1	1	*	*	-	11	1
96P--F--	5310-167-1726	WASHER, FLAT AL-ALLOY, 25/64 ID, 5/8 OD, 1/16 THK, 3/8 SCREW SIZE (AN-960D616)	10	1	*	-	-	11	2
94P--0--	5310-167-0821	WASHER, FLAT CARB-S, CD-PLTD FIN., 0.39 ID, 5/8 OD, 0.064 THK (AN-960-616)	100	6	(3)	*	72	15	3
94P--0--	5310-050-2220	WASHER, FLAT S, CD- OR ZN-PLTD FIN., 17/64 ID, 1/2 OD, 0.031 THK (502220)	100	4	2	*	60	11	12
94P--0--	5310-050-2268	WASHER, FLAT S, CD- OR ZN-PLTD FIN., 33/64 ID, 7/8 OD, 1/16 THK, 1/2 SCREW SIZE (502268)	100	3	(3)	*	72	15	9
94P1-D--	5310-655-9587	WASHER, FLAT S, CD- OR ZN-PLTD FIN., 0.218 ID, 0.437 OD, 0.065 THK, NO. 10 SCREW SIZE (MS-15795-208)	100	36	-	-	18	16	3
94P--0--	5310-167-0822	WASHER, FLAT S, CD-PLTD FIN., 29/64 ID, 3/4 OD, 1/16 THK, 7/16 SCREW SIZE (AN-960-716)	100	6	(2)	*	24	11	19

(1) SM & R CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF ISSUE	(5) QUANTITY INCORPORATED IN UNIT	(6) 15 DAY MAINTENANCE ALLOWANCE		(7) 5th ECHELON DEPOT MAINT. GUIDE PER 100 EQUIP.	(8) ILLUSTRATION	
					(A)	(B)		(A)	(B)
					3rd ECHELON (DIRECT SUPPORT)	4th ECHELON (GENERAL SUPPORT)		FIGURE NUMBER	ITEM NUMBER
94P--0--	5310-012-0381	WASHER, LOCK SPLIT, LT, S, CD- OR ZN-PLTD W/CHROMATE FIN., 0.398 ID, 0.678 OD, 0.08 THK, 3/8 SCREW SIZE (MS-35337-27)	100	6	(3)	*	72	15	2
94P--0--	5310-012-0239	WASHER, LOCK SPLIT, LT, S, CD- OR ZN-PLTD W/CHROMATE FIN., 1/2 SCREW SIZE (MS-35337-29)	100	3	(3)	*	72	15	8
96P1-0--	1336-632-3059	SAFETY AND ARMING DEVICE, GUIDED MISSILE, M30A1 (-)	-	-	-	-	-	5	-
96P1-0--	1336-632-3059	BAIL, SAFETY AND ARMING DEVICE (10404164)	1	1	4	2	48	5	2
96P1-0--	1336-632-3059	STARTING MIXTURE, GUIDED MISSILE, UDMH (-)	-	-	-	-	-	9	-
96P1-0--	1336-632-3059	NONE AUTHORIZED	-	-	-	-	-	-	-
96P1-0--	1336-632-3059	WARHEAD, GUIDED MISSILE, M2 (-)	-	-	-	-	-	6	1
96P--F--	1420-756-2238	GASKET CORK, 0.57 ID, 0.75 OD, 0.03 THK (8796007) (U/O 8796002.)	1	1	*	*	100	-	-
96P1-F--	1336-732-7802	PLUG, SHIPPING (8796075) (U/O 8796002.)	5	1	*	*	100	-	-
96P1-0--	1336-732-7802	WARHEAD, GUIDED MISSILE, M3 (-)	-	-	-	-	-	6	5
96P--F--	1420-835-1865	GASKET CORK, 0.56 DIA OF APERTURE, 0.75 OD, 0.03 THK (8796073) (U/O 8796056.)	5	1	*	*	100	-	-
99P1-0--	1336-512-5661	INITIATOR ASSEMBLY FOR M3 (T37E3) WARHEAD (8796056)	1	1	*	*	-	006	004
96P1-F--	1336-732-7802	PLUG, SHIPPING (8796075) (U/O 8796056.)	5	1	*	*	100	-	-
96P1-0--	1336-732-7802	WARHEAD, GUIDED MISSILE, M4 (-)	-	-	-	-	-	6	2
96P--F--	1420-835-1865	GASKET CORK, 0.56 DIA OF APERTURE, 0.75 OD, 0.03 THK (8796073) (U/O 8796057.)	5	1	*	*	100	-	-
99P1-0--	1336-512-5662	INITIATOR ASSEMBLY FOR M4 (T38E3) WARHEAD (8796057)	1	1	*	*	-	6	3
96P1-F--	1336-732-7802	PLUG, SHIPPING (8796075) (U/O 8796057.)	5	1	*	*	100	-	-

(1) SM & R CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF ISSUE	(5) QUANTITY INCORPORATED IN UNIT	(6) 15 DAY MAINTENANCE ALLOWANCE		(7) 5th ECHELON DEPOT MAINT. GUIDE PER 100 EQUIP.	(8) ILLUSTRATION	
					(A)	(B)		(A)	(B)
					3rd ECHELON (DIRECT SUPPORT)	4th ECHELON (GENERAL SUPPORT)		FIGURE NUMBER	ITEM NUMBER
		SPECIAL TOOLS FOR ORDNANCE MAINTENANCE							
		NOTE PROCEDURES FOR OBTAINING THE NON-STOCK NUMBERED ITEMS LISTED BELOW ARE PROVIDED BY PROVISIONS OF AR 725-922. FURTHER QUERIES CONCERNING THESE ITEMS SHOULD BE ADDRESSED TO COMMANDING GENERAL, US ARMY MISSILE COMMAND, SUPPLY AND MAINTENANCE DIRECTORATE, ATTN: AMSMI-SMD, REDSTONE ARSENAL, ALABAMA							
N-		PULLER, HEAD ASSEMBLY, HANDSCREW, FOR ROCKET MOTOR, M5 (REF NO. NEC-184) (-)	1	-				18	-
NR		RACK, HOLDING, FOR ROCKET MOTOR, M5 (REF NO. NEC-505) (-)	-	-				20	-
NR		RAM, GRAIN ASSEMBLY, FOR ROCKET MOTOR, M5 (REF NO. NEC-507) (-)	-	-				19	-
NR		TROUGH, GRAIN SUPPORT, FOR ROCKET MOTOR, M5 (REF NO. NEC-506) (-)	-	-				21	-
95P1-F--	5120-224-7592	PRESS, LEAD SEAL, HAND DBLE JAW W/INITIALS US ON ONE JAW DIE AND ORD INSIGNIA ON OTHER JAW DIE (41P2745500)	1	-					
96P1-ON-	4935-605-7757	SHOP EQUIPMENT, GUIDED MISSILE, FIELD MAINTENANCE SPECIAL, INSPECTION AND CLASSIFICATION (SET B 4TH ECHELON) (8030507) (FOR COMPONENTS OF THIS SET, SEE SM9-4-4935, NO. 2.)	SET	1					

FEDERAL STOCK NO.	REFERENCE NO.	FIG. NO.	ITEM NO.	FEDERAL STOCK NO.	REFERENCE NO.	FIG. NO.	ITEM NO.
1336-032-2446	8025381	011	017	5310-012-0239	MS-35337-29		
1336-302-1727	8022564	-	-	5310-012-0371	120371	15	10
1336-332-3793	8025047	17	3	5310-012-0381	MS-35337-27	15	2
1336-333-0490	8025044	17	4	5310-012-0614	MS-35650-102	16	2
1336-333-0501	8025048	17	9	5310-013-4530	MS-35649-62	17	8
1336-333-0508	8025016	17	14	5310-050-2220	502220	11	12
1336-333-0517	8026423	11	4	5310-050-2268	502268	15	9
1336-333-0522	8026309	-	-	5310-050-3238	503238	17	1
1336-333-0537	8025098	17	13	5310-050-3351	503351	11	3
1336-333-0552	8025082	17	11	5310-167-0821	AN-960-616	15	3
1336-333-0556	8026431	11	9	5310-167-0822	AN-960-716	11	19
1336-337-0483	8025103	13	2	5310-167-1345	AN-315-5R	14	2
1336-337-0485	8025049	17	5	5310-167-1726	AN-9600616	11	2
1336-337-0487	8030004	17	12	5310-275-1993	MS-20365-1032A	16	1
1336-337-0489	8026429	14	5	5310-543-5653	MS-35690-625	15	4
1336-337-0493	8026426	11	5	5310-655-9587	MS-15795-208	16	3
1336-337-0494	8025069	17	15	5310-656-0094	MS-24400-4	17	18
1336-337-0496	8026421	14	9	5325-050-2852	502852	15	4
1336-337-0497	8026420	14	3	5330-091-8768	8034425	7	2
1336-337-0501	8026430	11	11	5330-098-8303	8051714	-	-
1336-337-0502	8025086	16	6	5330-248-3837	MS-29513-110	17	20
1336-338-6275	8026422	15	7	5330-333-3782	8025045	17	2
1336-338-6297	8166888	11	15	5340-333-0555	8025043	17	6
1336-512-5661	8796056	006	004	5340-526-9663	-	-	-
1336-512-5662	8796057	6	3	5340-543-3517	8051738G	-	-
1336-535-3237	8030041	12	2	6140-643-4826	MIL-S-11453	2	-
1336-535-6464	8796544	-	-	6685-580-5334	8034442	-	-
1336-575-3457	7542841	5	1	8040-575-5272	8030047	-	-
1336-632-3059	10404164	5	2	8110-807-7856	8034421	7	1
1336-732-7802	8796075	-	-	8140-091-8791	8050205	-	-
1336-737-0462	8030933	-	-	8140-098-8421	8051746	-	-
1420-032-2432	8530392	-	-	8140-098-8563	8137961	-	-
1420-032-2433	8026424	11	1	8140-332-3784	8051738H	-	-
1420-032-2448	8006557	3	1	8140-701-1759	8025338A	-	-
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1420-032-2450	8006559	3	1				
1420-032-2451	8006560	3	1				
1420-032-2452	8006561	3	1				
1420-032-2469	8006268	3	1				
1420-032-2482	8023275	3	2				
1420-032-2483	8024849	3	2				
1420-032-2484	8024850	3	2				
1420-032-2485	8024851	3	2				
1420-032-2486	8024852	3	2				
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1420-609-3002	9006437	-	-				
1420-609-3003	9006438	-	-				
1420-609-3004	9006439	-	-				
1420-609-3005	9006440	-	-				
1420-609-3006	9006441	-	-				
1420-647-4955	8530393	-	-				
1420-699-1232	8530389	-	-				
1420-756-2238	8796007	-	-				
1420-817-2456	8014960	-	-				
1420-835-1865	8796073	-	-				
1420-864-0419	8030967	-	-				
1440-722-3554	9029926	-	-				
2540-098-8458	8051738E	-	-				
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4730-289-1134	AN-832-4	17	19				
4935-605-7757	8030507	-	-				
5120-224-7592	41P2745500	-	-				
5305-015-4954	154954	17	7				
5305-616-3654	8160809	-	-				
5306-050-1811	501811	14	4				
5306-151-1284	AN-5-14A	14	007				
5306-151-1426	AN-4-6A	14	6				
5306-206-4539	AN-8-17A	15	6				
5306-206-4931	AN-4-3A	011	013				
5306-208-3655	AN-7-16A	11	20				
5306-333-0531	8026433	15	5				
5306-337-0500	8025031	16	5				
5306-638-0939	583751	14	10				
5307-333-0557	8026432	15	1				

REFERENCE NO.	FEDERAL STOCK NO.	REFERENCE NO.	FEDERAL STOCK NO.
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AN-4-6A	5306-206-4931	8030047	8040-575-5272
AN-5-14A	5306-151-1426	8030507	4935-605-7757
AN-7-16A	5306-151-1284	8030933	1336-737-0462
AN-8-17A	5306-208-3655	8030967	1420-864-0419
AN-832-4	5306-206-4539	8034421	8110-807-7856
AN-929-4	4730-289-1134	8034425	5330-091-8768
AN-960-616	4730-278-5006	8034442	6685-580-5334
AN-960-716	5310-167-0821	8050205	8140-091-8791
AN-960D616	5310-167-0822	8051714	5330-098-8303
MIL-S-11453	5310-167-1726	8051738E	2540-098-8458
MS-15795-208	6140-643-4826	8051738G	5340-543-3517
MS-20365-1032A	5310-655-9587	8051738H	8140-332-3784
MS-24400-4	5310-275-1993	8051746	8140-098-8421
MS-29513-110	5310-656-0094	8137961	8140-098-8563
MS-35337-27	5330-248-3837	8160809	5305-616-3654
MS-35337-29	5310-012-0381	8166888	1336-338-6297
MS-35649-62	5310-012-0239	8530388	1420-574-0129
MS-35650-102	5310-013-4530	8530389	1420-699-1232
MS-35690-625	5310-012-0614	8530392	1420-032-2432
10404164	5310-543-5653	8530393	1420-647-4955
120371	1336-632-3059	8796007	1420-756-2238
154954	5310-012-0371	8796056	1336-512-5661
41P2745500	5305-015-4954	8796057	1336-512-5662
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502220	5306-050-1811	8796075	1336-732-7802
502268	5310-050-2220	8796544	1336-535-6464
502852	5310-050-2268	9006437	1420-609-3002
503238	5325-050-2852	9006438	1420-609-3003
503351	5310-050-3238	9006439	1420-609-3004
583751	5310-050-3351	9006440	1420-609-3005
7542841	5306-638-0939	9006441	1420-609-3006
8006268	1336-575-3457	9029926	1440-722-3554
8006557	1420-032-2469		
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8006561	1420-032-2451		
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8025069	1336-337-0485		
8025082	1336-337-0494		
8025086	1336-333-0552		
8025098	1336-337-0502		
8025103	1336-333-0537		
8025338A	1336-337-0483		
8025381	8140-701-1759		
8026309	1336-032-2446		
8026420	1336-333-0522		
8026421	1336-337-0497		
8026422	1336-337-0496		
8026423	1336-338-6275		
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8026430	1336-337-0489		
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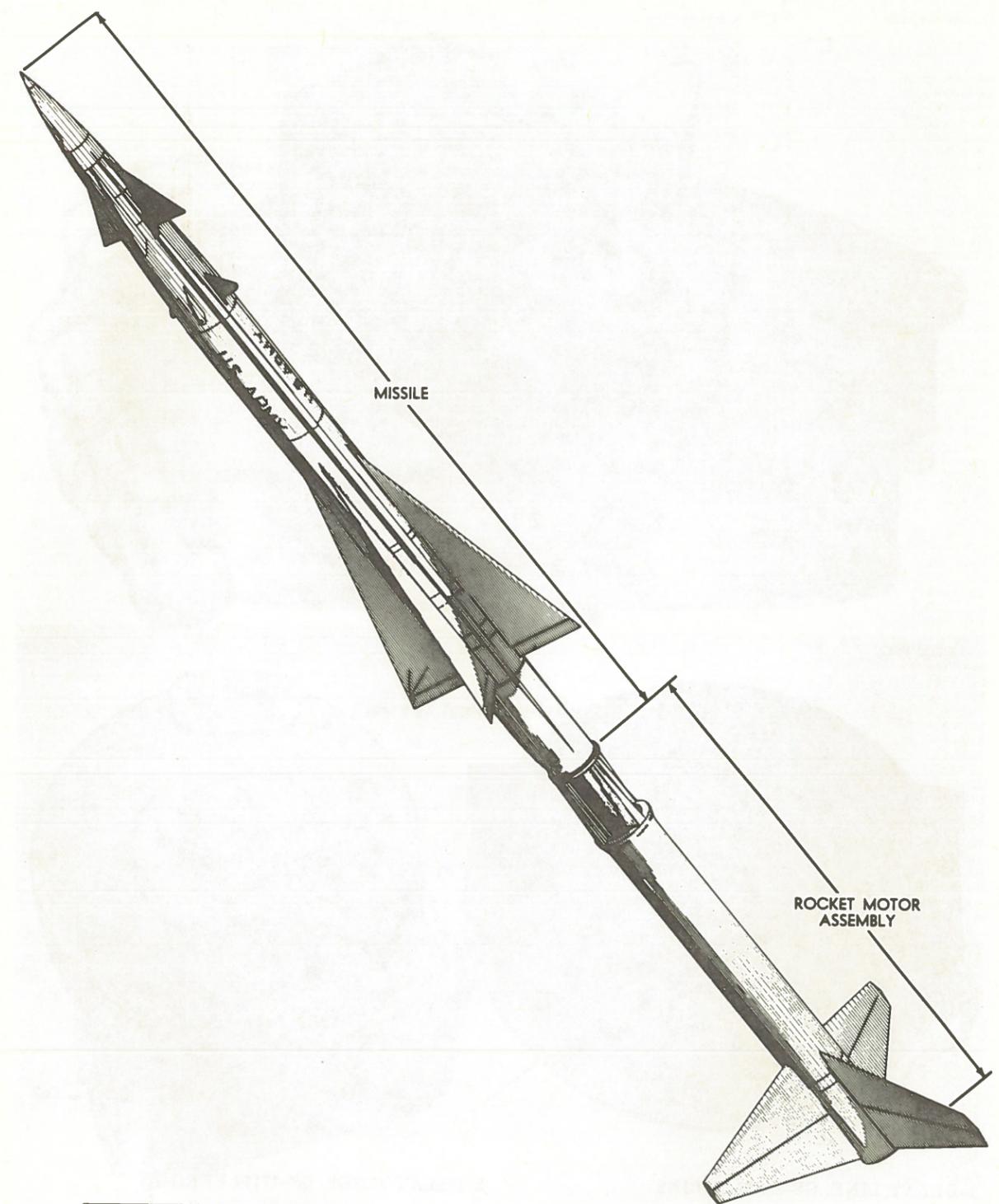
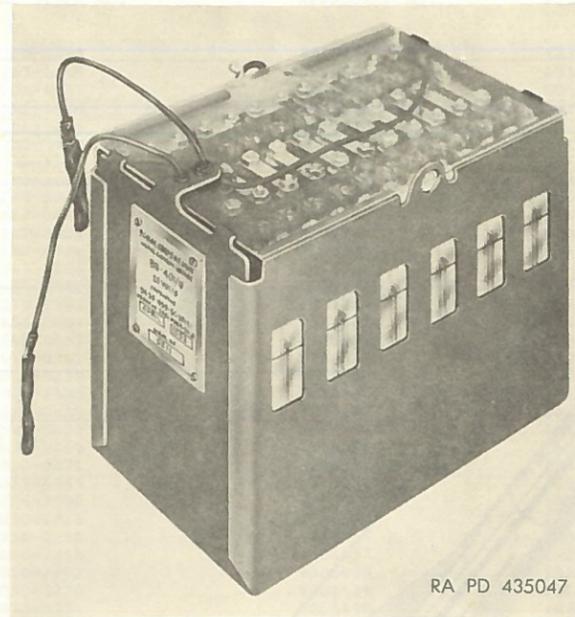


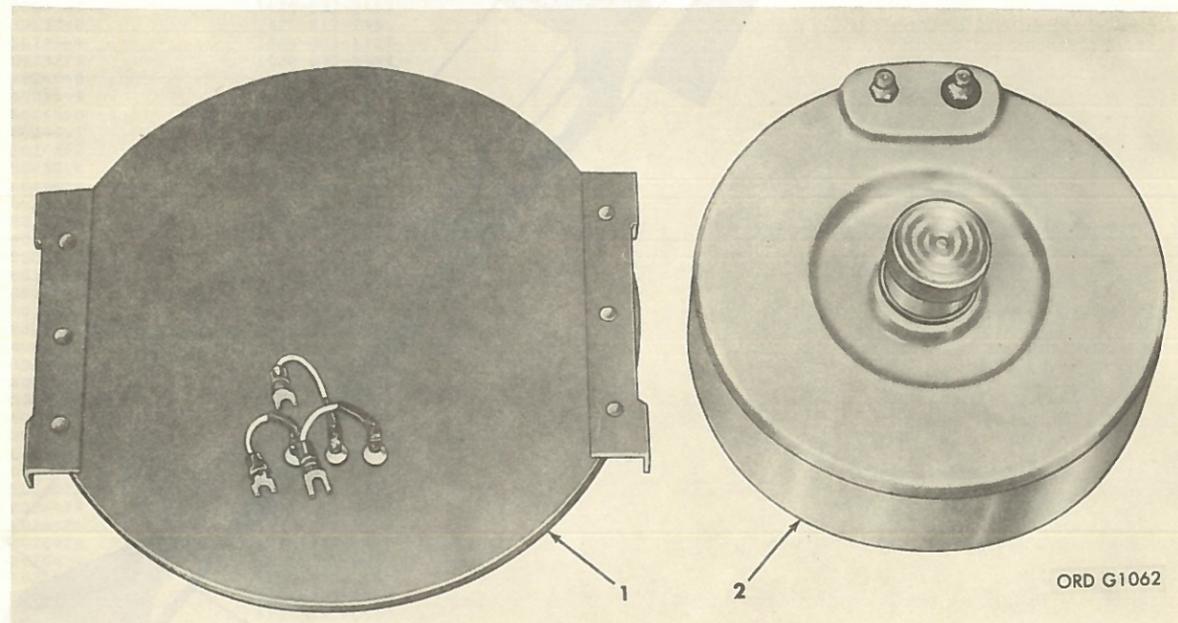
Figure 1. Guided missile, air defense, M1

RA PD 458576



RA PD 435047

Figure 2. Battery, storage, BB401/U

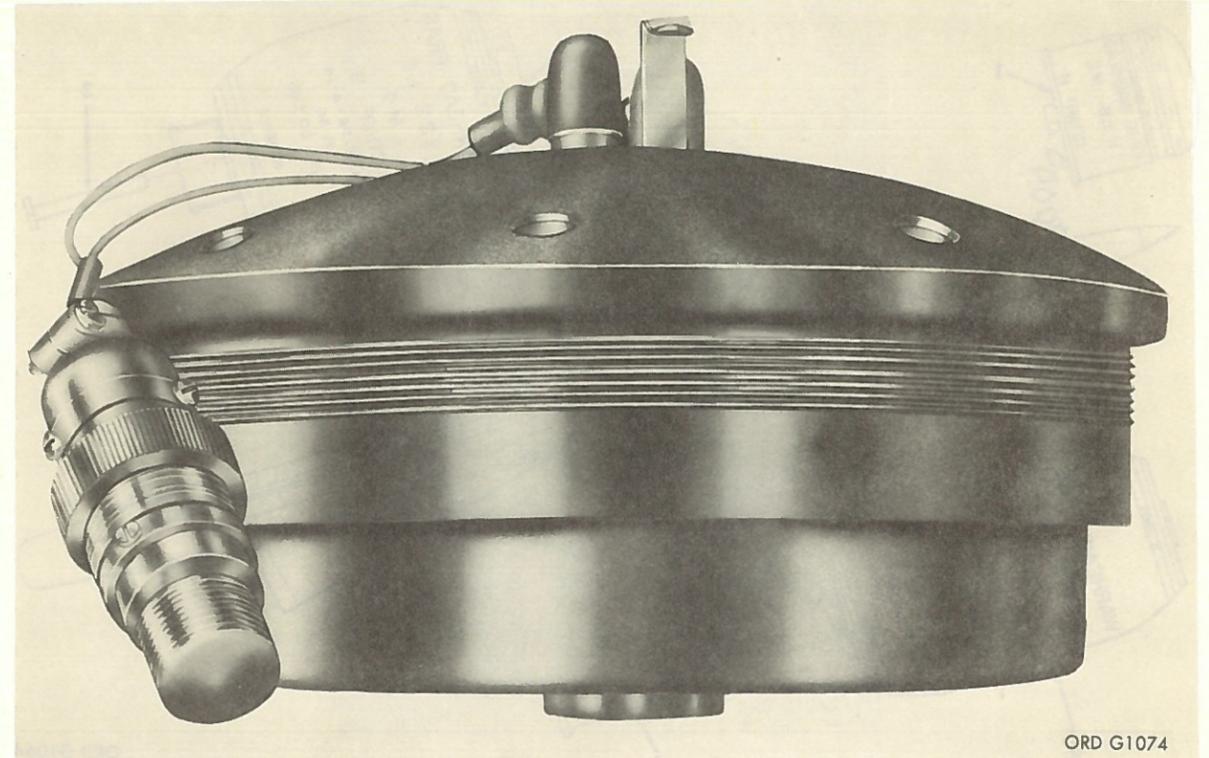


ORD G1062

1-DELAY LINE, GS-15666 SERIES

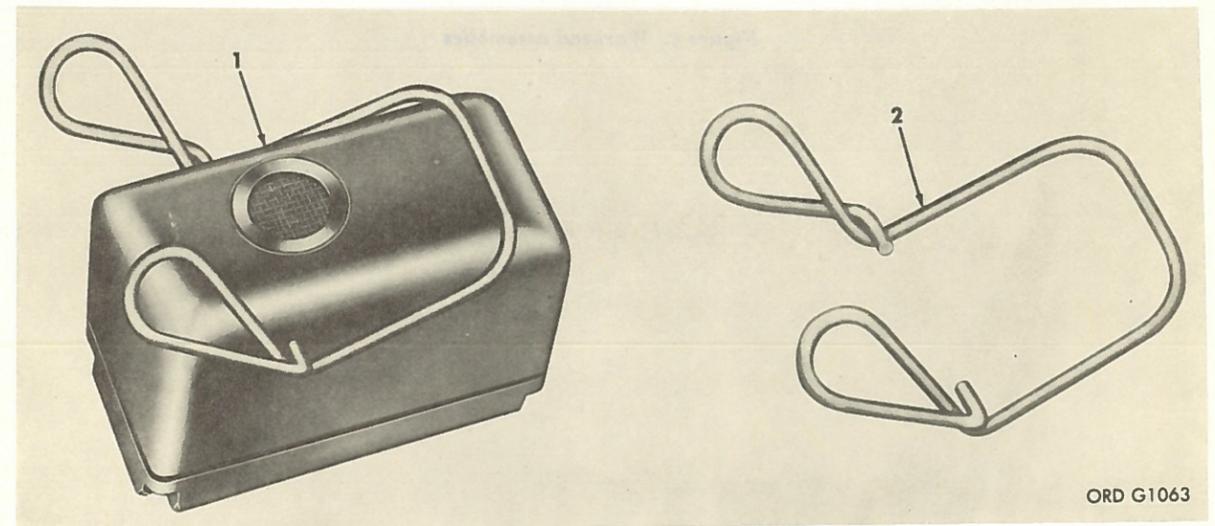
2-DELAY LINES, GS-17194 SERIES

Figure 3. Delay lines



ORD G1074

Figure 4. Igniter, rocket motor, M24

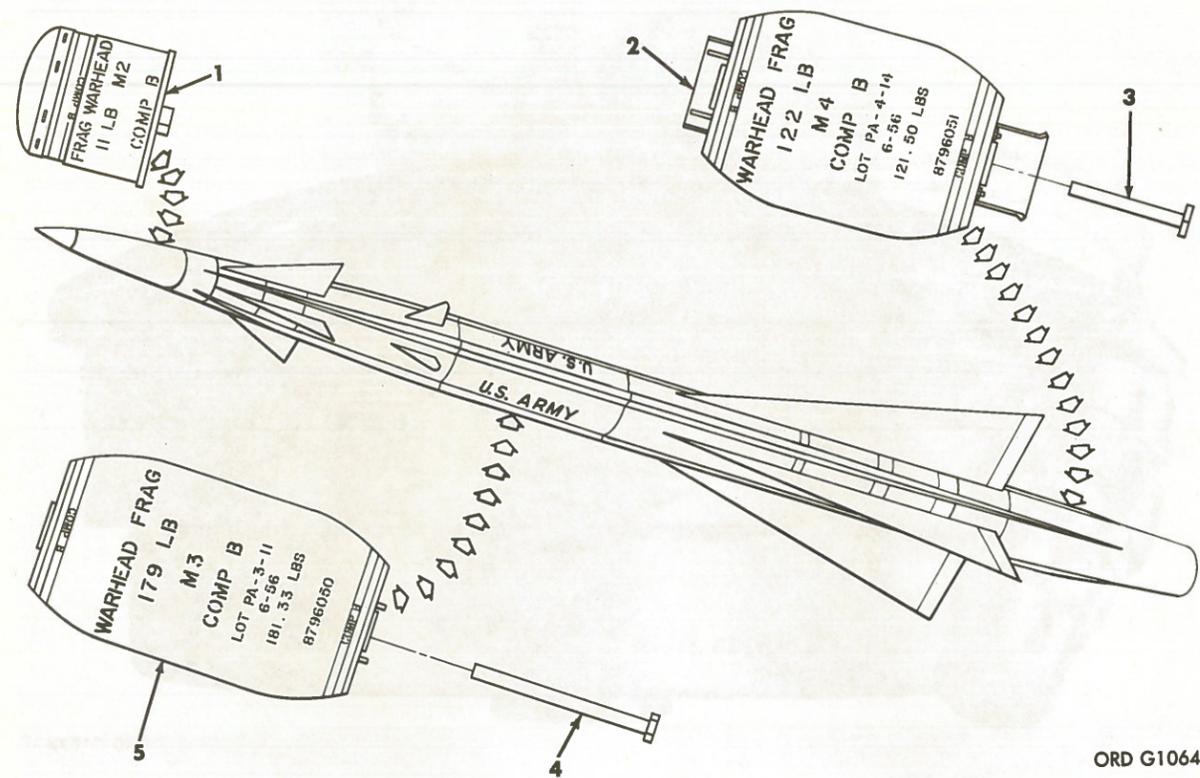


ORD G1063

1-SAFETY AND ARMING DEVICE-7542841

2-BAIL-10404164

Figure 5. Safety and arming device, M30A1

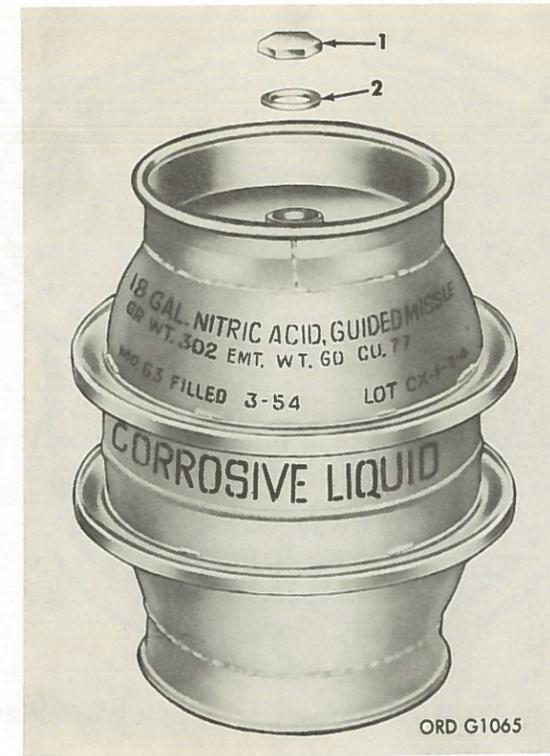


ORD G1064

- 1-WARHEAD, M2
- 2-WARHEAD, M4
- 3-INITIATOR ASSEMBLY-8796057

- 4-INITIATOR ASSEMBLY-8796056
- 5-WARHEAD, M3

Figure 6. Warhead assemblies



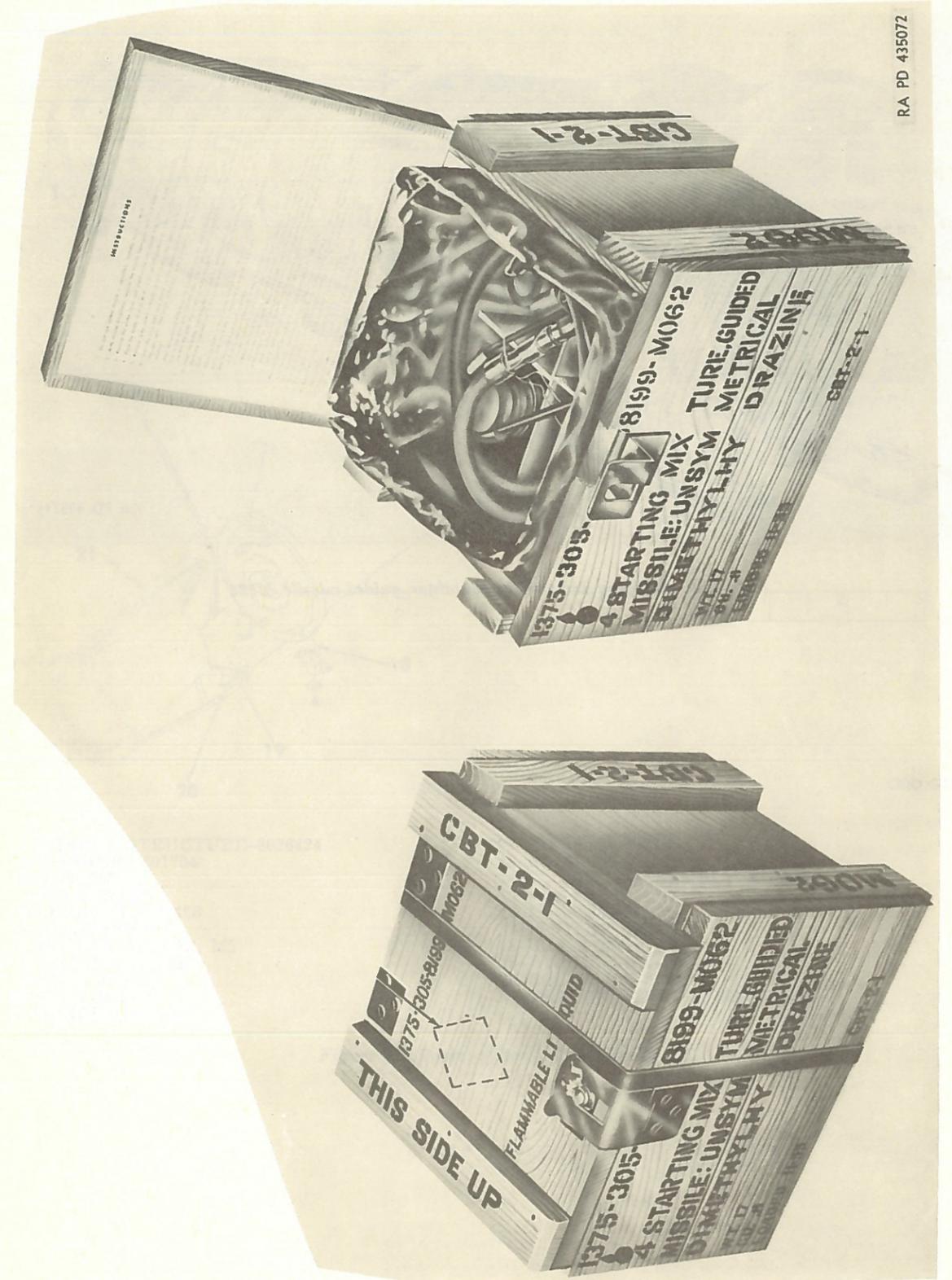
- 1-CAP-8034421
- 2-GASKET-8034425

Figure 7. Nitric acid (in container)



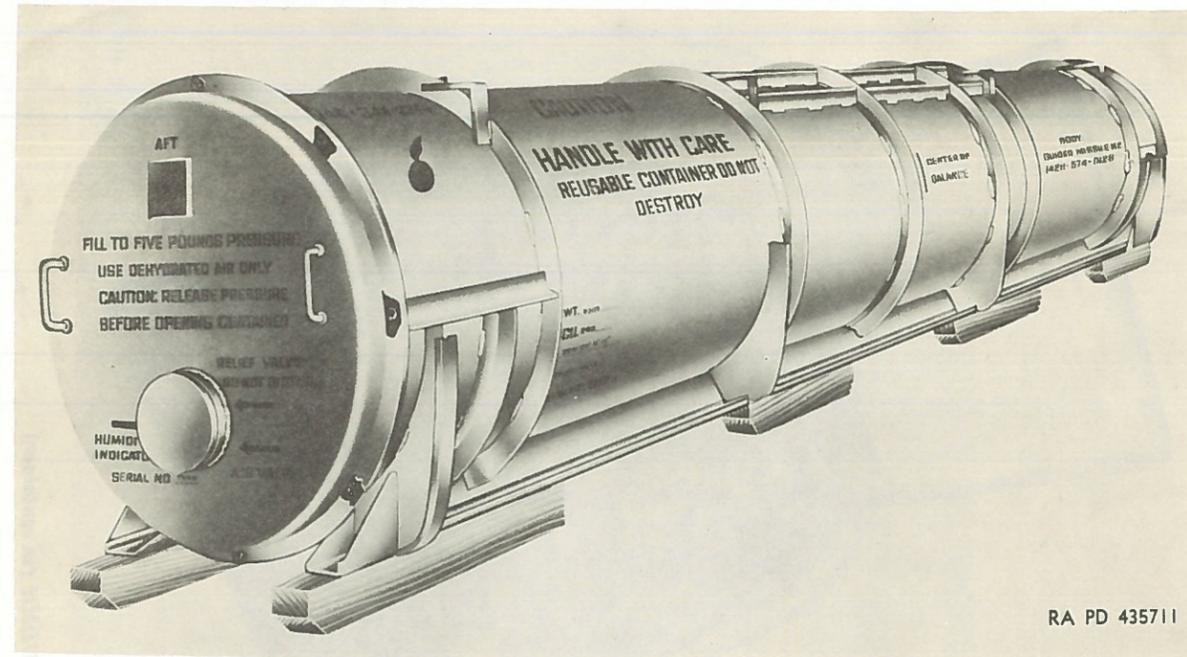
RA PD 458581

Figure 8. Propellant mixture, guided missile, M3 (in container)



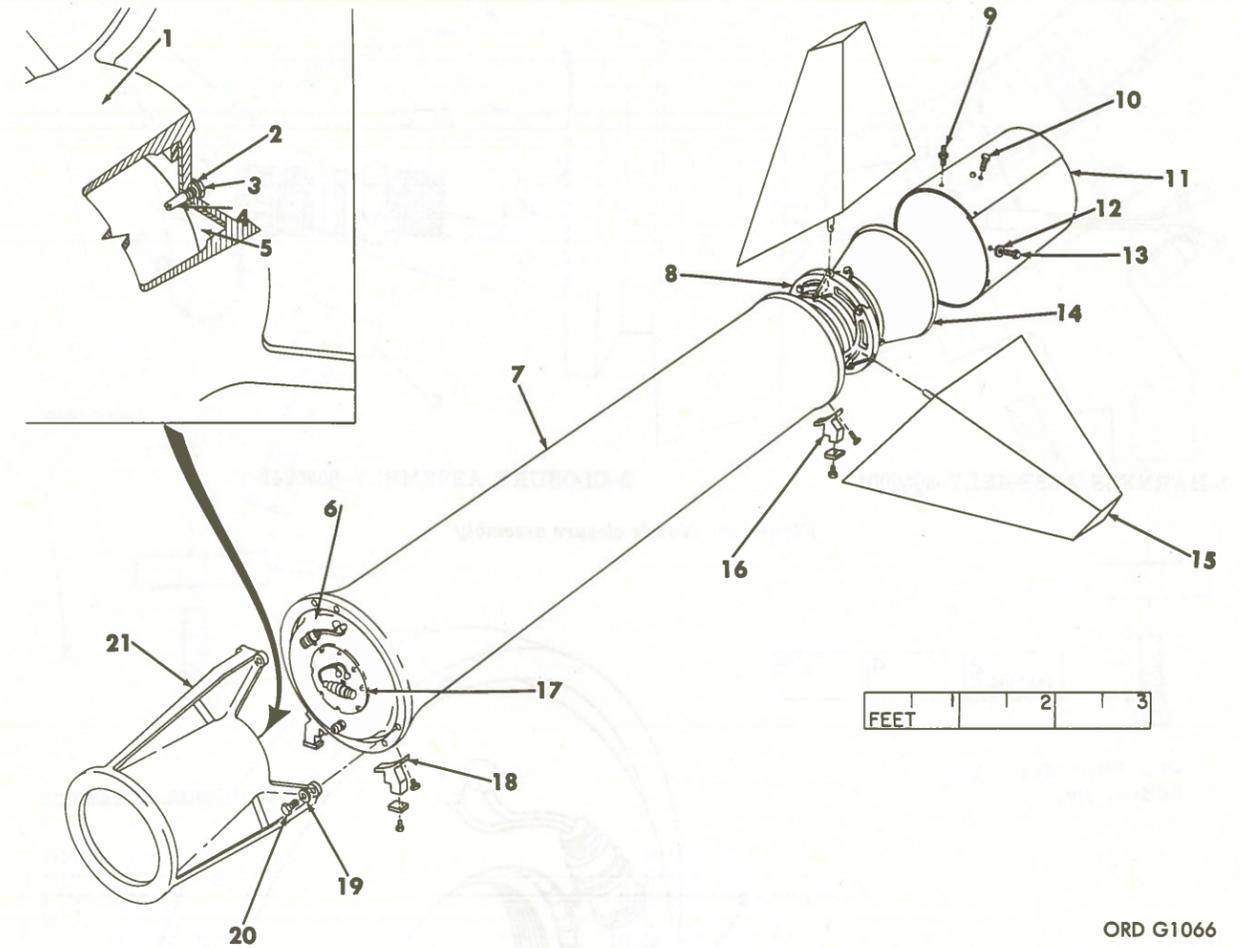
RA PD 435072

Figure 9. Starting mixture, guided missile, UDMH (in container)



RA PD 435711

Figure 10. Shipping and storage container, guided missile, M326

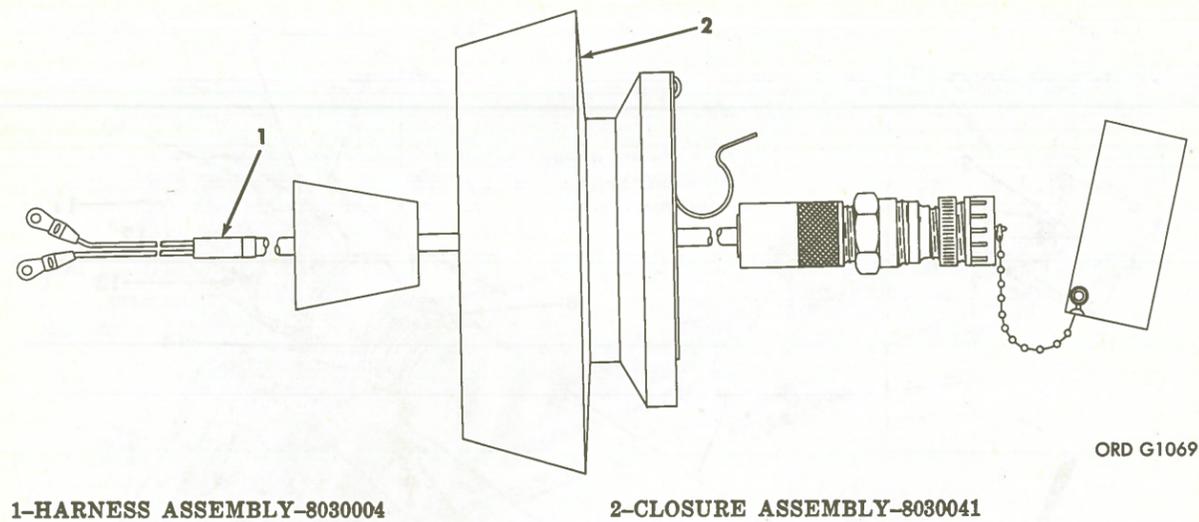


- 1-THRUST STRUCTURE-8026424
- 2-WASHER-7601704
- 3-NUT-503351
- 4-PIN-8026423
- 5-CUSHION-8026426
- 6-HEAD-8025069
- 7-ROCKET MOTOR, M5
- 8-FITTING-8026422
- 9-STUD-8026431
- 10-BOLT-8026433
- 11-SHROUD-8026430

- 12-WASHER-502220
- 13-BOLT-AN-4-3A
- 14-CLOSURE ASSEMBLY-8030041
- 15-FIN-8166888
- 16-LUG-8026421
- 17-IGNITER-8025381
- 18-LUG-8026420
- 19-WASHER-AN-960-716
- 20-BOLT-AN-7-16A
- 21-THRUST STRUCTURE-8026424

Figure 11. Rocket motor, guided missile, M5

ORD G1066

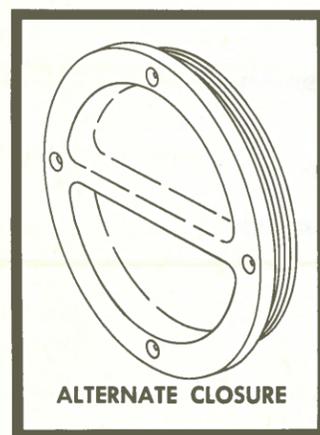


1-HARNESS ASSEMBLY-8030004

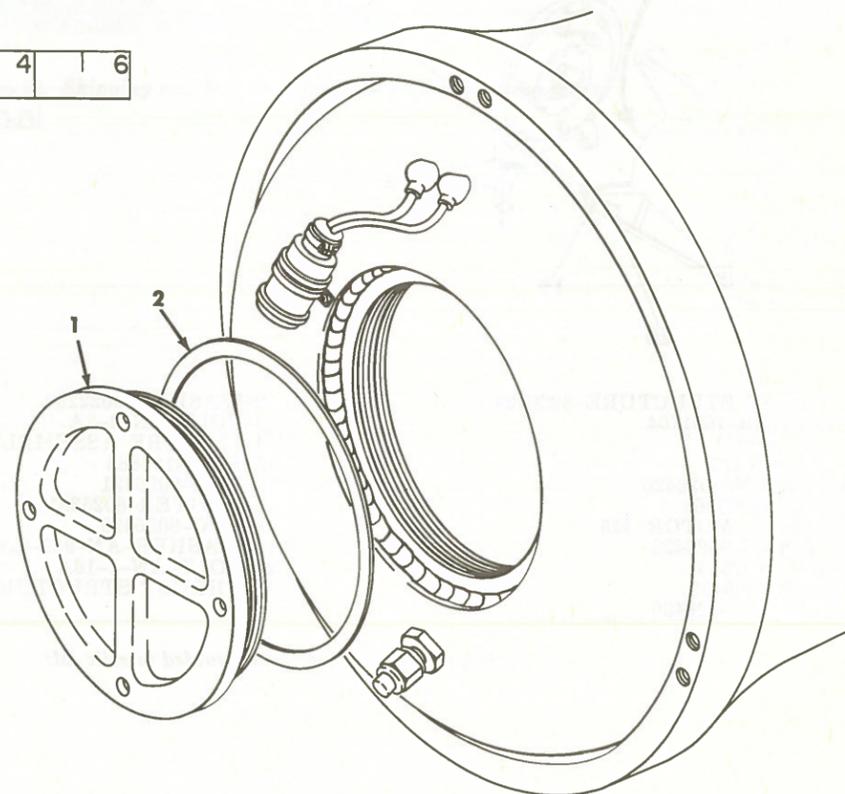
2-CLOSURE ASSEMBLY-8030041

Figure 12. Nozzle closure assembly

ORD G1069



ALTERNATE CLOSURE

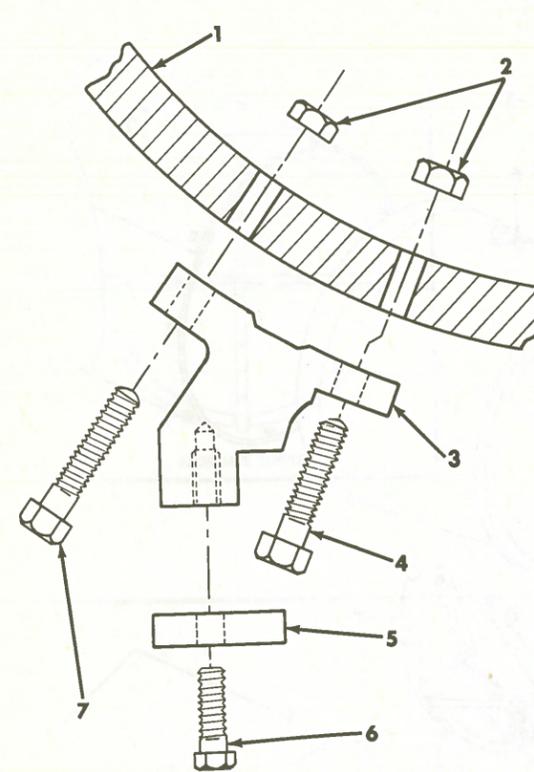


1-CLOSURE-8025014

2-GASKET-8025103

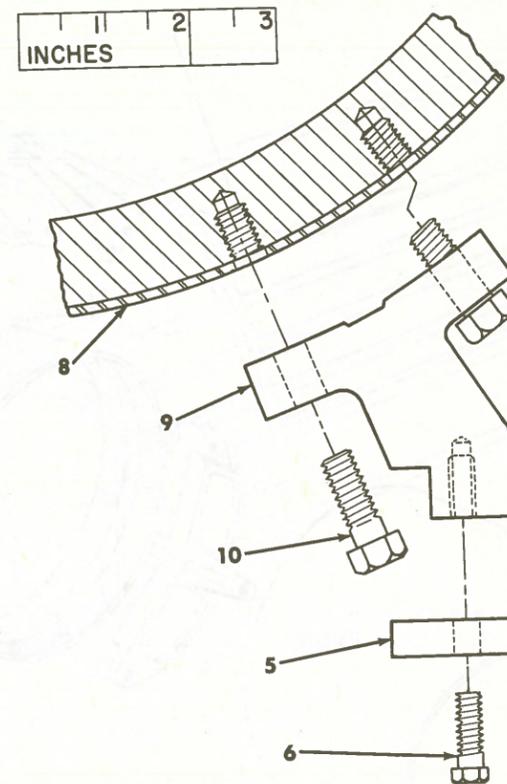
Figure 13. Closure, shipping, rocket motor

ORD G1071



FORWARD LAUNCHING LUG

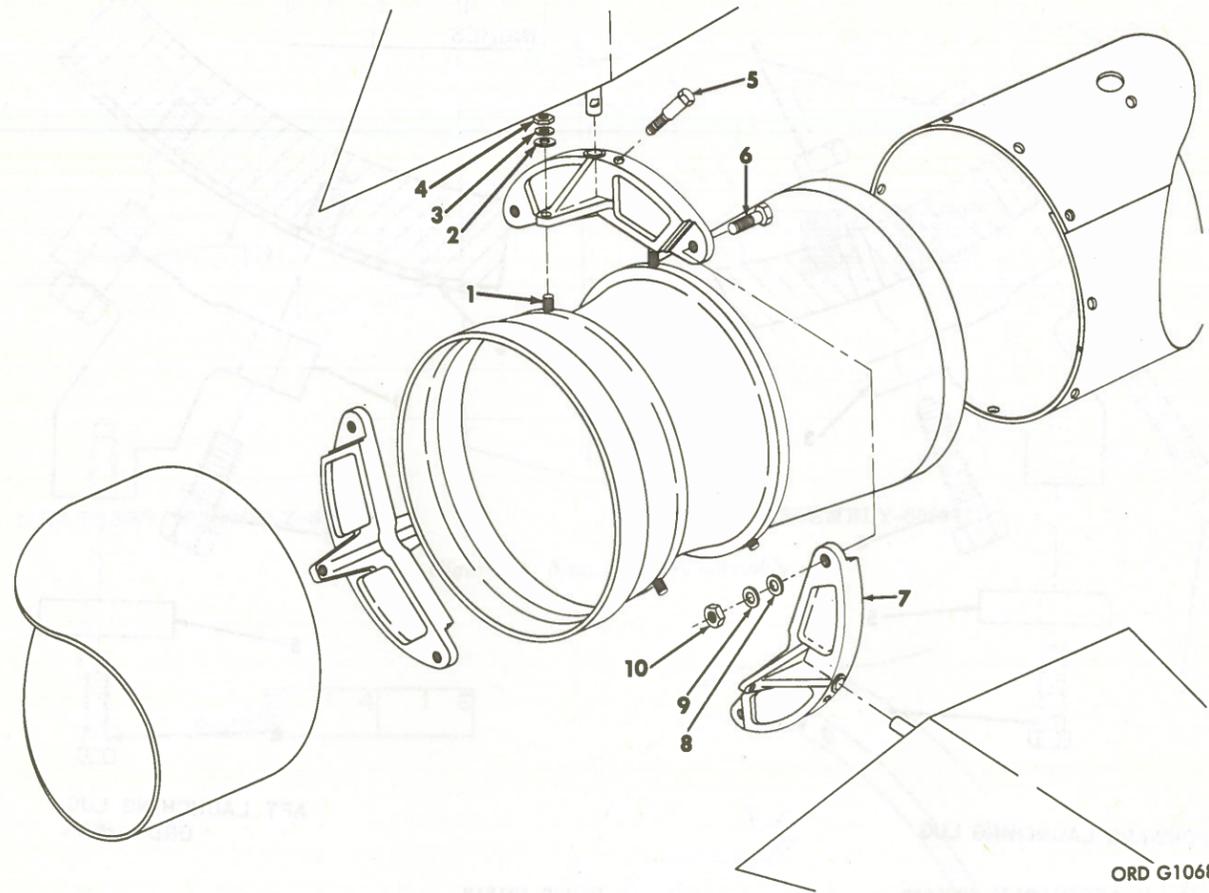
- 1-HEAD ASSEMBLY-8025069
- 2-NUT-AN-315-5R
- 3-LUG-8026420
- 4-BOLT-501811
- 5-PLATE-8026429



AFT LAUNCHING LUG  
ORD G1555

- 6-BOLT-501813
- 7-BOLT-AN-5-14A
- 8-SHROUD-8026430
- 9-LUG-8026421
- 10-BOLT-583751

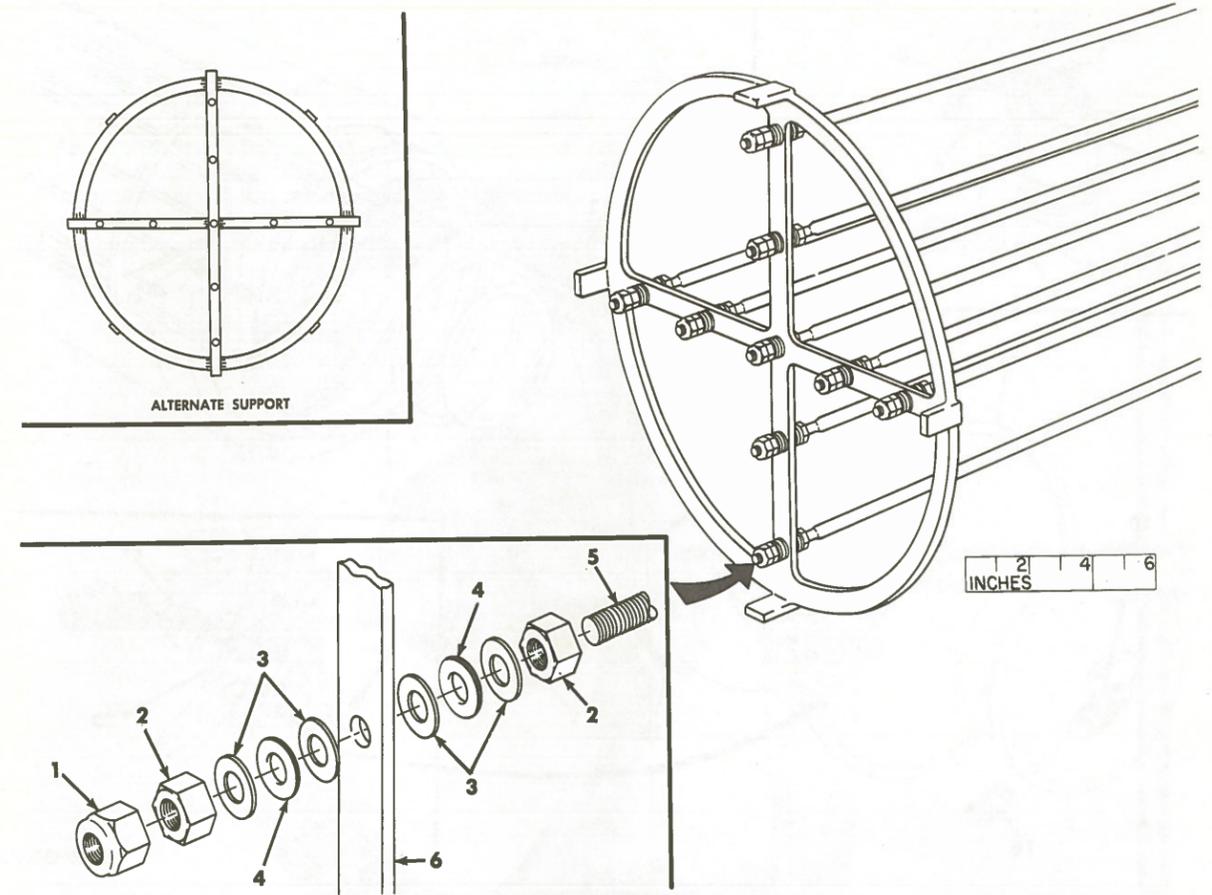
Figure 14. Launching lugs



- 1-STUD-8026432
- 2-WASHER-MS35337-27
- 3-WASHER-AN-960-616
- 4-NUT-120369
- 5-BOLT-8026433

- 6-BOLT-AN-8-17A
- 7-FITTING-8026422
- 8-WASHER-MS-35337-29
- 9-WASHER-502268
- 10-NUT-120371

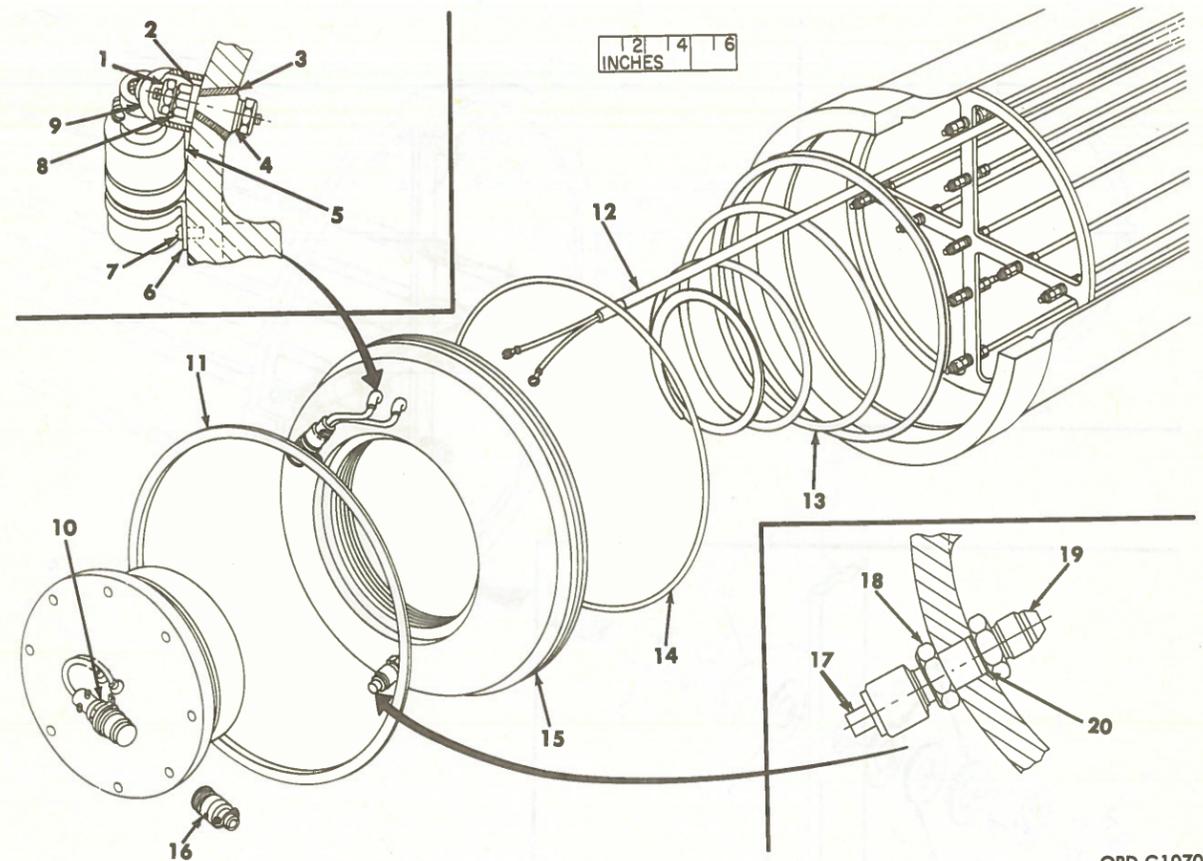
Figure 15. Fin fitting assemblies



- 1-NUT-MS-20865-1082A
- 2-NUT-MS-35650-102
- 3-WASHER-MS-15795-208

- 4-GROMMET-502852
- 5-ROD-8025031
- 6-SUPPORT-8025086

Figure 16. Resonance rod assembly

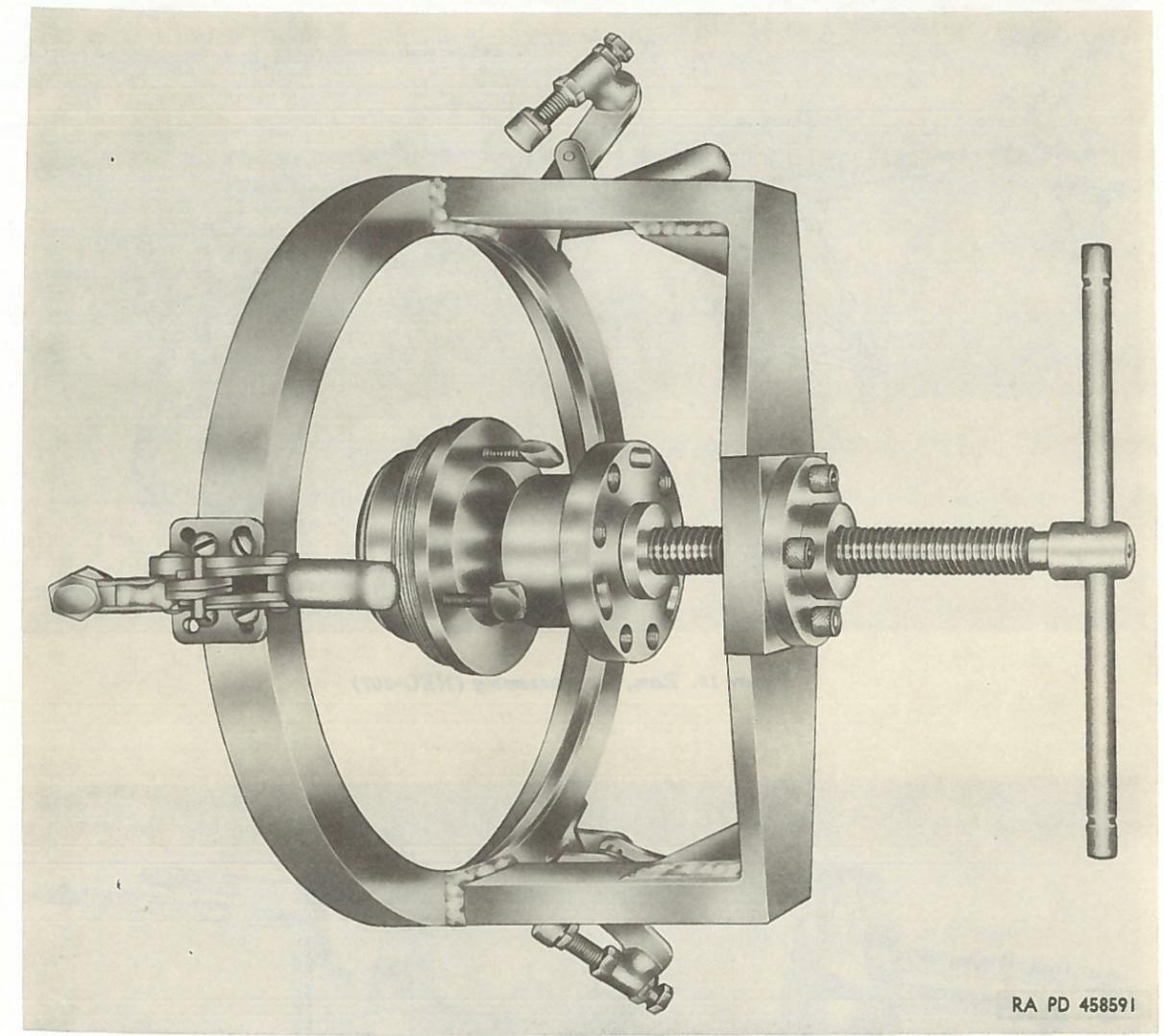


- 1-NUT-503238
- 2-GASKET-8025045
- 3-INSULATOR-8025047
- 4-BOLT-8025044
- 5-HARNESS ASSEMBLY-8025049
- 6-STRAP-8025043
- 7-SCREW-154954
- 8-NUT-MS-35649-62
- 9-COVER-8025048
- 10-IGNITER-8025381

- 11-RING-8025082
- 12-HARNESS ASSEMBLY-8030004
- 13-SPRING-8025098
- 14-PACKING-8025016
- 15-HEAD-8025069
- 16-PLUG-8030201
- 17-CAP-AN-929-4
- 18-NUT-MS-24400-4
- 19-NIPPLE-AN-832-4
- 20-PACKING-MS-29518-110

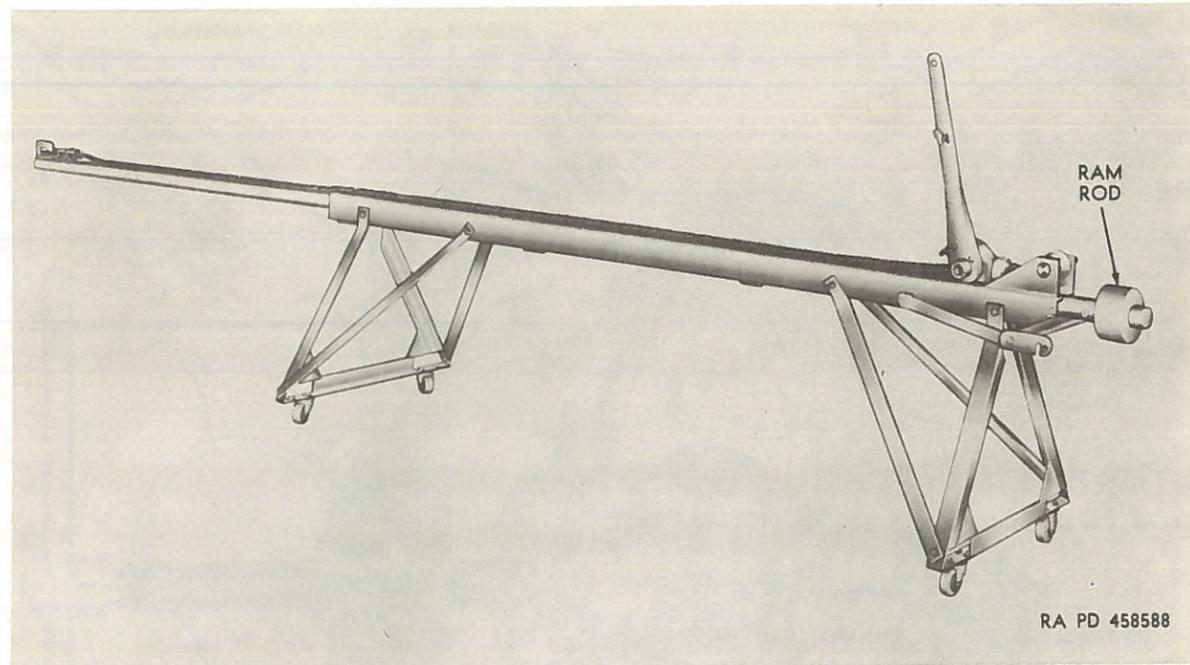
ORD G1070

Figure 17. Rocket motor head assembly



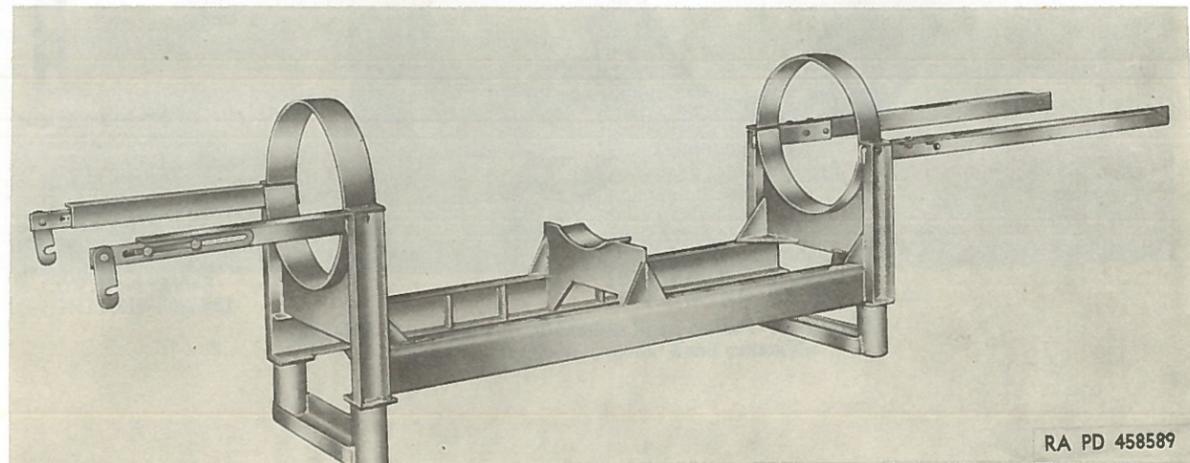
RA PD 458591

Figure 18. Puller, head assembly, hand screw (NEC-184)



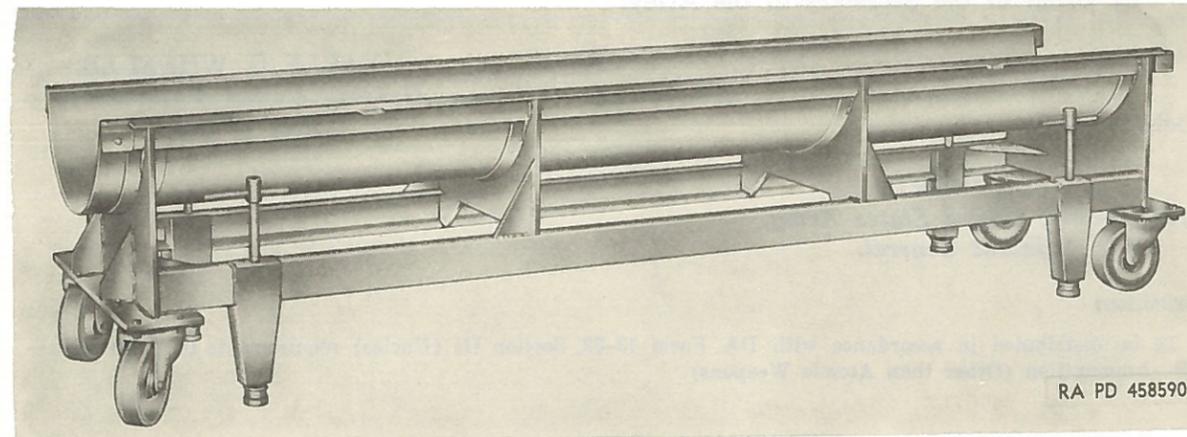
RA PD 458588

Figure 19. Ram, grain assembly (NEC-507)



RA PD 458589

Figure 20. Rack, holding (NEC-505)



RA PD 458590

Figure 21. Trough, grain support (NEC-506)

By Order of the Secretary of the Army:

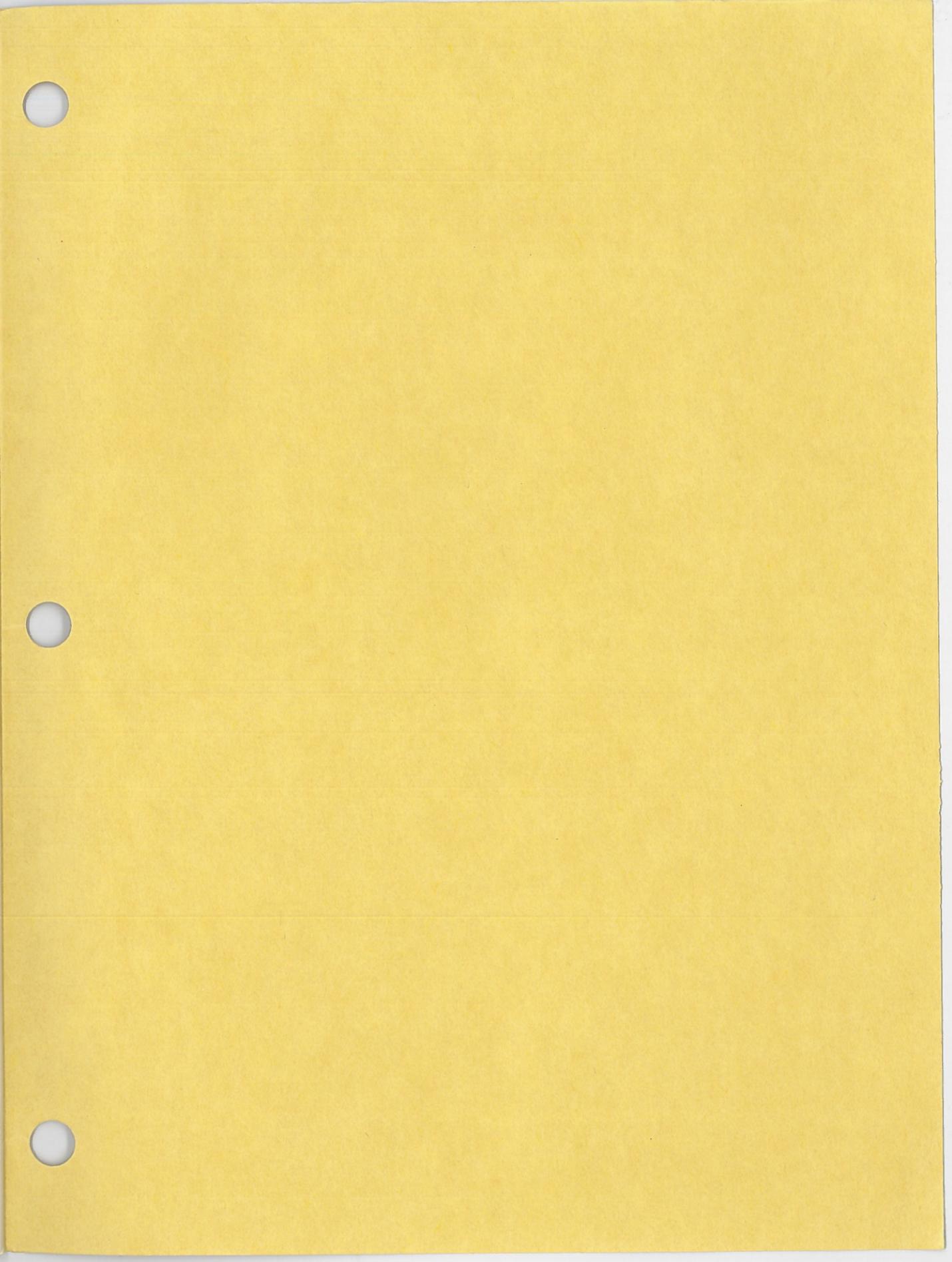
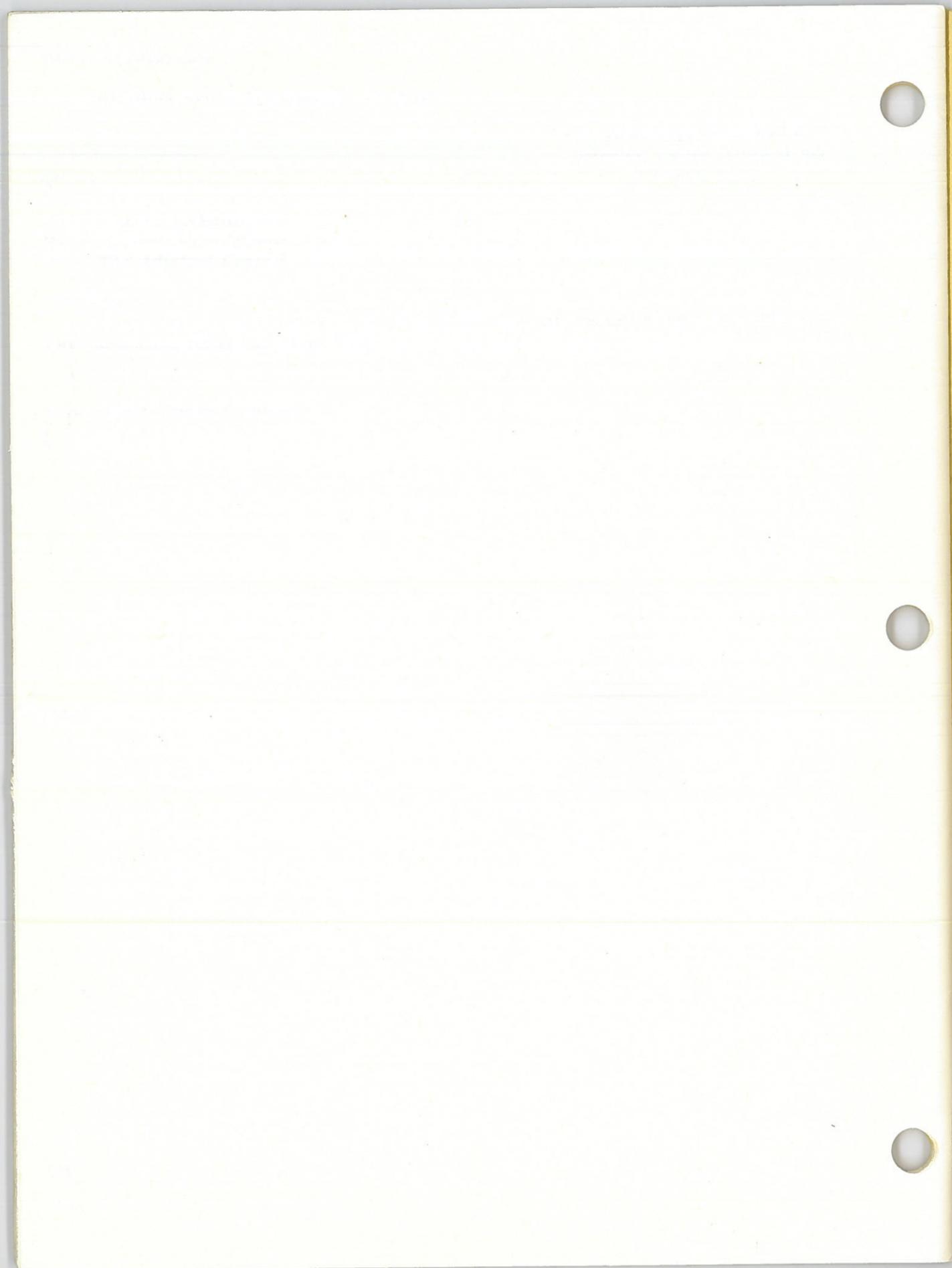
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