DEPARTMENT OF THE ARMY SUPPLY BULLETIN

STORAGE SERVICEABILITY STANDARDS FOR AMCCOM MATERIEL

ARTILLERY

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***This bulletin supersedes SB 740-95-100, 22 December 1987, SB 740-95-201, 05 August 1969, portions of SB 740-95-700, 14 September 1987 which pertain to the major weapons of this bulletin; SB 740-95-800, 23 February 1982; and SB 740-95-801, 12 August 1982 including all changes**

CHAPTER 1
INTRODUCTION

1-1. Purpose.
This supply bulletin specifies the required inspection instructions for determining the serviceability of the subject items m storage

1-2. Scope.
The provisions of this bulletin are mandatory for conducting all types of surveillance inspection, as identified m this bulletin The provisions are applicable only to the Department of the Army depots.

1-3. Definitions.

a Commonly Used Quality Assurance Terms Refer to MIL-STD-109 for definitions of these terms.

b Specialized Terms The following definitions are listed in alphabetical order by major heading. They apply to specialized terms used in this bulletin.

(1) Codes Numbers and letters used for brevity.

(a) Inspection Frequency Code (IFC) A numeric code assigned to indicate the frequency of cyclical inspection performed on material in storage The numeric codes and definitions are listed in paragraph 2-6e.

(b) Quality Defect Code (QUAL DEF CODE) A three-digit numeric code assigned to indicate the category of a given defect and to identify, by explanation, that particular defect The coding system and definitions are enumerated in paragraph 2-6a

(c) Shelf-Life Code (SLC) A code assigned to a shelf-life item The code identifies a period of time that starts with the date of manufacture or assembly and ends when the item must be issued or be subjected to inspection, test, restoration, or to disposal action (AR 700-89). The codes and associated times are listed In paragraph *2-6d.*

(d) Test Required Code (TRC) A three-digit numeric-alpha code used m appendix A to indicate an examination is required (QUAL DEF CODES) and/or additional inspection requirements. The code meanings are m paragraph *2-6f.*

(2) Corrosion, Metals See paragraph *2-6a(3)(j).*

Stage I (Defect Code 90) Discoloration or staining with no pitting, etching, or other surface damage.

Stage II (Defect Code 91) Red, brown, green, black, or white corrosion product accompanied by minor etching or minor surface pitting Scale or rust adheres to the surface

Stage III (Defect Code 92) Red, brown, green, black, or white corrosion product with major etching, pitting, or more extensive surface deterioration. Corrosion products are loose and granular. Form, fit, or function of an item may be slightly affected.

Stage IV (Defect Code 93) Red, brown, green, black, or white corrosion product which affects form, fit, or function of an item The surface of the item is powdery or scaly with pits or Irregular areas of removed material.

(3) Defect Number A three-digit number assigned to a particular defect in a defect table It Identifies the defect and the severity of the defect The defect designated by a number is not unique (such as in Quality Defect Code para *1-3b(1)(b)* above) but is redefined in each table where the number is used, although the definition may be similar to a Quality Defect Code definition. Sequential numbers starting with 0 (OXX) are critical defects, sequential numbers starting with 1 (1XX) are major defects, and sequential numbers starting with 2 (2XX) are minor defects.

(4) Deterioration A change in an item's characteristics that adversely affects the item's ability to function as intended. See paragraph 2-6a(3)(7).

(a) Deterioration, synthetic polymeric items Molded organic compounds: plastics and elastomers

Stage I (Defect Code 94A). Fungus damage, color change, or distortion.

Stage II (Defect Code 94B) Sticky surface, craze cracks, dissolved paint, or small cracks

Stage III (Defect Code 94C) Liquified, cracked, crumbled (brittle), or fractured (broken) material which affects form, fit, or function.

(b) Deterioration, natural organic items Nonmolded organic components: cloth, leather, hair, fur, felt, paper, cork, cardboard, wood, etc.

Stage I (Defect Code 95A) Mold, fungus damage, or color change

Stage II (Defect Code 95B) Shredding, warping, shrinkage, distortion, embrittlement, small separations (cracks or tears), or slight swelling.

Stage III (Defect Code 95C) Gross swelling, water saturation, rot, insect infestation, brittle disintegration, or large or complete separations (cracks or tears) which affect form, fit, or function.

(c) Deterioration, inorganic vitreous items Glass, ceramic, solid carbon, etc

Stage I (Defect Code 96A) Small or craze cracks.

Stage II (Defect Code 96B) Spalling (chipped) or fractures (broken item, major cracks, or splits) which affect form, fit, or function

(5) Inspection (Type of).

(a) Cyclical Inspection (CI) An inspection of depot stored materiel to determine the serviceability of this materiel at the end of a specific storage time Interval or cycle. The inspection cycle is specified by

the Inspection Frequency Code (IFC) determined in appendix B (See para 2-6e).

(b) Initial Receipt Inspection (IRI) An inspection of newly manufactured materiel received directly from a vendor, manufacturer, or government activity to determine if the Item's unit packing, packing, or preservation have been damaged in transit and if the preservation, unit packing, packing, and marking are correct This inspection shall not be used for an acceptance-type inspection

(c) Pre-Issue Inspection (PII) The inspection immediately preceding issue.

(d) Prestorage Inspection (PSI) An inspection of materiel received from other depots, posts, camps, stations, or overseas within CONUS to determine receipt condition and the current serviceability of the materiel prior to the storage in a depot.

(e) Special Inspection (SPI) An inspection requested by higher headquarters or for satisfying local installation requirements.

(f) Unit Basis Inspection (UBI) An inspection where each unit in the lot is inspected for a specific defect The unit basis method is also used for serially-numbered major end items when each item is inspected.

(6) Lots.

(a) Depot lot A combination of lots, irrespective of manufacturer or age, of the same kind and type of material grouped into one large single lot for the purpose of economy in surveillance.

(b) Grand lot All lots of the same kind and type of materiel from one manufacturer or reconditioning agency grouped into one large lot for the purpose of economy m surveillance.

(c) Manufacturer's lot A quantity of one item of materiel manufactured or assembled in one plant, from raw materials or components having the same chemical and physical characteristics, under uniform conditions for homogeneity m accordance with the applicable specifications and drawings including renovated, reworked, and reconditioned lots.

(d) Miscellaneous lot A combination of a single manufacturer's small lots or lot fragments possessing the same technical history.

(e) Mixed lot A combination of the same kind and type of materiel wherein identification of the manufacturer, the lot number, or the time of manufacture Is incomplete or cannot be determined.

(7) Occurrence basis An inspection, without a predetermined time frame, that is performed as the need occurs, e.g, initial receipt inspection (IRI) is performed when the shipment arrives

(8) Serviceable The condition of an Item that has been determined by inspection to be satisfactory and safe for its intended use.

(9) Shelf-life Item An item of supply possessing deteriorative or unstable characteristics to the degree that a storage time period must be assigned to assure that it will perform satisfactorily in service The two types of shelf-life items defined by AR 700-89 are -

(a) Type I shelf-life item An item of supply that is determined, through an evaluation of technical test data or actual experience, to have a definite non-extendable shelf-life.

(b) Type II shelf-life item An item of supply having an assigned shelf-life, where the shelf-life may be extended after the completion of a prescribed inspection, test, or restorative action.

(10) *Storage Serviceability Standards (SSS)* Technical documents containing the required inspection instructions for determining serviceability of materiel in storage.

(11) *Unserviceable* An item's condition that has been determined by inspection to be unsatisfactory or unsafe for Its intended use.

(12) *Qualified Inspector* An individual who has been certified as a qualified inspector by a Department of the Army depot.

CHAPTER 2

STORAGE AND SPECIAL INSTRUCTIONS

2-1. References.
The following publications are applicable to this bulletin:

AMC-R 702-33	Reporting, Process-mg, and Resolving Quality Deficiencies Within AMC
AR 310-25	Dictionary of United States Army Terms
AR 380-5	Department of the Army Information Security Program
AR 700-15	Packaging of Material
AR 700-64	Radioactive Commodities in the DOD Supply Systems
AR 700-82	Joint Regulation Governing the Use and Application of Uniform Source, Maintenance, and Recoverability Codes
AR 700-89	Identification, Control, and Utilization of Shelf-Life Items
AR 702-7-1	Reporting of Product Quality Deficiencies Within the US Army
AR 708-1	Cataloging and Supply Management Data
AR 725-50	Requisitioning, Receipt, and Issue System
AR 735-11-2	Reporting of Item and Packaging Discrepancies
AR 740-1	Storage and Supply Activity Operations
AR 740-3	Care of Supplies in Storage (COSIS)
AR 746-1	Packaging of Army Materiel for Shipment and Storage
AR 750-25	Army Test, Measurement, and Diagnostic Equipment Calibration and Repair Support Program
DA PAM 738-750	The Army Maintenance Management System (TAMMS)
DARCOM-R 702-7	Logistics Product Assurance
DARCOM-R 702-23	Storage Serviceability Standards
DARCOM-R 702-24	Materiel Deterioration Prevention and Control
DARCOM-R 740-19	Depot Stock Location Systems
DARCOM-R 740-26	Preservation and Packing for Storage
DOD Manual 4140 27-M	Shelf-Life Item Management Manual
MIL-HDBK-53-1A	Guide for Attribute Lot Sampling Inspection and MIL-STD-105
MIL-STD-105	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-109	Quality Assurance, Terms and Definitions
MIL-STD-129	Marking for Shipment and Storage
MIL-STD-1190	Minimum Guidelines for Level C Packaging, Packmg, and Marking

TB 9-1000-234-30	Exercising of Recoil Mechanisms and Equilbrators
TB 9-1000-247-34	Standards for Overseas Shipment or Domestic Use of Small Arms, Aircraft Armament, Towed Howitzers, Mortars, Recoilless Rifles, Rocket Launchers, and Associated Fire Control Equipment
TB 43-0197	Instructions for Safe Handling, Maintenance, Storage, and Disposal of Radioactive Items Managed by US Army Armament Materiel Readiness Command
TB 750-25	Army Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Repair Support Program
TM 743-200-1	Storage and Materials Handling

NOTE

Additional references applicable to a given group of subject items are cited, if needed, in the TRC appendix for that group of Items.

2-2. Safety.

During surveillance and normal handling (TM 743-200-1) of the subject items, inspection personnel shall observe the safety precautions prescribed for the operations personnel in Standing Operating Procedures (SOPs), applicable technical manuals, and applicable appendixes of this bulletin.

2-3. Lotting.

a Type of Lotting Permitted Applicable TRC appendixes of this bulletin specify the type of lotting permitted by surveillance directives for conducting surveillance of the subject items.

b Depot lot A depot lot is formed by combining lots regardless of manufacturer or age into a large single lot. Actual formation Is a paper transaction, regrouping and marking of the materiel in storage is not required A depot lot cannot be declared unserviceable When, through surveillance, a lot within a depot lot appears unserviceable, the lot or lots shall be withdrawn and additional samples shall be taken by the sampling plan provided in this bulletin If the suspect lot within the depot lot is found serviceable, it shall remain within the depot lot If the suspect lot is found unserviceable, the lot shall be withdrawn for rework or disposal in accordance with the existing regulations. When 20 percent of the lots within the depot lot have become unserviceable, the depot lot shall be dissolved and the individual lots therein tested on a lot-by-lot basis A depot lot shall meet the following criteria.

(1) Kind, type, and model All items shall be the same kind, type, and model.

(2) Storage All items shall be stored under similar conditions at the same depot.

(3) Serviceability status All lots shall possess the same serviceability status, i.e., serviceability known (all lots shall have the same condition code based upon an acceptance inspection of new materiel or prior surveillance) or serviceability unknown.

c Grand lot A grand lot is formed by combining all lots from one manufacturer into a large single lot. Actual formation is a paper transaction, regrouping and marking of the materiel in storage is not required A grand lot shall not be declared unserviceable When, through surveillance, a lot within the grand lot appears unserviceable, the lot or lots shall be withdrawn and additional samples shall be taken by the sampling plan provided m this bulletin. If the suspect lot within the grand lot Is found serviceable, it shall remain within the grand lot. If the suspect lot is found unserviceable, the lot shall be withdrawn for rework or disposal m accordance with existing regulations When 20 percent of the lots within the grand lot have become unserviceable, the grand lot shall be dissolved and the individual lots shall be tested on a lot-by-lot basis A grand lot shall meet the following criteria:

(1) Kind, type, and model All lots shall be the same kind, type, and model.

(2) Manufacturer All lots shall be the product of the same manufacturer or reconditioning agency.

(3) Preservation, unit packing, packing and marking All lots shall have the same type preservation, unit packing, packing, and marking.

(4) Storage All lots shall be stored under sunilar conditions at the same depot.

(5) Serviceability status All lots shall possess the same serviceability status, i e., serviceability known (all lots shall have the same condition code based upon an acceptance inspection of new materiel or prior surveillance) or serviceability unknown.

d. Manufacturer's lot A manufacturer's lot consists of items manufactured or assembled by one manufacturer or reconditioning activity that bear the same manufacturer's or reconditioning agency's lot identification number The manufacturer's lot shall meet the following criteria:

(1) Preservation, unit packing, packing, and marking All items shall have the same type preservation, unit packing, packing and marking.

(2) Storage All items shall be stored under similar conditions at the same depot.

(3) Serviceability status All Items shall possess the same serviceability status, i.e., serviceability known (all items shall have the same condition code based upon an acceptance inspection of new materiel or prior surveillance) or serviceability unknown.

e. Miscellaneous lot A miscellaneous lot is formed by combining a single manufacturer's small lots or lot fragments into one lot. The size of miscellaneous lots is restricted by the applicable appendix of this bulletin. Actual formation of the lot is a paper transaction; regrouping and marking of the materiel is not required A miscellaneous lot may be declared unserviceable. The miscellaneous lot shall meet the following criteria:

(1) *Kind, type, and model.* All items shall be the same kind, type, and model

(2) Manufacturer. Each small lot or lot fragment shall be the product of the same manufacturer or reconditioning agency.

(3) Preservation, unit packing, packing, and marking. All items shall have the same preservation, unit packing, packing and marking

(4) Storage. All items shall be stored under similar conditions at the same depot.

(5) Serviceability status. All items shall possess the same serviceability status, i.e., serviceability known (all items shall have the same condition code based upon an acceptance inspection of new materiel or prior surveillance or serviceability unknown

f. Mixed lot. A mixed lot is formed by combining all items with incomplete identification into one lot The size of the mixed lot is restricted by the applicable appendix of this bulletin. Actual formation of the lot is a paper transaction, regrouping and marking of the materiel is not required. A mixed lot may be declared unserviceable. A mixed lot shall meet the following criteria:

(1) Kind, type, and model. All items shall be the same kind, type, and model.

(2) Preservation, unit packing, packing, and marking. All items shall have the same type preservation, unit pack, packing and marking.

(3) Storage. All items stored under similar conditions at the same depot.

2-4. Sampling.

Sampling for subject items shall be performed in accordance with this paragraph and the instructions provided in the applicable appendixes of this bulletin. In some instances, special sampling may be required for an item within a group due to the configuration, short shelf-life, or past quality history of the item.

a. Initial Receipt Inspection (IRI)- Sampling shall be conducted in accordance with this paragraph and MIL-STD-105, General Inspection Level II, Table II-A, an AQL of 4.0 percent for Major Defectives, and an AQL of 6 5 percent for Minor Defectives.

b. Prestorage Inspection (PSI) Sampling shall be conducted by this paragraph when the serviceability is known, using MIL-STD-105, General Inspection Level II, Table II-A, an AQL of 4 0 percent for Major Defectives, and an AQL of 6 5 percent for Minor Defectives. All field returned items coded A or B and items having an unknown serviceability shall be 100 percent inspected

c. Cyclical Inspection (CI) Sampling shall be conducted by this paragraph and MIL-STD-105 using the Inspection Level and AQL specified in appendix A or the sampling instructions provided in the applicable appendix (TRC) of this bulletin for the item being sampled In some instances, special sampling may be required for an item within a group due to the configuration, short shelf-life, or past history of the item.

d. Pre-Issue Inspection (PII) Sampling, if required, (see para 2-5d(2)), shall be conducted by paragraph c above.

e. Selection of samples.

(1) All portions of the lot shall be located .for sampling

(2) Every reasonable effort shall be made to obtain a random sample If each position or location in a container, pallet, stack, or warehouse is assigned its own unique number, Table A: Table of Random Numbers m MIL-HNBK-53-1A, or an equivalent, can be used to select the sample units to be inspected When proper random sampling is impossible, the reason which prevents random sampling shall be recorded in Block 35 of DD Form 1225, Storage Quality Control Report. See paragraph 2-9a(1)(q).

(3) A representative sample shall be chosen from depot lots, grand lots, or miscellaneous lots For example, if a manufacturer's lot is one-third of the total lot, then select one-third of the lot sample at random from that manufacturer's lot.

f. Sample Disposition.

(1) All samples that have been inspected, packed, and resealed in barrier material shall be identified as respected in the inspection records.

(2) The barrier material shall be resealed using the instructions furnished with the material, printed on the material, or furnished with the sealing iron.

(3) The serviceable samples shall be returned to storage with the parent lot.

(4) The samples with critical or major defects or samples that cannot be returned to the original package configuration shall be segregated and reported m Block *35* of DD Form 1225, Storage Quality Control Report See paragraph *2-9a(1)(q)*

2-5. Inspection.

All inspections and tests shall be conducted under the control of a qualified inspector (see para *1-3b(12)).* The inspections and tests normally will be conducted at the surveillance inspection area, however, when authorized, examinations or tests may be performed at the storage site or elsewhere, but they must be in accordance with all safety and security requirements.

a Initial Receipt Inspection (IRI)

(1) Frequency The inspection shall be performed on an occurrence basis (see para 1-3b(7))

(2) Classification of defects The incoming materiel shall be inspected for the defects in Table 2-1

Table 2-1. Initial Receipt Inspection (IRI) or Prestorage Inspection (PSI)

Category	Defect Number	Number	Inspection Method
Critical Major		None defined	
	101	Item damaged, incomplete, or improperly documented.	Visual
	102	Preservation, unit packing. or packing damaged or deteriorated so that adequate protection is no longer provided to the Item or handling and storing would be adversely affected	Visual
	103	Item unit packing, or packing contaminated, wet, or mildewed due to adverse shipping conditions.	Visual
	104	Preservation, unit packing. packing. or marking incorrect.	Visual
Minor	201	Slight damage to preservation. unit packing, or packing but not affecting the protection.	Visual

(3) Reporting DD Form 1225 shall be used in accordance with paragraph 2-9. Failure data and discrepancies shall also be reported on SF 368, (Product Quality Deficiency Report) m accordance with AR 702-7-1. Preservation, packaging, packing, and related marking deficiencies and shipping-type discrepancies e g overages, shortages, expired shelf life and incorrect items shall also be reported on SF 364, Report of Discrepancy, m accordance with AR 735-11-2

b. Prestorage Inspection (PSI)

(1) Frequency This inspection shall be performed on all items m which the original package was opened and/or the item had been used since the IRI.

(2) Examination and test All lots shall be examined for receipt condition using Table 2-1. All field returned items coded A or B and items having an unknown serviceability shall be inspected 100 percent for the defects m appendix A and any applicable appendix (TRC) of this bulletin.

(3) Reporting DD Form 1225 shall be used m accordance with paragraph 2-9.

c. Cyclical Inspection (CI)

(1) Frequency This inspection shall be performed at the frequency determined by using appendix B (see para 2-6e).

(2) Examination and test The item shall be examined and tested for the defects m appendix A and any applicable appendix (TRC) of this bulletin.

(3) Evaluation and reporting. Evaluations and reports shall be in accordance with paragraphs 2-7 and *2-9.

d. Pre-Issue Inspection (PII)

(1) Frequency This inspection shall be performed just before shipment of the item.

(2) Examination and test. If the item is to be shipped OCONUS and 1 year or less is remaining before the next scheduled inspection (defined by the IFC) or the items are to be shipped to CONUS and 6 months or less is remaining before the next scheduled inspection, or a problem is suspected to exist, or the cyclical period has been exceeded, or the date of the last surveillance inspection is unknown, the item shall be completely inspected for the defects in appendix A and any applicable appendix (TRC) of this bulletin. Otherwise, the item shall be only visually examined for the defects in appendix A and any applicable appendix (TRC).

(3) Evaluation and reporting. Evaluations and reports shall be m accordance with paragraphs 2-7 and *2-9.

e. Special Inspection (SI) This inspection shall be made if requested by higher headquarters or to satisfy local installation requirements. This inspection may also be performed to determine the economic advisability of conducting further inspection (screening) on unsegregated items, returns from overseas, or used items that have not been reconditioned. Reports prepared for local use are authorized Reporting m accordance with paragraph 2-9, is not required for this inspection except when requested by higher headquarters.

2-6. Coded Standards.

Explanations of the codes In appendix A are provided as follows:

a Quality Defect Code (QUAL DEF CODE) The codes are based on the definitions given in appendix A of DARCOM-R 702-7, and are given as three digit numbers The codes identify deterioration or damage. Any unusual circumstances, not contained in the tabulation, but observed, shall be reported. The first digit Identifies the severity of the defect. The second digit Identifies one of the named general groups. The third digit Identifies the actual defect within one of the named general groups. *Example:* Using the meanings and explanations given below, Code 113 indicates, 1 - major, 1 - unit packing group, and 3 - container damaged or deteriorated.

(1) Serverity (first digit)

Quality Defect Code	*Category*
0	Critical
1	Major
2	Minor

(2) General groups (second digit)

Quality Defect Code	*Name*
0	Cleaning. preservation, painting, plating, or other processing.
1	Unit packing.
2	Packing, unitizing, and outloading.
3	Marking and labeling.
4	Materiel deficiencies.
5	Materiel deficiencies (continued).
6	Functional certification or performance test.
7	Document recording or routing deficiencies.
8	Storage deficiencies.
9	Miscellaneous.

(3) *General groups and defects (second and third digits)*

(a) Group 0 (cleaning, preservation, painting, plating, or other processing).

Quality Defect Code	*Explanation*
00	Appearance (paint runs, overspray, not uniform, or substandard).
01	Cleaning improper or inadequate.
02	Preservation improper or inadequate.
03	Wrapping improper or inadequate.
04	Protection afforded not compatible with mode of shipment, type of storage, destination, or other environment.
05	Inadequate coverage or improper thickness.
06	Improper and inadequate preparation.
07	Wrong type. method, or color.
08	Drying improper or inadequate
09	Reserved for future use.

(b) Group 1 (unit packing)

Quality Defect Code	*Explanation*
10	No protection applied.
11	Sealing defective (bags or containers).
12	Failed pressure retention, leak, or other test
13	Container damaged or deteriorated
14	Protection not compatible with mode of shipment type of shipment, destination, or other environment
15	Wrong level applied
16	Containers or other packaging materials do not meet specifications (e g, size, type, class or style)
17	Wrong quantity per unit pack (Chargeable as one defect per unit pack Major defect. If shortage-minor defect, if overage)
18	Reserved for future use
19	Reserved for future use

(c) Group 2 (packing, unitizing and outloading).

Quality Defect Code	*Explanation*
20	Improper loading blocking. bracing tiedown, etc.
21	Stapling nailing. strapping, or banding improper or inadequate.
22	Excessive weight or cube for containers.
23	Containers, boxes. crates, or pallets damaged or deteriorated.
24	Intermediate or exterior container protection not compatible with mode of shipment, type of storage, destination, or other environment.
25	Wrong level applied.
26	Containers, boxes. crates, or pallets do not meet specifications.
27	Wrong quantity per intermediate or exterior container (Chargeable as one defect per container Major defect, If shortage - minor defect, if overage.)
28	Reserved for future use.
29	Reserved for future use.

(d) Group 3 (marking and labeling)

Quality Defect Code	*Explanation*
30	Unit packing and packing (UPIP) level markings omit ted illegible or incorrect
31	Labels omitted, illegible, or incorrect.

32	Special markings omitted. illegible, or incorrect.
33	Description or identification marking omitted, illegible, or incorrect (e g, stock number, quantity, unit of issue, contract data. or condition code).
34	Address marking omitted, illegible, or incorrect.
35	Markings improperly located or wrong method of marking used.
36	Reserved for future use.
37	Reserved for future use.
38	Reserved for future use.
39	Reserved for future use.

(e) Group 4 (materiel deficiencies).

Quality Defect Code	*Explanation*
40	Parts, components, or controls loose, Improperly installed or assembled, out of adjustment, do not fit, or fail to function properly.
41	Damaged or defective item or parts (bent, broken, scratched, chipped, marred, cracked, warped, torn, stripped, crimped, burned, twisted, burned out, perforated, or pitted).
42	Does not meet specified tolerances or requirements (dimensional, finish, strength, torque, output, volume, color, stretch, size, illumination, or weight).
43	Parts or components missing
44	Wrong part or component found installed on end item or other assembly, or used to make up set or kit.
45	Leak (liquid) gasoline, diesel, oil, water, etc.
46	Leak (vapor) air or gas nitrogen, oxygen, hydrogen, etc.).
47	Modification work order incompleted, improperly applied, or missing.
48	Soldering, welding, brazing, metallizing, or bonding unsatisfactory.
49	Reserved for future use.

(f) Group 5 (materiel deficiencies - continued).

Quality Defect Code	*Explanation*
50	Contamination contains dirt, sludge, moisture, or other foreign matter)
51	Excessive moisture, fungus, mildew, rot, infestation, or weather cracks.
52	Item improperly classified
53	Test or research required to determine true condition classification (assigned code J or code K, per AR 725-50) (Chargeable as one minor defect per line item.)
54	Materiel marking mussing or incorrect (e g, serial number, data plate, piece mark, or cure date) (Chargeable as a minor defect if the correct item was shipped and a major defect if the wrong item was shipped.)
55	Shelf-life date exceeded.
56	Wrong item received or selected for shipment.
57	Lubrication improper or incomplete.
58	Improper identification.
59	Other.

(g) Group 6 (functional certification, or performance test).

Quality Defect Code	*Explanation*
60	Required test not accomplished.
61	Failed test requirements (hydraulic).
62	Failed test requirements (electrical or electronic).
63	Failed test requirements (environmental).
64	Failed test requirements (mechanical).
65	Failed test requirements (pressure).
66	Failed certification or laboratory test.
67	Excessive heat or noise during operational test.
68	Parts or components damage (caused by functional failure during end item or component test).
69	Failed test, see table of contents for the appropriate appendix for the specified test required code (TRC).

(h) Group 7 (document, recording, or routing deficiencies)

Quality Defect Code	*Explanation*
70	Wrong count (shortage). (Chargeable as one major defect per line item if value of quantity short is $200 or more and one minor defect if less than $200.)
71	Wrong count (overage) (Chargeable as one major defect per line item if value of quantity over is $200 or more and one minor defect if less than $200.)
72	Improper routing or process planning (Chargeable as one minor defect per line item.)
73	Mixed material (two or more stock numbers recorded

	under the same stock number). (Chargeable as one minor defect per line item.)
74	Historical records, including The Army Maintenance Management System, DA PAM 738-750, missing, incorrect, or incomplete.
75	Contract, specifications, receiving reports, or other required documents incorrect, incomplete, not available, or changes not with the contract. (Chargeable as one minor defect per line item.)
76	Contract, specifications or other required documents inadequate for inspection or acceptance purposes. (Chargeable as one minor defect per line item.)
77	Materiel not segregated (serviceable and unserviceable items intermingled). (Chargeable as one major defect per line item.)
78	Stock selection deficiency (first-in/first-out (FI/FO)). (Chargeable as one minor defect per line item.)
79	DA Form 2408-4 Weapon Record Data card, missing or showing equilibrators and recoil mechanism have not been exercised in accordance with TB 9-1000-234-30.

(1) Group 8 (storage deficiencies).

Quality Defect Code	*Explanation*
80	Improper or inadequate stacking or storing. (Chargeable as one minor defect per line item.)
81	Facility deficiencies: roof leaking, grid markings incorrect, equipment deficiencies, etc. (Chargeable as one minor defect per line item.)
82	Improper pallet count or quantities in location-inventory defects. (Chargeable as one minor defect per line item.)
83	Improper marking or placarding. (Chargeable as one minor defect per line item.)
84	Materiel mislocated. (Chargeable as one major defect per line item.)
85	Handling deficiencies (storage). (Chargeable as one minor defect per line item.)
86	Improper storage space. (Chargeable as one major defect per line item.)
87	Reserved for future use.
88	Reserved for future use.
89	Reserved for future use.

(j) Group 9 (miscellaneous)

Quality Defect Code	*Explanation* (See paras 1-3b(2} and (4))
90	Corrosion, metals, stage I
91	Corrosion, metals, stage II
92	Corrosion, metals, stage III
93	Corrosion, metals, stage VI
94	Deterioration, synthetic polymeric items (plastics and elastomers)
94A	Deterioration, stage I
94B	Deterioration, stage II
94C	Deterioration, stage III
95	Deterioration, natural organic items (cloth, leather, hair fur, felt, paper, cork, cardboard, wood, etc)
95A	Deterioration, stage I
95B	Deterioration, stage II
95C	Deterioration, stage III
96	Deterioration, inorganic vitreous items (glass, ceramic, solid carbon, etc)
96A	Deterioration, stage I
96B	Deterioration, stage II
97	Reserved for future use
98	Reserved for future use
99	Reserved for future use

Note: These defect codes relate to the deterioration defined in paragraph 1-3b(4)(Definitions) and are required for evaluation of AMCCOM materiel using this supply bulletin Since the codes are not included in AR 740-3, they are not needed for reporting under ADP systems, i e, SPEEDEX.

b. Inspection Level (IL) Inspection levels have been selected from MIL-STD-105 to provide the smallest possible sample size consistent with quality requirements. Inspection level codes are as follows

General Levels	*Special Levels*
G1 (I m MIL-STD-105)	S1
G2 (II m MIL-STD-105)	S2
G3 (III m MIL-STD-105)	S3
	S4

c. Acceptable Quality Level (AQL) Acceptable quality levels have been selected from MIL-STD-105 to ensure that serviceable equipment is provided to the users Separate AQLs are provided for major and minor defects

d. Shelf-Life Codes (SLC) The codes shown in appendix A were assigned by the developers of the item Shelf-life codes for Type I (non-extendable) and Type II (extendable) shelf-life items are defined by AR 700-89

Shelf Life	*Type I*	*Type II*
Non-deteriorative	0	0
1 month	A	-
2 months	B	-
3 months	C	1
4 months	D	-
5 months	E	-
6 months	F	2
9 months	G	3
12 months	H	4
15 months	J	-

18 months	K	5
21 months	L	-
24 months	M	6
27 months	N	-
30 months	P	-
36 months	Q	7
48 months	R	8
60 months	S	9

NOTE

When the shelf life code (SLC) is different from that shown m the Army Master Data File (AMDF), the SLC in the AMDF shall be used

NOTE

Military essential and medical items with a shelf life of greater than 60 months (5 years) are assigned shelf-life code X.

e. Inspection Frequency Codes (IFC) A numeric code assigned to indicate the frequency of cyclical inspection during storage. See paragraph 2-6i for additional information on IFC. These codes are listed below:

Code	*Frequency (months)*
1	*6*
2	12
3	24
4	30
5	60

f. Test Required Codes (TRC).

(1) Most uncomplicated items require only a simple examination. For these items, the following codes apply:

Inspection	*TRC Code*
Dimensional	OOD
Functional	OOF
Hardness	OOH
Laboratory	OOL
Nondestructive	OON
Pressure	OOP
Tensile	OOT
Visual	OOV
Weight	OOW

(2) Items requiring a more detailed examination, are given unique codes. The table of contents of this bulletin lists appendixes corresponding to the unique codes. The item shall be inspected in accordance with the appendix corresponding to that code. The TRC is also given in the heading of each appendix and near the SB number on each page of the appendix.

g. Packing Codes (PC). An alphabetic code that represents the required level of protection. See paragraph 2-6i for additional information on PC. The codes are as follows.

Code	*Level of Protection*
A	Level A
B	Level B
C	Level C

NOTE

When the packing code (PC) is different from the LOP given in the packaging segment of the Army Master Data File (AMDF), the LOP m the AMDF shall be used.

h. Type Storage Codes (TSC) An alphabetic code assigned to an item to specify the recommended type of storage based upon the prescribed level of protection. See paragraph 2-6i for additional information on TSC. These codes are defined by AR 708-1.

Code	*Explanation*
A	Heated warehouse space (general purpose).
B	Unheated warehouse space (general purpose).
C	Controlled humidity warehouse space.
E	Chill space.
F	Freeze space.
G	Shed, nonwarehouse space.
Q	Hazardous commodity space (non-Class V item), e g, acids, compressed gasses, or radioactive).
U	Open space (materiel may be stored in open storage)
Y	Storage space for ammunition Items (Class V) covered by specific regulations elsewhere.

NOTE

When the type storage code (TSC) is different from the ITM TYP STO in the packaging segment of the AMDF, the ITM TYP STO shall be used.

i. Coded Standards Application The shelf-life code (SLC) and the inspection frequency code (IFC) are similar since both are used to determine the time between inspections. The SLC is assigned to items known to be deteriorative. The IFC applies to all items regardless of deteriorative characteristics. An item shall be inspected in accordance with both codes but without duplication. The IFC inspection requirements are satisfied when an SLC inspection is conducted If the SLC is zero, then the inspection shall be conducted to the IFC. The IFC shall be determined by using appendix B from the PC and TSC. If multiple PCs and TSCs are specified in appendix A, then the left hand PC applies to the left hand TSC, the center to the center, and the right hand to the right hand. If both the PC and TSC are blank, they were unavailable at publication time. Appendix B contains special instructions for determining the IFC under various conditions of storage. If the IFC in appendix A is different than the IFC determined by appendix B, then the more frequent inspection shall be used The packaging segment of the Army Master Data File (AMDF) should be checked periodically for changes to the PC and TSC The PC and TSC are given as LOP and ITM TYP STO respectively in the AMDF.

2-7. Evaluation.

a. Serviceability based on sampling inspection A lot shall be classified serviceable if it has no critical

defects and the number of major or minor defects does not exceed the number allowed in the sampling plan for the item.

b. Serviceability based on unit (100 percent) inspection. Each inspected item is serviceable if the following criteria are met:

(1) The item has no defects.

(2) The item meets all test requirements.

(3) The item has been modified to existing Modification Work Orders (MWOs).

c Special instructions. In addition to the evaluation criteria in paragraph 2-7, special criteria for certain items or groups of items are provided, when necessary, in the applicable appendixes of this bulletin.

d Procedure for rounding off. Numerical requirements, when stated, indicate the number of significant digits to be retained, i.e., the last figure or decimal place to be reported. The procedure given below shall be used for rounding off observed or calculated values.

(1) When the first digit dropped is less than 5, the preceding digit is not changed. When the first digit dropped is greater than 5, or 5 and some succeeding digit is not zero, the preceding digit is increased by 1 When the first digit dropped is 5, and there are no succeeding digits or all succeeding digits are zero, add 1 to the preceding digit if it is odd and leave it unchanged if it is even.

(2) Examples when rounding to two decimal places:

2 3142 = 2 31	The first digit dropped Is less than 5 - leave preceding digits unchanged regardless of any succeeding digits.
2 3249 = 2 32	
2 3150 = 2 32	The first digit dropped is exactly 5, or 5 followed by zeros - add 1 to the preceding digit if it is odd and leave it unchanged if it is even.
2 3250 = 2 32	
2 3152 = 2 32	The first digit dropped is 5 followed by other than zeros - add 1 to the preceding digit.
2 3252 = 2 33	
2 3160 = 2 32	The first digit dropped Is greater than 5 - add 1 to the preceding digit regardless of any succeeding digits.
2 3260 = 2 33	

e. Condition coding. After the serviceability inspection, lots or items shall be assigned appropriate condition codes in accordance with AR 725-50. The condition codes shall be entered in Block 29 of DD Form 1225.

2-8. Surveillance test and measuring equipment.

Availability and adequacy Availability and adequacy of all test and measuring equipment required to perform the examinations and tests required by this bulletin shall be determined by a qualified inspector. If test or measuring equipment is unavailable or inadequate, this shall be reported within 30 days to the Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN. AMSMC-QAG for weapon items or AMSMC-QAW for fire control items, Rock Island, IL 61299-6000.

b. Calibration. The test and measuring equipment shall be calibrated at prescribed intervals in accordance with the applicable technical bulletin, technical manual, or instruction manual If adequate calibration procedures are not included in these documents, the proper calibration procedure shall be requested from the organization responsible for the design or supply of the test equipment A calibration system for inspection measuring gages and test equipment shall be established in accordance with AR 750-25 The records and reports for the calibration of Army equipment are described in TB 750-25.

2-9. Reports and reporting.

The inspections and tests for this bulletin shall be reported in accordance with the following subparagraphs.

a. Forms

(1) Storage Quality Control Report (DD Form 1225, Dec 83) This form shall be used to record and report the results of all examinations and tests when conducting an initial receipt inspection, prestorage inspection, cyclical inspection (surveillance inspection), or pre-issue inspection.

NOTE

This form shall also be used for a special inspection when directed by higher head-quarters.

- Form Instructions -

(a) Block 1 Self-explanatory.

(b) Block 2 Enter the local report number.

(c) Blocks 3 and 4 Self-explanatory.

(d) Block 5 Enter the National Stock Number (NSN) of the item

(e) Block 6 Self-explanatory

(f) Block 7 Enter the complete standard nomenclature of the item

(g) Blocks 8-10 Self-explanatory.

(h) Block 11 Enter the complete manufacturer's lot number. When surveillance is authorized for a depot lot, miscellaneous lot, or grand lot, enter the lot number applicable to the type of lot, and complete DA Form 985 (Data Sheet for Grand Lots, Miscellaneous Lots, or Depot Lots) using the instructions m paragraph 2-9a(2)

(i) Blocks 12-15. Self-explanatory.

(j) Block 16 Enter the manufacturer or reconditioning agency. When more than one manufacturer is represented because of the nature of the lot enter N.A

(k) Blocks 17-24 Self-explanatory.

(l) Block 25 Enter the words "Major" and "Minor" with the corresponding AQLs given in

appendix A

(m) Blocks 26 and 27. Self-explanatory.

(n) Block 28. Enter this Storage Serviceability Standard bulletin number and the date of publication. Also, enter the latest change notice, If any, and the date of its publication.

(o) Blocks 2933 Self-explanatory.

(p) Block 34 Enter the letter of authority or directive for any performed special inspection not in accordance with this SB.

(q) *Block 35* In narrative form provide the following:

1. The actual storage location, which may not necessarily be the depot or storage activity having accountability.

2. The current and past type of storage, e.g., heated warehouse, unheated warehouse, shed, or open.

3. The type, date, and report number of the lest inspection.

4. The number of items (minus the sample size if the samples cannot be returned to the lot) remaining in the lot at the depot.

5. All applicable visual defects or defectives m tables similar to the below examples providing Appendix, Table Number, Quality Defect Code, Category, Defect Number, and number of Defects or Defectives. (Quality Defect Codes are given in appendix A Categories and Defect Numbers are given in classification of visual defects tables, if any, m TRC appendixes.)

***APPENDIX A**

Category	*Defect*	*Number of Defects*
Critical:	-	None
Major:	111	1
	121	2
	131	1
	132	1
Minor:	-	None

APPENDIX Y, TABLE Y-2

Category	*Defect*	*Number of Defects*
Critical:	-	None
Major:	107	1
	108	2
	109	1
Minor:	-	None

NOTE

The same defect shall not be listed twice When a defect is in the TRC appendix for an item and it is in appendix A, the number of defects shall be recorded under the classification and Defect Number of the TRC appendix for the item rather than under appendix A, e.g., "Snap on strap corroded," Is listed as a 107 defect m a TRC appendix, this defect shall be recorded only under the TRC appendix and not listed again as a code 111 defect under appendix A.

6. Any observation relevant to the condition of an item or to the actual inspection. Examples of observations are - different storage conditions of lot segments, unlisted defects, inspection equipment not available or calibration interval exceeded, and severity of defects Include a brief lot history when possible.

7. The meteorological conditions at the test area if they are relevant to the test.

8. All applicable defects or defectives determined by functional or other testing m a table consisting of each individual sample number vs each test characteristic, and number of defects or defectives which are critical, major, or minor If applicable, the outer packs of each individual sample shall be consecutively numbered, starting with "1" Indicate at tribute deficiencies with "x" at the intersection of the individual sample number and the test characteristic, or enter the actual test result. Enter the total number of defects or defectives for each category, i.e., critical, major, or minor observed for each sample number.

9. A total of all the defects or defectives for each category, i.e., critical, major, or minor for the visual and testing inspections.

10. Whether the lot passed or failed the visual and test inspection requirements provided in appendix A and the TRC appendixes.

11. Any additional information which may have effected the test results.

12. Any recommendations on lot disposal, e.g., screen or renovate.

(r) Blocks 36-40. Self-explanatory (2) *Data sheet for Grand Lots, Miscellaneous Lots, or Depot Lots (DA Form 985, 1 Jul 53).* This form shall be used by the depot or storage activity to record the formation of these lots.

- Form Instructions -

(a) Block 1 Enter the complete standard nomenclature and model number of the item. Enter the National Stock Number (NSN).

(b) Block 2 Enter the depot or storage activity where the items comprising the lot are stored.

(c) Block 3 Enter the type of storage.

(d) Block 4 State the previous serviceability of each lot composing the grand lot, miscellaneous lot, or depot lot.

(e) Block 5 Enter the method of preservation.

(f) Block 6 Not applicable.

(g) Column a. Enter the manufacturer or manufacturers of the individual lots forming the grand lot, miscellaneous lot, or depot lot.

(h) Column b. Enter the manufacturer's lot number for each of the individual lots.

(i) Column c. Enter the date of manufacture of each lot.

(j) Column d. Enter the lot size for the individual lots listed in column b Total the column values and enter the sum m the total block at the foot of the column.

(k) Column e. Record the number of samples selected for test from each lot listed in column b Total the column values and enter the sum in the total block at the foot of the column.

(l) Column f. Record the number of samples selected for visual examination from each lot listed in column b. Total the column values and enter the sum m the total block at the foot of the column.

(m) Columns g, h, and i. Not applicable.

(n) Remarks. Enter any pertinent information regarding formation of the lot or sampling procedure.

(o) Supplementing serviceability report number. The report number here shall correspond with that entered on DD Form 1225.

(p) Other blocks Self-explanatory.

(3) Product Quality Deficiency Report. (PQDR) (SF 368). This form shall be submitted in accordance with AR 702-7 when the initial receipt inspection reveals unsatisfactory new materiel from a manufacturer or unsatisfactorily renovated, repaired, or modified materiel from a depot/contractor.

(4) Report of Discrepancy (ROD) (SF 364). This form shall be submitted in accordance with AR 735-11-2 when initial receipt inspection reveals preservation, packaging, or shipping-type deficiencies or discrepancies from a manufacturer or depot/contractor.

(5) *Critical defects report.* When a critical defect is found, it shall be reported immediately via teletype or telephone to the Commander, U.S Army Armament, Munitions and Chemical Command, ATTN. AMSMC-QAG for weapon items or AMSMC-QAW for fire control items, Rock Island, IL 61299-6000 A DD Form 1225 in accordance with paragraph *2-9*a(1) on the critical defect shall be sent after the initial report to the same address

b Errors in reporting

(1) Only errors that affect the serviceability status of the materiel being evaluated shall be corrected. The corrections shall be made by replacing those specific pages affected by the error with "Corrected Copies".

(2) The inspection activity that initiated the erroneous report shall prepare and distribute the corrected pages required by (1) above. Each corrected page shall be marked "Corrected Copy" The corrected entries shall be circled to identify them *c Classified data* Unless specifically authorized by the U.S. Army Armament, Munitions and Chemical Command, Security Office, classified information shall not be placed on the materiel serviceability reports If classified information is submitted, it shall be placed on a separate sheet rather than the materiel serviceability report form and special codes shall be used as much as possible. The separate sheet shall be properly classified and transmitted AR 380-5 states that unnecessary classification or higher than necessary classification shall be avoided.

d Submission of reports. With the exception of reports used for "Special Inspection,' the original and two copies of all reports required by this bulletin shall be submitted to the Commander, US Army Armament, Munitions and Chemical Command, ATTN. AMSMC-QAG for weapon items or AMSMC-QAW for fire control items, Rock Island, IL 61299-6000.

2-10. Special instructions.

TRC cross-referencing The TRCs given for the items in appendix A can be found in paragraph *2-6f* or the TRC appendixes of this bulletin listed in the table of contents The additional inspection shall be in accordance with the TRC Any TRC not given in paragraph *2-6f* is also stated on the TRC appendix title page and near the SB number on each page of the TRC appendix.

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1015-00-073-2086	LEVER ASY, M31 HOW CARRIAGE	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	65	4.00	0	5	OOY	ABC	BBC
1015-00-073-2095	TUBE. M31 HOWITZER CARRIAGE	102 104 111 113 123 130 41 191 233 250 278 290	S3	65	4.00	0	5	OOV	ABC	BBC
1015-00-073-5367	RECOIL MECHANISM, 105MM. M37	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	250	4.00	0	5	OOV	AB	BB
1015-00-074-1951	ROD END, M31 HOW CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	C	C
1015-00-086-8164	HOWITZER, TOWED, 105MM, M102	102 104 133 140 141 143 145 146 148 151154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	AC	BC
1015-00-099-8248	RECOIL MECHANISM, M2A5	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	A	B
1015-00-099-8249	RECOIL MECHANISM, M2A4	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB
1015-00-110-4114	PIN ASSY, INSTAL-LATION KIT	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-316-0251	RECOIL MECHANISM, M37A1	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	A	B
1015-00-322-9728	HOWITZER, TOWED, 105MM, M101	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	AC	BC
1015.00-322-9752	HOWITZER, TD, 105MM, M101A1	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	A	B
1015-00-322-9770	HOWITZER, PACK, 75MM. M116	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	A	B
1015-00-336-8571	YOKE ASSY, FRONT, 105MM HRM	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-345-3869	PISTON/GASKET AS, 105MM HRM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
101500419-9549	VALVE, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-419-9550	SLEEVE ASY, M37 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-419-9551	END, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00419-9552	HOUSING, M37 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1015-00-419-9553	REGULATOR, M37 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-466-1982	SUPPORT ASSY, M31 CARRIAGE	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-469-6.653	INSERT, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-500-63.65	RACK. OIL INDEX, 105MM HRM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-501-5754	WIPER, 105MM RECOIL MECHAN	104 111 113 123 130 141 151 154 195B 195C 233 250 278 295A	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-501-5871	GUIDE. RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-515-7371	GLAND, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-523-0382	LINER. 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-525-1357	PLUG. RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-525-1362	FILTER, RECOIL MECHANISM	102 104 111 113 123 130 141 148 191 233 250 278 290.	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-600-6119	HOUSING, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-601-7789	HEAD. 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-610-4103	VALVE, FILLING, RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-610-4104	GUIDE, AIR VALVE, RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-614-4672	VALVE, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-619-5116	RESPIRATOR ASSY, 105MM HRM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-622-4806	VALVE ASSY, GUN/HOWITZER MT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-.653-19.65	CYLINDER, 105MM RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-.653-2031	RAIL, LEFT, 105MM RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-.653-2032	YOKE, REAR, 105MM RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-.653-2034	CYLINDER. 105MM RECOIL MEC	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-.653-2035	YOKE. 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-.653-2092	REG BODY, 105MM RECOIL MEC	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-.653-2093	RAIL, RIGHT. 105MM REC MECH	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-.653-9390	TUBE, 75MM HOWITZER CANNON	101 102 104 111 113 120 121 123 130 141 150 154 174 192 233 278 291	S2	2.50	4.00	0	5	OOV	A	B
1015-00-699-9766	HOWITZER, SALUTE. 75MM, M120	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	A	B
1015-00-711-0386	RETAINER/GASKET. RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-711-7194	HEAD/DOWELL ASY. 105MM RM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1015-00-711-7367	HOUSING/DOWELL AS, 105MM RM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-711-7370	DSIK/STOP, 105MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-711-7372	GLAND AS, 105MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-711-7378	GUARD/RING ASSY, 105MM HRM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-711-7379	GUARD/RING ASSY, 105MM HRM	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-711-7430	DIAPHRAGM ASSY, 105MM HRM	102 104 111 113 123 130 140 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-711-7433	HOUSING ASSEMBLY, 105MM RM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-712-3279	VALVE/HEAD, 105MM REC MECH	102 104 111 113 123 130 140 141143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-712-4186	RETAINER/ROD AS, 105MM HRM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-712-4189	HEAD ASY, 105MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-712-4191	GLAND ASY, 105MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-714-1822	RECOIL MECHANISM, 75MM, M1A6	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB
1015-00-714-7934	RECOIL MECHANISM, M2A2	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB
1015-00-714-7935	RECOIL MECHANISM, M2A3	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB
1015-00-714-7939	RAIL, RIGHT, 105MM REC MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-714-7940	RAIL, LEFT, 105MM RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-723-8480	CANNON, 75MM PACK HOW. M1A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AB	BB
1015-00-782-7208	CANNON, 105MM HOW, M2A2	101 102 104 111 113 120 121 123 130 140 141143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AB	BB
1015-00-900-4542	SPRING ASY, M37 RECOIL MECH	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-919-3444	LINK, M31 HOWITZER CARRIAGE	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-927-7287	ARM, M31 HOWITZER CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-927-9421	CANNON, 105MM HOW, M137A1	101 102 104 111 113 120 121 123 130 140 141143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AB	BB

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National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1015-00-927-9422	TUBE, M137A1 CANNON, 105MM	101 102 104 111 113 120 121 123 130 141 150 154 174 179 192 233 278 291	S2	2.50	4.00	0	5	OOV	AB	BB
1015-00-937-2982	PISTON ROD, M37 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-937-2983	CYLINDER, M37 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-937-2985	CYLINDER, M37 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-937-2986	YOKE AS, FRONT, M37 REC MECH	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-2989	YOKE, REAR, M37 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-2990	YOKE, CENTER, M37 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-2992	YOKE, M371M37A1 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-5682	INSERT, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-937-5687	RING, M37/M37A1 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-937-5688	INSERT ASY, M37 RECOIL MECH	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-5696	CAP, M37/M37A1 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-937-5699	BEARING ASY, M37 RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-5700	PISTON, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-937-5701	INSERT, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1015-00-937-5708	RING, M371M37A1 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-00-937-5709	HEAD. M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-5710	ROD, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-00-937-5719	RING, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1015-00-987-8603	RAIL/PLATE AS, M31 CARRIAGE	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1015-01-202-0239	WIRING HARNESS, TAIL LIGHT	102 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	5	2	OOV	AC	BC
1015-01-247-0581	CARRIAGE, HOWITZER, M1A2	102 104 133 140 141 143 146 148 151 154 157 174 180 192 194B 194C 250 278 291 294A	S2	2.50	4.00	0	5	OOV	A	B
1015-01-248-0859	HOWITZER, TOWED, 105MM, M119	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	A	B
1015-99-805-7759	SPIGOT. GUN CARRIAGE - M119	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	9	5	OOV	A	B
1015-99-960-7065	HOWITZER, TOWED. 105MM, L119	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	A	B

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National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1015-99-962-8910	COVER, RESERVOIR - M119 HOW	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1015-99-963-1307	SEAL, GUN CARRIAGE - M119 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
1015-99-963-2462	COLLAR, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
1015-99-963-3035	RECUPERATOR, RECOIL MECHAN	102 104 111 113 123 130 132 133 140 141 143 145 146 150 151 154 155 157 178 191 194B 194C 195B 195C 290 294A 295A	S3	.65	4.00	9	5	OOV	A	B
1015-99-963-3393	RESERVOIR, RECUPERATOR - M119	102 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	9	5	OOV	A	B
1015-99-964-1208	FIRING MECHANISM, GUN, L1A1	102 104 111 113 123 130 132 133 140 141143 148 150 151 154 155 157 178 191 194B 194C 290 294A	S3	.65	4.00	9	5	OOV	A	B
1015-99-964-2647	LATCH, CRADLE ASSEMBLY - M119	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	9	5	OOV	A	B
1015-99-964-3876	COMPENSATING TUBE ASSY, RH	102 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	9	5	OOV	AB	BB
1015-99-964-3951	COMPENSATING TUBE ASSY, LH	102 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	9	5	OOV	AB	BB
1025-00-050-8922	EQUILIBRATOR ASY, PNEUMATIC	102 104 111 113 123 130 140 141143 145 146 148 151 154 157 191 194B 194C 233 250 278 290 294A	S2	2.50	4.00	0	5	OOV	A	B
1025-00-071-0751	VALVE, PLATE, M127 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-071-0753	CYLINDER, BUFFER, M127 MOUNT	102 104 111 113 123 130 141 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-083-5780	BEARING, M178 HOW MOUNT	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S2	4.00	.650	0	5	OOV	A	B
1025-00-103-9402	PISTON, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1025-00-113-5636	CANNON, 175MM GUN, M113A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	A	B
1025-00-113-5637	TUBE ASY, M113 CAN-NON, 175MM	101 102 104 111 113 120 121 123 130 140 141 143 150 154 174 179 192 233 278 291	S2	2.50	4.00	0	5	OOV	AB	BB
1025-00-186-5078	REPLACEMENT KIT, SEAL - M109	104 111 113 123 130 132 133 141143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
1025-00-228-1624	ADAPTER, AC-CUMULATR, M127 MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-233-9051	TUBE, M185 CANNON, 155MM HOW	101 102 104 111 113 120 121 123 130 141 150 154 174 179 192 233 278 291	S2	2.50	4.00	0	5	OOV	A	B
1025-00-235-3467	ELBOW, M127 HOWITZER MOUNT	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB

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1025-00-247-7158	BAG/GAS VALVE ASY - M109 HOW	102 104 111 112 123 130 132 133 141 143 146 148 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
1025-00-322-9755	HOWITZER. TOWED, 155MM, M114	102 104 133 140 141 143 145 146 148 151154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	AC	BC
1025-00-322-9768	HOWITZER, TWD, 155MM, M114A1	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	A	B
1025-00-345-8052	FOLLOWER, FRONT, M178 HOW MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-345-8053	ORIFICE. OUTER. M178 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-432-7268	CANNON. 155MM HOWITZER, M185	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AB	BB
1025-00-439-6486	RING. REPLENISHER, M178 MNT	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-439-6487	ADAPTER, RE-PLENISHR, M178 MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-439-6523	FOLLOWER. CAM, M127 MOUNT	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-439-6541	LEVER ASSY CAM, M178 HOW MT	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1025-00-448-4220	PAD, REPLENISHER ACCUMULATR	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1025-00-475-1281	PARTS KIT, REG/POWER VALVES	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
1025.00-481-2902	SHELL. CYLINDER, M174 GUN MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-500-6477	WIPER, 155MM RECOIL MECHAN	104 111 113 123 130 141 151 154 195B 195C 233 250 278 295A	S3	.65	4.00	0	5	OOV	AC	BC
1025.00.501-9523	WIPER. RECOIL MECHANISM	104 111 113 123 130 141 151 154 195B 195C 233 250 278 295A	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-508-0785	CANNON, 155MM HOWITZER. M1A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AB	BB
1025-00-517-4952	WIPER, 155MM RECOIL MECHAN	104 111 113 123 130 141 151 154 194B 194C 195B 195C 233 250 278 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-517-4988	SEAT, 155MM HOWITZER	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-519-1961	PLUG ASSY. RECOIL MECHANISM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC

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1025-00-519-4332	PLUG ASSY, RECOIL MECHANISM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-557-3266	BRACKET, 155MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-557-3906	BODY ASY, 155MM RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-557-6314	GUIDE AS, 155MM RECOIL MEC	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-610-4966	HEAD, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-610-4967	HEAD, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-610-4976	SUPPORT, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-615-5402	HOUSING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-616-7049	WIPER, 155MM RECOIL MECHAN	104 111 113 123 130 141 151 154 194B 194C 195B 195C 233 250 278 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-616-7202	SHAFT. 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-Q0-616-7275	SECTOR, 155MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-616-8252	BODY, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-616-8276	LINER, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-616-8280	HEAD, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-616-8284	RING, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-616-8526	STOP, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-616-9779	BODY, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-617-0979	ROD, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-617-0980	VALVE, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-617-0997	LINER, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-618-1485	CUP RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-618-1546	CUP RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-618-1575	CUP RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-619-2628	INDEX, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-633-4930	BAG & GAS VALVE ASSEMBLY	102 104 111 113 123 130 132 133 141143 151154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
1025-00-633-4931	POPPET/PLUG ASY, M178 MOUNT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-633-4932	POPPET, M178 HOWITZER MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	C	C
1025-00-653-7429	CYLINDER, 155MM RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	'0	5	OOV	A	B

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National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1025-00-653-7430	CYLINDER, 155MM RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-653-7431	CYLINDER, 155MM RECOIL MEC	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-653-7536	HOUSING AS, 155MM REC MECH	102 104 111 113 123 130140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-710-9150	HOUSING/BUSHING, 155MM HRM	102 104 111 113 123 130 140 141 143 148 151 154 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B
1025-00-710-9151	CRADLE ASY, 155MM REC MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1025-00-710-9152	GLAND/PIN ASY, 155MM RM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-710-9159	YOKE AS, 155MM RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
1025-00-711-1685	RETAINER/GASKET, RECOIL MEC	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-711-7324	HOUSING/PIN ASY, M174 MOUNT	102 104 111 113 123 130 140 141143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-711-7325	HOUSING/DOWELL, RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-711-7326	VALVE ASY, RECOIL MECHANISM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-711-7396	ROD ASY, 155MM RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-711-7398	GLAND ASSY, 155MM REC MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-711-7421	GLAND/DOWELL ASY, 155MM RM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-711-8010	CAM ASY, 155MM RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-713-6030	PISTON ASSY, RECOIL MECHAN	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-714-1823	RECOIL MECHANISM, 155MM. M6	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	250	4.00	0	5	OOV	AB	BB
1025-00-714-1824	RECOIL MECHANISM, M6B1	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB
1025-00-714-8059	GLAND AS, 155MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-714-8067	GLAND AS, 155MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-714-8074	RECOIL MECHANISM. M6A2	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1025-00-714-8146	RECOIL MECHANISM, M6A1	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	250	4.00	0	5	OOV	AB	BB
1025-00-714-8147	RECOIL MECHANISM, M6B2	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB
1025-00-730-7098	CANNON, 155MM HOWITZER. M1A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AB	BB
1025-00-789-7610	TUBE, REPLENISHER, M127 MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-789-7612	CLAMP, COVER, M127 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-789-7613	COVER, TUBING, M127 MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-789-7615	COVER TUBING, M127 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-801-6728	KEY ASSY, M178 HOW MOUNT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-801-6766	RETAINER, M127 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-802-2416	HEAD, CYLINDER, M127 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-802-2463	PISTON ASSY, M178 HOW MOUNT	102 104 111 113 123 130 140 141 143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1025-00-802-2465	HOUSING ASY, M178 HOW MOUNT	102 104 111 113 123 130 140 141 143 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-802-2470	TUBE, ORIFICE. M178 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-802-2471	COVER, M178 HOWITZER MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-802-2549	ROD, PISTON, M178 HOW MOUNT	102 104 111113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-857-9566	SEGMENT, ELECT CON-TACT RING	102 104 111 113 123 130 140 141 143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
1025-00-863-5613	MOUNT, M107 GUN/M110 HOWITZ	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	250	4.00	0	5	OOV	AB	BB
1025-00-868-8054	CLAMP, COVER, M127 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-868-8056	NUT. M178 HOWITZER MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-869-0541	STOP, SECTOR GEAR, 155MM MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-871-2920	RETAINER, REAR HEAD, M174 MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-871-2922	ROD, VARIABLE, M174 GUN MNT	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1025-00-871-2939	KEEPER, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-884-7738	HOUSING, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-907-0717	TUBE. M126A1 CANNON, 155MM	101 102 104 111 113 120 121 123 130 141 150 154 174 179 192 233 278 291	S2	2.50	4.00	0	5	OOV	AB	BB
1025-00-907-6786	FOLLOWER, M158 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-907-7025	CUP RING. M158 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-908-0147	FILLER/PACKING ASY. M158 MNT	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-915-5709	CAP, CHECK VALVE, M127 MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1025-00-919-3441	VALVE ASSY, HOWITZER CANNON	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-919-7277	CYLINDER, M127 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-919-7904	ADAPTER, COVER, M127 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-927-1127	PISTON, CYLINDER. M127 MOUNT	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-930-2590	RAMMER AND LOADER	102 104 111 113 123 130 140 141 143 148 151 154 157 191 194B 194C 233 250 278 290 294A	S2	2.50	4.00	0	5	OOV	A	B
1025-00-937-2026	ACTUATOR ASSY, M178 HOW MNT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-937-2029	CANNON, 155MM HOW, M126A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	A	B
1025-00-938-9562	HOUSING ASY, M158 GUN MOUNT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-963-9222	HOUSING, CAM. M174 GUN MOUNT	102 104 111113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1325-00-981-6873	HOUSING, ACTUATOR. M178 MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
1025-00-981-6902	CAP, M126A1 HOWITZER CANNON	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-00-994-8931	HOWITZER, TOWD, 155MM. M123A1	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	AB	BB
1025-01-007-6889	PAD, OBTURATOR, BREECH MECH	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
1025-01-012-1062	CANNON, 8 INCH HOW, M201	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AC	BC
1025-01-012-8271	PAD. OBTURATOR. BREECH MECH	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
1025-01-013-3915	TUBE ASSY, M201 CANNON, 8 IN	101 102 104 111 113 120 121 123 130 140 141 143 150 154 174 179 192 233 278 291	S2	2.50	4.00	0	5	OOV	AC	BC
1025-01-025-9857	HOWITZER, TWD, 155MM, M114A2	102 104 133 140 141 143 145 146 148 151154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	AB	BE
1025-01-026-6648	HOWITZER, TOWED, 155MM, M198	102 104 133 140 141 143 145 146 148 151154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	AB	BE
1025-01-029-7369	CANNON, 155MM HOWITZER, M1A2	101 102 104 111 113 120 121 123 130 140 141143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	AB	BE
1025-01-037-5550	SCRAPER, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
1025-01-039-4675	HOSE ASSY, NITROGEN FILLING	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	0	5	OOV	A	B
1025-01-040-8837	TUBE, M199 CANNON, 155MM HOW	101 102 104 111 113 120 121 123 130 141 150 154 174 179 192 233 278 291	S2	2.50	4.00	0	5	OOV 5CN	AC	BC
1025-01-041-4378	SEAL, M39 HOWITZER CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
1025-01-041-9848	RAMMER-LOADER ASSY, INSTALL	102 104 111 113 123 130 140 141 143 148 151191 194B 194C 233 250 257 278 290 294A	S2	2.50	4.00	0	5	OOV	A	B
1025-01-054-2963	GUN MOUNT, 8 INCH HOW, M174	102 104 111 113 123 130 140 141143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	AB	BB
1025-01-059-2487	BREECH MECHANISM, M199 CANN	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	A	B
1025-01-060-4250	PAD, LEFT BUSTLE DOOR - M109	104 111 113 123 130 132 133 141151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1025-01-077-2324	PAD, RIGHT BUSTLE DOOR - M109	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1025-01-094-3333	RECOIL MECHANISM, 155MM, M45	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	A	B
1025-01-138-7374	CANNON, 8 INCH HOW, M201A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	A	B
1025-01-195-3555	SEAL, HYDRAULIC ACCUMULATOR	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	9	5	OOV	ABC	BBC

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National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
102501-213-7914	KIT, EQUILABRATOR MANIFOLD	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
1025-01-220-5723	SEAL ASSY, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1025-01-220-5724	SEAL ASSY, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1025-01-220-8016	SEAL ASSY, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 143 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1025-01-220-9234	SEAL ASSY, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1025-01-240-1191	KIT, FILTERS/GASKET - M198 HW	102 104 111 113 123 130 132 133 141 143 148 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	S	5	OOV	A	B
1025-01-250-5970	PARTS KIT, AC-CUMULATOR - M109	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
1025-01-254-9804	SEAL, PANTEL COVER ASSEMBLY	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
1030-00-322-9788	HOWITZER, TOWED, 8 INCH, M115	102 104 133 140 141 143 145 146 148 151 154 157 160 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV 5TH	AB	BB
1030-00-508-0791	CANNON, 8 INCH HOW, M2A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	ABC	BBC
1030-00-714-1826	RECOIL MECHANISM, 8 IN, M4A1	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	A	B
1030-00-714-2378	RECOIL MECHANISM, 8 INCH, M4	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	A	B
1030-00-714-8344	RECOIL MECHANISM, 8 IN, M4A2	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	C	C
1030-00-714-8374	RECOIL MECHANISM, 8 IN, M4A3	102 104 111 113 123 130 140 141 143 145 146 148 151 154 157 174 179 192 194B 194C 195B 195C 233 250 278 291 294A 295A	S2	2.50	4.00	0	5	OOV	A	B
1030-00-730-6057	CANNON, 8 INCH HOW, M2A1	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	A	B
1030-00-981-2764	CANNON, 8 IN HOWITZER, M2A2	101 102 104 111 113 120 121 123 130 140 141 143 148 150 151 154 157 168 169 174 179 192 194B 194C 233 278 291 294A	S2	2.50	4.00	0	5	OOV 5CN	A	B

APPENDIX A - CODED STANDARDS

National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1055-00-675-9532	LAUNCHER, 115MM ROCKET, M91	101 102 104 120 123 130 140 141 143 146 148 150 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 233 278 291 294A 295A	S2	2.50	400	0	5	OOV 5TH	A	B
1090-00-937-2033	SEAL KIT, VARIABLE RECOIL	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
1090-00-937-2817	SEAL KIT, M178 HOW MOUNT	104 111 113 123 130 141 143 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	A	B
1090-00-937-2818	KIT, SEAL, M127 HOW MOUNT	104 111 113 123 130 141 143 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
1220-00-020-8694	READOUT DRIVE ASY, TEST SET	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1220-00-020-8695	NETWORK D ASY, CLU TEST SET	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1220-00-020-8696	NETWORK E ASY, CLU TEST SET	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1220-00-020-8698	NEON DRIVE AS, CLU TEST SET	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
1220-00-020-8699	LOGIC DRIVER ASY, TEST SET	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
1220-00-133-7039	PLOTTING BOARD, FLASH, M18	102 104 111 113 123 130 132 133 140 141 143 151 154 169 174 191 195B 195C 250 278 290 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1220-00-150-8846	PROGRAM TAPE KIT, M18 COMPT	104 111 113 123 130 140 141 143 150 151 154 194B 194C 195A 195B 233 278 294A	S3	.65	4.00	0	5	OOV	C	C
1220-00-150-8872	TAPE, PERFORATED, M18 COMPTR	104 111 113 123 130 141 150 151 154 195A 195B 233 278	S3	.65	400	0	5	OOV	ABC	BCC
1220-00-196-2757	CASE, SHIPPING, REUSABLE	104 111 113 123 130 140 141 143 150 151 154 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
1220-00-448-0131	COMPUTER, GUN DIRECTION, M18	102 103 164 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
122000-462-0398	BUTTON SET, KEY - M18 COMPUTR	102 103 104 111 113 123 130 140 141143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	C	C
1220-00-588-7282	PLOTTING BOARD, M17	104 111 113 123 130 132 133 140 141 143 151 154 169 174 194B 194C 250 278 294A	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC

APPENDIX A - CODED STANDARDS

National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1220-00-670-2971	PLOTTING BOARD. FLASH, M5A2	102 104 111 113 123 130 132 133 140 141 143 151 154 174 191 195B 195C 250 278 290 295A	S3	.65	4.00	0	5	OOV	A	B
1220-00-670-3050	PLOTTING BOARD, SOUND, M1	102 104 111 113 123 130 132 133 140 141 143 150 151 154 174 191 194B 194C 195A 195B 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1220-00-670-3051	PLOTTING BOARD, SOUND, M1A1	102 104 111 113 123 130 132 133 140 141 143 150 151 154 174 191 194B 194C 195A 195B 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1220-00-671-7082	WIND CORRECTOR, SOUND, M1	102 104 111 113 123 130 132 133 140 141 143 150 151 154 174 191 194B 194C 195B 195C 278 290 294A 295A	S3	.65	4.00	0	5	OOV	AB	BB
1220-00-861-3842	DISK MEMORY UNT - M18 COMPT	102 103 104 111 113 123 130 140 141143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
1220-00-861-3844	MATRIX, SELECTION - M18 COMPT	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB CB	BB CC
1220-00-861-3847	FLIP-FLOP LOGIC - M18 COMPUT	102 103 104 111 113 123 130 140 141143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1220-00-861-3848	KEYBOARD. M18 COMPUTER	102 103 104 111 113 123 130 140 141143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
1220-00-963-4030	FIELD TABLE - M18 COMPUTER	102 104 111 113 123 130 140 141 143 180 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BC
1220-01-021-7276	TABLE, GRAPHICAL FIRING	102 104 111 113 123 130 132 133 140 141143 148 151 154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B
1220-01-021-7278	TABLE, GRAPHICAL FIRING	102 104 111 113 123 130 132 133 140 141 143 148 151 154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B
1220-01-082-1629	BATTERY SET, RECHARGEABLE	102 104 111 113 123 130 132 133 140 141143 151 154 155 178 180 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
1220-01-082-1646	COMPUTER SET. GEN ARTILLERY	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 180 191 194B 194C 195B 195C 196B 233 278 290 294A 295A 296A	S3	.65	4.00	0	5	OOV 5OP	A	B
1220-01-082-1647	COMPUTER SET, MISSILEARTIL	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 180 191 194B 194C 195B 195C 196B 233 278 290 294A 295A 296A	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1220-01-098-3627	TABLE, GRAPHICAL FIRING	102 104 111 113 123 130 132 133 140 141 143 148 151 154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BCC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1220-01-118-1444	TABLE, GRAPHICAL FIRING	102 104 111 113 123 130 132 133 140 141 143 148 151 154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BCC
1220-01-120-0807	TABLE, GRAPHICAL FIRING	102 104 111 113 123 130 132 133 140 141 143 148 151 154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	AC	BC
1220-01-120-0808	TABLE, GRAPHICAL FIRING	102 104 111 113 123 130 132 133 140 141 143 148 151 154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	C	C
1220-01-200-9267	COMPUTER, BACKUP, FIRE CONTL	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BB
1240-00-020-2364	RETICLE, M117 PAN TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 50P	A	B
1240-00-0.65-5318	MOUNT, TELESCOPE, M134	102 104 111 113 123 130 140 141 143 150 151154 168 169 174 191 195B 195C 233 257 278 290 295A	S3	.65	4.00	0	5	OOV 50P	A	B
1240-00-066-6065	COLLIMATOR, INFINI-TY, M1	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	A	B
1240-00-066-7096	LEVEL,AIMING COLLIMATOR	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	X	5	OOV	AC	BC
1240-0073-0269	LENS, M113/M113A1 TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	AC	BC
1240-00-076-0066	TELESCOPE, PANORAMIC, M113	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00)87-5527	TELESCOPE, STRAIGHT, M128	102 103 104 111 113 123 130 140 141143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	AB	BB
1240-00-106-7754	TELESCOPE, PANORAMIC M117A2	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BB
1240-00-150-8886	TELESCOPE, PANORAMIC, M113A1	102 103 104 111 113 123 130 132 133 140 141143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	X	5	5OP 5RA	A	B

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1240-00-150-8889	TELESCOPE, ELBOW M114A1	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	X	5	50P 5RA	A	Q
1240-00-150-8890	MOUNT, TELESCOPE, M134A1	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 168 169 174 178 180 191 195B 195C 196A 196B 257 290 295A	S3	.65	4.00	9	5	5OP 5RA	AB	BC
1240-00-257-2759	CELLASSY, M114A1 TELESCOPE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	8	4	5OP 5RA	AB	QQ
1240-00-257-2770	LAMP. RADIO-LUMINOUS, POTTED	103 104 111 113 123 130 132 133 140 141 143 150 151 154 155 169 178 180 194B 194C 196A 196B 294A	S3	.65	4.00	X	5	OOV 5RA	A	Q
1240-00-257-2774	LIGHTASY, M113A1 TELESCOPE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	X	5	OOV 5RA	A	Q
1240-00-257-2776	LIGHTASY, M113A1 TELESCOPE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	X	5	OOV 5RA	A	B
1240-00-300-7988	ADAPTER, TELESCOPE, M9A1	102 104 111 113 123 130 140 141 143 150 151 174 191 233 257 278 290	S3	.65	4.00	0	5	OOV	AB	BC
1240-00-328-5631	TELESCOPE, ELBOW, M139	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-332-1780	COLLIMATOR, INFINI-TY, M1A1	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-00-332-1781	LEVEL, M1A1 COLLIMATOR	102 103 104 111 113 123 130 140 141 143 145 148 150 151 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1240-00-344-4633	TELESCOPE, PANORAMIC, M12A7H	102 103 104 111 113 123 130 140 141143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BC
1240-00-344-4643	PERISCOPE, TANK, M27	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5OP	AC	BC
1240-00-488-5285	MIRROR, M118A2 TELESCOPE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BC
1240-00-488-8665	LEVELASY, M118 S TELESCOPE	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5OP	AB	BB

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1240-00-491-9676	TELESCOPE, ELBOW, M118CA1	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3 BC	.65 CC	400	0	5	OOV 50P	AB	BB
1240-00-503-7651	LENS, M62 ELBOW TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	AC	BC
1240-00-503-7657	LENS, M62 ELBOW TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-504-5960	LENS, EYEPIECE, TELESCOPE	103 104 111 113 123 130 140 141143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-504-9913	LENS, PANORAMIC TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-504-9914	LENS, QUADRANT / TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	AC	BC
1240-00-504-9915	LENS, QUADRANT / TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	AC	BC
1240-00-5092743	PERISCOPE, TANK, M45	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-530-0974	BINOCULARS, M17A1	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	ABC	BBC
1240-00-601-6463	PRISM, 90 DEGREES, TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-613-8147	RETICLE, M12A7C&K TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-622-4405	PRISM, PANORAMIC TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 195B 195C 196A 196B 233 278 290 295A	S3	.65	4.00	0	5	OOV5OP	ABC	BCC
1240-00-670-2491	BINOCULARS, M3	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 1941 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1240-00-670-2500	BINOCULARS, M7	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	ABC	BBC
1240-00670-2508	BINOCULARS, M13	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
2404-00-756-3760	PRISM, 90 DEGREES, TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-757-8429	MOUNT, TELESCOPE, M25	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BC
1240-00-757-8441	MOUNT, TELESCOPE. M23	102 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 191 194B 194C 195B 195C 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B
1240-00-757-8596	MOUNT, TELESCOPE, M21A1	102 104 111 113 123 130 140 141143 150 151 154 168 169 174 191 195B 195C 233 257 278 290 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-759-7736	MOUNT, TELESCOPE, M3A1	102 104 111 113 123 130 140 141 143 150 151 154 168 169 174 191 195B 195C 233 257 278 290 295A	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1240-00-759-7781	TELESCOPE, ELBOW, M16A1D	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-759-7782	TELESCOPE, ELBOW, M16A1F	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1240-00-768-7260	TELESCOPE, PANORAMIC M12A7C	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AC	BC
1240-00-783-5932	SIGHT UNIT, M34A2C	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5O	ABC	QCC
1240-00-789-2987	HOLDER, TELESCOPE MOUNT, M7	102 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 191 194B 194C 195B 195C 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BC
1240-00-807-3769	RETICLE, M62 ELBW TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	..65	4.00	0	5	OOV 50P	A	B
1240-00-819-4519	TELESCOPE, ELBOW, M118	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3 BC	.65 CC	4.00	0	5	OOV 5OP	AB	BB
1240-00-819-4520	TELESCOPE ELBOW, M118C	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3 BC	.65 CC	4.00	0	5	OOV 5OP	AB	BB

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1240-00-828-6552	LENS, M118 SERIES TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 50P	A	B
1240-00-828-.6553	LENS, M118 SERIES TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	AB	BC
1240-00-848-9892	LENS, M115 PAN TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-851-3918	LENS, M118 SERIES TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	AB	BC
1240-00-851-3919	LENS, M118 SERIES TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	AB	BC
1240-00-851-7613	LENS, QUADRANT / TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	AB	BC
1240-00-851-7614	LENS, QUADRANT / TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-851-7615	LENS, QUADRANT / TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-864-0342	CELLAS, Ml18 SER TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1240-00-864-0343	CELLAS, M118 SER TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1240-00-864-0348	MOUNT, TELESCOPE, M146	102 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 191 194B 194C 195B 195C 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-864-2930	TELESCOPE, PANORAMIC, M117	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BB
1240-00-864-2933	PERISCOPE, OFFSET, M42	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-870-6281	PRISMASY, M118 S TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-871-2969	MOUNT, TELESCOPE, M145	102 103 104 111 113 123 130 140 141143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	A	B
1240-00-878-5566	CONTROL, LIGHT SOURCE	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 180 191 194B 194C 195B 195C 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AC	BC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1240-00-891-9850	LENS, MI15 PAN TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-895-6492	MOUNT, TELESCOPE, M137	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	A	B
1240-00-895-9186	TELESCOPE, PANORAMIC, M115	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-896-2240	MOUNT, TELESCOPE, M138	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-896-2248	PECHAN ASSY, M115 TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 180 191 196A 196B 233 257 278 290	S3	.65	4.00	0	5	OOV 50P	A	B
1240-00-898-4215	RETICLE, M115 PAN TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-898-6787	TELESCOPE, ELBOW, M116	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-898-6788	RETICLE, M116C TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-898-6789	TELESCOPE, ELBOW, M116C	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV5OP	A	B
1240-00-898-6790	RETICLE, M116 ELB TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-899-5144	LENS, M115 PAN TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151 169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-899-5145	LENS, M115 PAN TELESCOPE	103 104 111 113 123 130 140 141 143 148 150 151169 180 196A 196B 233 278	S3	.65	4.00	0	5	OOV 5OP	AC	BC
1240-00-918-4105	RETICLE, M12A7 SR TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-963-0839	TELESCOPE, ELBOW, M114	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-00-974-6432	TELESCOPE, ELBOW, M116F	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	A	B

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1240-01-037-7290	MOUNT, TELESCOPE / QUAD, M172	102 104 111 113 123 130 140 141 143 148 150 151 154 174 191 194B 194C 195B 195C 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-01-038-0530	TELESCOPE, ELBOW, M138	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-01-038-0531	TELESCOPE, PANORAMIC, M137	102 103 104 111 113 123 130 132 133 140 141143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	S	5	5OP 5RA	A	B
1240-01-039-7273	MOUNT, TELESCOPE / QUAD, M171	102 103 104 111 113 123 130 132 133 140 141143 145 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-01-043-9463	OBJECTIVE/RETICLE ASSEMBLY	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-01-044-6915	COUNTER BOX AS, M137 PANTEL	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 257 290 294A	S3	.65	4.00	9	5	OOV 5RA	A	Q
1240-01-048-0779	CELL ASSY, RETICLE - M138 TEL	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-01-062-8264	BODYASSY, M137 TELESCOPE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 168 169 178 180 191 194B 194C 196A 196B 257 290 294A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-01-0795453	RETICLEAS, M1A1 COLLIMATOR	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	6	3	5OP 5RA	A	B
1240-01-092-2693	TELESCOPE, ELBOW, M118A2	102 103 104 111 113 123 130 140 141143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1240-01-114-3085	ADAPTERAS, M113A1 TELESCOP	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 257 290 294A	S3	.65	4.00	S	5	OOV 5RA	ABC	QQQ
1240-01-114-3086	COVERASY - M113A1 TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	AC	BC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1240-01-124-1358	SCOPEASSY, M1A1 COLLIMATOR	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	400	X	5	5OP 5RA	A	B
1240-01-132-1695	KIT, COVER, PAN TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
1240-01-138-4752	RETICLE SLIDEASSY, ELB TEL	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	X	5	5OP 5RA	AB	BB
1240-01-139-3552	LEVEL, M14A1 QUADRANT	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	S	5	OOV 5RA	C	C
1240-01-142-5381	LEVELASY, M134A1 SCOPE MT	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	9	5	OOV 5RA	A	B
240-01-152-2905	COUNTER BOX AS, M137 PANTEL	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 180 191 194B 194C 196A 196B 233 257 278 290 294A	S3	.65	4.00	0	5	OOV 5RA	AB	BC
1240-01-170-1876	TELESCOPE, PANORAM, M137 BML	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	6	3	5OP 5RA	AB	BB
1240-01-226-0720	MIRROR,ALINEMENT DEVICE	103 104 113 123 130 132 133 141 154 155 169 178 180 196A 196B 211 250	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-01-277-0472	TELESCOPE, PANORAMIC, M137E1	102 103 104 111 113 123 130 132 133 140 141143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	X	5	5OP 5RA	A	B
1240-01-277-0474	MOUNT, TELESCOPE/ QUAD, XM187	102 103 104 111 113 123 130 132 133 140 141143 145 148 150 151 154 155 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	X	5	OOV 5RA	A	B
1240-01-277-2875	TELESCOPE, STRAIGHT, M90E6	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 174 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	X	5	5OP 5RA	A	B
1240-01-280-5337	COVER ASSY, XM187 TEL MOUNT	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5RA	A	Q
1240-01-287-9710	RETICLE, OPTICAL INS	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	X	5	5OP 5RA	A	Q

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1240-01-287-9711	LEVEL, FIRE CONTROL	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	400	X	5	OOV 5RA	A	Q
1240-99-962-9583	TELESCOPE, ELBOW, L2A1	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195A 195B 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	50P 5RA	A	B
1240-99-964-2698	CARRIER, DIAL SIGHT, L3A1	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-99-964-2700	BODYASSY, L3A1 DIAL SIGHT	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 257 290 294A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-99-964-2702	DIAL ASSY, L3A1 DIAL SIGHT	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 257 290 294A	S3	.65	4.00	9	5	OOV 5RA	A	B
1240-99-964-2704	LEVEL, L3A1 DIAL SIGHT CARR	103 104 111113 123 130 132 133 140 141 143 145 150 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	9	5	OOV 5RA	AB	BB
1240-99-964-4020	INDEXASSEMBLY	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 257 290 294A	S3	.65	4.00	9	5	OOV 5RA	AB	BB
1240-99-964-4022	GEAR HOUSING & PRISM ASSY	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 257 290 294A	S3	.65	4.00	9	5	OOV 5OP	AB	BB
1240-99-964-4030	EYESHIELD, OPTICAL I	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
1240-99-964-4034	MOUNTED PRISM	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	9	5	OOV 5OP	A	B
1240-99-964-4080	SIGHT, DIAL, L7A1	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-99-964-4325	RETICLEASY, L2A1 TELESCOPE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	9	5	5OP 5RA	A	B
1240-99964-4329	EYESHIELD, OPTICAL I	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
129000-020-2372	POWER SUPP, M36 CHRONOGRAPH	102 103 104 111 113 123 130 140 141143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1290-00-020-2379	AMPLIFIER,AUDIO FREQUENCY	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
1290-00-022-9844	MOUNT, M36 RADR CHRONOGRAPH	102 104 111 113 123 130 140 141 143 150 151 191 233 257 278 290	S3	.65	4.00	0	5	OOV	AB	BC
1290-00-066-4994	QUADRANT, ELEVA-TION, M14	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	X	5	OOV 5OP	A	B
1290-00-107-4459	PROGRAM SPACE TAPE	104 111 113 123 130 141 150 151 154 180 195A 195B 233 278	S3	.65	4.00	0	5	OOV	C	C
1290-00-107-4469	CARTRIDGEASY, M18 COMPUTER	102 104 111 113 123 130 140 141 143 150 151 154 180 191 194B 194C 195A 195B 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
1290-00-150-8891	QUADRANT. ELEVA-TION, M14A1	102 103 104 111 113 123 130 132 133 140 141143 145 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	A	B
1290-00-167-8144	PLOTTING SET, SOUND RNG, M53	102 104 111 113 123 130 141 143 151 154 174 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	AB	BC
1290-00-169-1937	QUADRANT, GUNNER'S, M1A2	102 103 104 111 113 123 130 132 133 140 141143 145 148 150 151 154 155 169 174 178 180 191 194B 194C 195B 195C 196A 196B 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	AC	BC
1290-00-257-2765	LEVEL, M1A2 QUADRANT	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	X	5	OOV 5RA	A	B
1290-00-257-2769	LEVEL, QUADRANT	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	X	5	OOV 5RA	A	Q
1290-40-257-2773	LIGHT ASSY, M14A1 QUADRANT	103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 194B 194C 196A 196B 294A	S3	.65	4.00	8	4	OOV 5RA	AB	BC
1290-40-299-6892	FIRE DIRECTION SET #3,ARTY	102 104 111 113 123 130 132 133 140 141143 151154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B
1290-00-299-6893	FIRE DIRECTION SET #4,ARTY	102 104 111 113 123 130 132 133 140 141143 151 154 191 194B 194C 195B 195C 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	AB	BC
12904-00-535-7617	POST,AIMING, M1A2	102 104 111 113 123 130 140 141 143 148 154 174 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1290-00-535-7629	LIGHT,AIMING POST, M14	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	ABB	BCB
1290-00-617-3781	FILTER, RED-M14 AIM-ING POST	102 104 111 113 123 130 140 141143 148 150 151 154 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
1290-00-617-.6535	FUZE SETTER, M14	102 104 111 113 123 130 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV 50P	ABC	BCC
1290-00-671-6145	AIMING CIRCLE, M1	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
1290-00-692-1493	TUBE, LEVEL VIAL-QUADRANT	102 103 104 111 113 123 130 140 141143 145 148 150 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1290-00-757-8410	FUZE SETTER, M22	102 104 111 113 123 130 141 143 148 191 233 250 257 278 290	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1290-00-758-2101	FUZE SETTER. M23	102 104 111 113 123 130 141 143 148 191 233 250 257 278 290	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
1290-00-759-7761	QUADRANT, RANGE, M4A1	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B
1290-00-763-5521	LEVEL, MIAI GUNNER QUADRANT	102 103 104 111 113 123 130 140 141 143 145 148 150 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV	AC	BC
1290-00-763-5522	LEVEL, FIRE CONTROL	102 103 104 111 113 123 130 140 141 143 145 148 150 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV	A	B
1290-00-764-7761	FUZE SETTER, M27	102 104 111 113 123 130 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV 50P	A	B
1290-00-861-7105	RADAR CHRONOGRAPH SET, M36	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	AB	BB
1290-00-862-0005	RECEIVER, RADAR TEST - M36 RC	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 296 294A	S3	.65	4.00	0	5	OOV	A	B
1290-00-863-3198	ANTENNA - M36 RADAR CHRONOGR	102 104 111 113 123 130 140 141 143 150 180 191 233 278 290	S3	.65	4.00	0	5	OOV	AB	BC
1290-00-863-5646	WAVEGUIDEASY - M36 RADAR CH	102 103 104 111 113 123 130 140 141 143 150 180 191 233 278 290	S3	.65	4.00	0	5	OOV	ABC	BCC
1290-00-896-2236	QUADRANT, ELEVA-TION. M15	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	A	B

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
1290-00-973-2180	REPRODUCER. DATA. AN/GSQ-64	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	A	B
1290-00-976-9251	AMPLIFIER, POWER SUPPLY	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
1290-00-976-9252	AMPLIFIER, ELEC-TRONIC CONTR	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
1290-00-995-1987	COUNTER & DIFFEREN-TIAL ASY	102 104 111 113 123 130 140 141 143 150 151 191 233 257 278 290	S3	.65	4.00	0	5	OOV	A	B
1290-01-037-3883	QUADRANT, M17	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	5OP 5RA	A	B
1290-01-037-7289	QUADRANT. M18	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 168 169 174 178 180 191 194B 194C 195B 195C 196A 196B 257 290 294A 295A	S3	.65	4.00	9	5	50P 5RA	A	B
1290-01-043-8209	LAMP ASY, NUCLEAR, TELESCOPE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	9	5	OOV5RA	A	B
1290-01-046-3687	LEVEL ASSY, M18 QUADRANT	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	X	5	OOV 5RA	A	B
1290-01-048-0193	LEVEL ASSY, M17 QUADRANT	102 103 104 111 113 123 130 132 133 140 141143 145 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	X	5	OOV 5RA	A	B
1290-01-073-0764	RADAR CHRONOGRAPH SET, M90	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	AC	BC
1290-01-145-6262	QUADRANT, GUNNER'S, M1A2	102 103 104 111 113 123 130 132 133 140 141 143 145 148 150 151 154 169 174 178 180 191 194B 194C 195B 195C 196A 196B 290 294A 295A	S3	.65	4.00	0	5	5OP 5RA	A	Q
1290-99-964-3799	BEACON, DIAL SIGHT	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 174 178 180 191 196A 196B 290	S3	.65	4.00	9	5	OOV 5RA	A	B
2350-436-6635	GUN, FIELDART, 175MM, M107	102 104 133 140 141 143 145 146 148 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-00-439-6242	RECOVERY VEHICLE, M578	102 104 133 140 141 143 145 148 151 154 157 168 169 174 180 192 194B 194C 196A 196B 250 278 291 294A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
2350-00-439-6243	HOWITZER, SP, 8 INCH, M110	102 104 133 140 141 143 145 146 148 151154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-00-440-8810	HOWITZER, SP, 105MM, M108	102 104 133 140 141 143 145 146 148 151 154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	AB	GB
2350-00-440-8811	HOWITZER, SP, 155MM. M109	102 104 133 140 141 143 145 146 148 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-00-485-9662	HOWITZER, SP, 155MM, M109A1	102 104 133 140 141 143 145 146 148 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-00-508-1060	GUN, ANTITANK, SP, 90MM, M56	102 104 133 140 141 143 145 146 148 151154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	A	B
2350-00-563-7966	HOWITZER, SP, 155MM, M44A1	102 104 133 140 141 143 145 146 148 151 154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	A	B
2350-00-563-7967	HOWITZER, SP, 105MM, M52A1	102 104 133 140 141 143 145 146 148 151 154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	A	B
2350-00-733-3216	HOWITZER, SP, 105MM, M52	102 104 133 140 141 143 145 146 148 151 154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	A	B
2350-00-739-3840	GUN, FIELDART, 155MM, M53	102 104 133 140 141 143 145 146 148 151154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	A	B
2350-00-739-3841	HOWITZER, SP, 8 INCH, M55	102 104 133 140 141 143 145 146 148 151154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	A	B
2350-00-838-5000	HOWITZER, SP, 155MM, M44	102 104 133 140 141 143 145 146 148 151 154 157 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV	A	B
2350-01-013-3914	HOWITZER, SP, 8 INCH, M110A1	102 104 133 140 141 143 145 146 148 151154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-01-031-0586	HOWITZER. SP, 155MM, M109A2	102 104 133 140 141 143 145 146 148 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GG

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
2350-01-031-8851	HOWITZER, SP, 155MM, M109A3	102 104 133 140 141 143 145 146 148 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-01041-4590	HOWITZER, SP, 8 INCH. M110A2	102 104 133 140 141 143 145 146 148 151154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-01-277-5770	HOWITZER, SP, 155MM, M109A4	102 104 133 140 141 143 145 146 148 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2350-01-281-1719	HOWITZER, SP, 155MM, M109A5	102 104 133 140 141 143 145 146 148 151 154 157 168 169 174 180 192 194B 194C 195B 195C 196A 196B 250 278 291 294A 295A	S2	2 50	4.00	0	5	OOV 5SH	AB	GB
2510-00-133-7975	CUPOLA, COM-MANDERS, M109 HOW	102 104 111 113 123 130 140 141 143 148 192 233 250 278 291	S2	2 50	4.00	0	5	OOV	A	G
2520-00-972-2648	PARTS KIT, HYDRAULIC	102 104 111 113 123 130 132 133 140 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
2530-00-714-9935	VALVE/STOP ASSY, 155MM RM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
2530-01-046-4689	PARTS KIT, HYDRAULIC BRAKE	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	Q	4	OOV	A	B
2590-00-127-2921	ACCUMULATOR, M127 GUN MOUNT	102 104 111 113 123 130 140 141 143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
2590-00-180-5380	WIRING HARNESS, BRANCHED	102 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	X	5	OOV	A	B
2590-00-712-3172	DISK/PIN, 155MM RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
2590-00-937-5698	SCRAPER RING. M37 REC MECH	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
2590-01-071-8895	REPAIR KIT, LIFT CYLINDER	104 111 113 123 130 141 143 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
2590-01-154-2952	ACCUMULATOR, HYDRAULIC	102 104 111 113 123 130 132 133 140 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
2590-99-881-7501	CABLE ASSEMBLY, INTE	102 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	9	5	OOV	AC	BC
2940-00-501-58.65	SCREEN. RECOIL MECHANISM	102 104 111 113 123 130 141 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3020-00-083-5783	GEAR, SPUR, M178 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3020-00-500-6363	INDEX, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
3020-00-500-7455	PINION, OIL INDEX, 105MM HRM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	400	0	5	OOV	ABC	BBC
3020-00-557-3677	COVERAS, 155MM RECOIL MEC	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3020-00-615-5404	INDEX, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3020-00-615-5405	RACK, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3020-00-615-5543	GUIDE, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3020-00-616-8250	HEAD, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3020-00-710-9149	ARC ASY, 155MM RECOIL MECH	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3020-00-863-7754	GEAR, SECTOR, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-061-5658	ARM, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-073-2091	LINK, M31 HOWITZER CARRIAGE	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3040-00-073-2093	BRACKET, M31 HOW CARRIAGE	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-073-2103	CAM, M31 HOWITZER CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-073-5371	BRACKET, M37 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-103-9404	CYLINDER, RECOIL MECHANISM	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-104-4625	ROD END, PISTON, M174 GUN MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-439-.6545	GEARSHAFT, BEVEL, M178 MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-500-9587	HEAD, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-519-1126	HEAD, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-554-8035	PISTON ROD, 105MM REC MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
3040-00-556-7578	HEAD, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-557-3504	ROD ASY, 155MM RECOIL MECH	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3040-00-557-4677	HEAD, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
304000-557-6100	ROD, 155MM RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-559-0684	RING, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-615-5933	SEAL, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-616-7259	GUIDE, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3040-00-.653-7641	STUFFING BOX, 155MM RM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-713-2999	PISTON ASSY, RECOIL MECHAN	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3040-00-713-3000	REPLENISHER ASY, 155MM HRM	102 104 111 113 123 130 140 141 143 151 154 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
3040-00-713-.6579	PISTON/ROD ASSY, 155MM HRM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	400	0	5	OOV	A	B
3040-00-714-8260	HOUSING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3040-00-714-8261	HOUSING/PIN ASSY, 155MM RM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-714-8270	HOUSING/DOWELL AS, 155MM RM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-714-8275	PISTON, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-757-6909	PLATE, BACKING, M178 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-801-6712	COLLAR, PISTON ROD, M127 MNT	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-802-2455	RETAINER, ORIFICE, M178 MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-802-2476	PISTON ROD, M127 HOW MOUNT	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-871-2924	HEAD, FORWARD, M174 GUN MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-884-7728	BRACKET, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3040-00-884-7729	ROD, CAM CONTRL. M174 GUN MT	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-884-7730	SHAFT, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-927-9407	GUIDE PIN, M127 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BB
3040-00-931-8206	SHAFT ASY, DRIVE, M178 MOUNT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3040-00-981-1251	LINK ASSY, M174 GUN MOUNT	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BB
3040-01-012-7064	PISTON AS, M37A1 RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
3120-00-073-2101	BEARING, M31 HOW CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3120-00-480-7614	BUSHING, M158 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3120-00-557-3576	LINER, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3120-00-616-7044	LINER, 155MM RECOIL MECHAN	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BCC
3120-00-801-6729	BEARING, SLEEVE, M127 HOW MT	102 104 111 113 123 130141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3120-00-871-2923	BEARING, THRUST, M174 GUN MT	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
3120-00-884-7734	BEARING, SLEEVE, M174 GUN MT	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
3120-00-909-2883	ROLLER, M31 HOW CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BCC
3120-00-937-5683	BUSHING. M37 RECOIL MECHAN	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BCC
3120-99-963-5474	BEARING. SLEEVE - M119 HOWITZ	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4320-00-248-2013	KIT, MANUAL ELEVA-TION PUMP	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	AC	BC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
4320-00-446-3040	PARTS KIT, TRAVERS-ING MECH	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
4320-00-449-7166	HAND PUMP, HYDRAULIC OIL	102 104 111 113 123 130 132 133 140 141 143 145 154 155 192 250 278 291	S2	2 50	4.00	X	5	OOV	A	B
4710-00-126-9948	TUBE, BLEEDER, M127 MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4710-00-126-9953	TUBE, BLEEDER, M127 MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
4710-00-446-3737	TUBE, REPLENISHER, M178 MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4710-00-517-5776	TUBE, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4710-00-950-1450	TUBE, REPLENISHER, M127 MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4720-00-137-7704	HOSEAS, CAB HYDRAULIC - M109	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
4720-00-809-3050	HOSE ASSY, M178 GUN MOUNT	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
4720-00-871-2963	HOSEASSY, M174 GUN MOUNT	102 104 111 113 123 130 141 143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
4720-01-035-3687	HOSEASSEMBLY, M39 CARRIAGE	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	AC	BC
4720-01-036-9905	HOSE ASSY, NITROGEN FILLING	102 104 111 113 123 130 132 133 141 143 151154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	AB	BB
4720-01-072-4511	HOSE ASSY, NITROGEN FILLING	102 104 111 113 123 130 132 133 141143 151154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
4720-01-080-3899	HOSE ASSY, NITROGEN FILLING	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
4720-01-213-2432	HOSEAS, CAB HYDRAULIC - M109	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
4720-01-246-6878	HOSE, NONMETALLIC, M198 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	S	5	OOV	AC	BC
4720-99-823-2632	HOSEASY, GUN CAR-RIAGE - M119	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
4720-99-823-2633	HOSE ASY, GUN CAR-RIAGE - M119	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
4720-99-964-3875	TUBING, RUBBER, RECOIL MECH	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AB	BB
4720-99-9.65-2950	TUBING, RUBBER - M119 HOWITZER	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	AB	BB

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
730-00-711-8000	REGULATOR BODY. RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	400	0	5	OOV	A	B
4730-00-955-9449	MANIFOLD, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4810-00-073-5366	HOUSING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4810-00-152-3474	ROD. PISTON, M174 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4820-00-500-9174	SEAL,AIR, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4820-00-501-9763	VALVE, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4820-00-556-7198	HOUSING. RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4820-00-615-5791	VALVE, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4820-00-615-5892	GUIDE. RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4820-00-615-5895	VALVE, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
4820-00-818-0525	VALVE ASY, ELEVATING MECHAN	102 104 111 113 123 130 140 141 143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
4930-00-525-1360	RETAINER, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4931-00-020-8702	CONTROL BOX. COMPUTER LOGIC	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
4931-00-034-0898	FIXTURE. INSPECTION, W/CASE	102 104 111 113 123 130 140 141 143 150 151 191 233 278 290	S3	.65	4.00	0	5	OOV	A	B
4931-00-045-.6540	TEST SET. COMPUTR, AN/GSM-70	102 103 104 111 113 123 130 140 141 143 148 150 151 168 169 180 191 194B 194C 195B 195C 223 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
4931-00-0.65-1110	PURGING KIT. FIRE CONTROL	102 104 111 113 123 130 140 141 143 150 151 191 194B 194C 233 257 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
4931-00-078-4087	SHOP EQUIP, INSTRUMENT & FC	102 104 111 113 123 130 140 141 143 151 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
4931-00-341-5119	ALIGNMENT DEVICE, M140	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 174 178 180 191 194B 194C 195B 195C 196A 196B 290 294A 295A	S3	.65	4.00	X	5	5OP 5RA	A	B
4931-00-574-6433	TOOL SET, FIRE CONTROL MAIN	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	ABC	BBC
4931-00-754-0740	SHOP EQUIP. INSTRUMENT & FC	102 104 111 113 123 130 140 141 143 148 151 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
4931-00-801-6859	ADAPTER, VIBRATION, TELESCOPE	102 104 111 113 123 130 140 141 143 150 151 191 233 278 290	S3	.65	4.00	0	5	OOV	A	B
4931-00-863-5.651	GAGE. TRUNNION SET, QUADRANT	102 104 111 113 123 130 140 141 150 151 191 233 278 290	S3	.65	4.00	0	5	OOV	A	B

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4931-00-930-4268	TOOL KIT, FIRE CONTROL	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	400	0	5	OOV	AB	BB
4931-01-048-5834	ALINEMENT DEVICE, M139	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 174 178 180 191 194B 194C 195B 195C 196A 196B 290 294A 295A	S3	.65	4.00	S	5	5OP 5RA	A	B
4931-01-072-1198	TEST SET, ROCKET FIRING	102 104 111 113 123 130 140 141 143 148 150 151154 174 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BB
4931-01-187-9713	ALINEMENT DEVICE, M140 W/C	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 174 178 180 191 194B 194C 195B 195C 196A 196B 290 294A 295A	S3	.65	4.00	X	5	5OP 5RA	A	B
4933-00-021-2061	SLING ASSY, ROCKET TOOL SET	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	B	B
4933-00-348-7398	TOOL KIT,ARTILLERY, SET A	102 103 104 111 113 123 130 140 141 143 145 148 150 151 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV	AB	BB
4933-00-606-8414	TOOL SET, 762MM M386 LAUNCH	102 104 111 113 123 130 140 141143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
4933-00-710-7436	REMOVER, TORQUE ROD PIN	102 104 111 113 123 130 141 192 233 250 278 291	S2	2 50	4.00	0	5	OOV	ABC	BBC
4933-00-714-2858	TOOL SET, 75MM MIA1 HOWITZR	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
4933-00-714-2860	TOOL SET, 105MM HOWITZER	102 104 111 113 123 130 140 141 143 151 191 195B 195C 233 250 278 290 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
4933-00-714-2862	TOOL SET, 105MM HOWITZER	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
4933-00-714-2863	TOOL SET, FM, M114 HOWITZER	102 104 111 113 123 130 140 141 143 151 191 195B 195C 233 250 278 290 295A	S3	.65	4.00	0	5	OOV	AB	BB
4933-00-754-0704	SHOP EQUIPMENT, ARTILLERY	102 103 104 111 113 123 130 140 141 143 145 146 148 151 191 194B 194C 195B 195C 196A 196B 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
4940-00-209-6235	SHOP EQUIPMENT, ARTILLERY	102 103 104 111 113 123 130 140 141 143 145 148 150 151 154 169 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
4940-00-209-6237	INSTRUMENT & FIRE CONTROL	102 103 104 111 113 123 130 140 141 143 145 146 148 150 151 154 157 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV	A	B
5120-00-580-0012	WRENCH SET, TUBLR, PERISCOPE	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
5180-00-322-6053	TOOL KIT, FIRE CON-TROL MECH	102 104 111 113 123 130 140 141 143 148 151 154 191 194B 194C 195B 195C 196A 196B 233 250 278 290 294A 295A	S3	.65	400	0	5	OOV	ABC	BBC
5180-00-332-4203	TOOL KIT, FIELD ARTILLERY	102 104 111 113 123 130 141 143 151 154 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
5180-00-332-4204	TOOL KIT FIELD ARTILLERY	102 104 111 113 123 130 140 141 143 148 151 154 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	AB	BB
5180-00-332-4205	TOOL KIT, 105MM HOWITZER	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	C	C
5180-00-357-7727	TOOL KIT,ARTILLERY TURRET	102 103 104 111 113 123 130 140 141 143 148 151 191 194B 194C 195B 195C 196A 196B 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
5180-00.574-6437	TOOL SET. M.65 TELESCOPE	102 104 111 113 123 130 140 141143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	C	C
5180-00-591-0227	TOOL SET, 155MM GUN 8" HOW	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	C	C
5180-00-689-9943	TOOL KIT, M102 HOWITZER	102 104 111 113 123 130 140 141 143 148 150 151 154 191 194B 194C 195B 195C 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV	C	C
5180-00-699-3594	TOOL KIT,ARTILLERY MECH	102 104 111 113 123 130 141 143 151 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
5180-00-699-3595	TOOL KIT,ARTY, 155MM GUN	102 104 111 113 123 130 141 143 151 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
5180-00-713-7483	KIT, NITROGEN FILLING	102 104 111 113 123 130 141 143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
5180-00-714-6231	TOOL KIT, 155MM CAN-NON / MNT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5180-00-754-0.659	TOOL KIT.ARTILLERY, SUPP #1	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
518001-077-1175	TOOL KIT, M198 HOWITZER	102 104 111 113 123 130 140 141 143 148 151 154 191 194B 194C 195B 195C 233 250 278 290 294A 295A	S3	.65	4.00	0	5	OOV	ABC	BBC
5305-00-5160742	SCREW. 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5305-0-519-3499	SCREW, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBB
5305-00937-5667	SCREW, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	.BC
5306-00-073-2099	BOLT, TEE HEAD. M31 CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5307-00073-2090	BALL STUD, M31 HOW CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
53100-0071-0749	LOCK RING, M127 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC

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5310-00-500-9172	GLAND,AIR SEAL, RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5310-00-500-9568	SPRING, RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5310-00-501-5757	GLAND, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-501-7936	GLAND, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-515-7372	NUT, 105MM RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-516-7104	RING, RECOIL MECHANSIM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5310-00-519-1086	COLLAR, 155MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-519-1129	GLAND, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5310-00-519-4174	GLAND, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-591-0134	SPRINGAS, 105MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5310-00-591-0135	SPRINGAS, 105MM RECOIL MEC	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5310-00-591-0143	SPRINGASY, 155MM REC MECH	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-591-0146	SPRINGAS, RECOIL MECHANISM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5310-00-591-0147	SPRINGAS, RECOIL MECHANISM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5310-00-591-0149	SPRING AS, RECOIL MECHANISM	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5310-00-615-5630	RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-616-7111	NUT, 155MM RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-616-8282	RING, 155MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-801-6716	WASHER, FLAT, M178 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5310-00-801-6722	WASHER, SECTOR GEAR, M127 MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	..65	4.00	0	5	OOV	AC	BC
5310-00-801-6747	WASHER, PISTON ROD, M127 MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5310-00-937-5575	SPACER, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-00-937-5578	SPACER, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5310-99-941-9410	WASHER, LOCK, ELEVATING MASS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	9	5	OOV	AC	BC
5310-99-962-3043	WASHER, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 153 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
5310-99-962-8913	WASHER, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
5315-00-501-9262	INDICATOR, 105MM HOWITZER	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5315-00-501-9499	SCREW, RECOIL MECHANISM	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5315-00-514-2733	KEY, RECOIL MECHANISM	102 104 111113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5315-00-516-7105	KEY, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B

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5315-00-829-6486	PIN ASSY, 105MM HOWITZER	102 104 111 113 123 130 140 141 143 148 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BB
5315-0871-2940	PIN, CONNECTING ROD, M174 MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5315-00-937-5714	KEY, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5325-99-803-4869	GROMMET, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5325-99-942-3455	GROMMET, NONMETALLIC	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
5330-00-011-6131	REPAIR KIT, COUPLING ASSY	104 111 113 123 130 141 143 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	A	B
5330-00-073-5365	GASKET, M371M45 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	400	0	5	OOV	ABC	BBB
5330-00-104-66.65	GASKET, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-104-6666	GASKET, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-238-5601	GASKET, TELESCOPE COVER	104 111113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
5330-00-299-1244	FILLER, M2A5 RECOIL MECHAN	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	A	B
5330-00-305-0750	GASKET, RECOIL MECHANISM	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-00-500-6224	GASKET, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	400	0	5	OOV	A	B
5330-00-500-9173	FILLER.AIR SEAL. RECOIL MEC	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	A	B
5330-00-501-5746	WIPER, 105MM RECOIL MECHAN	104 111 113 123 130 141 151 154 195B 195C 233 250 278 295A	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-501-5758	RING, M2A5 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-501-5761	GASKET, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-501-7550	GLAND, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-513-9915	GASKET, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-514-0036	WIPER, RECOIL MECHANISM	104 111 113 123 130 141 151 154 195B 195C 233 250 278 295A	S3	.65	4.00	0	5	OOV	A	B
5330-00-514-0039	PLATE. RECOIL MECHANISM	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BB
5330-00-514-0040	PLATE, RECOIL MECHANISM	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-515-8875	FILLER, RECOIL MECHANISM	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-516-0661	GLAND, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5330400516-0662	CUP RING, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-516-0765	GASKET, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBB

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5330-00-516-0766	FILLER, 105MM RECOIL MECH	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-517-4940	RING, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-518-7061	GASKET, M6B2 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-519-1131	COMPRESSION RING, REC MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-525-1356	GASKET, RECOIL MECHANISM	104 111 113 123 130 141 151 154 195B 195C 233 250 278 295A	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-610-3692	FILLER, RECOIL MECHANISM	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	A	B
5330-00-610-4679	GLAND, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-615-0363	FILLER, RECOIL MECHANISM	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-616-9595	CUP RING, 155MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-710-9153	GLAND/PIN ASSY, 155MM RM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-711-7371	GLANDASY, M2A5 RECOIL MECH	102 104 111 113 123 130 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5330-00-714-8278	GLANDASY, RECOIL MECHANISM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5330-00-807-2853	SEAL. CUPOLA COVER - M109 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-00-822-1733	CUP RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-822-1749	CUP RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-822-1750	GLAND/KEYASSY, RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5330-00-822-1751	FILLER/PACKING AS, REC MECH	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	A	B
5330-00-822-1763	GLAND/KEYASSY, RECOIL MECH	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-822-1764	FILLER/PACKIN GAS. REC MECH	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
5330-00-851-4881	PACKING, M118A2 TELESCOPE	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A.	S3	.65	4.00	0	5	OOV	A	B
5330-00-871-2916	PACKING, M174 HOW GUN MOUNT	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-873-5381	SEAL, STOWAGE BOX COVER	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-00-890-2671	FILLER / PACKING AS, 105MM RM	104 111 113 123 130 141 143 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-907-7198	GLAND/DOWELL, M158 GUN MNT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B

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5330-00-907-7207	GLAND, M158 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-908-1731	RETAINER, M158 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-937-5679	RETAINER. M37 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-937-5681	RING, M371M37A1 RECOIL MECH	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	A	B
5330-00-937-5689	CUP RING, M37 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-937-5691	FILLER, M37 RECOIL MECHANIS	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-00.937-5692	FILLER, M37 RECOIL MECHANIS	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	ABC	BBB
5330-00-937-5695	RING. M37 RECOIL MECHANISM	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-937-5706	RING, M37 RECOIL MECHANISM	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-937-5717	RETAINER, M37 RECOIL MECHAN	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-00-939-0702	CUP RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5330-00-968-3703	SEAL, CUPOLA PERISCOPE - M109	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
5330-01-019-9704	ENCASED SEAL, M31 CARRIAGE	102 104 111 113 123 130 141 143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	AC	BC
5330-01-031-7139	PACKING, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
5330-01-031-7140	CUSHION, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-032-2391	GASKET, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 195B 195C 250 294A 295A	S3	.65	4.00	9	5	OOV	AC	BC
5330-01-032-2395	GASKET, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 195B 195C 250 294A 295A	S3	.65	4.00	9	5	OOV	A	B
5330-01-032-6503	SEAL, M39 HOWITZER CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-01-032-7055	GASKET, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 195B 195C 250 294A 295A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-033-1198	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330401-033-8339	GASKET. M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 195B 195C 250 294A 295A	S3	.65	4.00	9	5	OOV	AC	BC

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5330-01-033-8616	MOUNTING, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-035-1900	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-01-035-5129	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-01-036-2818	SEAL, M39 HOWITZER CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-01-036-6791	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-036-9788	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-037-3442	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-01-037-3443	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-01-037-3472	GASKET, M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 195B 195C 250 294A 295A	S3	.65	4.00	9	5	OOV	A	B
5330-01-037-8939	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141143 151154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-01-038-5905	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	A	B
5330-01-038-5906	FILLER, M45 RECOIL MECHAN	104 111 113 123 130 132 133 141 151 154 155 178 194B 94C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
1										
5330-01-038-7397	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-039-2515	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 195B 195C 250 290 294A 295A	S3	.65	4.00	9	5	OOV	AB	BB
5330-01-039-4535	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-01-039-4537	FILLER, M45 RECOIL MECHAN	104 111 113 123 130 132 133 141151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-039-7069	ENCASED SEAL, M39 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
5330-01-039-7070	FILLER, M45 RECOIL MECHAN	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	400	9	5	OOV	AC	BB
5330-01-040-1258	GASKET. THERMAL WARNING DEV	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	8	4	OOV	ABC	BBC
5330-01-042-3442	FILLER, M45 RECOIL MECHAN	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-050-7149	ENCASED SEAL, M1A2 CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	5	2	OOV	ABC	BBB
5330-01-061-4486	GASKET, TELESCOPE COVER	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-01-063-7634	SEAL. CAB BEARING - M109 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBB
5330-01-0.65-9766	SEAL, PROJECTILE DOOR - M109	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BB
5330-01-072-9518	SEAL. LEFT BUSTLE DOOR - M109	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BB
5330-01-072-9519	SEAL, RIGHT BUSTLE DOOR	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
5330-01-079-9598	SEAL. WEATHER COVER - M109 HW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BB
5330-01-093-6361	GASKET. M39 HOW CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 195B 195C 250 294A 295A	S3	.65	4.00	S	5	OOV	ABC	BBB
5330-01-098-2166	SEAL. BUSTLE DOOR - M109 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BB
5330-01-098-2167	SEAL. M109A2 HOWITZER DOOR	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BB
5330-01-098-2322	SEAL, BUSTLE DOOR - M109 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
5330-01-293-5337	SEAL, PLAIN	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-01-293-5338	SEAL. PLAIN	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-01-293-5339	SEAL. PLAIN	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-01-293-5340	SEAL PLAIN	104 111 113 123 130 132 133 141 143 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-100-6106	SEALING RING, BALAN-CING GEAR	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-143-1359	SEALING RING. L7A1 DL SIGHT	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-200-8105	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	ABC	BBC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
5330-99-224-5431	RUBBER STRIP, ELEVATING MAS	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-411-8360	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-417-2532	SEALING RING, ELEVATING MAS	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-417-2593	SEALING RING, TOROIDAL	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-417-3228	SEALING RING, TOROIDAL	104 111113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-423-5037	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-428-0007	SEALING RING, ELEVATING MAS	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-432-3110	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-453-4485	SEALING RING, ELEVATING MAS	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-453-4489	SEALING RING TOROIDAL	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-453-4821	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-453-4918	SEALING RING, TOROIDAL	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	ABC	BBC
5330-99-453-5058	SEALING RING, L3A1 CARRIER	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-523-7820	SEALING RING, FIRING MECHAN	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-713-9621	SEALING RING. L3A1 CARRIER	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-801-6624	SEALING RING, L3A1 CARRIER	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-801-6625	SEALING RING, L3A1 CARRIER	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-801-6642	SEALING RING, L3A1 CARRIER	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-803-4868	GASKET. GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-806-6925	SEALING RING, L2A1 ELB TEL	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-808-3279	WIPER RING. ELEVATING MAS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	ABC	BBC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
5330-99-808-3280	WIPER RING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-808-3281	WIPER RING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-808-3288	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-808-3293	ENCASED SEAL, GUN CARRIAGE	102 104 111 113 123 130 132 133 141 143 151 154 155 178 191 194B 194C 250 290 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-809-7836	SEALING RING, L7A1 DL SIGHT	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-810-2661	PACKING, PREFORMED	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-819-1056	SEALING RING. GUN CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-819-4005	SEALING RING, FIRING MECHAN	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-819-4949	RING. SEALING, TOROIDAL	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	ABC	BBC
5330-99-820-1776	GASKET, L3A1 SIGHT CARRIER	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-824-2234	PACKING, FIRING MECHANISM	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-824-2764	PACKING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-824-2765	PACKING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-824-2766	PACKING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	AB	BB
5330-99-824-2767	PACKING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	2	1	OOV	AB	BB
5330-99-824-2768	PACKING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	AB	BB
5330-99-824-2769	PACKING, ELEVATING MASS	104 111 113 123 130 132 133 141 151 154 155 178 195B 195C 250 295A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-881-2464	PACKING, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-942-8417	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-942-8451	GASKET, ELEVATING MASS - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-942-8453	GASKET, ELEVATING MASS - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
5330-99-942-8454	GASKET	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	ABC	BBC
5330-99-942-8457	GASKET, ELEVATING MASS - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-942-9521	SEALING RING, L7A1 DL SIGHT	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-943-1638	RING, SEALING, TOROIDAL	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-943-9667	RING. SEALING, TOROIDAL	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	ABC	BBC
5330-99-944-0045	SEALING RING, GUN CARRIAGE	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-946-7108	RING, SEALING, TOROIDAL	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-950-8213	RING, SEALING, TOROIDAL	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-951-6726	RING, SEALING, TOROIDAL	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	ABC	BBC
5330-99-962-2806	GASKET, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-962-5709	GASKET, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99962-5710	GASKET, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99963-9288	GASKET, GUN CAR-RIAGE - M119	104 111 113 123 130 132 133 141 151154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	.OOV	ABC	BBC
5330-99-964-4005	GASKET, L7A1 DIAL SIGHT	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5330-99-971-0516	RING, SEALING	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	ABC	BBC
5340-00-073-0172	PELLET. 105MM HOWITZER	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AC	CC
5340-00-073-2089	PLUG, M31 HOWITZER CARRIAGE	102 104 111 113 123 130 141 157 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5340-00-073-5369	CAP, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5340-00-073-5370	LOCK, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5340-00-439-.6514	KEY. FOLLOWER, M178 HOW MT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5340-00-513-9935	RETAINER, RECOIL MECHANISM	102 104 111 113 123 130 141 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5340-00-514-0032	RETAINER, RECOIL MECHANISM	102 104 111 113 123 130 141 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5340-00-518-8192	COVER, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5340-00-616-8746	COVER, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B

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National Stock Number	AQL Nomenclature	Quality Defect Codes	IL	MAJ	MIN	SLC	IFC	TRC	PC	TSC
5340-00-.653-9010	COVER AS. 155MM RECOIL MEC	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5340-00-678-8547	BRACKET AS, 155MM REC MECH	102 104 111 113 123 130 140 141 143 148 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5340-00-711-5282	EYE, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5340-00-781-6387	BUMPER, DOOR LATCH - M109 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
5340-00-937-5678	CONTROL ROD, M37 RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5340-01-073-1205	BUMPER, BUSTLE DOOR - M109 HW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
5340-01-082-1639	TUBE BRACKET, CAB HYDRAULIC	102 104 111 113 123 130 141 192 233 250 278 291	G2	400	.650	0	5	OOV	AC	BC
5340-01-152-2909	SPLIT SLEEVEAS, MT & QUAD	102 104 111 113 123 130 132 133 141 143 154 155 178 191 250 290	S3	.65	4.00	9	5	OOV	ABC	BBC
5340-99-808-3860	BUMPER, RUBBER	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	2	1	OOV	AB	BB
5340-99-833-8872	BUMPER, GUN CAR- - RIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AB	BB
5340-99-963-6693	BUMPER, GUN CAR- RIAGE - M119	102 104 111 113 123 130 132 133 141 143 151 154 155 178 192 194B 194C 250 291 294A	S3	.65	4.00	9	5	OOV	AB	BB
5340-99-963-6694	BUMPER, GUN CAR- RIAGE - M119	102 104 111 113 123 130 141 143 151 154 191192 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	AB	BB
5340-99-964-5766	PLUG, SEAL, CARRIAGE - M119	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AB	BB
5340-99-964-6231	PLUG, SEAL, CARRIAGE - M119	102 104 111 113 123 130 132 133 141 143 151 154 155 178 192 194B 194C 250 291 294A	S3	.65	4.00	9	5	OOV	AB	BB
5355-99-963-6720	POINTER, DIAL	102 103 104 111 113 123 130 132 133 140 141 143 154 155 169 178 180 191 196A 196B 250 290	S3	.65	4.00	9	5	OOV 5RA	AB	BB
5355-99-964-2703	POINTER, DIAL	102 103 104 111 113 123 130 132 133 140 141 143 154 155 169 178 180 191 196A 196B 250 290	S3	.65	4.00	9	5	OOV 5RA	AB	BB
5360-00-071-0752	SPRING. M127 HOWITZER MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5360-00-500-9569	SPRING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5360-00-501-9764	SPRING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5360-00-515-7373	SPRING, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5360-00-516-7162	SPRING. RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5360-00-516-7163	SPRING, RECOIL MECHANISM	102 104 111 113 123 130141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5360-00-516-7388	SPRING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B

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5360-00-517-4937	SPRING. RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5360-00-519-1898	SPRING. RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5360-00-615-1953	SPRING, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5360-00-801-6851	SPRING, M127 HOWITZER MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5360-00-808-7877	SPRING, ELECTR CON-TACT RING	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5360-00-937-5702	SPRING, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-00-018-8499	WASHER. THRUST, M178 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5365-00-133-9630	SHIM, ELECTRIC CON-TACT RING	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5365-00-500-9171	FOLLOWER, AIR SEAL, REC MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5365-00-501-7935	RING, 105MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-40-501-8496	GASKET, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-00-516-6209	FOLLOWER, M158 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-00-517-2789	RETAINER, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5365-00-556-5125	FOLLOWER, 105MM RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-00-610-4968	RING, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5365-00-615-5851	PLUG, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-00-616-8248	RING, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5365-00-617-0983	FOLLOWER, 155MM RECOIL MEC	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
53654.00-633-4939	RETAINING RING, M178 MOUNT	102 104 111 113 123 130 140 141143 151 154 191 194B 194C 233 250 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
5365-00-714-8070	RETAINER, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5365-00-714-8271	FOLLOWER, RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5365-00-802-2415	NUT, RETAINING, M127 HOW MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-00-802-2457	NUT, PLAIN, M178 HOW MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5365-00-903-4314	SHIM, M31 HOWITZER CARRIAGE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
5365-00-907-9885	FOLLOWER, M158 GUN MOUNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5365-00-937-5686	NUT, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5365-00-937-5697	SPACER, M37 RECOIL MECHANIS	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5365-00-937-5704	BEARING, M37 RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5365-00-937-5707	SCREW, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5365-00-937-5716	NUT, M37 RECOIL MECHANISM	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB
5365-00-937-5718	NUT, M37/M37A1 RECOIL MECH	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AB	BB

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
5365-00-981-8616	PLATE, MOUNTING. TELESCOPE	102 104 111 113 123 130 141 191 233 250 278 290	S2	250	4.00	0	5	OOV	A	B
5365-01-072-8410	INSERT, PROJ STOWAGE RACK	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
53.65-01-192-4175	SPACER, PLATE - M18 PLOTTING	102 104 111 113 123 130 140 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	C	C
5855-99-964-4064	MOUNTED PRISM	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	AB	BB
5895-00-425-6036	FREQUENCY CONTROL SUBASSY	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
5945-00-617-1020	STOP, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
5975-00-714-8280	GLAND ASY, RECOIL MECHANISM	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5975-00-907-6773	STUFFING BOX, M158 GUN MNT	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5975-00-907-9923	GLAND/KEY ASSY, M158 GUN MT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5975-00-907-9983	GLAND/DOWELL ASY, M158 MT	102 104 111 113 123 130 140 141 143 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
5977-00-179-5163	ARM ASY, ELECTRICAL CONTACT	102 104 111 113 123 130 140 141 143 148 150 151 154 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
5977-00-937-3688	HOLDER AS, ELECTRIC CONTACT	102 104 111 113 123 130 140 141 143 148 150 151 154 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
5995-00-242-3529	CABLE AS, ELECT CON-TROL BOX	102 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	6	3	OOV	ABC	BBC
5995-01-041-2110	CABLE ASSY, POWER SUPPLY	102 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 178 191 194B 194C 290 294A	S3	.65	4.00	5	2	OOV	C	C
5998-00-861-9997	NETWORK, "B" COM-PUTER - M18	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
5998-00-861-9998	NETWORK, "A" COM-PUTER - M18	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
5998-00-862-0019	GENERATOR, DIGITAL CLOC - M18	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
59984.00-976-9255	CABLE 4 DIODE ASSEMBLY	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
S999-00-862-0015	RECTIFIER, TRAN-SISTOR - M18	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
6110-00-861-7109	VOLTAGE REGULATOR SUB #2	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BB
6110-00-861-7110	VOLTAGE REGULATOR SUB #1	102 103 104 111 113 123 130 140 141143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BB
6110-00-861-7111	VOLTAGE REGULATOR SUB #3	102 103 104 111 113 123 130 140 141143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
6110-00-862-0018	VOLTAGE REGULATOR SUB #4	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
6130-00-425-6034	POWER SUPPLY SUBASY - M36 CG	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
6130-00-862-0014	POWER SUPPLY AS-M18 COMPUT	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
6150-00-862-0021	CABLE ASY, SPEC PUR-POSE - M18	102 104 111 113 123 130 140 141 143 148 150 151154 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
6150-01-210-3671	CABLE ASSY, M114/M198 HOW	102 104 111 113 123 130 140 141 143 148 150 151154 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
6260-00-332-1783	LIGHT SOURCE, M1A1 COLIMATR	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	X	5	OOV 5RA	A	B
6260-00-360-9445	CAP ASSY, ALINEMENT DEVICE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	9	5	5OP 5RA	AB	QQ
6260-01-051-9606	LIGHT SOURCE, M137 PAN TEL	103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 194B 194C 196A 196B 294A	S3	.65	4.00	9	5	OOV 5RA	A	B
6260-01-096-4479	LAMP, NUCLEAR, M113A1 PANTEL	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 194B 194C 196A 196B 290 294A	S3	.65	4.00	9	5	OOV 5RA	AC	QQ
6260-01-113-7947	LAMP, NUCLEAR, M138 PAN TEL	103 104 111 113 123 130 132 133 141 143 154 155 169 178 180 196A 196B 250	S3	.65	4.00	9	5	OOV 5RA	A	Q
6260-01-114-3139	LAMP, NUCLEAR, ELB TELESCOPE	103 104 111 113 123 130 132 133 141 143 154 155 169 178 180 196A 196B 250	S3	.65	4.00	S	5	OOV 5RA	ABC	QQQ
6260-01-114-3140	LAMP, NUCLEAR, ELB TELESCOPE	103 104 111 113 123 130 132 133 141 143 154 155 169 178 180 196A 196B 250	S3	.65	4.00	9	5	OOV 5RA	A	B
6260-01-114-3141	LAMP, NUCLEAR, M171M18 QUAD	103 104 111 113 123 130 132 133 141 143 154 155 169 178 180 196A 196B 250	S3	.65	4.00	S	5	OOV 5RA	AB	BB

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
6260-01-114-3142	LAMP. NUCLEAR, M14A1 QUAD	103 104 111 113 123 130 132 133 141 143 154 155 169 178 180 196A 196B 250	S3	.65	4.00	9	5	OOV 5RA	A	Q
6260-01-133-4137	LAMP, NUCLEAR, M114A1 ELBTEL	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	S	5	OOV 5RA	AB	BB
6260-01-135-3161	LIGHT ASSY, ELBOW TELESCOPE	102 103 104 111 113 123 130 132 133 140 141 143 148 150 151 154 155 169 178 180 191 196A 196B 290	S3	.65	4.00	9	5	OOV 5RA	AB	BB
6260-01-136-3616	LAMP, NUCLEAR, PAN TELESCOPE	103 104 111 113 123 130 132 133 141 143 154 155 169 178 180 196A 196B 250	S3	.65	4.00	9	5	OOV 5RA	AB	QQ
6260-01-280-1795	LAMP. NUCLEAR, M90E6 TELESCO	102 103 104 111 113 123 130 132 133 140 141 143 148 151 154 155 169 178 180 191 194B 194C 196A 196B 250 290 294A	S3	.65	4.00	4	2	OOV 5RA	AB	QQ
6260-01-283-8.659	LAMP. NUCLEAR, M187 MOUNT	102 103 104 111 113 123 130 132 133 140 141 143 148 151 154 155 169 178 180 191 194B 194C 196A 196B 250 290 294A	S3	.65	4.00	X	5	OOV 5RA	AB	QQ
6605-01-229-8504	DYNAMIC REFERENCE UNIT	102 103 104 111 113 123 130 140 141 143 148 150 151 154 174 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
6625-00-020-2369	INDICATOR, DIGITAL DISPLAY	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
6625-00-065-5328	AMPLIFIER ASSY, PHOTO DIODE	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BC
6625-00-870-3749	AMPLIFIER, DETECTOR - M36 RC	102 103 104 111 113 123 130 140 141 143 148 150 151 154 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	ABC	BCC
6625-01-229-8505	VEHICLE MOTION SEN-SOR - MAPS	102 103 104 111 113 123 130 140 141 143 148 150 151 154 174 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
6650-00-503-6234	PRISM, M62 ELBOW TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	A	B
6650-00-530-0959	BINOCULAR, 7 X 50, M15A1	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BB
6650-00-530-0960	TELESCOPE, STRAIGHT, M49	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
6650-00-530-0973	BINOCULAR, 6 X 30, M13A1	102 103 104 111 113 123 130 140 141143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BC

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
6650-00-531-6907	LENS M49 OBSERV TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 5OP	AB	BB
6650-00-587-0986	BORESCOPE, M2	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	AB	BC
6650-00-618-0726	PRISM PORRO, M49 TELESCOPE	103 104 113 123 130 141 169 180 196A 196B 211 233 250 278	S3	.65	4.00	0	5	OOV 50P	A	B
6650-00-670-2512	BINOCULAR, 7 X 50, M15	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV50P	ABC	BBC
6650-00-670-2514	BINOCULAR, M16	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	A	B
6650-00-670-2516	BINOCULAR, 7 X 50, M17	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 50P	ABC	BBC
6650-00-678-5627	TELESCOPE, OBSERVATION, M48	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 257 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
6650-00-704-3549	PERISCOPE, M17	102 103 104 111 113 123 130 140 141 143 148 150 151 154 169 174 180 191 194B 194C 196A 196B 233 278 290 294A	S3	.65	4.00	0	5	OOV 5OP	AB	BB
6650-00-763-5304	PRISM, M12A7 SER TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	A	B
6650-00-764-9241	PRISM, M62 ELBOW TELESCOPE	102 103 104 111 113 123 130 140 141 143 148 150 151 169 180 191 196A 196B 233 278 290	S3	.65	4.00	0	5	OOV 5OP	ABC	BCC
6650-01-063-0035	BORESCOPE, M3	102 103 104 111 113 123 130 140 141 143 148 150 151 154 168 169 174 180 191 194B 194C 195B 195C 196A 196B 233 278 290 294A 295A	S3	.65	4.00	0	5	OOV 5OP	A	B
6650-01-097-3940	EYESHIELD, M31M4 BORESCOPE	104 111 113 123 130 141 151 154 194B 194C 233 250 278 294A	S3	.65	4.00	0	5	OOV	ABC	BBC
6695-00-944-8066	LIGHT CONDUCTOR, TELESCOPE	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
7010-01-188-8051	COMPUTER SYSTEM, BACKUP, SPE	102 103 104 111 113 123 130 140 141 143 148 150 151 168 169 180 191 194B 194C 195B 195C 196B 233 257 278 290 294A 295A 296A	S3	.65	4.00	0	5	OOV 5OP	A	B

APPENDIX A - CODED STANDARDS

National Stock Number	Nomenclature	Quality Defect Codes	IL	AQL MAJ	AQL MIN	SLC	IFC	TRC	PC	TSC
7021-01-188-8050	COMPUTER SYSTEM, BACKUP, GEN	102 103 104 111 113 123 130 140 141 143 148 150 151 168 169 180 191 194B 194C 195B 195C 196B 233 278 290 294A 295A 296A	S3	.65	4.00	0	5	OOV 50P	A	B
7025-01-199-8707	PRINTER, AUTOMATIC DATA PRO	102 103 104 111 113 123 130 140 141 143 148 150 151 180 191 194B 194C 233 257 278 290 294A	S3	.65	4.00	0	5	OOV	AB	BB
7025-01-229-8568	CONTROL/DISPLAY UNIT - MAPS	102 103 104 111 113 123 130 140 141 143 148 150 151 154 174 180 191 194B 194C 233 278 290 294A	S3	.65	4.00	0	5	OOV	A	B
8140-99-964-9410	WASHER, SEAL. LOCK	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	2	1	OOV	A	B
9320-01-068-.6531	SEAL, RIGHT BUSTLE DOOR ASY	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	AC	BC
9320-99-9.65-4029	BOLT, GUN CARRIAGE - M119 HOW	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B
9320-99-9.65-5727	SEAL, GUN CARRIAGE, M119 HOW	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
9540-00-616-7194	LINER, 155MM RECOIL MECHAN	102 104 111 113 123 130 141 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
9905-00-198-2728	INSTRUCTION MARKER, CAUTION	104 111 113 123 130 132 133 141 151 154 155 178 194B 194C 250 294A	S3	.65	4.00	9	5	OOV	A	B
9905-00-348-8393	I D PLATE, M6A2 RECOIL MECH	102 104 111 113 123 130 141 154 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
9905-00-508-0908	I D PLATE. M2A5 RECOIL MECH	102 104 111 113 123 130 141 154 191 233 250 278 290	S3	.65	4.00	0	5	OOV	AC	BC
9905-00-508-0909	I D PLATE, M2A4 RECOIL MECH	102 104 111 113 123 130 141 154 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
9905-00-922-2554	I D PLATE, M37 RECOIL MECHAN	102 104 111 113 123 130 141 154 191 233 250 278 290	S3	.65	4.00	0	5	OOV	ABC	BBC
J905-00-973-1075	I D PLATE, M127 HOW MOUNT	102 104 111 113 123 130 141 154 191 233 250 278 290	S3	.65	4.00	0	5	OOV	A	B

APPENDIX B

INSPECTION FREQUENCY

B-1. Purpose.

The purpose of this special instruction is to provide the storage inspection frequency for each National Stock Number (NSN) listed m appendix A

B-2. Instructions.

a. The inspection frequency for each type storage and level of protection is shown m Table B-1.

b. The abbreviations used m Table B-1 are as follows:

IFC - Inspection Frequency Code
PC - Packing Code
TSC - Type Storage Code

c. The codes used in Table B-1 are defined in section II, paragraph 2-6.

d. An example using Table B-1 to determine inspection frequency is given below.

(1) Given. A quantity of an item with an NSN listed in appendix A has been provided Level B, intermediate military protection, and Is stored in an unheated warehouse.

(2) *Problem* Determine the inspection frequency

(3) Solution

(a) Refer to Table B-1.

(b) The level of protection has been given as Level B, which can be found on Table B-1 as PC B (Packing Code B).

(c) The type storage has been given as an unheated warehouse, which is designated Type Storage Code B m section II, paragraph 2-6f of this bulletin. Type Storage Code B Is abbreviated as TSC B on Table B-1.

(d) The intersection of Type Storage (TSC B) and level of protection (PC B) is at IFC 3.

(e) IFC 3 lists a period of 24 months. Therefore, all items stored m Type Storage Code B and packaged with Packing Code B, shall be inspected every 24 months.

(f) If the IFC determined by the above procedure is different from the IFC given m appendix A, then the item shall be inspected to the more frequent IFC.

Table B-1. Inspection Frequency

TYPE STORAGE	LEVEL OF PROTECTION		
	PC A (MAX MIL)	PC B (INTERMED MIL)	PC C (MIN MIL)
	INSPECTION FREQUENCY		
TSC C (Controlled Humidity)	IFC 5 (60 months)	IFC 5 (60 months)	IFC 4 (30 months)
TSC A Heated Space	IFC 4 (30 months)	IFC 4 (30 months)	IFC 3 (24 months)
TSC B Unheated Space	IFC 3 (24 months)	IFC 3 (24 months)	IFC 2 (12 months)
TSC G (Shed) or TSC U (Open Space)	IFC 2 (12 months)	*NOT PERMITTED	NOT PERMITTED

NOTE Items with Federal Stock Class 2510 are permitted and shall have an IFC 2 (12 months)

APPENDIX C

QUALITY ASSURANCE INSPECTION INSTRUCTION

OPTICS AND FIRE CONTROL ITEMS

TRC-50P

-WARNING-

The antireflective coating on all infrared optics contains thorium fluoride which is slightly radioactive. The only potential hazard involves ingestion (swallowing or inhaling) of this coating material. Disposal of broken lenses shall be min accordance with AR 385-11. Questions concerning radioactive safety or procedures may be directed to Radiological Protection Officer, Attn. AMSMC-SFS, Rock Island, IL, 61299-6000.

C-1. Purpose.

The purpose of this inspection instruction is to provide instructions for the inspection of Optics and Fire Control Items

C-2. Policy.

This inspection instruction shall be used to detect any significant deterioration of materiel in storage and to avoid over-inspection.

C-3. Instructions.

This inspection instruction provides supplementary inspection instructions for the materiel m appendix A which cites the TRC of this appendix.

a References

(1) AR 385-11 Ionizing Radiation Protection (Licensing, Control, Transportation, Disposal and Radiation Safety).

(2) Drawing 7641866 Surface Quality Standards for Optical Elements (Scratch).

(3) MIL-0-13830 Optical Components for Fire Control Instruments; General Specification Governing the Manufacture, Assembly, and Inspection of.

(4) MIL-STD-1241 Optical Terms and Definitions.

(5) TM 9-258 Elementary Optics and Application to Fire Control Instruments.

(6) TM 9-1090-207-13&P Operator, Aviation Unit and Intermediate Maintenance Manual With Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools) for Rocket Management Subsystems Inventory Deployment XM138, Part No. 9324106-002, NSN 1090-01-077-8939.

(7) TM 9-1200-206-34-1 Intermediate Direct Support and Intermediate General Support Maintenance Manual: Volume 1 of 3, Tank, Combat, Full-Tracked: 105-MM Gun, M1 (2350-01-061-2445) and Tank, Combat, Full-Tracked: 105-MM Gun, IPM1 (2350-01-136-8738) and Tank, Combat, Full-Tracked: 120-MM Gun, M1A1 (2350-01-087-1095) General Abrams, Sighting and Fire Control.

(8) TM 9-1200-213-34 Intermediate Direct Support and Intermediate General Support Maintenance Manual for Carrier, Dial Sight, L7A1 (1240-99-964-2698), Sight, Dial, L3A1 (1240-99-964-4080), and Telescope, Elbow Sighting, L2A1 (1240-99-962-9583).

(9) TM 9-1220-203-34 Direct Support and General Support Maintenance Manual. Volume I - Troubleshooting, Volume II - Maintenance, Ballistics Computer: M13 (1220-00-344-4678), M13A1 (1220-00-546-9735), M13A1C (1220-00-774-9445), M13A1D (1220-00-676-2182), M13A2 (1220-00-856-9454), M13A4 (1220-00-444-7580) and M13BIC (1220-00-870-6274)

(10) TM 9-1220-220-34 Direct Support and General Support Maintenance Manual: Volume I - Troubleshooting, Volume II - Maintenance, Ballistics Drive: M10 (1220-00-676-2184), M10A1 (1220-00-076-97.65), M10OA3 (1220-00-572-8735), M10A4 (1220-00-856-9453), M10A5 (1220-00-980-9297) and M10A6 (1220-00-933-1203).

(11) TM 9-1220-221-10-1 Operator's Manual for Computer, Gun Direction, M18 (Counterfire FADAC) 1220-00-448-0131.

(12) TM 9-1220-221-10-2 Operator's Manual for Computer, Gun Direction, M18 (Cannon/Lance FADAC) 1220-00-448-0131.

(13) TM 9-1220-221-20&P Organizational Maintenance Manual Including Repair Parts and Special Tools List for Computer, Gun Direction, M18 (FADAC) 1220-00-448-0131.

(14) TM 9-1220-221-34/1 Direct Support and General Support Maintenance Manual for Computer, Gun Direction, M18 (FADAC) (NSN 1220-00-448-0131)

(15) TM 9-1220-221-ESC Equipment Serviceability Criteria for Computer, Gun Direction, M18, W/E (1220-448-0131).

(16) TM 9-1220-223-14 Operator, Organizational, Direct Support and General Support Main-

tenance Manual Including Repair Parts and Special Tool Lists for Indirect Fire Plotting Board, M17 W/E 5220-588-7282)

(17) TM 9-1220-231-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts) Volume I - Troubleshooting, Volume II - Maintenance, Ballistic Drive- M15 (1220-00-071-5330).

(18) TM 9-1220-238-14 Operator, Organizational, Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tool Lists and Depot Maintenance Repair Parts and Special Tools) for Plotting Board, Flash Ranging, M18 W/E, NSN 1220-00-133-7039.

(19) TM 9-1220-239-34 Direct Support and General Support Maintenance Manual for Ballistics Computer, M21, NSN 1220-00-348-8437.

(20) TM 9-1220-242-12&P Operator's and organizational Maintenance Manual (Including Repair Parts and Special Tools List) for Computer Set, Field Artillery, General (1220-01-082-1646) and Computer Set, Field Artillery, Missile (1220-01-082-4647).

(21) TM 9-1220-243-12&P Operator's and Organizational Maintenance Manual Including Repair Parts and Special Tools List For Plotting Board, Indirect Fire, M16 W/E (1220-00-602-7941) and Plotting Board, Indirect Fire, M19 W/E (1220-01-059-7989).

(22) TM 9-1220-246-12&P Operator's and Organizational Maintenance Manual (Including Repair Parts and Special Tools List): Mortar Ballistics Computer Set, M23 (1220-01-119-6049).

(23) TM 9-1220-246-34&P Direct Support and General Support Maintenance Manual (Including Repair Parts, Special Tools and Depot Maintenance Repair Parts List): Motor Ballistics Computer Set, M23 (1220-01-119-6049).

(24) TM 9-1240-211-35 Direct Support, General Support, and Depot Maintenance Manual Including Repair Parts and Special Tools List. Telescope, Straight-M90C (1240-764-8432), M90D (1240-759-7853), M90F (1240-601-40.65) and XM128 (1290-087-5527).

(25) TM 9-1240-216-34 Direct Support and General Support Maintenance Manual, Volume I - Troubleshooting, Volume II - Maintenance. Periscope, Tank: M19 - Old and New Configuration (NSN 6.650-00-785-2971 and 1240-01-005-6035), M24 - Old and New Configuration (6.650-00-344-4647 and 1240-01-005-6036).

(26) TM 9-1240-239-35 Direct Support, General Support and Depot Maintenance Manual: Periscope, Tank: M28 (T46) (1240-00-346-8735), M28C (1240-00-706-0794) and M28D (1240-00-990-1851).

(27) TM 9-1240-258-34 Direct Support and General Support Maintenance Manual, Volume I - Troubleshooting, Volume II - Maintenance- Rangefinder-M17A1 (1240-00-875-7933) W/Container, M17BlC (1240-00-863-5642) W/Container and M17C (1240-00-676-2173) W/Container.

(28) TM 9-1240-259-35 Field and Depot Maintenance Manual: Telescope, M103

(29) TM 9-1240-262-34&P Direct Support and General Support Maintenance Manual, Including Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts) Volume I - Troubleshooting; Volume II - Maintenance: Telescope, Articulated: M105D (1240-00-980-1745) and M105F (1240-00-764-1668).

(30) TM 9-1240-271-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List, Volume I - Troubleshooting, Volume II - Maintenance: Mount, Periscope: M118 (1240-00-796-9686) and M118E1 (1240-00-348-8446).

(31) TM 9-1240-272-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List, Volume I - Troubleshooting, Volume II - Maintenance: Mount, Periscope: M119 (1240-00-394-3148) and M119E1 (1240-00-394-3149).

(32) TM 9-1240-276-34 Direct and General Support Maintenance Manual: Telescope, Elbow: M118 (1240-00-819-4519), M118C (1240-00-819-4520), M118CA1 (1240-00-491-9676) and M118A2 (1240-01-092-2693).

(33) TM 9-1240-278-12 Operator and Organizational Maintenance Manual: Sight, Bore, Optical M45 (1240-00-690-8811).

(34) TM 9-1240-285-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List; Volume I - Troubleshooting; Volume II - Maintenance- Mount, Tele-scope. M114 (1240-00-676-2176).

(35) TM 9-1240-285-35 Field and Depot Maintenance Manual: Telescope Mount, M114 (T199).

(36) TM 9-1240-287-34 Direct Support and General Support Maintenance Manual- Sight Unit, M53.

(37) TM 9-1240-288-35 Direct Support, General Support and Depot Maintenance: Telescope, Elbow: M16AlD, M16A1F, M16AlG, M116, and M116C.

(38) TM 9-1240-291-35 Field and Depot Maintenance Manual: Telescope Mount Holder, XM7

(39) TM 9-1240-297-35 Field and Depot Maintenance Manual. Telescope Mount, M110

(40) TM 9-1240-298-35 Field and Depot Maintenance Manual: Sight Units M34, M34A1, M34A2, and M34A2C

(41) TM 9-1240-306-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List (Includes Depot Maintenance Repair Parts and Special Tools)- Telescope, Panoramic: M113 (NSN 1240-00-076-0066), and Telescope, Panoramic: M113A1 (NSN 1240-00-150-8886)

(42) TM 9-1240-307-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List (Includes Depot Maintenance Repair Parts and Special Tools): Mount, Telescope, M134 (NSN 1240-00-0.65-5318), and Mount, Telescope, M134A1 (NSN 1240-00-150-8890).

(43) TM 9-1240-308-34&P Direct Support and General Support Maintenance for Telescope, Elbow, M114 (NSN 1240-00-983-0839) and Telescope, Elbow, M114A1 (NSN 1240-00-150-8889) (Including Direct Support, General Support, and Depot Maintenance Repair Parts and Special Tools for the Telescope, Elbow, M114 Only).

(44) TM 9-1240-309-34 Direct Support and General Support Maintenance Manual for Periscope, Tank: XM44 (1240-00-788-5463), XM44E1 (1240-00-933-5630), XM44E2 (1240-00-176-1031), XM44E3 (1240-00-167-0912) and XM44E4 (1240-00-184-9897) Including Associated Equipment: Battery Storage (6140-00-948-1554); Boresight Aid Assembly (1240-00-950-1605); Bracket, Battery Mounting (8589807), Linkage Assembly (1240-00-906-7940), Mount Assembly (1240-00-901-8134); Panel Assembly (1240-00-915-5725) or Panel Assembly (1240-00-181-5612) and Plate Assembly (1240-00-916-5914); Components of Washer Pump and Reservoir Assembly.

(45) TM 9-1240-311-34 Direct Support and General Support Maintenance Manual For Telescopes, Articulated. M127 (1240-437-1254) and M127A1 (M127E1) (1240-148-8539) and Hanger Assembly (1240-906-7945)

(46) TM 9-1240-312-34 Direct Support and General Support Maintenance Manual for Mount, Telescope: M149 (1240-00-762-9334).

(47) TM 9-1240-315-35 Field and Depot Maintenance Manual Periscope, M37

(48) TM 9-1240-318-35 Direct Support, General Support, and Depot Maintenance Manual Including Repair Parts and Special Tools List for Telescope, Straight: M120 (1240-930-4259) and Telescope, Straight XM134 (1240-179-1155)

(49) TM 9-1240-322-34&P Direct Support and General Support Maintenance Manual Including Repair Parts ,and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools List) Volume I - Troubleshooting, Volume II - Maintenance: Sight, Infinity: 8635466 (1240-00-056-4854).

(50) TM 9-1240-322-35 Direct Support, General Support, and Depot Maintenance Manual- Sight, Infinity, 8635466 (1240-00-056-4854)

(51) TM 9-1240-324-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools List) for Collimator, Infinity Aiming Reference. M1 (NSN 1240-00-066-60.65) and M1A1 (Radioactive) (NSN 1240-00-332-1780); Control, Light Source, Remote (NSN 1240-00-878-5566) and Battery Power Supply. M9 (NSN 6140-00-076-00.65)

(52) TM 9-1240-368-12 Operator and Organizational Maintenance Manual (Including Repair Parts and Special Tools Lists): Periscope, Battery Command: M.65 W/E 1240-00-678-5577.

(53) TM 9-1240-368-34 Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools List) for Periscope, Battery Command: M.65 W/E (1240-00-678-5577).

(54) TM 9-1240-369-34 Direct Support and General Support Maintenance Manual for Range Finder, Fire Control: (Laser) AN/VVG-1 (1240-00-470-2156).

(55) TM 9-1240-371-34 Direct Support and General Support Maintenance Manual for Fire Control, Laser Range Finder, AN/VVG-2 (NSN 1240-00-348-8436).

(56) TM 9-1240-372-10 Operator's Manual Binoculars, W/E: M3 (1240-00-670-2491), M7 (1240-00-670-2500), M13 (1240-00-670-2508), M13A1 (1240-00-530-0973), M15A1 (1240-00-530-0959), M16 (1240-00-670-2514) and M17A1 (1240-00-530-0974).

(57) TM 9-1240-375-34 Direct Support and General Support Maintenance Manual for Quadrant, Fire Control: M17 (1290-01-037-3883); Quadrant, Fire Control- M18 (1290-01-037-7289); Mount, Telescope and Quadrant. M171 (1240-01-039-7273), Mount, Telescope and Quadrant M172 (1240-01-037-7290); Telescope, Panoramic. M137 (1240-01-038-0531); and Telescope, Elbow. M138 (1240-01-038-0530).

(58) TM 9-1240-379-34 Direct Support and General Support Maintenance Manual for Tank Periscope: M32 (1240-00-766-4281), M32C (1240-00-762-9335), M32E1 (1240-01-016-2272), M32CE1 (1240-01-092-7910).

(59) TM 9-1240-380-34 Direct Support and General Support Maintenance Manual, Volume I - Troubleshooting, Volume II - Maintenance. Periscope Tank- M36 (1240-00-980-9291) and M36E1

1240-00-348-8441)

(60) TM 9-1240-381-10 Operator's Manual. Binocular, M19 W/E (1240-00-930-3833).

(61) TM 9-1240-381-24&P Organizational Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools List and Depot Maintenance Repair Parts and Special Tools). Binocular, M19 W/E (1240-00-930-3833).

(62) TM 9-1240-382-34 Direct Support and General Support Maintenance Manual: Periscope, Tank, M35E1 (NSN 1240-00-348-8442).

(63) TM 9-1240-386-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List (Includes Depot Maintenance Repair Parts and Special Tools): Mount, Telescope 1240-01-050-5588 (Part of M64 Sight Unit) and Mount, Telescope 1240-01-201-8299 (Part of M64A1 Sight Unit).

(64) TM 9-1240-398-34 Direct Support and General Support Maintenance Manual for Tank Thermal Sight ANfVSG-2 (SM-C-804907-1), AN/VSG-2A (500.6509) Consisting of Power Converter (1240-01-063-6135), Tank Thermal Mount (1240-01-060-2819), Commanders Display (1240-01-063-1401), Gunners Display (1240-01-063-1351), Head Assembly (1240-01-063-6088) (AN/VSG-2), Head Assembly (1240-01-237-1580) (ANfVSG-2A).

(65) TM 9-1240-4.00-34&P Direct and General Support Maintenance Manual (Including Repair Parts, Special Tools, and Depot Maintenance Repair Parts List) for Telescope, Panoramic: M115 (1240-00-895-9186); Mount, Telescope: M138 (1240-00-896-2240) and Mount, Telescope: M137 (1240-00-895-6492)

(66) TM 9-1240-401-34 Direct Support and General Support Maintenance Manual for Panoramic Telescope: M117 (1240-00-864-2930), Panoramic Telescope: M117A2 (1240-00-106-7754), Telescope Mount: M145 (1240-00-871-2969), Image Assembly (1240-00-871-5475), Elbow Telescope: M118A2 (1240-01-092-2693), Telescope Mount: M146, (1240-00-864-0348), and Periscope: M42 (1240-00-864-2933).

(67) TM 9-1270-205-34 Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools List and Depot Maintenance Repair Parts and Special Tools List) for Sight, Reflex, Helicopter: XM60 (1270-903-1105), XM60E1 (1270-808-9399) and M60A1 (1270-450-9682).

(68) TM 9-1270-212-14&P Operator, Organizational, Direct Support, and General Support Maintenance Manual (Including Repair Parts and Special Tools List and Depot Maintenance Repair Parts and Special Tools) for Fire Control Subsystem, Helmet-Directed, XM128 *P/N* 2277716-00 NSN 1270-00-122-9449 and Fire Control Subsystem, Helmet-Directed, XM136 P/N 2277716-01 NSN 1270-01-041-3767.

(69) TM 9-1270-218-13&P Operator's, Aviation Unit and Aviation Intermediate Maintenance Manual with Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools). Digital Fire Control Computer, XM22, Part Number 8680050-507, NSN 1270-01-070-0494.

(70) TM 9-1270-219-13&P Operator, Aviation Unit and Intermediate Maintenance Instructions with Repair Parts and Special Tools List (RPSTL) (Including Depot Maintenance Repair Parts and Special Tools List) for Fire and Flight Air Data Sub-system, Helicopter Armament- XM143, PN 03-004-02, NSN 1270-01-072-4220.

(71) TM 9-1270-220-13&P Operator, Aviation Unit, and Aviation Intermediate Maintenance Manual with Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools) for Sight, Helicopter: Head-Up System: XM76 NSN 1270-01-072-4555.

(72) TM 9-1270-221-23 Aviation Unit and Intermediate Maintenance Manual for Fire Control Subsystem Helmet Directed: M142 (Used with M139 Helicopter Armament Subsystem) (Used on AH-64A Helicopter).

(73) TM 9-1285-200-30 Direct Support Maintenance Manual for Radar Set, ANNPS-2, (10549058).

(74) TM 9-1285-200-30-1 Contact Team Manual for Radar Set, AN/VPS-2 (1285-00-087-4746 or 1285-00-179-4218).

(75) TM 9-1285-200-35/2 Direct Support, General Support, and Depot Maintenance Manual: Radar Set, AN/VPS-2, (10549058).

(76) TM -9-1285-210-30 Direct Support Maintenance Manual for Radar Set, ANfVPS-2A (NSN 1285-01-224-2583).

(77) TM 9-1285-210-30-1 Contact Team Manual for Radar Set, AN/VPS-2A, (9360797), (NSN 1285-01-224-2583).

(78) TM 9-1290-200-14&P Operator's Unit, Intermediate Direct Support and Intermediate General Support Maintenance Manual (Including Repair Parts and Special Tools List) for Quadrant, Fire Control, Gunner's, M1A1, with M82 Carrying Case (1290-00-891-9999) and Quadrant, Fire Control, Gunner's M1A2, with M82 Carrying Case (1290-00-169-1937).

(79) TM 9-1290-232-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List, Volume I -

Troubleshooting, Volume II - Maintenance Quadrant, Fire Control Elevation, M13A1 (1290-00-703-6262), M13A1C (1290-00-078-5568), M13A3 (1290-00-856-9451) and M13B1 (1290-00-870-6276)

(80) TM 9-1290-232-35 Field and Depot Maintenance Manual. Quadrant, Fire Control. Elevation, M13, M13A1, M13A3 (M13A2E1) and M13B1.

(81) TM 9-1290-262-10 Operator's Manual: Aiming Circle, M2 W/E (1290-00-614-0008) and M2A2 W/E (1290-01-067-0687)

(82) TM 9-1290-262-24 Organizational, Direct Support and General Support Maintenance Manual-Aiming Circle, M2 WIE (1290-00-614-0008) and M2A2 W/E (1290-01-067-0687).

(83) TM 9-1290-263-34 Direct Support and General Support Maintenance Manual, Volume I - Troubleshooting, Volume II - Maintenance: Azimuth Indicator, M28A1 (1290-00-370-3486), M28E2 (1290-00-370-3467), 8437917 (1290-00-168-5989) and 8438753 (1290-00-168-5990).

(84) TM 9-1290-270-35 Direct Support, General Support, and Depot Maintenance Manual: Indicator, Azimuth. M27 (1290-335-5062).

(85) TM 9-1290-322-34 Direct and General Support Maintenance Manual for Quadrant, Fire Control: M15 (1290-00-896-2236).

(86) TM 9-1290-325-12/1 Operator and Organizational Maintenance Manual (Including Repair Parts and Special Tools List): Radar Chronograph Set. M36 W/E (1290-861-7105).

(87) TM 9-1290-325-34 Direct Support and General Support Maintenance Manual: Radar Chronograph Set, M36 W/E (1290-861-7105)

(88) TM 9-1290-326-34 Direct Support and General Support Maintenance Manual for Reproducer, Signal Data, AN/GSQ-64 (SDR) (1290-00-973-2180).

(89) TM 9-1290-328-34&P Direct Support and General Support Maintenance Manual: Quadrant, Fire Control, Elevation: M14 (NSN 1290-00-066-4994) and Quadrant, Fire Control, Elevation: M14A1 (NSN 1290-00-150-8891) (Including Direct Support, General Support and Depot Maintenance Repair Parts and Special Tools for Quadrant, Fire Control, Elevation, M14 Only).

(90) TM 9-1290-333-15 Operator, Organizational, Direct Support, General Support and Depot Maintenance Manual (Including Repair Parts and Special Tools List): Compass, Magnetic, Unmounted: M2 (1290-930-4260).

(91) TM 9-1290-335-34&P Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List, Volume I - Troubleshooting, Volume II - Maintenance: Indicator, Azimuth, Mechanical - 10954720-1 (1290-00-370:3456).

(92) TM 9-1290-335-35 Direct Support, General Support, and Depot Maintenance Manual Including Repair Parts and Special Tools Lists: Indicator, Azimuth, Mechanical, 10954720 (1290-901-8667).

(93) TM 9-1290-357-10 Operator's Manual. Aiming Circle, M1 W/E (1290-00-671-6145).

(94) TM 9-1290-357-15 Operator's, Organizational, Direct Support, and General Support Maintenance Manual (Including Repair Parts and Special Tools List Aiming Circle, M1 W/E (1290-671-6145)

(95) TM 9-1290-359-12&P Operator's and Organizational Maintenance Manual (Including Repair Parts and Special Tools List) for M90 Radar Chronograph (1290-01-073-0764).

(96) TM 9-1290-359-34&P Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools List) for M90 Radar Chronograph (1290-01-073-0764).

(97) TM 9-1345-207-23 Organizational and Direct Support Maintenance Manual (Including Repair Parts and Special Tools Lists) for Dispenser Control Panel (With Aircraft Wiring Harness) (NSN 1345-00-143-6536).

(98) TM 9-1556 Ordnance Maintenance - Observation Telescopes: M48 and M49.

(99) TM 9-1580 Ordnance Maintenance. Binoculars: M3, M7, M8, M9, M13, M13A1, M15, M15A1, M16, M17, and M17A1 and BC Telescope, M.65.

(100) TM 9-1590 Ordnance Maintenance. Fuze Setters: M14, M22, M23, M25, and M27.

(101) TM 9-4931-204-12&P Operator and Organizational Maintenance Manual Including Repair Parts and Special Tools List for Reproducer, Signal Data, AN/GSQ-64 (SDR), 1290-00-973-2180 and Test Set, Computer Logic Unit, AN/GSM-70 (FALT), 4931-00-045-.6540.

(102) TM 9-4931-376-13&P Operator's, Aviation Unit and Aviation Intermediate Maintenance Manual With Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools): Boresight Controller, XM34, Part Number 86804.00-505, NSN 4931-01-082-1547.

(103) TM 9-4931-583-30&P Aviation Intermediate Maintenance Instructions Including Repair Parts and Special Tools List for Boresight Assembly, Ground Support Equipment, T-102300-107, (4931-01-084-3750).

(104) TM 9-4931-710-14&P Operator, Organizational, Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools List) for Alinement Device. M139 (4931-01-048-5834) and Alinement Device With Case:

M140 (4931-01-187-9713)

(105) TM 9-4933-200-35 Direct Support, General Support, and Depot Maintenance Manual: Pullover Gages and Borescopes, M1 and M2.

(106) TM 9-4933-249-24&P Organizational, Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools List) for M26 Boresight With Case (4933-01-141-0812).

(107) TM 9-4933-528-13&P Operator's, Organizational, and Direct Support Manual (Including Repair Parts and Special Tools List) for Pullover Gage Kit (P/N 7242997).

(108) TM 9-6015 Aiming Post Lights: M14, M41, and M43.

(109) TM 9-6089 Field and Depot Maintenance: Local Control System, M16A1E1.

(110) TM 9-6103 Ordinance Maintenance: Telescope Mounts: M3A1, M18A1, M21A1, M25, M30, M44, M44A1, M69 and M76.

(111) TM 9-6139 Direct Support, General Support, and Depot Maintenance Manual for Telescope, Elbow, M92D (1240-546-6339) and M92F (1240-886-5888).

(112) TM 9-6141 Field and Depot Maintenance: Telescope Mount, M90 (T183).

(113) TM 9-6147 Ordnance Maintenance: Panoramic Telescopes: M12A7C, M12A7D, M12A7F, M12A7G, M12A7H and M12A7K (M12A7E4).

(114) TM 9-6.650-212-12 Operator's and Organizational Maintenance Manual: Telescope, Observation: M49, W/E (6.650-53004)960).

(115) TM 9-6.650-215-12 Operator and Organizational Maintenance Manual: Binocular, M18 W/E (6650-863-5.657).

(116) TM 9-6.650-215-34 Field Maintenance Manual: Binocular, M18.

(117) TM 9-6.650-221-35 Direct Support, General Support, and Depot Maintenance Manual Including Repair Parts and Special Tools List: Periscope, Tank: M47 (6.650-788-5464).

(118) TM 9-6.650-222-35 Depot Maintenance Manual Including Repair Parts and Special Tools List for Periscope, Tank: M48 (6.650-762-9336).

(119) TM 9-6.650-235-13&P Operator's Organizational and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) (Including Depot Maintenance Repair Parts) for Borescope, M3 (6.6504)14)63-0035).

(120) TM 9-7000-200-13&P Operator's, Organizational and Direct Support Maintenance Manual (Including Repair Parts List) for Computer System, Backup, General (7021-01-188-8050) and Computer System, Backup, Special (7010-01-188-8051).

(121) TM 11-5855-294-12&P Unit Maintenance Manual for the Purge and Recharge Kit (NSN 5855-01-250-2369) for the Mechanical Cryogemc Cooler HD 1033/UA in the Tank Thermal Sight AN/VSG-2, 2A and the Thermal Imaging System, Common Module Thermal Imaging Devices

(122) TM 750-116 General Procedures for Purging and Charging of Fire Control Instruments.

b. Inspection Conditions

(1) Field Returns All field returned Items coded A or B shall be 100 percent inspected m accordance with paragraphs C-3c and C-3d(6)

(2) Inspection Lot An inspection lot is a group of items having the same level of packaging and year of manufacture, rebuild, or modification.

(a) Inspection Frequency. The inspection frequency shall be in accordance with appendix B or other requirements.

(b) Inspection Lot Disposition Criteria. The lot shall be either accepted or rejected m accordance with paragraph C-3d.

c. Defect Classification

(1) Any defect found by the visual inspection of the items for the Quality Defect Codes (QDCs) in appendix A shall be classified a critical, major, or minor defect m accordance with the QDC.

(2) Defects of optical material shall be classified as follows:

(a) Moisture or condensation Any moisture, condensation, or staining resulting from moisture on an optical item shall be classified a major defect

(b) Fracture A fracture of any surface of any optical item shall be classified a major defect

(c) Smears or fingerprints Any smears or fingerprints on an *external* optical surface of an item shall be classified a minor defect. Any smears or fingerprints on an *internal* optical surface of an item shall be classified a major or minor defect in accor- dance with the applicable drawings and specifications.

(d) Chips. Chips on optics between the reticle and the objective end of the instrument will be permitted if they are stoned or ground and do not extend more than 1/16 inch into the clear aperture. Chips on the reticle, and between the reticle and eyelens will be permitted if they are ground or stoned and do not extend into the clear aperture. Areas that have been stoned or ground shall not cast a shadow on the prism or permit seepage of a sealing compound A chip not meeting either of the above conditions shall be classified a major defect.

(e) Scratches and lint. Scratches and lint will be permitted if the total effect of such discrepancies do not exceed that allowed in the applicable table(s) shown below. For example, the number of discrepan-

cles may exceed that specified in the table, if the dimensions of such discrepancies are proportionally smaller than that specified m the table(s) Similarly, if the number of discrepancies are considerably less than that permitted in the table(s), they may be proportionally larger than the maximum specified in the table. However, any discrepancy which exceeds the table(s), size 80, or as described above shall be
classified a major defect

(f) Digs, pits, and bubbles Digs, pits, and bubbles will be permitted m accordance with criteria given in the table(s) shown below. Deviation from the criteria given in the table(s) are permissible as specified for scratches cited in *(e)* above. However, any discrepancy which exceeds the table(s), size 50 or as described in this paragraph, shall be classified a major defect.

(g) Dirt When the reticle is focused with the eyepiece, the central area of the reticle, and/or field lens superimposed on the reticle shall have no more than 3 pieces of dirt or other foreign matter greater in size than the width of the smallest reticle line or a total of 5 pieces over the entire reticle surface Foreign matter on other optics shall be treated similarly to pits and digs, but shall never exceed the size given in the applicable table(s). Foreign matter on an optical item not meeting the minimally acceptable criteria shall be classified a major defect.

(h) Coating. Optics with not more than 25% of the coating deteriorated, will be acceptable if the deterioration is not concentrated in a given area. Crushes or rubs not heavily concentrated are permissible if they do not extend into the optical surface. Optics having a coating outside the above acceptable criteria shall be classified a major defect.

(i) Cement separation. Any cement separation shall be classified a major defect.

(j) Polished surfaces Any greyness or stain on polished optical surfaces shall be classified a minor defect

(k) Radioluminous items. The failure of a radioluminous item to provide illumination shall be classified a major defect.

(l) Tables.

Table C-1. Prisms and Mirrors

Face Area (sq inch)	Number of Scratches	Scratch Size	Maximum Length (inch)	Number of Pits, Digs or Bubbles	Size of Pits. Digs, or Bubbles
Up to 1.250	4	60	1/8	4	40
1.251-2.250	6	60	1/4	5	40
2 251-up	8	60	5/16	6	40

Table C-2. Field Lens (see notes 1 thru 3)

Central Face Area (sq inch)	Number of Scratches	Scratch Size	Maximum Length (inch)	Number of Pits, Digs or Bubbles	Size of Pits, Digs, or Bubbles
Up to 1.250	3	60	1/8	3	10
1.251-2.250	3	60	3/16	3	20
2.251-up	3	60	1/4	3	40

Table C-3. Eye Lens

Face Area (sq inch)	Number of Scratches	Scratch Size	Maximum Length (inch)	Number of Pits, Digs or Bubbles	Size of Pits, Digs, or Bubbles
Up to 1.250	3	60	1/8	3	40
1.251-2.000	5	60	3/16	5	40
2.0001-up	8	60	1/4	8	40

Table C-4. Objective, Erector Lenses, and Windows

Face Area sq inch)	Number of Scratches	Scratch Size	Maximum Length (inch)	Number of Pits Digs or Bubbles	Size of Pits. Digs or Bubbles
Up to 1.250	5	80	3/16	4	50
1.251-2.000	8	80	1/4	7	50
2.001-up	10	80	5/16	10	50

Table C-5. Reticle (see notes 1 thru 3)

Central Face Area (sq inch)	Number of Scratches	Scratch Size	Maximum Length (inch)	Number of Pits. Digs or Bubbles	Size of Pits, Digs, or Bubbles
Up to 1 250	3	20	1/8	3	10
1.251-2.000	3	20	3/16	3	10
2.001-up	3	20	1/4	3	10

NOTES

1. The central face area of an optical item is 25 percent of the face area around the center line.

2. The allowable number and size of defects in the outer zone (outside the central face area) may each be increased 50 percent A scratch size 40 and a pit, dig, or bubble size 20 is allowed In the outer zone of reticles

3. Scratches, pits. lint, etc shall not be permitted in the central area of a field lens or a reticle if they superimpose on the reticle pattern.

(3) Defects of pressurized items shall be classified as follows-

(a) Any stabilized pressure measurement with an installed pressure gage more than 0.5 pounds per square inch (PSIG) but more than 0.1 PSIG less than the TDP requirement shall be classified a minor defect. Any stabilized pressure measurement less than 0.5 PSIG shall be classified a major defect.

Table C-6. Pressure Reading

Example	No 1	No 2	No 3
TDP Required Pressure	3.0	3.0	3.0
Actual Pressure Reading	2.9	2.0	0.4
Action	Accept	Minor Defect	Major Defect

(b) If the pressure drops and bubbles appear during the leakage test, the leakage shall be classified a major defect

(4) The failure of any applicable functional inspection or test shall be classified a major defect.

d. Inspection Methods.

(1) For a lot of items, the Inspection Level (IL) shall be S-3. See Table I, Sample Size Code Letters of MIL-STD-105.

(2) For a lot of items, the Acceptable Quality Levels (AQLs) shall be as follows:

Majors *Minors*
0.65 4.0

See Table II-A, Single Sampling Plan for Normal Inspection of MIL-STD-105.

(3) A sample from the lot of items shall be selected m a random manner.

(4) Each sample item shall be inspected for damaged and/or deteriorated packaging defects of appendix A.

(5) The packaging shall be removed from each sample item.

(6) Each sample item shall be inspected for the defects cited in appendix A. All movable parts shall be manually functioned or operated. Cryogemc coolers of thermal sights shall be purged and recharged with helium, if necessary, using the Purge and Recharge Kit (NSN 5855-01-250-2369) and TM 11-5855-294-12&P prior to any functional test.

(a) Optics shall be inspected for moisture, condensation, fractures, smears, fingerprints, chips, scratches, lint, digs, pits, bubbles, dirt, deteriorated coating, cement separation, and if a polished surface, also greyness or stain. The technique of shading shall not be used except for detecting moisture.

(b) Radioluminous sources shall be inspected m accordance with appendix TRC-5RA. Any instrument containing a radioluminous source shall not be opened, vented, or purged if there is no illumination IN the assembly. The local Radiological Protection Officer (RPO) must be notified, and the defective unit will be replaced by a serviceable one.

(c) Pressurized items shall be inspected for pressure and leakage These items have color-coded ports and nitrogen gas under a slight pressure to keep moisture out and prevent oxidation. The inlet port has a gray color band and the outlet port has a yellow color band. Prior to the physical nitrogen pressure measurement of the item, the test equipment system shall be purged and charged m accordance with TM 750-116 or applicable specifications to eliminate erratic readings.

1. For measurement of the pressure, a pressure gage is installed, and the pressure is read after allowing 10 minutes for the pressure to stabilize The pressure reading shall be at standard ambient temperature (77 $\pm$ 5 degrees F) or corrected to it. If an item's pressure reading is zero, the Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN. AMSMC-QAW, Rock Island, IL 61299-6000, shall be contacted for instructions. The pressure gage is then removed. The procedure for the pressure measurement shall be in accordance with the applicable technical manuals (TMs) in Table C-7.

2. Prior to inspection for leakage, the item shall be purged and charged with dry nitrogen using Purging Kit, Fire Control, NSN 4931-00-0.65-1110, or a suitable substitute in accordance with TM 750-116. After the item is recharged with dry nitrogen, the item shall be inspected for leakage utilizing a soap solution in accordance with TM 750-116.

(d) Major items shall be inspected for other defects m accordance with the applicable TM m Table C-7.

Table C-7.

Item	NSN	Referenced Manual Number
Rocket Management Subsystem Inventory Deployment, M138	1090-01-077-8939	6
Dispenser Control Panel	1095-00-143-6536	97
Drive, Ballistics, M15	1220-071-5330	17
Plotting Board, Flash Ranging, M18	1220-0(-133-7039	18
Computer, Ballistics, M21	1220-00-348-8437	19
Computer, Gun Direction, M18	1220-00-448-0131	11 - 15
Drive, Ballistics, M10A3	1220-00-572-8735	10
Plotting Board, Indirect Fire, M17	1220-00-588-7282	16
Plotting Board, Indirect Fire, M16	1220-00-602-7941	21
Computer, Ballistics, M13A1D	1220-00-676-2182	9
Drive, Ballistics, M10	1220-00-676-2184	10
Drive, Ballistics, M10A4	1220-856-9453	10
Computer Ballistics, M13A2	1220-00-856-9454	9
Drive, Ballistics, M10A6	1220-00-933-1203	10
Drive, Ballistics, M10A5	1220-00-980-9297	10
Plotting Board, Indirect Fire, M19	1220-01-0597989	21
Computer Set, Field Artillery, General	1220-01-082-1646	20
Computer Set, Field Artillery, Missile	1220-01-082-1647	20

Table C-7 - Continued

Item	NSN	Referenced Manual Number
Computer Set, Mortar Ballistics, M23	1220-01-119-6049	22 & 23
Sight, Infinity	1240-00-056-4854	49 & 50
Mount, Telescope, M134	1240-00-0.65-5318	42
Collimator, Infinity Aiming, Reference, M1	1240-00-066-6065	51
Telescope, Panoramic, M113	1240-00-076-0066	41
Telescope, Straight. XM128	1240-00-087-5527	24
Telescope, Panoramic, M117A2	1240-00-106-7754	66
Telescope, Articulated, M127A1	1240-00-148-8539	45
Telescope, Panoramnc, M113A1	1240-00-150-8886	41
Telescope, Elbow, M114A1	1240-00-150-8889	43
Mount Telescope, M134A1	1240-00-150-8890	42
Periscope, Tank M44A2	1240-00-176-1031	44
Telescope. Straight. M134	1240-00-179-1155	48
Mount, Telescope, M128A1	1240-00-181-4806	36
Periscope, Tank, M44A4	1240-00-184-9897	44
Sight Unit, M34A2	1240-00-300-7989	40
Telescope, Elbow, M139	1240-00-328-5631	37
Collimator, Infinity Aiming Reference, M1A1	1240-00-332-1780	51
Telescope, Panoramic, M12A7H	1240-00-344-4633	113
Mount, Telescope, M90	1240-00-344-4689	112
Range Finder, Laser, AN/VVG-2	1240-00-348-8436	55
Periscope, Tank, M36E1	1240-00-348-8441	59
Periscope, Tank, M35E1	1240-00-348-8442	62
Mount, Periscope. M118E1	1240-00-348-8446	30
Mount, Periscope. M119E1	1240-00-394-3149	31
Telescope, Articulated, M127	1240-00-437-1254	45
Range Finder. Laser, AN/VVG-1	1240-00-470-2156	54
Telescope, Elbow, M118CA1	1240-00-491-9676	32
Binoculars, M17A1	1240-00-530-0974	56 & 99
Telescope, Elbow, M92D	1240-00-546-6339	111
Binoculars, M3	1240-00-670-2491	56 & 99
Binoculars, M7	1240-00-670-2500	56 & 99
Binoculars, M13	1240-00-670-2508	56 & 99
Range Finder, M17C	1240-00-676-2173	27
Mount, Telescope, M114	1240-00-676-2176	34 & 35
Periscope, Battery Commander's, M.65	1240-00-678-5577	52. 53, 99
Boresight, Optical. M45	1240-00-690-8811	33
Periscope, Tank, M28C	124.000-706-0794	26
Mount, Telescope, M25	1240-00-757-8429	110
Mount, Telescope, M21A1	1240-00-757-8596	110
Mount, Telescope, M3A1	1240-00-759-7736	110
Telescope, Elbow, M16A1D	1240-00-759-7781	37
Telescope, Elbow, M16A1F	1240-00-759-7782	37
Telescope. Straight. M90D	1240-00-759-7853	24
Sight Unit. M34	1240-00-759-7854	40
Mount, Telescope, M149	1240-00-762-9334	46
Periscope, Tank M32C	1240-00-762-9335	58
Periscope, Tank, M48	1240-00-762-9336	118
Telescope, Articulated M105F	1240-00-764-1668	29

Table C-7 - Continued

Item	NSN	Referenced Manual Number
Computer Set, Field Ar-	1220-01-082-1647	20
Sight Unit M34A1	1240-00-764-7931	40
Telescope. Straight, M90C	1240-00-764-8432	24
Periscope, Tank, M32	1240-00-766-4287	58
Telescope, Panorarmc, M12A7C	1240-00-768-7260	113
Sight Unit, M34A2C	1240-00-783-5932	40
Mount, Telescope, M110	1240-00-788-1234	39
Telescope, Straight, M103	1240-00-788-1236	28
Periscope, Tank, M44	1240-00-788-5463	44
Periscope, Tank, M47	1240-00-788-5464	117
Holder, Telescope Mount, M7	1240-00-789-2987	38
Mount, Periscope, M118	1240-00-796-9686	30
Telescope, Elbow, M118	1240-00-819-4519	32
Telescope, Elbow, M118C	1240-00-819-4520	32
Telescope, Elbow, M109	1240-00-823-5612	36
Mount, Telescope, M128	1240-00-823-5613	36
Mount, Telescope, M146	1240-00-864-0348	66
Telescope, Panoramic, M117	1240-00-864-2930	66
Periscope, Offset, M42	1240-00-864-2933	66
Mount, Telescope, M145	1240-00-871-2969	66
Range Finder. M17A1	1240-00-875-7933	27
Control, Light Source. Remote	1240-00-878-5566	51
Telescope, Elbow, M92F	1240-00-886-5888	111
Mount, Telescope, M137	1240-00-895-6492	65
Telescope, Panoramic. M115	1240-00-895-9186	65
Mount, Telescope, M138	1240-00-896-2240	65
Telescope, Elbow, M116	1240-00-898-6787	37
Telescope, Elbow, M116C	1240-00-898-6789	37
Mount, M44 Series Tank Periscope	1240-00-901-8134	44
Binocular, M19	1240-00-930-3833	60 & 61
Telescope, Straight, M120	1240-00-930-4259	48
Periscope, Tank M44A1	1240-00-933-5630	44
Telescope, Elbow, M116F	1240-00-974-6432	37
Telescope, Articulated, M105D	1240-00-980-1745	29
Periscope. Tank, M36	1240-00-980-9291	59
Periscope, Tank, M28D	1240-00-990-1851	26
Periscope, Tank, M19A1	1240-01-005-6035	25
Periscope, Tank, M32E1	1240-01-016-2272	58
Mount, Telescope and Quadrant, M172	1240-01-037-7290	57
Telescope, Elbow, M138	1240-01-038-0530	57
Telescope, Panoramic, M137	1240-01-038-0531	57
Mount. Telescope and Quadrant, M171	1240-01-039-7273	57
Mount, Telescope (M64 Sight Unit)	1240-01-050-5588	63
Sight. Tank Thermal. AN/VSG-2	1240-01-060-8521	64 & 121
Head Assembly, AN/VSG-2 Sight	1240-01-063-6088	64
Thermal Receiver Unit	1240-01-074-8947	7
Head Assembly, Primary Sight	1240-01-079-2860	7
Telescope. Elbow, M118A2	1240-01-092-2693	32 & 66
Periscope, Tank, M32CE1	1240-01-092-7910	58
Boresight Reticle Unit, I HADSS	1240-01-168-7598	72

Table C-7 - Continued

Item	NSN	Referenced Manual Number
Head Assembly, Primary Sight	1240-01-188-7346	7
Body Assembly, Primary Sight	1240-01-190-3318	7
Telescope. Thermal Receiver	1240-01-195-9315	7
Mount, Telescope (M64A1 Sight Unit)	1240-01-201-8299	63
Head Assembly, ANIVSG-2A Sight	1240-01-237-1580	64
Telescope, Elbow Sighting, L2A1	1240-99-962-9583	8
Carrier, Dial Sight, L3A1	1240-99-964-2698	8
Sight, Dial, L7A1	1240-99-964-4080	8
Fire Control Subsystem, Helmet-Directed, M128	1270-00-122-9449	68
Flight, Reflex, M60A1	1270-00-450-9682	67
Flight, Reflex, M60	1270-00-903-1105	67
Fire Control Subsystem, Helmet-Directed, XM136	1270-01-041-3767	68
Computer, Digital Fire Control, XM22	1270-01-070-0494	69
Fire and Flight Air Data Subsystem, XM143	1270-01-072-4220	70
Sight, Helicopter, Head-Up System, XM76	1270-01-072-4555	71
Sensor Surveyor Unit, IHADSS	1270-01-159-7994	72
Integrated Helmet Unit (L), IHADSS	1270-01-181-3314	72
Integrated Helmet Unit (M), IHADSS	1270-01-182-3719	72
Helmet Display Unit, IHADSS	1270-01-183-0517	72
Display Electronics Unit, IHADSS	1270-01-183-0518	72
Display Adjust Panel, IHADSS	1270-01-211-6346	72
Sight Electronics Unit, IHADSS	1270-01-232-4442	72
Integrated Helmet Unit (XL), IHADSS	1270-01-263-2545	72
Radar Set, AN/VPS-2	1285-00-087-4746	73, 74, 75
Radar Set, ANVPS-2	1285-00-179-4218	73, 74, 75
Radar Set, ANVPS-2A	1285-01-224-2583	76 & 77
Quadrant, Elevation, M14	1290-00-066-4994	89
Quadrant, Elevation, M13A1C	1290-00-078-5568	79
Quadrant, Elevation, M14A1	1290-00-150-8891	89
Indicator, Azimuth (8437917)	1290-00-168-5989	83
Indicator, Azimuth (8438753)	1290-00-168-5990	83
Quadrant, Gunner's, M1A2	1290-00-169-1937	78
Compass, Magnetic, M2	1290-00-335-4972	90
Indicator, Azimuth, M27	1290-00-335-5062	84
Indicator, Azimuth, M28A1	1290-00-346-8247	83
Indicator, Azimuth (10954720-1)	1290-00-370-3456	91
Indicator, Azlmuth. M28E2	1290-00-370-3467	83
Indicator, Azlmuth, M28A1	1290-00-370-3486	83

Table C-7 - Continued

Item	NSN	Referenced Manual Number
Indicator, Azimuth, M27	1290-00-370-3494	84
Indicator, Azimuth. M28	1290-00-370-3516	83
Light, Aiming Post, M14	1290-00-535-7629	108
Aiming Circle, M2	1290-00-614-0008	81 & 82
Fuze Setter. M14	1290-00-617-.6535	100
Aiming Circle, M1	1290-00-671-6145	93 & 94
Quadrant, Elevation, M13A1	1290-00-703-6262	79 & 80
Fuze Setter, M22	1290-00-757-8410	100
Fuze Setter, M23	1290-00-758-2101	100
Fuze Setter, M27	1290-00-764-7761	100
Quadrant, Elevation, M13	1290-00-7.65-2218	80
Local Control System, M16A1E1	1290-00-766-5876	109
Fuze Setter, M25	1290-00-767-6038	100
Quadrant, Elevation, M13A3	1290-00-856-9451	79 & 80
Radar Chronograph Set, M36	1290-00-861-7105	86 & 87
Quadrant Gunner's, M1A1	1290-00-891-9999	78
Quadrant, Elevation, M15	1290-00-896-2236	85
Indicator, Azimuth (10954720)	1290-00-901-8667	92
Compass, Magnetic, M2	1290-00-930-4260	90
Reproducer, Signal Data, AN/GSQ-64	1290-00-973-2180	88 & 101
Quadrant, M17	1290-01-037-3883	57
Quadrant, M18	1290-01-037-7289	57
Aiming Circle, M2A2	1290-01-067-0687	81 & 82
Radar Chronograph Set, M90	1290-01-073-0764	95 & 96
Test Set, Computer Logic Unit, AN/GSM-70	4931-00-045-.6540	101
Alinement Device, M139	4931-01-048-5834	104
Boresight Controller, XM34	4931-01-082-1547	102
Boresight Assy, Ground Support Equipment	4931-01-084-3750	103
Alinement Device, M140	4931-01-187-9713	104
Boresight, M26 With Case	4933-01-141-0812	106
Borescope, M1	6650-00-318-4426	105
Periscope, Tank, M24	6650-00-344-4647	25
Binoculars, M15A1	6650-00-530-0959	56 & 99
Telescope, Observation, M49	6650-00-530-0960	98 & 114
Binoculars, M13A1	6650-00-530-0973	56 & 99
Borescope, M2	6650-00-587-0986	105
Binoculars, M15	6650-00-670-2512	99
Binoculars, M16	6650-00-670-2514	56 & 99
Binoculars, M17	6650-00-670-2516	99
Telescope, Observation, M48	6650-40-678-5627	98
Periscope, Tank, M37	6650-00-856-9455	47
Binocular, M18	6650-00-863-5.657	115 & 116
Periscope, Tank, M24A1	6650-01-005-6036	25
Borescope, M3	6650-01-063-0035	119
Computer System, Backup, Special	7010-01-188-8051	120
Computer System, Backup, General	7021-01-188-8050	120
Pullover Gage Kit (7242997)		107

(7) The lot of items shall be rejected if the number of major defects exceeds the acceptance number of major defects allowed m Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 0.65 and/*or* if the number of minor defects exceeds the acceptance number of minor defects allowed in Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 4.0

(8) Items found acceptable shall be replaced to their original configuration and returned to storage

(9) A defective item shall remain defective until it is repaired or replaced The defective item may be dispositioned to "use as is" by the local Materiel Review Board (MRB).

(10) Samples with major defects or samples which cannot be returned to their original package configuration shall be segregated and reported for disposition instructions

C-4. Report and reporting.

The report and reporting shall be m accordance with paragraph 2-9.

APPENDIX D

QUALITY ASSURANCE INSPECTION INSTRUCTION

RADIOLUMINOUS DEVICES

TRC-5RA

- WARNING -

The shelf-life items covered m this inspection instruction contain radioactive materiels Inspection shall be performed in a well ventilated area Precautions relative to handling radioactive materiel are defined in the applicable license(s) issued by the U.S. Nuclear Regulatory Commission (NRC) Questions concerning radioactive safety or procedures may be directed to Radiological Protection Officer, AMSMC-SFS, Rock Island, IL 61299-6000

D-1. Purpose.

The purpose of this inspection instruction is to provide instructions for the inspection of armament materiel containing radiolummnous devices.

D-2. Policy.

This inspection instruction shall be used to detect any significant deterioration of material in storage and to avoid over-inspection

D-3. Instructions.

a General. Inspection shall be in compliance with AR 700-64 Radioactive Commodities m the DOD Supply Systems (DSAM 4145.8), and the applicable license(s) (listed below) issued by the U.S. Nuclear Regulatory Commission (NRC)

US NRC BML 12-00722-04	M16A1 Radioactive Rifle Sight
US NRC BML 12-00722-06	Radioluminous Devices (H-3) Infantry and Towed Artillery
US NRC BML 12-00722-09	Tritium Illumination for Muzzle Reference Sensor (M68 Family of Cannons)

b. Inspection Conditions

(1) Field Returns. All field returned items coded A or B shall be 100 percent inspected m accordance with paragraphs D-3c and *D-3d(5)-(10).*

(2) *Inspection Lot* An inspection lot is defined as all items having the same level of packaging and year of manufacture, rebuild, or modification. Miscellaneous or mixed lot sizes shall not exceed 200 items

(a) Inspection Frequency The inspection frequency shall be m accordance with appendix B

(b) Inspection Lot Disposition Criteria, The lot shall be either accepted or rejected in accordance with paragraph D-3d

C. Defect Classification

(1) Any defect found by the visual inspection of the items for the Quality Defect Codes (QDCs) in appendix A shall be classified a critical, major, or minor defect in accordance with the QDC.

(2) Any damage to illuminated elements such as vials, counter digits, and reticles shall be classified a major defect

(3) Incomplete radioactive marking or labeling, i.e., missing license number, serial number, date of manufacture shall be classified a major defect.

(4) The failure of the radioluminous material leakage test or the brightness test of paragraph D-3(6) shall be classified a major defect.

d Inspection Methods.

(1) For a lot of items, the Inspection Level (IL) shall be S-3. See Table I, Sample Size Code Letters of MIL-STD-105.

(2) For a lot of items, the Acceptable Quality Levels (AQLs) shall be as follows

Majors	*Minors*
0.65	40

See Table II-A, Single Sampling Plan for Normal Inspection of MIL-STD-105

(3) A sample from the lot of items shall be selected m a random manner.

(4) Each sample item shall be visually inspected for damaged and/or deteriorated packaging.

(5) The packaging shall be removed from each item

(6) Each item shall be inspected for the defects m appendix A and tested for radioluminous material leakage and brightness.

(a) Radioluminous Material Leakage Test The item shall be wiped with filter paper that has been moistened with distilled water The wiping shall be performed with moderate finger pressure on a minimum area of 100 square centimeters. The filter paper shall be placed in a scintillation vial with the proper portion of distilled water The scintillation vial shall be analyzed by a liquid scintillation counter. The corrected counting accuracy (readout), in disintegrations per minute (DPM), shall be within 10 percent of the true count of a known standard value when

counted for a period yielding 2000 disintegrations. The sample reading shall not exceed 2000 DPM per 100 square centimeters The local Radiological Protection Officer shall be notified for operating procedures and information for this test This test is usually part of a special inspection.

(b) Brightness Test. The test item and inspector shall be at a location where all external light sources are minimized, equivalent to an overcast night without moonlight. Before the item is tested for brightness, the inspector shall be dark adapted for a minimum of fifteen minutes The optical filters shown on Chart I shall be used to determine the expected life of the radioluminous device. The radioluminous device shall be viewed at a distance which is equivalent to field usage with a filter placed m the field of view All scale graduations, retlcles, etc., shall be visible, usable, and readable Note Oriel Corporation Is a suggested source of supply for optical filters. Other filter manufacturers are acceptable.

CHART I

OPTICAL DENSITY OF FILTER	EXPECTED LIFE
15	4 YEARS
10	3 YEARS
NONE	2 YEARS

(7) The lot of items shall be rejected if the number of major defects exceeds the acceptance number of major defects allowed in Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of0..65 and/or if the number of minor defects exceeds the acceptance number of minor defects allowed in Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 4.0.

(8) The items shall be repacked after the inspection.

(9) A defective item shall not be returned to stock

(10) A defective item shall remain defective until it is repaired or replaced.

D-4. Report and reporting.

In reference to the report and reporting required by paragraph 2-9, the following information shall be included in block 35 of the Storage Quality Control Report (DD Form 1225):

a The serial number (where applicable) and the type of light source(s) or isotope, i.e., tritium (H3), etc. of each sample item subjected to inspection and/or test. The light source(s) may be obtained from the item's radioactive material label.

b Month and year of the manufacture of the light source(s) This may also be obtained from the item's radioactive material label

c. Date when the inspection and/or test was conducted in accordance with TRC-5RA

d. The results, DPM of the wipe test.

e. Whether the flight source lacks brightness or is physically damaged

f. Whether the item fails to function, or the item's radioactive material label is missing

APPENDIX E

QUALITY ASSURANCE INSPECTION INSTRUCTIONS

CANNON

TRC-5CN

E-1. Purpose.
The purpose of this inspection instruction is to provide instructions for the inspection of Cannon.

E-2. Policy.
This inspection instruction shall be used to detect any significant deterioration of material in storage and to avoid over-inspection.

E-3. Instructions.
This inspection instruction provides supplementary inspection instructions for the material m Appendix A which cites the TRC of this appendix.

a. Reference TM 9-1000-202-14 Operator's, Organizational, Direct Support, and General Support Maintenance Manual for Evaluation of Cannon Tubes.

b Inspection Conditions.

(1) Field Returns. All field returned items coded A or B shall be 100 percent inspected in accordance with paragraphs E-3c and *E-3d(4)(b).*

(2) *Inspection Lot. An* inspection lot is defied as all items having the same level of packaging and year of manufacture, rebuild, or modification.

(a) Inspection frequency. Inspection frequency shall be as prescribed in Appendix B.

(b) Inspection Lot Disposition Criteria. The lot shall be either accepted or rejected in accordance with paragraph E-3d.

c. Defect Classification

(1) Any defect found by the visual inspection of the items for the Quality Defect codes (QDCs) in appendix A shall be classified a critical, major, or minor defect in accordance with the QDC.

(2) The failure of any part or applicable functional inspection or test due to excessive looseness, binding, interference, erratic action or other malfunction m paragraph E-3d(4)(b) shall be classified a major defect.

(3) The failure to completely eject a simulated cartridge shall be classified a major defect.

d Inspection Methods

(1) For a lot of Cannon, Inspection Level (IL) S-2 applies See Table I, Sample Size Code Letters of MIL-STD-105.

(2) For a lot of Cannon, the following Acceptable Quality Levels (AQLs) apply.

Majors	*Minors*
2.5	4.0

See MILSTD-105, Table II-A Single Sampling Plan for Normal Inspection

(3) A sample from a lot of cannon shall be selected in a random manner.

(4) Each sample item shall be inspected by the following procedure:

(a) For sample items that do *not* have damaged or deteriorated packaging m lots having level A or level B packaging protection, the inspection shall be limited to those coded defects cited in appendix A that do not require removal of the packaging or effect the integrity of the packaging.

(b) For all other sample items, the packaging shall be removed and the sample items shall be both visually and functionally inspected for the defects in paragraph E-3c. The breech mechanism of each cannon shall be manually operated a minimum of two complete cycles to assure smoothness of operation of the assemblies and subassemblies Each cycle shall consist of: opening the breech, inserting a simulated cartridge into the chamber of the tube, closing the breech to the firing position, opening the breech, and extracting the simulated cartridge from the chamber of the tube.

1. Functional inspection of the following:

Cannon	*NSN*
Cannon, 75nmm Pack Howitzer, M1A1 (Part of Howitzer. Pack, 75mm, M116, 1015-00-322-9770)	1015-00-723-8480
Cannon, 105mm, Gun, M68A1 Components are stocked only	
Breech Mechanism	1015-01-093-8916
Cannon Tube (Part of Tank, Combat. FT, M60A1, or 2350-00-756-8497, M60A3, 2350-00-148-.6548, M1, 2350-01-061-2445	1015-00-678-4317 1015-01-092-9085
Cannon, 105mm Howitzer, M2A2 (Part of Howitzer, Light, Towed, 105mm, M101, 1015-00-322-9728, M101A1, 1015-00-322-9752)	1015-00-782-7208
Cannon, 105mm Howitzer, M103 (Part of Howitzer, Self-Propelled. Full-Tracked, M108,	1015-0910-7320 2350-00-440-8810)
Cannon, 105mm Howitzer, M137A1 (Part of Howitzer, Light Towed, 105mm, M102,	1015-00-927-9421 1015-00-086-8164)

Cannon	*NSN*
Cannon, 1.65mm, M135 (Part of Vehicle Combat Engineer, Full-Tracked, M728, 2350-00-795-1797)	1025-00-792-9067

a. Breech Mechanism. The operating lever shall lock when in the closed position

b. Breech Mechanism (Cannon, 165mm, M135) The action of the operating mechanism locking key shall be observed at the end of the breech closing cycle. The breechblock shall not bounce at the end of the breech closing cycle.

c. Firing Mechanism (105mm Cannon M103, M137A1) The percussion mechanism shall cock when the breechblock is lowered or by hand operating the cocking lever when the breechlock is in the closed position. The cocking of the percussion mechanism shall be tested the minimum number of times for both methods The lanyard shall function properly

d. Firing lock M13 (75mm Cannon M1A1, 105mm Cannon M2A2) The lanyard shall be manually pulled to determine smoothness of the firing or triggering of the firing lock.

e. Firing Mechanism (Cannon, 105mm Gun, M68A1). The Firing Circuit Tester (1015-00-446-6231) shall be inserted and Firing Mechanism actuated. The failure of an electric bulb on the firing circuit tester to light up indicates a malfunction of the firing mechanism.

f. Firing Mechanism (Cannon, 165mm, M135) The Firing Circuit Tester (1025-00-907-6957) shall be inserted and firing mechanism actuated. The failure of the buzzer on the firing circuit to go on indicates a malfunction of the firing mechanism.

2 Functional inspection of the following

Cannon	*NSN*
Cannon, 155amm Howitzer, M1A1 (Part of Howitzer, Medium, Towed, 155mm, M114, 1025-00-322-9755)	1025-00-730-7098
Cannon, 155mm Howitzer, M1A1 (Part of Howitzer, Medium, Towed, 155mm, M114Al, 1025-00-322-9768)	1025-00-508-0785
Cannon, 155mm Howitzer, M1A2 (Part of Howitzer, Medium, Towed, 155mm, M114A2, 1025-01-025-9857)	1025-01-029-7369
Cannon, 155mm Howitzer, M199 Components are stocked only	
Breech Mechanism	1025-01-059-2487
Cannon Tube (Part of Howitzer, Towed, 155mm, M198, 1025-01-026-6648)	1025-01-040-8837
Cannon, 155mm Howitzer, M126A1 (Part of Howitzer. Medium, Self-Propelled, 155mm, M109, 2350-00-440-8811)	1030-00-937-2029
Cannon, 155mm Howitzer, M185 (Part of Howitzer, Medium, Self-Propelled, 155mm., M109A1, 235000485-9662, M109A2, 2350-01-031-0586, M109A3, 2350-01-031-8851)	1025-00432-7268
Cannon, 8 inch Howitzer, M2A1 (Part of Howitzer, Medium, Towed. 8 inch M115, 1030-00-322-9788)	1030-0,0-508-0791 or 1030-00-730-6057
Cannon, 8 inch Howitzer, M2A2 (Part of Howitzer, Heavy, Self-Propelled, 8 inch, M110, 2350-00-439-6243)	1030-00-981-2764
Cannon, 8 inch Howitzer, M201 (Part of Howitzer, Heavy. Self-Propelled, 8 inch, M10A1, 2350-01-013-3914, or M110A2, 2350-01-041-4590)	1025-01-012-1062
Cannon, 8 inch Howitzer, M201A1 (Part of Howitzer, Heavy, Self-Propelled, 8 inch, M10A1, 2350-01-013-3914, or M110A2, 2350-01-041-4590)	1025-01-138-7374
Cannon, 175mm Gun, M113A1 (Part of Gun, Field Artillery, Self-Propelled. 175mm, M107. 2350-00-436-6635)	1025-00-113-5636

a. Breech Mechanism The counterbalance assembly shall provide a smooth and even operation of the breech mechanism.

b. Breech mechanism (155mm Cannon M126A1 and M185) The breech mechanism and block assembly shall slide to an open position and back to a load position, but not to the closed position m one cycle of breech mechanism operation. The block assembly must be closed by a separate manual operation The operating handle shall latch m the closed position after each cycle of operation. The operation of the cam shall be observed.

c. Block Assembly (155mm Cannons M126A1, M185, and M199, and 8 in. Cannons M201 and M201A1) With the breech mechanism in a closed position, each block assembly shall be manually operated through the minimum number of cycles of operation (open position, load position, closed position) observing the Wittness Marks alignment on the breech and block The extraction and ejection action of the extractor shall be tested with an empty primer case.

d. Firing Mechanism, M35 (Cannons, M2A2, M113A1, M126A1, M185, M199, M201, and M201A1) Each firing mechanism shall retract and fire when the lanyard lever is pulled rearward or sideways (radially) in one continuous motion. Each method shall be tested at least twice. The firing mechanism shall function smoothly and positively

e. Firing Mechanism, M1 (155mm Cannons M1A1 and M1A2, 8 inch Cannon M2A1) On each mechanism the plunger shall be manually retracted against the spring action and upon release shall be returned without binding The firing pm shall not bind when depressed A dummy primer shall firmly hold without looseness after being inserted into the slotted holder of the firing mechanism. The

firing mechanism shall lock after being inserted into the breechblock in the closed position of the breech mechanism.

NOTE

The breech mechanism cannot be opened with the firing mechanism locked in place.

3. Functional inspection of the following:

Cannon	*NSN*
Cannon, 152mm Gun-Launcher, M81 Modified (Part of Armored Reconnaisance, Airborne Assault Vehicle, Full-Tracked, M551, 2350-00-873-5408 or M551A1, 2350-00-140-5151)	1025-00-009-5312
Cannon, 152mm Gun-Launcher, M81A1 (Part of Armored Reconnaissance, Airborne Assault Vehicle, Full-Tracked, M551, 2350-00-873-5408 or M551A1, 2350-00-140-5151)	1025-00-124-7385

a. Breech Mechanism. Instead of two manual cycles, the breech mechanism shall be operated once manually and once electromechanically. The lever lock shall engage with the hand crank drive spindle when manually operated and disengage from the drive spindle when operated electrically.

b. Firing Probe Assembly. Probe contact projection and electrical resistance between plug and electrical contact shall be in accordance with drawing 8779512.

4. Functional inspection of the following:

Cannon	*NSN*
Cannon, 120rnm Gun, M256	
Components are stocked only	
Breech Mechanism	1015-01-1.65-4845
Cannon Tube	1015-12-178-9535
(Part of Tank Combat, Full-Tracked, M1A1, 2350-01-087-1095)	

a Breech Mechanism A simulated cartridge per inspection equipment drawing 12520332 shall be used for the manual cycles.

CAUTION:

Use a wooden rod (minimum length: 18 inches) to keep your hands away from the breechblock recess. After each cycle, the extractors shall lock the breechblock in the open position. When the simulated cartridge is inserted into the chamber of the tube, the extractors shall trip, causing the breech closing mechanism to automatically return the breechblock to the closed or "firing" position. Proper safety precautions shall be observed during the test.

b. Electrical Firing Circuit Firing pin (probe) protrusion and retraction; and firing circuit resistance (continuity) shall be in accordance with inspection equipment drawing 12520360. Dielectric strength and insulation resistance shall be in accordance with inspection equipment drawing 87735.65 using equipment operating instruction drawing 12520562.

(5) The lot of cannon shall be rejected if the number of major defects exceeds the acceptance number of major defects allowed m Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 2.5 and/or if the number of minor defects exceeds the acceptance number of minor defects allowed IN Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 40.

(6) A defective Cannon shall remain defective until it is repaired and reclassified. The defective cannon may be dispositioned to "use as is" by the local Materiel Review Board (MRB)

E-4. Report and reporting.

The report and reporting shall be in accordance with paragraph 2-9.

APPENDIX F

QUALITY ASSURANCE INSPECTION INSTRUCTION

TOWED ARTILLERY

TRC-5TH

F-1. Purpose.
The purpose of this inspection instruction is to provide mstructlons for the inspection of Towed Artillery.

F-2. Policy.
This inspection instruction shall be used to detect any significant deterioration of materiel in storage and to avoid over-inspection.

F-3. Instructions.
This inspection instruction provides supplementary inspection instructions for the materiel in appendix A which cites the TRC of this appendix.

a. References.

(1) TB 9-1000-234-30 - Exercising of Recoil Mechanisms and Equilibrators.

(2) TM 9-319 - 75-MM Pack Howitzer, M1A1 and Carriage, M8.

(3) TM 9-1015-203-12 Operator's and Organizational Maintenance Manual for Howitzer, Light, Towed, 105-MM, MlOlA1 (1015-00-322-9752).

(4) TM 9-1015-234-10 Operator's Manual for Howitzer, Light, Towed: 105-MM, M102 (1015-00-086-8164).

(5) TM 9-1015-234-20 Organizational Maintenance Manual for Howitzer, Light, Towed: 105-MM, M102 (1015-00-086-8164).

(6) TM 9-1015-234-34 Direct Support and General Support Maintenance Manual for Howitzer, Light, Towed: 105-MM, M102 (1015-00-086-8164).

(7) TM 9-1015-252-10 Operator's Manual for Howitzer, Light, Towed: 105-MM, M119 (1015-01-248-0859).

(8) TM 9-1015-252-20&P Unit Maintenance Manual Including Repair Parts and Special Tools List for Howitzer, Light, Towed: 105-MM, M119, 1015-01-248-0859.

(9) TM 9-1015-252-34 Intermediate Direct Support and Intermediate General Support Maintenance Manual for Howitzer, Light, Towed: 105-MM, M119, 1015-01-248-0859.

(10) TM 9-1025-200-12 Operator and Organizational Maintenance Manual: Howitzer, Medium, Towed: 155-MM, M114 (NSN 1025-00-322-9755), M114A1 (NSN 1025-00-322-9768) and M114A2 (NSN 1025-01-025-9857).

(11) TM 9-1025-200-35 Direct Support, General Support, and Depot Maintenance Manual: Howitzer, Medium, Towed 155-MM, M114 (1025-00-322-9755), M114A1 (1025-00-322-9768) and M114A2 (1025-01-025-9857).

(12) TM 9-1025-200-ESC Equipment Serviceability Criteria for Howitzer, Medium, Towed. 155-MM, M114 (1025-322-9755) and M114A1 (1025-322-9768).

(13) TM 9-1025-211-10 Operator's Manual (Crew) for Howitzer, Medium, Towed 155-MM, M198 (1025-01-026-6648).

(14) TM 9-1025-211-20&P Organizational Maintenance Manual (Including Repair Parts and Special Tools List) for Howitzer, Medium, Towed: 155-MM, M198 (1025-01-026-6648).

(15) TM 9-1025-211-34 Direct Support and General Support Maintenance Manual for Howitzer, Medium, Towed: 155-MM, M198 (1025-01-026-6648)

(16) TM 9-1055-215-12 Operator and Organizational Maintenance Manual: 115-MM Multiple Rocket Launcher, M91.

(17) TM 9-1055-215-35 Field and Depot Maintenance Manual: 115-MM Multiple Rocket Launcher, M91 (T145).

(18) TM 9-1055-215-ESC Equipment Serviceability Criteria for Launcher, Rocket: Multiple, 115-MM, M91.

(19) TM 9-3007 Direct Support, General Support and Depot Maintenance Manual: Howitzer, Light, Towed: 105-MM, M101 and M101A1.

b. Inspection conditions

(1) Field Returns All field returned items coded A or B shall be 100% inspected in accordance with paragraphs F-3c and F-3d (4 & 5).

(2) Inspection Lot. An inspection lot is a group of items having the same level of storage, and year of manufacture, rebuild, or modification.

(a) Inspection Frequency Inspection frequency shall be in accordance with appendix B.

(b) Inspection Lot Disposition Criteria The lot shall be either accepted or rejected in accordance with paragraph F-3d.

c Defect classification.

(1) Any defect found by the visual inspection of the items for the Quality Defect Codes (QDCs) in

appendix A shall be classified a critical, major, or minor defect m accordance with the QDC.

(2) Inadequate exercising of the equilibrators and recoil mechanism for a howitzer shall be classified a major defect

(3) The failure of any applicable functional inspection or test due to excessive looseness, binding, interference, erratic action or other malfunction shall be classified a major defect

d Inspection Methods

(1) For a lot of towed artillery, the Inspection Level (IL) shall be S-2. See Table I, Sample Size Code Letters of MIL-STD-105

(2) For a lot of towed artillery, the Acceptable Quality Levels (AQLs) shall be as follows:

Majors	*Minors*
25	40

See MIL-STD-105, Table II-A. Single Sampling Plan for Normal Inspection

(3) A sample from the lot of towed artillery shall be selected in a random manner.

(4) Each sample towed howitzer shall have its records checked for exercising of the equilibrators and recoil mechanism according to TB 91000-234-30.

(5) Each sample towed artillery item shall be inspected for the defects in paragraph F-3c during the visual inspection and the following functional inspection procedures.

(a) Functional inspection of the following.

Item	*NSN*
Howitzer, medium. towed, 155 mm, M198	1025-01-026-6648

1. Place the towed howitzer in the towing position, and check for the proper functioning of the top carriage locking pin and travel lock assembly. (The weapon is assumed to be in the stowed position.)

2. Move the weapon to a level inspection area and position it so that the speedshift assembly baseplate is located over the center of a clear area with a minimum radius of 50 feet (15.24m). (Movement is not required if the storage location provides adequate space for the required tests.)

3. Unlock the left and right trail assemblies, place them in the firing position, and insert the tapered locking plugs

4. Attach the firing assembly baseplate to the locking assembly.

5. Operate the wheels selector valve handle to the DOWN position, and pump the ram hydraulic pump(s) to relieve the pressure on the wheel lock handles.

6. Move the wheel lock handles to the released position.

7. Slowly move the wheel selector valve handle to the UP position, and measure the time for the weapon to settle onto the firm assembly baseplate. This time must be at least 5 seconds, but not greater than 20 seconds. With the weapon resting on the firing assembly baseplate,, operate the ram hydraulic pumps to release the wheels to the full UP position. Reengage the wheel lock handles, and move the wheel selector valve handle to the OFF position.

8. Stow the travel lock assembly and disengage the top carriage locking pin.

9. Open the breech mechanism assembly, and inspect the cannon components in accordance with Appendix E.

10. Load with a dummy round of ammunition weighing approximately 103 pounds (46.72 kg), and close the breech mechanism assembly. (This action provides the proper weapon balance for the subsequent procedures.)

11. Operate the elevating mechanism to move the cannon through its full range of elevation and depression (-75-mil depression to + 1275-mil elevation). The maximum torque (measured at the elevating handwheel shaft) required to elevate and depress the cannon shall not exceed 180 in-lb (20.3 N-m). The elevating handwheel shall not exhibit a backlash in excess of 30 degrees rotation in either direction. The 55-degree (from vertical) mark on the end of the recuperator cylinder assembly shall lie within the notch on the end of the remote control lever for all elevations of 1025 mils or more, and the 105 degree (from vertical) mark on the end of the recuperator cylinder assembly shall lie within the notch on the end of the remote control lever for all depressions of 50 mils or more.

12. Set the elevation to 450 mils, and traverse the cannon 221/2 degrees (4.00 mils) right and left of center and back to center. The maximum torque (measured at the traversing handwheel shaft) required to traverse the cannon in either direction shall not exceed 120 in-lb (13.5 N-m). The elevating handwheel shall not exhibit a backlash in either direction in excess of 30 degrees.

13. With the cannon elevated 800 mils, move the speedshift selector valve handle to the DOWN position, and operate the ram hydraulic pumps to raise the weapon until clearance is obtained beneath the firing assembly baseplate. The maximum force required on the pump handles shall not exceed 19 pounds (8.62 kg).

14. Lift the left and right trail assemblies,
and pivot the weapon on the speedshift cylinder assembly through one full 360 degree rotation.

15. Lower the weapon to rest on the firing assembly baseplate by moving the speedshift selector valve handle to the UP position. The time required for the weapon to settle by gravity shall be

at least 5 seconds, but not more than 20 seconds With the weapon resting on the firing assembly baseplate, operate the ram hydraulic pumps to fully retract the speedshift cylinder assembly; and then move the speedshift selector valve handle to the OFF position

16. Level the cannon (Set the elevation to approximately 0 mils), open the breech mechanism assembly, and remove the dummy round

17. Close the breech mechanism assembly, and set the elevation to approximately 250 mils.

18. With the wheel lock handles released, move the wheels selector valve handle to the DOWN position, and operate the ram hydraulic pumps to lower the wheels and raise the towed howitzer, When the towed howitzer is fully raised, engage the wheel lock handles, and move the wheels selector valve handle to the OFF position The maximum force required to be applied to the pump handles shall not exceed 32 pounds (14.52 kg).

(b) Functional inspection of the following.

Item	*NSN*
Howitzer. medium, towed, 155 mm,M114	1025-00-322-9755
Howitzer. medium, towed, 155 mm, M114A1	1025-00-322-9768
Howitzer, medium, towed, 155 mm, M114A2	1025-01-025-9857

1. Move the weapon to a level inspection area which will allow the weapon to be placed in the firing position (trails spread). The area should measure approximately 25 by 30 feet (7.62 X 9.15 m) (Movement is not required if the storage location provides adequate space for the required tests.)

2. Spread the trails to the firing position, place the jack float under the firing jack, and operate the firing jack to raise the weapon's wheels off the ground. The firing jack must not bind or require excessive force to move the jack handles.

3 Open the breech mechanism, and inspect the cannon in accordance with appendix E.

4 Place a load of 54 + 5 pounds (24 9 $\pm$ 2.27 kg) into the chamber, and close the breech mechanism This weight is required to be in the chamber for the elevating mechanism test.

5. With the cannon elevated to approximately 4.00 mils, traverse the cannon 418 mils left of center (to stop), then traverse 866 mils to the right (to the right stop), and 448 mils left to the center position The maximum torque (measured at the handwheel shaft) required to traverse m either direction shall not exceed 50 m-lb (5.67 N-m) Also, the handwheel shall not exhibit a backlash in either direction m excess of 30 degrees.

6. With the 54 + 5 pounds (24.49 + 2.27 kg) weight m the chamber, elevate the cannon to the maximum elevation stop. Then depress the cannon to the minimum elevation stop, and elevate the cannon back to the towing elevation (approx4.00 mils). The torque required to elevate or depress the cannon shall be approximately the same, and the maximum torque (measured at the handwheel shaft) required to elevate or depress the cannon shall not exceed 100 in-lb (11.34 N-m). The handwheel shall not exhibit a backlash in either direction in excess of 30 degrees The variable recoil system shall function when elevating and depressing the cannon

7. Remove the weight from the cannon chamber

8. Operate the firing jack to lower the weapon to rest on its wheels, and bring the firing jack to the fully retracted position.

c. Functional inspection of the following.

Item	*NSN*
Howitzer, light, towed, 105mm, M101	1015-00-322-9728
Howitzer, light, towed, 105mm, M101A1	1015-00-322-9752

1. Move the weapon to a level inspection area which will permit it to be placed in the firing position (trails spread). The area should measure approximately 25 by 30 feet (7.62 x 9.15 m). (Movement is not required if the storage location provides adequate space for the required tests.)

2. With the wheels resting on two 11 1/2 inch (29.21 cm) high blocks, spread the trails to the firing position and install the locking pins.

3. Open the breech mechanism, and inspect the cannon in accordance with appendix E.

4. Place a dummy round weighing approximately 42 lb (19.05 kg) into the chamber and close the breech mechanism.

5. Unlock the cradle lock strut and latch it to the cradle in the stowed position.

6. Elevate and depress the cannon through its full elevation range (-90 to +1155 mils) The maximum torque (measured at the handwheel shaft) required to elevate or depress the cannon shall not exceed .65 m-lb (7.34 N-m). The handwheel shall not exhibit a backlash in either direction in excess of 18 degrees.

7. With the gun tube at approximately zero mils elevation, traverse the cannon through its full traverse range of 4.00 mils left to 4.00 mils right and back to center. The maximum torque (measured at the handwheel shaft) required to traverse the cannon m either direction shall not exceed 52 in.-lb (5.88 N-m) The handwheel shall not exhibit a backlash in either direction in excesss of 18 degrees

8. Remove the dummy round from the cannon chamber

9. Lock the cradle m the travel position with the cradle lock strut.

10. Move the trail locking pins to the stowed

position to unlock the trails

11. Close the trails to the travel position and engage the trail lock.

(d) Functional inspection of the following.

Item	*NSN*
Howitzer, light, towed, 105 nun, M102	1015-00-086-8164

1. Move the weapon to a level inspection area, and position It so that the firing platform is located over the center of a clear area with a minimum radius of 15 feet (4.57 m) (Movement is not required if the storage location provides adequate space for the required tests.)

2 Engage the left and right parking brakes and alternately apply an 800 + 80 pound (362.88 ± 86.29 kg) push and pull to the lunette with the roller are raised off the ground. The surface under the tires shall not allow them to slip (Alternatively apply a 500 - 50 ft-lb (678 ± 67.8 N-m) torque to each wheel with the wheels off the ground and the parking brakes ongaged) The wheels shall not rotate in either case.

3 Remove the locking pin from the travel lock and secure the travel lock in the stowed (firing) position

4 With a cannon in battery, release the parking brakes, remove and stow the wheel suspension pins, lower the weapon to rest on the firing platform and fully raise the wheels. The torque required at the input shaft of the actuator to lower the weapon and raise the wheels shall not exceed 320 in.-lb (36.16 N-m). Pause 1 minute and 10 seconds after the wheels have been fully raised The actuator shall lock and hold the weapon Lower the wheels and raise the firing platform to the towing position Pause 1 minute and 10 seconds after the wheels have been fully lowered. Again the actuator shall lock and hold the weapon.

5 Open the breech mechanism and inspect the cannon in accordance with appendix E.

6 Place a dummy round weighing approximately 42 lb (19.05 kg) m the chamber and close the breech mechanism.

7. Elevate and depress the cannon through its full range (-88.9 mils to + 1333.3 mils) and back to approximately level (zero mils elevation). The maximum torque (measured at the handwheel shaft) required to elevate or depress the cannon shall not exceed 75 in.-lb (8.47 N-m). The handwheel shall not exhibit a backlash in either direction m excess of 45 degrees (800 mils). The indicator line on the end of the regulator rod must be within the white0 to 178 mil zone on the end of the recuperator cylinder when the gun tube is at zero elevation and within the white 533 to 711 mil zone when the gun tube is at an elevation of 711 mils. The variable recoil mechanisms must move freely without binding throughout the entire range of travel.

8 With the gun tube at zero elevation, traverse the weapon through a full 360 degree (64.00 mil) rotation in both directions The maximum torque (measured at the handwheel shaft) required to traverse the weapon m either direction shall not exceed 75 m-lb (8.47 N-m) The shoes of the buffer assembly shall bear on the stiffening ring of the firing platform continuously while the weapon is being traversed.

9 Remove the dummy round from the cannon chamber.

10. Crank the actuator to lower the wheels and raise the weapon to the traveling position, and install the wheel suspension pins to secure the wheels m the traveling position. The maximum torque required at the actuator input shaft to raise the towed howitzer shall not exceed 320 in.-lb (36.16 N-m).

11. Place the travel lock m the travel position

(e) Functional inspection of the following:

Item	NSN	Referenced Manual Number
Howitzer, Pack, 75-MM, M16	1015-00-322-9770	2
Howitzer, Salute, 75-MM, M120	1015-00-699-9766	2
Howitzer, Light, Towed, 105-MM, M119	1015-01-248-0859	7-9
Launcher, Rocket, Multiple, 115-MM, M91	1055-00-675-9532	16-18

These items shall be inspected, lubricated and operated using dummy rounds m accordance with their applicable listed referenced manuals Note: After the M119 Howitzer has been inspected, the tube (barrel) shall be elevated to maximum elevation (1200 mils) with the run-back stop installed to reduce stress on the equilibrator springs.

(6) Preservation and packaging of serviceable weapons and components or assemblies shall be restored to their original condition for the lot. Sufficient preservatives and/or packaging shall be applied to unserviceable components or assemblies to prevent further deterioration and appropriately tag or label them to identify them for repair and prevent them from being issued. The weapon shall be returned to its proper storage requirements.

(7) The lot of towed weapons shall be rejected if the number of major defects exceeds the acceptance number of major defects allowed in Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 2.5 and/or if the number of minor defects exceeds the acceptance number of minor defects allowed in Table II-A of MII-STD-105 for the appropriate sample size and an AQL of 4.0.

(8) A defective towed weapon shall remain defective until it is repaired and reclassified. The defective towed weapon may be dispositioned to "use as is" by the local Materiel Review Board (MRB)

F-4. Report and reporting.

The report and reporting shall be m accordance with paragraph 2-9.

APPENDIX G

QUALITY ASSURANCE INSPECTION INSTRUCTION

SELF-PROPELLED HOWITZERS

TRC-5SH

G-1. Purpose.
The purpose of this inspection instruction is to provide instructions for the inspection of Self-Propelled Howitzers.

G-2. Policy.
This inspection instruction shall be used to detect any significant deterioration of materiel in storage and to avoid over-inspection.

G-3. Instructions.
This inspection instruction provides supplementary inspection instructions for the materiel in appendix A which cites the TRC of this appendix.

a References

(1) TB 9-1000-234-30 Exercising of Recoil Mechanisms and Equilibrators.

(2) TM 9-2300-216-10 Operator's Manual for Gun, Self-Propelled, 175-MM, M107 (2350-00-436-6635), Howitzer, Heavy, Self-Propelled, 8-Inch, M110 (2350-00-439-6243) and Howitzer, Heavy, Self-Propelled, 8-Inch, M110A1 (2350-01-013-3914).

(3) TM 9-2300-216-20 Organizational Maintenance Manual: Gun, Field Artillery, Self-Propelled: 175-MM, M107 (2350-00-436-6635), Howitzer, Heavy, Self-Propelled: 8-Inch, M110 (2350-00-439-6243) and Howitzer, Heavy, Self-Propelled- 8-Inch, M11OA1 (2350-01-013-3914).

(4) TM 9-2300-216-34-1 Direct and General Support Maintenance Manual: Gun, Field Artillery, Self-Propelled: 175-MM, M107 (2350-00-436-6635) and Howitzer, Heavy, Self-Propelled: 8-Inch, M110 (2350-00-439-6243) and Howitzer, Heavy, Self-Propelled: 8-Inch, Ml11OAl (2350-01-013-3914) Hull and Related Components.

(5) TM 9-2300-216-34-2 Direct Support and General Support Maintenance Manual: Traversing and Elevating Systems, Turret, and Related Components, Used on Gun, Field Artillery, Self-Propelled: 175-MM, M107 (2350-00-436-6635), Howitzer, Heavy, Self-Propelled: 8-Inch, M110 (2350-00-439-6243), and Howitzer, Heavy, Self-Propelled: 8-Inch, M110A1 (2350-01-013-3914).

(6) TM 9-2300-216-34-3 Direct Support and General Support Maintenance Manual 175MM Gun Cannon M113 and M113A1, 8-Inch Howitzer Cannon M2A2 and M201, Equilibrator and Adjusting Components, Mount M158 and M174, and Loader and Rammer Assembly Used on- Gun, Field Artillery, Self-Propelled: 175-MM, M107 (2350-00-436-6635), Howitzer, Heavy, Self-Propelled: 8-Inch, M110 (2350-00-439-6243) and Howitzer, Heavy, Self-Propelled: 8-Inch, M110A1 (2350-01-013-3914).

(7) TM 9-2300-216-ESC Equipment Serviceability Criteria for Gun, Field Artillery, Self-Propelled: 175-MM, M107 (2350-00-436-6635), Howitzer, Heavy, Self-Propelled 8-Inch, M110 (2350-00-439-6243).

(8) TM 9-2350-238-10 Operator's Manual: Recovery Vehicle, Full Tracked: Light, Armored, M578 (2350-00-439-6242).

(9) TM 9-2350-238-20 Organizational Maintenance Manual: Recovery Vehicle, Full Tracked: Light, Armored, M578 (2350-00-439-6242).

(10) TM 9-2350-238-34-1 Direct and General Support Maintenance Manual, Hull and Related Components: Recovery Vehicle, Full Tracked, Light, Armored, M578 (NSN 2350-00-439-6242).

(11) TM 9-2350-238-34-2 Direct and General Support Maintenance Manual, Crane (Cab) Components: Recovery Vehicle, Full Tracked: Light, Armored, M578 (2350-00-439-6242).

(12) TM 9-2350-304-10 Operator's Manual: Howitzer, Heavy, Self-Propelled, 8-Inch, M110A2 NSN 2350-01-041-4590

(13) TM 9-2350-304-20 Organizational Maintenance Manual: Howitzer, Heavy, Self-Propelled: 8-Inch, M110A2 NSN 2350-01-041-4590.

(14) TM 9-2350-304-34-1 Direct Support and General Support Maintenance Manual, Hull and Related Components, Howitzer, Heavy, Self-Propelled: 8-Inch, M110A2 NSN 2350-01-041-4590.

(15) TM 9-2350-304-34-2 Direct Support and General Support Maintenance Manual, Armament and Turret Components- Howitzer, Heavy, Self-Propelled: 8-Inch, M110A2 NSN 2350-01-041-4590.

(16) TM 9-2350-311-10 Operator's Manual for Howitzer, Medium, Self-Propelled: 155MM, M109A2 (2350-01-031-0586) and 155MM, M109A3 (2350-01-031-8851).

(17) TM 9-2350-311-20-1 Organizational Maintenance Manual for Hull, Powerplant, Drive

Controls, Tracks, Suspension and Associated Hardware-Howitzer, Medium, Self-Propelled, 155MM, M109A2 (2350-01-031-0586) and Howitzer, Medium, Self-Propelled, 155MM, M109A3 (2350-01-031-8851)

(18) TM 9-2350-311-20-2 Organizational Maintenance Manual for Cab, Armament, Sighting and Fire Control, Elevating and Traversing Systems and Associated Components' Howitzer, Medium, Self-Propelled, 155MM, M109A2 (2350-01-031-0586), M109A3 (2350-01-031-8851).

(19) TM 9-2350-311-34-1 Direct Support and General Support Maintenance Manual for Hull, Power Plant, Drive Controls, Tracks, Suspension and Associated Components: Howitzer, Medium, Self-Propelled, 155MM, M109A2 (2350-01-031-0586) and Howitzer, Medium, Self-Propelled, 155MM, M109A3 (2350-01-031-8851)

(20) TM 9-2350-311-34-2 Direct Support and General Support Maintenance for Cab, Armament, Elevating and Traversing Systems, and Associated Components: Howitzer, Medium, Self-Propelled, 155MM, M109A2 (2350-01-031-0586), M109A3 (2350-01-031-8851).

b. Inspection conditions

(1) Field Returns. All field returned items coded A or B shall be 100% inspected in accordance with paragraphs G-3c and *G-3d(4* & 5).

(2) Inspection Lot. An inspection lot is a group of items having the same level of storage, and year of manufacture, rebuild, or modification.

(a) Inspection Frequency. Inspection frequency shall be in accordance with appendix B.

(b) Inspection Lot Dlsposition Criteria. The lot shall be either accepted or rejected m accordance with paragraph G-3d.

c. Defect classification

(1) Any defect found by the visual inspection of the items for the Quality Defect Codes (QDCs) in appendix A shall be classified a critical, major, or minor defect m accordance with the QDC.

(2) Inadequate exercising of the equalibrators and recoil mechanism shall be classified a major defect.

(3) The failure of any applicable functional inspection or test due to excessive looseness, binding, interference, erratic action or other malfunction shall be classified a major defect.

d. Inspection Methods

(1) For a lot of self-propelled howitzers, the Inspection Level (IL) shall be S-2. See Table I, Sample Size Code Letters of MIL-STD-105.

(2) For a lot of self-propelled howitzers, the Acceptable Quality Levels (AQLs) shall be as follows:

Majors	*Minors*
2.5	4.0

See MILISTD-105, Table II-A, Single Sampling Plan for Normal Inspection

(3) A sample from the lot of self-propelled howitzers shall be selected m a random manner.

(4) Each sample self-propelled howitzer shall have its records checked for exercising of the equilibrators and recoil mechanism according to TB 9-1000-234-30.

(5) Each sample self-propelled howitzer shall be inspected for the defects in paragraph G-3c,during the visual inspection, lubrication, fueling and operation using dummy rounds in accordance with TRC-5CN (cannon inspection) and the applicable referenced manuals listed in Table G-1.

Table G-1.

Item	NSN	Referenced Manual Number
Gun, Field Artillery, Self-Propelled, 175-mm, M107	2350-00-436-6635	2-7
Recovery Vehicle, Full Tracked, Light Armored, M578	2350-00-439-6242	8-11
Howitzer, Heavy, Self-Propelled, 8-mch, M110	2350-00-439-6243	2-7
Howitzer, Medium, Self-Propelled, 155-mm, M109	2350-00-440-8811	16-20
Howitzer, Medium, Self-Propelled, 155-MM, M109A1	2350-00-485-9662	16-20
Howitzer, Heavy, Self-Propelled, 8-Inch, M110A1	2350-01-013-3194	2-7
Howitzer, Medium, Self-Propelled, 155-mm, M109A2	2350-01-031-0586	16-20
Howitzer. Medium, Self-Propelled, 155-mm, M109A3	2350-01-031-8851	16-20
Howtizer, Heavy, Self-Propelled, 8-mch, M110A2	2350-01-041-4590	12-15

(6) Preservation and packaging of serviceable weapons and components or assemblies shall be restored to their original condition for the lot Sufficient preservatives and/or packaging shall be applied to unserviceable components or assemblies to prevent further deterioration and appropriately tag or label them to identify them for repair and prevent them from being issued. The weapon shall be returned to the proper storage requirements.

(7) The lot of self-propelled howitzers shall be rejected if the number of major defects exceeds the acceptance number of major defects allowed in Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 2.5 and/or if the number of minor defects exceeds the acceptance number of minor defects allowed in Table II-A of MIL-STD-105 for the appropriate sample size and an AQL of 4.0.

(8) A defective self-propelled howitzer shall remain defective until it is repaired and reclassified. The defective self-propelled howitzer may be dispositioned to "use as is" by the local Materiel Review Board (MRB)

G-4. Report and reporting.

The report and reporting shall be in accordance with paragraph 2-9.

By Order of the Secretary of the Army

CARL E. VUONO
General, United States Army
Chief of Staff

Official.

THOMAS F SIKORA
Brigadier General, United States Army
The Adjutant General

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THE METRIC SYSTEM AND EQUIVALENTS

'NEAR MEASURE

. Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
1 Kilometer = 1000 Meters = 0.621 Miles

'VEIGHTS

Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
1 Kilogram = 1000 Grams = 2.2 lb.
1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

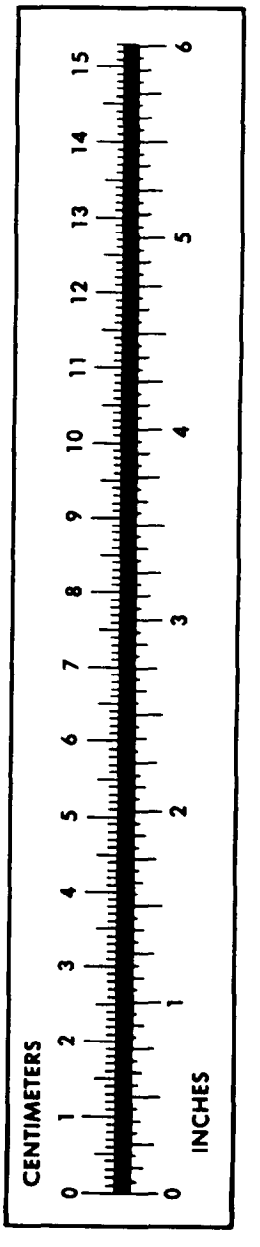
TEMPERATURE

5/9(°F - 32) = °C
212° Fahrenheit is evuivalent to 100° Celsius
90° Fahrenheit is equivalent to 32.2° Celsius
32° Fahrenheit is equivalent to 0° Celsius
9/5C° + 32 =°F

APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
ıts	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
lometers per Liter	Miles per Gallon	2.354
meters per Hour	Miles per Hour	0.621



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