

WARNING

THIS CONTRACT INVOLVES HAZARDOUS MATERIAL

SEE SEPARATE HAZARDOUS COMPONENT SAFETY
DATA STATEMENTS FOR TECHNICAL DATA
AND SAFETY REQUIREMENTS

(TITLE OF END ITEM AND IFB, RFQ, RFP'S, ETC. OR CONTRACT NUMBER)

DAAE20-00-R-0104
MK19 Grenade Machine Gun

**FIRMS MUST HAVE ADEQUATE FACILITIES
FOR HANDLING AMMUNITION, EXPLOSIVES,
or other unique military related dangerous material
involved that could adversely affect personnel and
property in the event of explosion, fire or exposure.
Prior to contract award, the Government will thoroughly
investigate the ability of prospective contractor to
comply with safety requirements.**

LIST OF MANDATORY GOVERNMENT SPECIFICATIONS AND STANDARDS

MIL-DTL-16232G PHOSPHATE COATING, HEAVY

MIL-PRF-16173 CORROSION PREVENTIVE COMPOUND, SOLVENT CUTBACK, COLD APPLICATION

MIL-C-46168 COATING, ALIPHATIC POLYURETHANE, CHEMICAL AGENT RESISTANT

MIL-C-53039 COATING, ALIPHATIC POLYURETHANE, SINGLE COMPONENT, CHEMICAL AGENT RESISTANT

MIL-G-70790 GUN, MACHINE, 40 MM MK19, MOD 3

AMS-H-6875 HEAT TREATMENT OF STEEL, PROCESS FOR

MIL-PRF-3150 LUBRICATING OIL, PRESERVATIVE, MEDIUM

MIL-L-46000 LUBRICANT, SEMI-FLUID (AUTOMATIC WEAPONS)

MIL-L-46150 LUBRICANT, WEAPONS, SEMI-FLUID (HIGH LOAD CARRYING CAPACITY)

MIL-P-53030 PRIMER COATING, EPOXY, WATER REDUCIBLE, LEAD AND CHROMATE FREE

MIL-STD-1261 ARC WELDING PROCEDURES FOR CONSTRUCTIONAL STEEL, CLASS I

AMS-STD-2175 CASTING, CLASSIFICATION & INSPECTION OF

QQ-C-320 CHROMIUM PLATING (ELECTRODEPOSITED)

USE IN LIEU OF TABLE IV IN MIL-G-70790 AND THE 29 ROUND FIRING SCHEDULE

FIRING TEST SCHEDULE

Test	Quantity of M38SA1A Ammunitions on Per Weapon 1/	Number of Bursts	Method of Firing
a. Proof Inspection	1	1	Manual
b. Firing Mode (Ambient)	10	2/	Manual
c. Belt Pull	5 2/	2 Bursts (2 to 4 rd/burst)	Manual
d. Cyclic Rate	5 2/	1	Manual
e. Accuracy	4/	4/	4/
f. Interchangeability	10	2/	2/
g. Reliability Demonstration	6600	See 4.5.14	Alternate Manual to Solenoid each 1152 rd cycle

- 1/ Quantity of weapons per lot (sample or 100%) is specified in the "CONFORMANCE CRITERIA" column of Table III. An entire belt of 29 rounds shall be firing from the weapon, but only 11 rounds total are used in tests a thru e.
- 2/ For burst requirements see tests c. and d.
- 3/ Test performed concurrently with b.
- 4/ All rounds from tests a. thru d. shall pass through the accuracy window.
- 5/ After successful completion of tests a. thru e., the required weapons shall be interchanged and shall be subjected to tests b. thru e.

ACCOUNTABILITY INSTRUCTIONS

MK19 Grenade Machine Gun

1. TRANSFER OF ACCOUNTABILITY.

Government furnished equipment (GFE) for temporary use and Government furnished material (GFM) for consumption/incorporation: Accountability for this material is transferred to the contractor under provisions of the FAR. The contractor shall maintain the official proper; property records in accordance with Part 45. Cited data item descriptions provide transaction reporting necessary for accurate physical and fiscal accounting for material in the possession of defense contractors.

2. POINT OF CONTACT FOR ACCOUNTABILITY.

Director
TACOM-RI
ATTN: AMSTA-LC-CIAC
Rock Island, IL 61299-7630
Commercial Phone: (309) 782-4272/7616

3. MATERIAL RECEIPT BY CONTRACTOR.

a. **Discrepancy reporting:** Discrepancies shall be distinguished and reported as on of the following:

(1) **Transportation type discrepancy:** This discrepancy is evident when material received disagrees with the condition, quantity, or type from that property described on the bill of lading or other transportation document. See DI-MGMT-80544A.

(2) **Shipping type discrepancy:** This discrepancy is evident when freight is opened and the contents do not agree with the supply shipping documents. See DI-MGMT-80503, Report of Shipping (Item) and Packaging Discrepancy.

(3) **Quality Deficiency Reports (QDRs).**

4. MILSTRIP REQUISITIONING.

a. MILSTRIP requisition authority is granted for items identified by NSN and quantities (not to be exceeded) in this contract. MILSTRIP requisitions will be submitted in accordance with DD Form 1423, DI-MGMT-80408B.

b. Requisitions submitted under this contract shall contain the following data:

- (1) Routing Identifier Code (CC 4-6): A84
- (2) Media and Status Code (CC 7): S
- (3) Supplementary Address (CC 45-50): Blank
- (4) Signal Code (CC 51): TBD
- (5) Fund Code (CC 52-53): TBD
- (6) Distribution Code (CC 54): S
- (7) Project Code (CC 57-59): Blank
- (8) Priority (CC 60-61): 03 Work Stoppage; 06 Anticipated Work Stoppage; 13 Routine
- (9) Advice (CC 65-66): 2J

5. CONSUMPTION OF GFM.

Consumption of GFM shall be reported in accordance with DD Form 1423. See DI-MGMT-80438B.

Attachment 003

6. SHIPMENT OF SERIAL NUMBERED SMALL ARMS.

a. Tracking small arms by serial control transactions is required by AR 710-3, Chapter 4, Section 1, and shall be accomplished IAW DI-MISC-80914A, Small Arms Serialization Program (SASP) Transaction.

b. Weapon Serial Number (WSN) control transactions will be furnished for each small arm shipped under DOD contracts in accordance with the following:

(1) One serial number control transaction (80 column format), as applicable, shall be furnished for each weapon shipped and forwarded with the shipment.

(2) One set of serial number control transactions will be forwarded to each of the appropriate addressee(s) cited in the DD Form 1423, block 14, within the time frames established in the DD Form 1423, block 16. Media is described below.

(3) WSN control transactions required for the DOD Central Registry shall be forwarded by registered mail to:

U.S. Army Materiel Command
Logistics Support Activity (LOGSA)
Major Item Center (MIC)
ATTN: AMXLS-MD (UIT)
Redstone Arsenal, AL 35898-7466

(4) Transactions may also be forwarded using the following media:

(a) Transactions may be transceived by AUTODIN utilizing address routing code RUQADUE with content indicator code AHAE.

(b) Disk, if used, shall be 3 ½ diskette in rich text format (RTF).

(c) Electronic mail using 80 column format in AR 710-3, Table 4-1 and Tables 4-6 thru 4-9 and file size must be no more than 500 lines. Transmit all data to uit@logsa.army.mil.

7. WSN control transactions accompanying weapons shall be packaged in suitable containers if diskette is used. The packaged transactions shall be placed with the other documents that accompany the shipment.

8. EXCESS GFM.

a. **Inventory:** In accordance with the FAR, subpart 45.508-1, immediately upon termination or completion of a contract, the contractor shall perform and cause each subcontractor to perform a physical inventory, adequate for disposal purposes, of all GFM applicable to the contract.

b. **Disposition instructions:** Within 45 days after receipt of the inventory list, the contracting officer will provide the contractor with disposition instructions. To assure property accountability and preclude contractor liability, all GFE must be returned on the document number under which it was received.

PLEASE NOTE: Data Item Descriptions may be found on the web at:
<http://astimage.daps.dia.mil/quicksearch>.

WARRANTY ACCOUNTABILITY INSTRUCTIONS

MK19 Grenade Machine Gun

1. RETENTION OF ACCOUNTABILITY.

Government assets provided for warranty repair: The Government is required to retain property accountability for all wholesale assets sent to the contractor for warranty repair. FAR subpart 45.105(b)(1) is invoked to enable the Government to maintain the official property records for Government property furnished to a contractor for storage or repair. The contractor shall maintain custodial inventory records of assets for which the Government is accountable to enable calculation of an inventory balance by NSN. Subpart 45.5 of the FAR (paragraphs 45.505, 45.505-1, and 45.505-3) contains provisions acceptable for custodial property records. Cited data item descriptions provide transaction reporting necessary for accurate physical and fiscal accounting for material in the possession of defense contractors.

2. The contractor shall forward information required by the Contract Data Requirements List, DD Form 1423, via electronic mail (amsta-lc-ciac@ria.army.mil), in accordance with required distribution to the following POC:

Director
TACOM-RI
ATTN: AMSTA-LC-CIAC
Rock Island, IL 61299-7630

3. MATERIAL RECEIPT BY CONTRACTOR

a. **Reporting of receipts:** The contractor shall receive assets from the Government and shall perform an inspection and inventory within the time specified by DD Form 1423. Assets received shall be reported by NSN, quantity, condition code, document number and serial number of receipt in accordance with DD Form 1423, DI-MGMT-80442. Reporting data may be obtained from DD Form 1348-1A accompanying the receipt, from other documentation provided, or from the following POC:

Director
TACOM-RI
ATTN: AMSTA-LC-CIMD
Rock Island, IL 61299-7630
Commercial Phone: (309) 782-6396

b. **Discrepancy reporting:** Discrepancies shall be distinguished and reported as one of the following:

(1) **Transportation type discrepancy:** This discrepancy is evident when material received disagrees with the condition, quantity, or type from that property described on the bill of lading or other transportation document. See DI-MGMT-80544A.

(2) **Shipping type discrepancy:** This discrepancy is evident when freight is opened and the contents do not agree with the supply shipping documents. See DI-MGMT-80503, Report of Shipping (Item) and Packaging Discrepancy.

c. **Status of repairable assets:** The status of repairable assets shall be provided by the Report of Receipts, Adjustments, Inventory, and Shipments. See DI-MGMT-80442.

d. **Receipt of serial numbered small arms:** Tracking small arms by serial control transactions is required by AR 710-3, Chapter 4, Section 1, and shall be accomplished in

Attachment 004

accordance with DI-MISC-80914A. Each asset received from the Government will be accompanied by two Small Arms Serialization Program (SASP) "S" transaction cards (DI: DSM). Immediately upon receipt of weapons with accompanying SASP cards, process the two "S" transactions in accordance with the following to prepare three "R" transactions.

(1) Perpetuate all data entries except the following:

CC 7 Transaction Code: Change to "R"
CC 45-50 DODAAC, Ship to: To be provided
CC 51-56 Reporting DODAAC: Change to the DODAAC specified in the contract
CC 76-80 Transaction Date: Enter current ordinal date

(2) Two "R" transactions shall remain with the weapon throughout the repair/storage process. The remaining transaction shall be immediately forwarded by registered mail to:

U.S. Army Materiel Command
Logistics Support Activity (LOGSA)
Major Item Center (MIC)
ATTN: AMXLS-MD (UIT)
Redstone Arsenal, AL 35898-7466

(3) Transactions may also be forwarded using the following media:

(a) Transactions may be transceived by AUTODIN utilizing address routing indicator code RUQADUE with content indicator code AHAE.

(b) Disk, if used, shall be 3 1/2" diskette in rich text format (RTF).

4. SHIPMENT OF REPAIRED ITEMS.

a. **General:** Upon completion of storage or repair, the contractor shall return the assets to the Government. Disposition may be prearranged for delivery to a specific depot with a provision for exception.

b. **Material inspection and receiving report:** The contractor shall use DD Form 1348-1A Single Line Item Release/Receipt Document, for return of material. It is imperative that the document number, serial number (and NSN, unless reidentified) from the incoming shipping document, DD Form 1348-1A. There return instructions must be complied with except when other modifying instructions are authorized by TACOM-RI. These exceptions will be handled on a case-by-case basis and the contractor will be provided with amended shipping instructions, as required. Copies of all DD Form 1348-1A shall be mailed to the accountable activity.

c. **Shipment of serial numbered small arms.**

(1) For each small arms asset being shipped, 3 DIC DSM "S" transactions shall be prepared IAW DI-MISC-80914A.

(2) Perpetuate all data entries from the DIC DSM "R" transaction except the following:

CC 7 Transaction Code: Change to "S"
CC 76-80 Ordinal Date: Enter date of shipment

(3) Distribution and submission media shall be in accordance with paragraph 3d above.

5. REPORT OF BALANCE AND/OR PHYSICAL INVENTORY COUNT.

a. **Balance by NSN:** The contractor shall report to the Government (assigned Supply Distribution Activity (ASDA) or Management Control Activity (MCA)) an NSN balance by contract in accordance with DI-MGMT-80442.

b. **Discrepancies:** Should balance reported differ from computed balance maintained by the Government, DI-MGMT-80442 shall be utilized to provide results of physical count directed by the administrative contracting officer (ACO).

(1) Gains resulting from subtracting the quantity recorded on Government records from the quantity physically inventoried will be posted to Government records by adjustment report by TACOM-RI.

(2) Losses resulting from subtracting the quantity physically inventoried from the quantity recorded on Government records are subject to report of survey process. The contracting officer will affect a finding and determination will be included in the report of survey as an exhibit.

c. **Appointing and approving authority:** The appointing and approving authority will be the Director of TACOM-RI, or persons to whom this authority has been delegated.

PLEASE NOTE: Data Item Descriptions may be found on the web at: <http://astimage.daps.dla.mil/quicksearch>.

265_19200_SD_H_0001_0001_U_N
 August 28, 2000 10:20 AM

HAZARDOUS COMPONENT SAFETY DATA STATEMENT (BCSDS)		1. DATE PREPARED	HOW TO OBTAIN LABEL
2. MATERIAL (COMPONENT) ASSEMBLY Cartridge, 40mm, Practice, M385 and M385A1		99 Mar 05	MIL (AR) 1687
3. APPLICABLE FEDERAL REGULATIONS PERMITS FROM SAFETY CLASS		2. NUMBER 265	4. PERFORM H
28.7102			
PART I - SENSITIVITY (Applicable and Comparison Values)			
6. FRICITION TEST NA	7. IMPACT TEST NA	8. INFLAMMATION DISCHARGE TEST NA	
PART II - HAZARDS			
9. FIRE Moderate	10. AUTO IGNITION TEMP NA	11. FLASHPOINT NA	12. HEALTH HAZARD INFORMATION Toxic, Avoid Inhalation and Ingestion
13. FLAMMABLE LIQUID EXPOSURE LIMIT A. LOWER PERCENT NA	B. UPPER PERCENT NA	14. CORROSION Low	15. EXPOSURE TEMP. (5 Sec) NA
17. HEALTH HAZARD INFORMATION (Toxicity) Not Toxic		18. UNPACKED TO EXPOSED DURATION Class L4	
19. SPECIAL REMARKS (If additional space is needed, use plain bond paper) Ref Dwg: 8836326 and Spec: MIL-C-60944 Approved Packaging Drawings: (See Attached Sheet)			
PART III - SHIPPING / STORAGE CLASSIFICATION OF ITEMS WHEN PACKED IN ACCORDANCE WITH APPROVED PACKING DRAWINGS			
20. DOT HAZARD CLASSIFICATION 1.4	21. DOT STORAGE/STABILITY CODE C	22. DOT HAZARD LABELING CODE 1.4C	23. IBC CODE/CLASSIFICATION See attached sheet
24. PREPARED BY (Typed) E. W. RATSON		25. SIGNATURE <i>E. W. Ratson</i>	26. ORGANIZATION Safety Office, ARDEC
27. FORWARDED BY (Typed) C. L. NGUYEN		28. SIGNATURE <i>C. L. Nguyen</i>	29. ORGANIZATION Safety Office, ARDEC
30. SAFETY CHECK BY (Typed) C. E. PETERS		31. SIGNATURE <i>C. E. Peters</i>	32. ORGANIZATION Safety Office, ARDEC
<p>The information relating to safety hazards referred to as "safety data" provided in this document is limited to those instances when the document is provided as a part of a procurement/proposal for a package which involves the development, testing, storage, transportation, modification, maintenance, demilitarization, packaging, transportation, handling, disposal, inspection, usage or any other use of the item (except for non-combat use) which is specified in the contract. The safety data can include health and protection which shall be used by the contractor to alert contractor personnel as well as other personnel of hazards associated with the</p>		<p>procurement/production of the item. No representation is made that compliance with the information provided will prevent any accidents to persons or property or that additional warnings may not be appropriate. Neither the foregoing nor any act or failure to act by the Government in regard to alerting personnel to the hazards of the item shall affect or reduce the contractor of responsibility for the safety of contractor personnel or property and for the safety of the general public in connection with the performance of the contract. It is not to be construed as adding to any liability of the Government for such safety.</p>	
		Sheet 1 of 3	

Attachment 005

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August 28, 2000 10:20 AM

265
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05 Mar 99

Cartridge, 40mm, Practice, M38S
and M38SA1
Spec: MIL-C-60944
HCSDS: 265
Dwg: 8886326 Rev-w

Case, Cartridge, M169, f/40mm
Spec: MIL-C-60943
HCSDS: .401
Dwg: 8886327

Projectile, Assy f/Ctg, 40mm
Dwg: 8866714

265 19200 SD H 0003 0001_U_N
August 28, 2000 10:21 AM

265
H
05 Mar 99

Requirements: (Cont'd)

1. Classifications are for shipment and storage when item is packaged in accordance with applicable parts of 49CFR for proper description, packaging, marking and classification, the following Hazard Classification is assigned to the subject item:

DOD Hazard Class/Div/SCG: 1.4C
DOT Hazard Class: 1.4C
(Section 173, Subpart C, Section 173.52)
DOT Label: Explosive 1.4C
(Section 172, Subpart E (172.411 (c) & (d))
DOT Proper Shipping Name (PSN): Cartridges for Weapons,
Inert Projectile
(Section 172, Subpart B and Section 172.101)
UN Serial Number: 0339
DOT Container Marking: Cartridges for Weapons,
Inert Projectile
NSF: (as applicable)
DOT Authorization (EX): (as applicable)
(Section 172, Subpart D, Section 172.301(a) and
172.320(a))
Packaging Method: PI-130
Explosive Weight for QD Determination: lbs (kgs): 0.0104
(0.0047.7)

2. Packaging Drawings:

32 Cartridges - M16A2 - PA120 Container: (12934554)
12564414, 12928042
(NSN: 1310-01-108-7894/MSN: 1310-01-316-9973)
DOT Authorization: EX-8908313

32 Cartridges - M16A2 Linked - PA120 Container: (12934554)
12564414, 12928042
(NSN: 13130-01-351-9039) DOT Authorization: EX-9506042 (USMC)

48 Cartridges - M16A2 Linked - M548 Container: (9370125)
9362543, 7258943
(NSN: 1310-01-159-3184) DOT Authorization: EX-8810383

50 Cartridges - M16 Linked - fiber in WBB: (9251995) 9251996
(NSN: 1310-00-994-7441) DOT Authorization: EX-8908282A

50 Cartridges - M16A1 Linked - fiber in WBB: (9251995) 9251996
(NSN: 1310-00-180-9359) DOT Authorization: EX-8904210

Sheet 3 of 3

DOCUMENT SUMMARY LIST

Item: MK 19 GMG
 NSN: 1010-01-126-9063
 Control Number/PRON: M119801A

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3rd and lower tier) which have been tailored.

DOCUMENT CATEGORY:

CATEGORY 0 - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

CATEGORY 1 - The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

CATEGORY 2 - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

CATEGORY 3 - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Document Category
1a. MIL-STD-2549 Table DIP 4-1	Configuration Management Data Interface	30 Jun 97 Cat 2
1b. DI-CMAN-81554 (seq A001)	Configuration Change Control Data Information Packet	30 Jun 97 Cat 2
2. ANSI/ISO/ASQC Q9002 or equivalent	Model for Quality Assurance in Production, Installation & Servicing	18 Jul 94
3a. NCSL Z540-1 (ES7010)	General Requirements for Calibration Laboratories and Measuring and Test Equipment OR	30 Aug 94
ISO 10012-1 (ES7010)	Quality Assurance Requirements for Measuring Equipment, Part 1: Metrological Confirmation System	1992
3b. DI-QCIC-81006 (DD Form 1423)	Special Inspection Equipment Descriptive Documentation	11 Sep 89 Cat 1

4a. MIL-DTL-16232G (TDPL)	Phosphate Coating Heavy Manganese or Zinc Base	07 Jan 00 Cat 2
4b. DI-NDTI-80603 (DD Form 1423)	Test Procedure	07 Jun 88 Cat 1
5. FAR PART 45 ACTBY INST, para 1,9	Federal Acquisition Regulation	1 Apr 1984 Cat 2
6a. N/A ACTBY INST, para 4a(1)	Statement of Work	N/A Cat 2
6b. DI-MGMT-80544A (DD Form 1423)	Transportation Discrepancy Report	08 Nov 1990 Cat 1
7a. N/A ACTBY INST, para 4a(2)	Statement of Work	N/A Cat 2
7b. DI-MGMT-80503 (DD Form 1423)	Report of Shipping (Item) and Packaging Discrepancy	30 Dec 1987 Cat 1
8a. N/A ACTBY INST, para 5	Statement of Work	N/A Cat 2
8b. DI-MGMT-80408B (DD Form 1423)	Request for Government Furnished Materiel	15 May 1998 Cat 1
9a. N/A ACTBY INST, para 6	Statement of Work	N/A Cat 2
9b. DI-MGMT-80438B (DD Form 1423)	Government Furnished Materiel (GFM) Consumption Report	15 May 1998 Cat 1

LIST OF ADDRESSES

Commander
U.S. Army Industrial Operations Command
ATTN: AMSIO-_____ (see block 14 of DD Form 1423 for symbols that apply)
Rock Island, IL 61299-6000

Commander
U.S. Army Tank-automotive and Armament Command
ATTN: AMSTA-_____ (see block 14 of DD Form 1423 for symbols that apply)
Rock Island, IL 61299-8630

Director
U.S. Army, Armament, Research, Development & Engineering Center
ATTN: AMSTA-AR-_____*(R) (see block 14 of DD Form 1423 for symbols that apply)
Rock Island, IL 61299-7300

Commander
U.S. Army, Armament, Research, Development & Engineering Center
ATTN: AMSTA-AR-_____*(D) (see block 14 of DD Form 1423 for symbols that apply)
Picatinny Arsenal, NJ 07806-5000

*When letter in parentheses at end of office symbol is a (R), use Rock Island address;
when it is a (D), use Picatinny Arsenal address.

EMAIL addresses:

AMSTA-AR-QAA(D)	aie-qaa@pica.army.mil
AMSTA-AR-QAC(D)	aie-qac@pica.army.mil
AMSTA-AR-QAT(D)	aie-qat@pica.army.mil
AMSTA-AR-QA__(R)	amsta-ar-qa-cdrl@ria.army.mil

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 000426		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington, DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.						2. PROCURING ACTIVITY NO. L2S3019	
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) SACODEFENSECORP						b. ADDRESS (Street, City, State, Zip Code) 291 NORTH STREET SACO, ME 04072	
5. CLASS OF ECP I						6. JUST. CODE D	
7. PRIORITY R						9. BASELINE AFFECTED <input type="checkbox"/> FUNCTIONAL <input type="checkbox"/> ALLOCATED <input checked="" type="checkbox"/> PRODUCT	
8. ECP DESIGNATION a. MODEL/TYPE 40MM, M.G.		b. CAGE CODE 26978		c. SYSTEM DESIGNATION MK19MOD3		10. OTHER SYS./CONFIG ITEMS AFFECTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
d. ECP NO. 0247-E-0004		e. TYPE F		f. REV		11. SPECIFICATIONS AFFECTED	
12. DRAWINGS AFFECTED				13. TITLE OF CHANGE Redimension formed head of Round Positioning Block pin			
a. SYSTEM		CAGE Code 10001		Specification/Document No. QAP3269439		Rev 10001	
b. DEVELOPMENT						Number E3269460	
c. PRODUCT							
14. CONTRACT NO. AND LINE ITEM DAAE20-97-C-0247				15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last) Kristan A. Mendoza b. CODE AMSTA-LC-CSCA c. TELEPHONE 1-309-782-0243			
16. CONFIGURATION ITEM NOMENCLATURE 40MM Machine Gun, MK19MOD3						17. IN PRODUCTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE Block, Round Positioning				b. PART NUMBER 3269439		c. NSN 1010-01-23-6094	
19. DESCRIPTION OF CHANGE This ECP proposes to: redimension formed head of Round Positioning Block pin to ensure adequate grip between pin and Round Position Block. (See the attached NOR for proposed drawing change.)							
20. NEED FOR CHANGE During a Quarterly Endurance Test, pins became loose due to inadequate contact between formed head of pin and Round Positioning Block. This condition can occur with components that meet the drawing requirements. The proposed change insures that the preferred condition is assured. (CONTINUED ON NEXT PAGE)							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER N/A				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE N/A			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY None				b. SHIP/VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATION OF SHIP/VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COST/SAVINGS UNDER CONTRACT N/A				25. ESTIMATED NET TOTAL COSTS/SAVINGS N/A			
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE <i>S. Chubbuck</i>				b. TITLE Configuration Manager			
27. APPROVAL/DISAPPROVAL							
a. CLASS I <input type="checkbox"/> APPROVAL RECOMMENDED <input type="checkbox"/> DISAPPROVAL RECOMMENDED		b. CLASS II <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		c. CLASS III CONCUR IN CLASSIFICATION OF CHANGE <input type="checkbox"/>		DO NOT CONCUR IN CLASSIFICATION OF CHANGE <input type="checkbox"/>	
d. GOVERNMENT ACTIVITY				e. SIGNATURE		f. DATE SIGNED (YYMMDD)	
g. APPROVAL <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		h. GOVERNMENT ACTIVITY <i>Mr. Simon Brown</i>		i. SIGNATURE		j. DATE SIGNED (YYMMDD) 5/24/00	

ECP0247-E-0004
PAN
CONTINUATION SHEET

BLOCK 20. NEED FOR CHANGE (Cont'd)

NOR 3269439
CHANGE #1

The addition of Note 11 will ensure that after the head of the pin is formed in production, sufficient contact will be made between the pin and the body so that the pin cannot become loose.

CHANGE #2

This change removes the unnecessary restriction that the preformed length of the pin meet a specific requirement. The characteristic that is important to the function of the part is the configuration of the head of the pin after forming. This is defined by Note 11 (Added by Change #1) and the .060+.015/-.030 typ dimension shown in change #3.

CHANGE #3

This change dimensions the height of the pin, after forming, from the bottom of the counterbore which makes it consistent with the intent of this change to provide adequate contact between the pin and the body to ensure that the pin does not come loose.

NOR SQ3269439

CHANGE 1 & 2.

These additions to the QAP establish a QAP characteristic and the testing requirements for checking the mating conditions between the pin and the body. Since this condition can only be verified by destructive testing, it is proposed as a first article test and after any of the defined elements of the process are changed.

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD)	Form Approved
This revision described below has been authorized for the document listed.		000426	DMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 2 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.		2. PROCURING ACTIVITY NO. L033019	
3. DODACC		6. NOR NO. 3269439	
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	5. CAGE CODE	8. DOCUMENT NO.
a. TYPED NAME (First, Middle Initial, Last) SACO DEFENSE CORP.	291 NORTH STREET SACO, MAINE 04072	26978	3269439
9. TITLE OF DOCUMENT		7. CAGE CODE	11. ECP NO.
Block, Round Positioning		10001	0247-E-0004
10. REVISION LETTER		11. ECP NO.	
a. CURRENT		b. NEW	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES			
40MM Machine Gun, MK19 MOD 3			
13. DESCRIPTION OF REVISION			
<p>1. Add note "11. After forming of head there shall be no clearance which would allow movement between mating Items 1 and 2."</p> <p>2. Zone H1: Change</p> <p><u>FROM:</u></p> <p>".357 -.000/-.010"</p> <p><u>TO:</u></p> <p>".357 REF"</p>			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) ONE	(1) Existing document supplemented by this NOR may be used in manufacture.		
	(2) Revised document must be received before manufacturer may incorporate this change.		
	(3) Custodian of master document shall make above revision and furnish revised document to:		
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT	c. TYPED NAME (First, Middle Initial, Last)		
CDHSA 174572-15-175	Gardner H. C. ...		
d. TITLE	e. SIGNATURE		f. DATE SIGNED (YYMMDD)
Product Director			5/26/00
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)		c. DATE SIGNED (YYMMDD)

NOTICE OF REVISION (NOR)

Continuation Sheet

ORIGINATOR NAME AND ADDRESS SACO DEFENSE INC. 291 NORTH STREET, SACO, ME. 04072

CAGE CODE 26978

DATE 000426

NOR CONTINUATION SHEET 2 OF 3

NOR NO.

PAN

DOCUMENT NUMBER

— 3269439

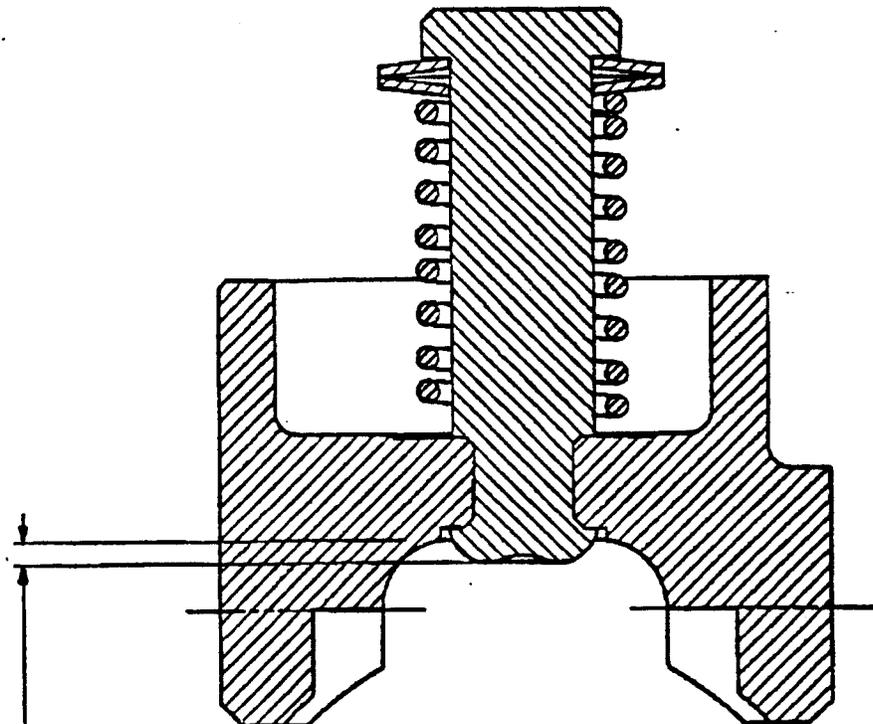
DESCRIPTION OF REVISION

ECP NO.

0247-E-004

3. Change:

FROM:



.060 \pm .015 TYP
-.030

SECTION A-A
SCALE 4/1

NOTICE OF REVISION (NOR)

Continuation Sheet

NOR CONTINUATION SHEET 3 OF 3

ORIGINATOR NAME AND ADDRESS
SACO DEFENSE CORP.
291 NORTH STREET, SACO, ME. 04072

CAGE CODE
26978

DATE
000426

NOR NO.

PAN

DOCUMENT NUMBER

— 3269439

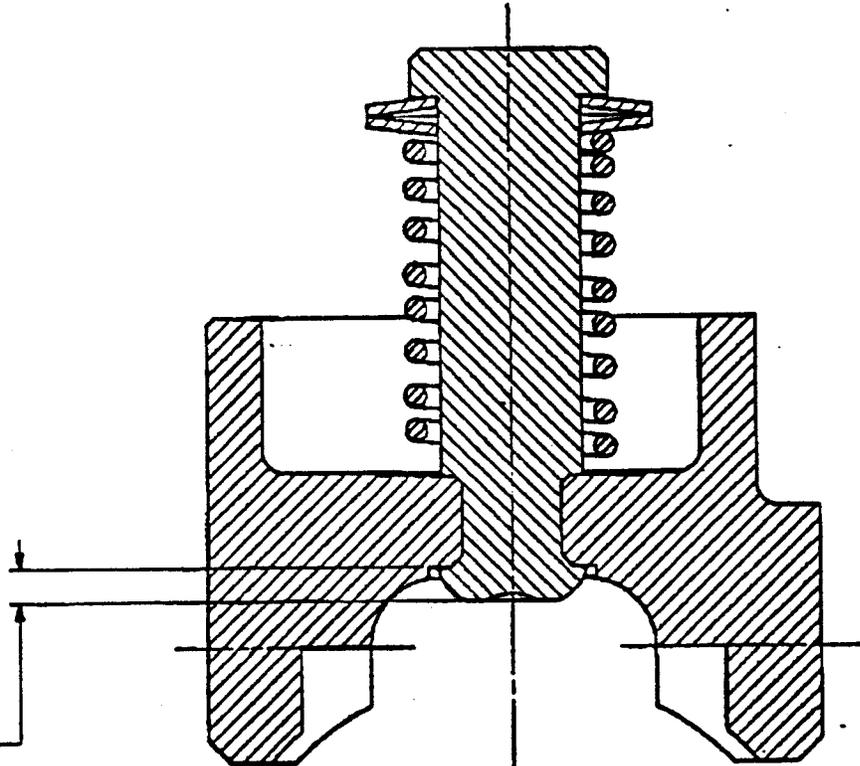
DESCRIPTION OF REVISION

ECP NO.

0247-E-0004

TO:

.060 \pm .015 TYP
-.030



SECTION A-A
SCALE 4/1

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD)	Form Approved OMB No. 0704-0188
This revision described below has been authorized for the document listed.		000426	
Public reporting burden for this collection of information is estimated to average 2 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.			1. PROCURRING ACTIVITY NO. L053019
4. ORIGINATOR		5. CAGE CODE	6. NOR NO.
a. TYPED NAME (First, Middle Initial, Last)	b. ADDRESS (Street, City, State, Zip Code)	26978	SQ3269439
SACO DEFENSE CORP.	291 NORTH STREET SACO, MAINE 04072	7. CAGE CODE	8. DOCUMENT NO.
		10001	SQ3269439
9. TITLE OF DOCUMENT		10. REVISION LETTER	
QAP For Round Positioning Block		a. CURRENT	b. NEW
11. ECP NO. 0247-E-0004			
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES 40MM Machine Gun, MK19 MOD 3			
13. DESCRIPTION OF REVISION			
1. Sht 3: Add char "112 Note 11 (See Table II) F-8 STM-6"			
2. Sht 4, in Table II: Add			
"6. Note 11. Three (3) cross section samples shall be accomplished at the time of 1st Article and whenever the following process variables are changed:			
1. Material of Item 2			
2. Heat treatment of Item 2			
3. Dimensions of Item 2			
4. Mating dimensions of Item 1			
5. Method of forming head"			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) ONE	<input checked="" type="checkbox"/>	(1) Existing document supplemented by this NOR may be used in manufacture.	
	<input type="checkbox"/>	(2) Revised document must be received before manufacturer may incorporate this change.	
	<input type="checkbox"/>	(3) Custodian of master document shall make above revision and furnish revised document to:	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT		c. TYPED NAME (First, Middle Initial, Last)	
QAP SMALL ROUNDS HWSIT-LL-145		H. J. ...	
d. TITLE	e. SIGNATURE	f. DATE SIGNED (YYMMDD)	
PRODUCER DIRECTOR	[Signature]	12/2/00	
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)	c. DATE SIGNED (YYMMDD)	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1

1. DATE (YYMMDD)
07

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 2 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington, DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.

2. PROCURING ACTIVITY NO.
LOSE 014

3. DODAAC

4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)		5. CLASS OF ECP	
a. TYPED NAME (First, Middle Initial, Last) SACODEFENSECORP		291 NORTH STREET SACO, ME 04072		I	
8. ECP DESIGNATION		6. JUST. CODE		7. PRIORITY	
a. MODEL/TYPE 40 MM. M.G.		b. CAGE CODE 26978		D R	
c. SYSTEM DESIGNATION MK19 MOD3		9. BASELINE AFFECTED		FUNCTIONAL <input checked="" type="checkbox"/> PRODUCT	
d. ECP NO. 0247-E-0002		e. TYPE F		f. REV	
10. OTHER SYS./CONFIG. ITEMS AFFECTED		11. SPECIFICATIONS AFFECTED		12. DRAWINGS AFFECTED	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		CAGE Code		Number	
a. SYSTEM		Specification/Document No		Rev	
b. DEVELOPMENT		NA		10001	
c. PRODUCT				C3269435	
13. TITLE OF CHANGE				C3269434	
Add alternate materials for the Primary and Secondary Pawl Rods				A	
14. CONTRACT NO. AND LINE ITEM		15. PROCURING CONTRACTING OFFICER			
DAAE20-97-C-0247		a. NAME (First, Middle Initial, Last) Kristan A. Mendonca			
		b. CODE AMSTA-LC-CSCA		c. TELEPHONE NO. 309 782-4634	
16. CONFIGURATION ITEM NOMENCLATURE		17. IN PRODUCTION			
40MM Machine Gun, MK19 MOD3		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
18. ALL LOWER LEVEL ITEMS AFFECTED					
a. NOMENCLATURE		b. PART NUMBER		c. NSN	
ROD, PAWL PRIMARY/ROD, PAWL SECONDARY		3269435 ROD 3269435/3269434			
19. DESCRIPTION OF CHANGE					
This ECP proposes to: add 4140 as an alternate material for the Secondary and Primary Pawl Rods. (See the attached NORs for the proposed drawing change.)					
20. NEED FOR CHANGE The supplier of these rods has advised that he has, from time to time, experienced difficulty in finding a source for the currently specified material. 4140 material is a much more popular alloy with the wholesalers and warehouses which makes it more readily available. The use of the 4140 material will not affect the fit or function of the part and will only be allowed with the alternate design which does not involve welding.					
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER			22. EFFECT ON PRODUCTION DELIVERY SCHEDULE		
N/A			N/A		
23. RETROFIT					
a. RECOMMENDED ITEM EFFECTIVITY			b. SHIP/VEHICLE CLASS AFFECTED		
None			N/A		
c. ESTIMATED KIT DELIVERY SCHEDULE			d. LOCATION OF SHIP/VEHICLE NUMBERS AFFECTED		
N/A			N/A		
24. ESTIMATED COST/SAVINGS UNDER CONTRACT			25. ESTIMATED NET TOTAL COSTS/SAVINGS		
N/A			N/A		
26. SUBMITTING ACTIVITY			b. TITLE		
a. AUTHORIZED SIGNATURE <i>[Signature]</i>			Configuration Manager		
27. APPROVAL/DISAPPROVAL					
a. CLASS I		b. CLASS II		c. CLASS III	
APPROVAL RECOMMENDED <input type="checkbox"/>		DISAPPROVAL RECOMMENDED <input type="checkbox"/>		CONCUR IN CLASSIFICATION OF CHANGE <input type="checkbox"/>	
APPROVED <input checked="" type="checkbox"/>		DISAPPROVED <input type="checkbox"/>		DO NOT CONCUR IN CLASSIFICATION OF CHANGE <input type="checkbox"/>	
d. GOVERNMENT ACTIVITY			e. SIGNATURE		f. DATE SIGNED (YYMMDD)
			<i>[Signature]</i>		
g. APPROVAL		h. GOVERNMENT ACTIVITY		i. SIGNATURE	
APPROVED <input checked="" type="checkbox"/>		SP4 SHARLETTA HARRIS		<i>[Signature]</i>	
DISAPPROVED <input type="checkbox"/>		AMSTA-LC-AS		j. DATE SIGNED (YYMMDD)	
				5/23/00	

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

Attachment 009

NOTICE OF REVISION (NOR)

This revision described below has been authorized for the document listed.

1. DATE (YYMMDD)
000307

Form Approved
OMB No 0704-0188

Public reporting burden for this collection of information is estimated to average 2 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.

2. PROCURING ACTIVITY NO.
LOS 3014
3. DOD ACC

4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) SACO DEFENSE CORP.	b. ADDRESS (Street, City, State, Zip Code) 291 NORTH STREET SACO, MAINE 04072	5. CAGE CODE 26978	6. NOR NO. 03-69484 3
		7. CAGE CODE 10001	8. DOCUMENT NO. 03-69484
9. TITLE OF DOCUMENT Rod, Secondary Pawl		10. REVISION LETTER a. CURRENT b. NEW	
		11. ECF NO. 0247-E-0002	

LOS 3014
-001
03269434

12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES
40MM Machine Gun, MK19 MOD 3

13. DESCRIPTION OF REVISION

1. Change note 9:

FROM:

"9. MATERIAL: STEEL 4130 OR 8630 PER ASTM A322 OR A331."

TO:

"9. MATERIAL: STEEL 4130 OR 8630 PER ASTM A322 OR A331. STEEL 4140 PER ASTM A322 OR A331 MAY BE USED ONLY IF MANUFACTURED USING THE ALTERNATE DESIGN."

ZONE A6 REMOVE RESTRICTED USE STATEMENT FROM DRAWING

14. THIS SECTION FOR GOVERNMENT USE ONLY

a. (X) ONE (1) Existing document supplemented by this NOR may be used in manufacture.
 (2) Revised document must be received before manufacturer may incorporate this change.
 (3) Custodian of master document shall make above revision and furnish revised document to:

b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OPM Small Arms INSTN-CC-AS	c. TYPED NAME (First, Middle Initial, Last) ANDREW H. CLINE
d. TITLE PRODUCT DIRECTOR	e. SIGNATURE <i>[Signature]</i>
f. DATE SIGNED (YYMMDD) 5/23/00	
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature) <i>[Signature]</i>
	c. DATE SIGNED (YYMMDD)

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

NOTICE OF REVISION (NOR)

This revision described below has been authorized for the document listed.

1. DATE (YY MM DD)
000307

Form Approved
OMB No 0704-0198

Public reporting burden for this collection of information is estimated to average 2 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.

2. PROCURING ACTIVITY NO.
LOS 3014

3. DOD ACC

4. ORIGINATOR
a. TYPED NAME (First, Middle Initial, Last)
SACO DEFENSE CORP.

b. ADDRESS (Street, City, State, Zip Code)
**291 NORTH STREET
SACO, MAINE 04072**

5. CAGE CODE
26978

7. CAGE CODE
10001

6. NOR NO. ~~03-69465~~ **PAWLS RST**
8. DOCUMENT NO. ~~03-69465~~

LOS 3014 -002
D3269435

9. TITLE OF DOCUMENT
Rod, Primary Pawl

10. REVISION LETTER
a. CURRENT b. NEW

11. ECP NO.
0247-E-0002

12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES
40MM Machine Gun, MK19 MOD 3

13. DESCRIPTION OF REVISION

1. Change note 9:

FROM:

"9. MATERIAL: STEEL 4130 OR 8630 PER ASTM A322 OR A331."

TO:

"9. MATERIAL: STEEL 4130 OR 8630 PER ASTM A322 OR A331. STEEL 4140 PER ASTM A322 OR A331 MAY BE USED ONLY IF MANUFACTURED USING THE ALTERNATE DESIGN."

ZONE B2 REMOVE RESTRICTED USE STATEMENT FROM DRAWING

14. THIS SECTION FOR GOVERNMENT USE ONLY

a. (x) ONE (1) Existing document supplemented by this NOR may be used in manufacture.
 (2) Revised document must be received before manufacturer may incorporate this change.
 (3) Custodian of master document shall ensure that all copies of the revised document to:

b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT USE
OPM SMALL ARMS AMSTH-LO-BS

c. TYPED NAME (First, Middle Initial, Last)
ANDREW H. CLINE

d. TITLE
PRODUCT DIRECTOR

e. SIGNATURE
[Signature]

f. DATE SIGNED (YYMMDD)
5/23/00

15.a. ACTIVITY ACCOMPLISHING REVISION

b. REVISION COMPLETED (Signature)

c. DATE SIGNED (YYMMDD)

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

17-Transitioned

ESW-S-1916

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 000608		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.						2. PROCURING ACTIVITY NO. LJS3022	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.						3. FODAAC	
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP		
a. TYPED NAME (First, Middle Initial, Last) John D. Kreider		AMSTA-AR-ESW-S, Rock Island, IL 61299			6. JUST. CODE C		7. PRIORITY R
8. ECP DESIGNATION				9. BASELINE AFFECTED			
a. MODEL / TYPE MK19 GMG	b. CAGE CODE 19200	c. SYSTEM DESIGNATION MK19 GMG		<input type="checkbox"/> FUNCTIONAL <input type="checkbox"/> ALLOCATED		<input checked="" type="checkbox"/> PRODUCT	
d. ECP NO.		e. TYPE F	f. REV	10. OTHER SYS / CONFIG AFFECTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
a. SYSTEM		CAGE Code	Specification/Document No.	Rev	SCN	CAGE Code	Number
b. DEVELOPMENT							3269545
c. PRODUCT							12993777
							Rev C 01
							- 02
13. TITLE OF CHANGE Gun Sight for MK19 GMG							
14. CONTRACT NO. AND LINE ITEM				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last)			
				b. CODE		c. TELEPHONE NO.	
16. CONFIGURATION ITEM NOMENCLATURE MK19 GMG						17. IN PRODUCTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE Sight, Gun MK19 40mm				b. PART NO. 3269545		c. NSN	
19. DESCRIPTION OF CHANGE This ECP releases a new intermediate Frame Assembly, P/N 12993777, for the MK19 GMG.							
20. NEED FOR CHANGE No intermediate frame assembly exists for the MK19 GMG, thereby making it difficult to order repair parts.							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER NA				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE NA			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY NA				b. SHIP / VEHICLE CLASS AFFECTED NA			
c. ESTIMATED KIT DELIVERY SCHEDULE NA				d. LOCATIONS ON SHIP / VEHICLE NUMBERS AFFECTED NA			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT NA				25. ESTIMATED NET TOTAL COSTS / SAVINGS NA			
26. SUBMITTING ACTIVITY				b. TITLE			
a. AUTHORIZED SIGNATURE <i>John D. Kreider</i>				General Engineer			
27. APPROVAL / DISAPPROVAL							
a. CLASS I		b. CLASS II		c. CLASS II		DO NOT CONCUR IN CLASSIFICATION OF CHANGE	
<input type="checkbox"/> APPROVAL RECOMMENDED	<input type="checkbox"/> DISAPPROVAL RECOMMENDED	<input type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED	<input type="checkbox"/> CONCUR IN CLASSIFICATION OF CHANGE	<input type="checkbox"/> DO NOT CONCUR IN CLASSIFICATION OF CHANGE		
d. GOVERNMENT ACTIVITY				e. SIGNATURE		f. DATE SIGNED (YYMMDD)	
g. APPROVAL				h. GOVERNMENT ACTIVITY		i. SIGNATURE	
<input checked="" type="checkbox"/> APPROVED	PM Small Arms Office AMSTA-DSA-SA			<i>Walter A. Gadomski</i>		j. DATE SIGNED (YYMMDD) 18-Sep-00	
<input type="checkbox"/> DISAPPROVED				Walter A. Gadomski, Deputy PM Small Arms			

AMSTA-AR-ESW-S-1916

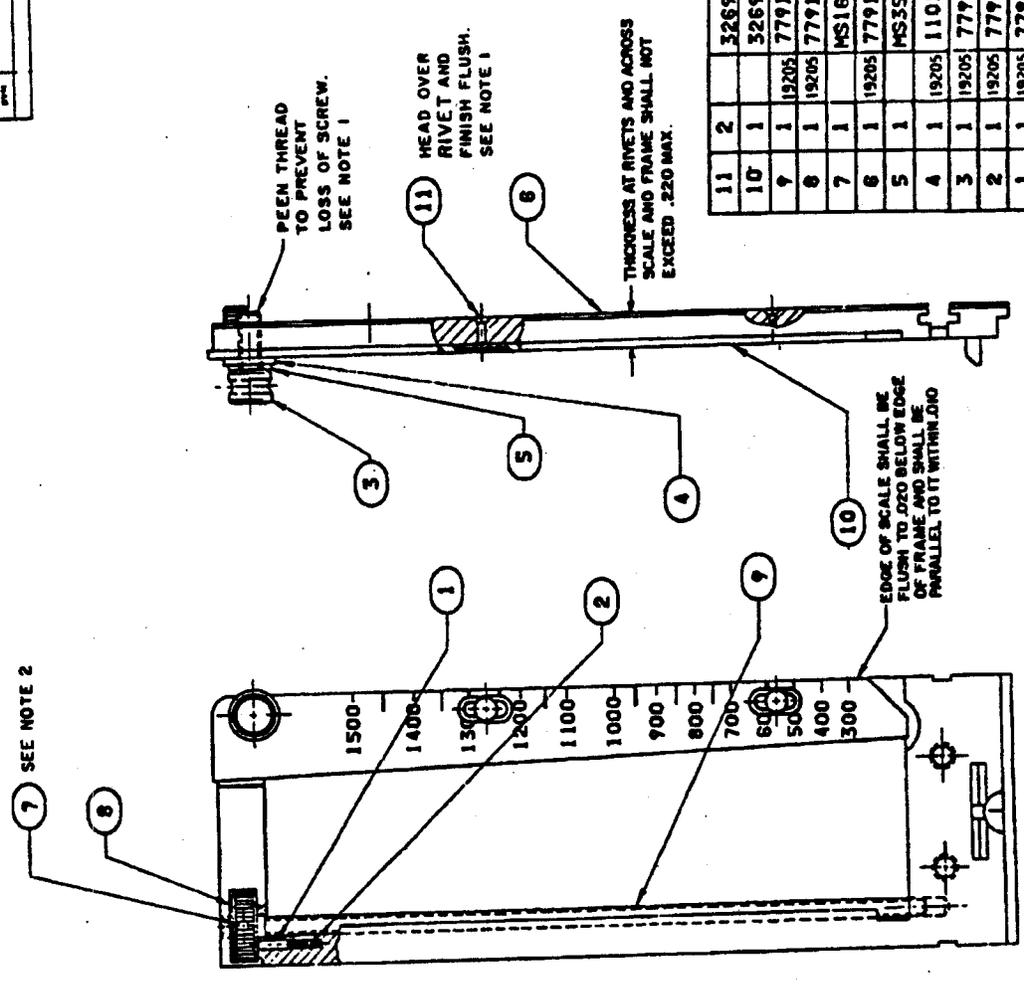
RECEIVED
12 AUG 11 10 11 AM '00

Attachment 010

BLOCK 12. Continued

CAGE Code	Number	Rev	NOR
10001	E3269545	C	001
19200	C12993777	-	002
19200	SQ12993777	-	003
19200	PS12993777	-	004
10001	E3269548	C	005
10001	C3269557	C	008
19205	D7791016	G	007
19205	B7791018	E	008
19205	A7791022	E	009
19205	B7791025	E	010
19205	B7791028	F	011
19205	B7791028	G	012
19205	A11010390	C	013
19200	SQ7791018	C	014
19200	SQ7791025	C	015
19200	SQ7791028	D	016
19200	SQ11010390	-	017
19200	SQ3269557	-	018

REV.	DATE	DESCRIPTION



- NOTES:
- SCALE SHALL SLIDE FREELY AFTER RIVETING AND PEENING OF SCREW
 - PIN SHALL BE FLUSH OR BELOW SIDE OF WHEEL.
 - AFTER RIVETS HAVE BEEN HEADED OVER AND FINISHED FLUSH WITH FRAME, BRIGHT AREAS SHALL BE TOUCHED UP IN ACCORDANCE WITH NOTE 4. TOUCH UP TO BE APPLIED IMMEDIATELY PRIOR TO PRESERVATION AND PACKAGING.
 - ML-W-13855 APPLIES.

NOR CONTINUATION SHEET 2 OF 2
 ECP LOS 3022 NOR 062
 PROPOSED NEW DRAWING
William J. Russell 011-07-07

QTY	UNIT	PART NO.	DESCRIPTION OR NOMENCLATURE	SCALE
11	2	3269557	RIVET, SCALE	
10	1	3269548	SCALE	
9	1	19205 7791025	SCREW, ELEVATING	
8	1	19205 7791029	WHEEL, ELEVATING	
7	1	MS16562-98	PIN, SPRING-SLOTTED	
6	1	19205 7791016	FRAME, SIGHT	
5	1	MS35336-60	WASHER, LOCK, HELICAL	
4	1	19205 11010390	WASHER, FLAT, ROUND	
3	1	19205 7791018	SCREW, LOCK, SCALE	
2	1	19205 7791028	SPRING, HELICAL	
1	1	19205 7791022	PLUNGER, INDEXING	

US ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER POKATAMUNTI ARSENAL, MS

SCALE 2/1

12900 12993777

FRAME ASSEMBLY

DESIGNER: DATE

CHECKED BY: DATE

APPROVED BY: DATE

APPLY FIRST 88

1 2 3 4

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD) 000608	Form Approved OMB No. 0704-0188
THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED			
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-43-2, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.			2. PROCURING ACTIVITY NO. L 05 3022
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.			3. JODAAC
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	5. CAGE CODE 19200	6. NOR NO. 001
a. TYPED NAME (First, Middle Initial, Last) John D. Kreider	AMSTA-AR-ESW-S, Rock Island, IL 61299	7. CAGE CODE 19200	8. DOCUMENT NO. 3269545
9. TITLE OF DOCUMENT Sight, Gun, MK19 40mm	10. REVISION LETTER		11. ECP NO. L 05 3022
	a. CURRENT C	b. NEW D	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19 GMG	NOR SHT 1 OF 1		ECP SHT 3 OF 58
13. DESCRIPTION OF REVISION			
Eliminate the following from the assembly list and the corresponding balloon numbers:			
9	7791018	Screw, Lock, Scale	
10	MS35338-60	Washer, Lock, Helical	
11	11010390	Washer, Flat, Round	
13	7791016	Frame, Sight	
14	MS16562-98	Pin, Spring Slotted	
15	7791029	Wheel, Elevating	
16	7791025	Screw, Elevating	
25	3269548	Scale	
27	3269557	Rivet, Scale	
Add to the assembly list the following:			
33	1	19200 12993777	Frame Assembly
Change the quantities in the assembly for the following:			
Item 6: change from a quantity of 2 to 1.			
Item 7: change from a quantity of 2 to 1.			
Change balloon number 13 to 33			
Delete Note 2 text			
Zone AB: Delete Restricted Use Clause			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X one)	<input checked="" type="checkbox"/>	(1.) Existing document supplemented by this NOR may be used in manufacture.	
	<input type="checkbox"/>	(2.) Revised document must be received before manufacture may incorporate this change.	
	<input type="checkbox"/>	(3.) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT	c. TYPED NAME (First, Middle Initial, Last) Andrew H. Cline		
d. TITLE PM Small Arms PRODUCT DIRECTOR	e. SIGNATURE 		f. DATE SIGNED 18 Sep 88
15a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)		c. DATE SIGNED

NOTICE OF REVISION (NOR)

THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED

DATE
(YYMMDD)
000608

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate of Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-43-2, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES: RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCUREMENT ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.

2. PROCUREMENT
ACTIVITY NO.
LOS 3022

3. DDAAC

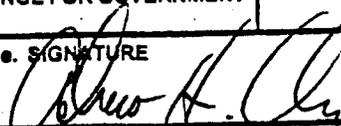
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	5. CAGE CODE 19200	6. NOR NO. 002
a. TYPED NAME (First, Middle Initial, Last) John D. Kreider	AMSTA-AR-ESW-S, Rock Island, IL 61299	7. CAGE CODE 19200	8. DOCUMENT NO. 2993777
9. TITLE OF DOCUMENT Frame Assembly	10. REVISION LETTER		11. ECP NO. LOS 3022
	a. CURRENT -	b. NEW -	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19 GMG		NOR SHT 1 OF 2	ECP SHT 4 OF 58

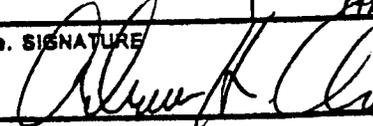
13. DESCRIPTION OF REVISION

~~Release the now attached Frame Assembly drawing.~~

**SEE NOR CONTINUATION SHEET 2 OF 2 DATED 00-07-87
FOR PROPOSED NEW DRAWING.**

14. THIS SECTION FOR GOVERNMENT USE ONLY

a. (X one)	<input checked="" type="checkbox"/>	(1.) Existing document supplemented by this NOR may be used in manufacture.
	<input type="checkbox"/>	(2.) Revised document must be received before manufacture may incorporate this change.
	<input type="checkbox"/>	(3.) Custodian of master document shall make above revision and furnish revised document.
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OPM Small Arms		c. TYPED NAME (First, Middle Initial, Last) Andrew H. Clark
d. TITLE Depot, PM Small Arms Prod. Director	e. SIGNATURE 	f. DATE SIGNED 18 Sep 00
15a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)	c. DATE SIGNED

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD)	Form Approved OMB No. 0704-0188
THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED		000608	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-43-2, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.			2. PROCURING ACTIVITY NO. L053022
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 3 OF THIS FORM.			3. DODAAC
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	8. CAGE CODE 19200	6. NOR NO. 003
a. TYPED NAME (First, Middle Initial, Last) John D. Kreider	AMSTA-AR-ESW-S, Rock Island, IL 61299	7. CAGE CODE 19200	8. DOCUMENT NO. SQ12993777
9. TITLE OF DOCUMENT Frame Assembly, QAP	10. REVISION LETTER		11. ECP NO.
	a. CURRENT -	b. NEW -	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19 GMG	NOR SHT	ECP SHT	
	1 OF 7	6 OF 58	
13. DESCRIPTION OF REVISION			
Release the new attached Frame Assembly QAP.			
SEE NOR CONTINUATION SHEETS 2 THRU 7 OF 7 DATED 00-07-07 FOR PROPOSED NEW QAP			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X one)	<input checked="" type="checkbox"/>	(1.) Existing document supplemented by this NOR may be used in manufacture.	
	<input type="checkbox"/>	(2.) Revised document must be received before manufacture may incorporate this change.	
	<input type="checkbox"/>	(3.) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT	c. TYPED NAME (First, Middle Initial, Last) ANDREW H. CLING		
d. TITLE OPM SMALL ARMS	e. SIGNATURE 		f. DATE SIGNED 18 Sep 08
15a. ACTIVITY ACCOMPLISHING REVISION Prod. Director	b. REVISION COMPLETED (Signature)		c. DATE SIGNED

QUALITY ASSURANCE PROVISIONS (QAP)

1. COMMAND AGENCY:

U.S. ARMY ARMAMENT, RESEARCH, DEVELOPMENT AND ENGINEERING CENTER PICATINNY ARSENAL, N.J. 07816-5000

2. THESE QAPS FORM A PART OF DRAWING/SPECIFICATION 12993777 SPECIFIED IN THE CONTRACT.
INSPECTION SHALL BE CONDUCTED AS SPECIFIED HEREIN AND IN ACCORDANCE WITH REFERENCED DOCUMENTS.

3. **PART I. LIST OF APPLICABLE DOCUMENTS**

DRAWINGS

12993777 FRAME ASSEMBLY

STANDARDS

MIL-STD-1916 DOD Preferred Methods for Acceptance of Product

SPECIFICATIONS

MIL-W-63150 Weapons and Support Materiel, Standard Quality Assurance Provisions for

NON-GOVERNMENT PUBLICATIONS

(Application for copies of ASTM documents should be addressed to American Society for Testing and Materials, 100 Bar Harbor Drive, West Conshohocken PA 19428-2959)

NOR CONTINUATION SHEET 2 OF 7
ECP LOS3022 - NOR 003
PROPOSED NEW QAP
Kevin J. Howell DC-07-07

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

REVISIONS

4. RELEASE NUMBER																				
5. DATE																				
4. RELEASE NUMBER																				
5. DATE																				
REVISION STATUS OF SHEETS	6. REVISION	-	-	-	-	-	-													
	7. SHEET	1	2	3	4	5	6													
	6. REVISION																			
	7. SHEET																			
8. QAP FOR:	FRAME ASSEMBLY										FSCM:					CAGE CODE 19200				
9. SUBMITTED BY:											10. QAP NO.:					12: 93777				
11. DATE: 000607	12. APPROVED:					13. RELEASE NO. ---					14. PAGE NO. 1					15. NO. OF PAGES 6				

QUALITY ASSURANCE PROVISIONS (QAP) - CONTINUATION SHEET

3.

PART II. CONFORMANCE PROVISIONS

1.0 General provisions.

1.1 Classification of characteristics. There are three classes of characteristics covered in this QAP. These are critical, major, and minor characteristics, as defined in MIL-STD-1916.

1.2 Workmanship. The workmanship provisions of MIL-W-63150 are applicable to this QAP.

1.3 Certification provisions.

1.3.1 Certified Test Reports (CTR). If CTR is specified in Part IV, the contractor shall make available to the Government a CTR for each lot of parts, assemblies, subsystems and systems by lot number prior to acceptance. This test report is in addition to, and not in lieu of, any rights of the Government under this contract or law. A CTR may be used as an element incident to, but shall not be used as the sole basis for, Government acceptance of the contract item(s) unless so indicated in the technical documentation or contract. As a minimum, the report shall contain the following:

- a. Name of company and date.
- b. Contract number or purchase order number, national stock number and drawing number.
- c. Complete nomenclature of supplies together with lot number or other identification. The quantity in each lot or shipment shall be given.
- d. All inspections and tests required by contract (i.e., material, processes, performance, functional, etc.) shall be recorded in test reports. These reports shall identify each lot submitted for acceptance by lot number, the specification or drawing, revision and date, grade or type as applicable, number of specimens tested, specified characteristics and requirements, and actual results obtained.
- e. Reports of the raw material producer's chemical, mechanical, and physical analysis.
- f. A statement, as follows, certifying that material meets all requirements of the contract:

"The undersigned, individually, and as the authorized representative of the contractor, warrants and represents that: All the information supplied above is true and accurate; the material covered by this certificate conforms to all contract requirements (including but not limited to the drawings and specifications); the inspection and test results, and the analysis appearing herein are true and accurate; and this certificate is made for the purpose of inducing payment and with knowledge that the information and certification may be used as a basis for payment."

g. Signature and title of certifying official.

1.3.2 Certificate of conformance (COC). When COC is specified in Part IV, A certificate of conformance is required for Military Standard and commercial items, supported by inspection and test data, material analysis, or certification from the raw material producer or processor, and shall be made available to the Government for specifications covering raw material, processed material, and processes. The contractor shall make the COC available to the Government prior to or with the request to perform acceptance inspection approval by the Government. This is in addition to, and not in lieu of, any rights of the Government under this contract or law. A COC may be used as an element incident to, but shall not be used as the sole basis for, Government acceptance of contract item(s) unless so indicated in the technical documentation or contract. As a minimum, the COC shall contain the following:

a. Name of company and date.

NOR CONTINUATION SHEET 3 OF 7
 ECP LOS3022 - NOR 003
 PROPOSED NEW QAP
[Signature] 00-07-07

						FSCM:	CAGE CODE 19200
16. REVISION							10. QAP NO.: 12993777
SYMBOL							14. PAGE NO. 2
AND DATE							

QUALITY ASSURANCE PROVISIONS (QAP) - CC CONTINUATION SHEET

3.

- b. Contract number or purchase order number, national stock number and drawing number.
- c. Complete nomenclature of supplies together with lot number or other identification. The quantity in each lot or shipment shall be given.
- d. A statement, as follows, certifying that material meets all requirements of the contract:

2. First article.

2.1 Submission. Unless otherwise specified in the contract, a first article sample consisting of five QAP items shall be submitted for inspection and approval in accordance with the terms of this contract. The sample items will be subjected to any or all of the examinations and tests specified in this QAP and may be inspected for compliance with any or all of the requirements of the applicable drawing(s) and specification(s). The certification requirements of Part IV apply.

2.2 Rejection. If any sample item fails to comply with any of the applicable requirements, the first article sample shall be rejected. The Government reserves the right to terminate inspection upon any failure to comply with any of the requirements.

3. Verification. Verification inspection shall consist of inspection of all conformance characteristics contained in Part III "Inspection Requirements" and Part IV "Certification Requirements" of this QAP. Failure to comply with the conformance criteria shall be cause for rejection of the lot or quantity represented by the sample. All other quality characteristics not specifically listed herein are subject to control under the contractor's quality program or inspection system

3.1 Lot formation. Inspection lots shall comply with the lot requirements of MIL-STD-1916, paragraph 4.2.

3.2 Attributes sampling inspection. The provisions/procedures of MIL-STD-1916 are applicable to this QAP. Unless otherwise specified, attributes sampling for the conformance characteristics listed in Part III herein shall be IAW MIL-STD-1916, Table II, using the verification level cited in the conformance criteria columns of Part III. The procedure in MIL-STD-1916 for normal inspection shall be used at the start of production for current or previous suppliers of the item. For all new suppliers of the item, tightened inspection shall be used at the start of production and be continued until the criteria for normal inspection are met.

3.3 Alternative verification provisions. Unless otherwise specified, alternative verification provisions such as statistical process control (SPC) (preferred), variables sampling plans, or continuous sampling plans may be used by the contractor in lieu of the inspection provisions contained herein when such alternative(s) provide an equivalent or better level of quality, and provided they have been described in a written proposal which has been approved by the Government.

3.4 Inspection Equipment. Unless otherwise specified herein or in the contract, all inspection equipment required to perform the examinations and tests in this QAP shall be designed, documented and maintained by the contractor, including any fixtures necessary to accommodate the test procedures. Inspection equipment shall incorporate the appropriate measurement capability, precision and accuracy to assure rejection of all non-conforming product.

3.5 Components and Assemblies. All components shall conform to the drawings for those components prior to installation into an assembly.

NOR CONTINUATION SHEET 4 OF 7
 ECP LOS 3022 NOR 003
 PROPOSED NEW QAP
[Signature] 00-07-07

						FSCM:	CAGE CODE
							19200
16. REVISION							10. QAP NO.:
SYMBOL							12993777
AND DATE							14. PAGE NO.
							3

QUALITY ASSURANCE PROVISIONS (QAP) -CONTINUATION SHEET

3. PART III. INSPECTION REQUIREMENTS.

1. Classification of Conformance Characteristics

Frame Assembly- 12993777

<u>CLASS</u>	<u>CHARACTERISTIC</u>	<u>ZONE</u>	<u>CONFORMANCE CRITERIA</u>	<u>INSPECTION METHOD</u>
CRITICAL	None			
MAJOR				
101	Improper function of Scale and Locking Screw (Scale shall be Capable of free movement with screw unloosened. Tightening of screw shall cause positive retention of scale to frame. Scale shall be capable of being located flush or below edge of frame.)		Level III	Visual-Manual
102	Improper Function of Elevating Wheel (Elevating Wheel shall rotate freely between indexing position and shall be restrained in the indexing positions by the spring actuated indexing plunger.)	C-3	Level III	Visual-Manual
103	.220 Thickness of Rivets and Across scale and Frame	B-2	Level III	SMTE
104	.010 Parallelism Requirement (Scale with Edge of Frame)	B-3	Level III	SMTE
105	Edge of scale above edge of frame	B-3	Level III	SMTE
106	Parts missing or improperly assembled		Level III	Visual
MINOR				
201	Missing or defective protective finish (All)		Level II	Visual
202	Workmanship (See MIL-W-63150)		Level II	Visual

NOR CONTINUATION SHEET 5 OF 7
 ECP.L053022 NOR 003
 PROPOSED NEW QAP
James J. Powell
 00-07-07

						FSCM:	CAGE CODE 19200
16. REVISION							10. QAP NO.: 12993777
SYMBOL							14. PAGE NO. 4
AND DATE							

QUALITY ASSURANCE PROVISIONS (QAP) -CONTINUATION SHEET

3.

2. Special sampling inspection.

N/A

PART IV. CERTIFICATION REQUIREMENTS

N/A

NOR CONTINUATION SHEET 6 OF 7
 ECP LOS 3022 NOR 003
 PROPOSED NEW QAP
Kevin Russell 00-67-07

					FSCM:	CAGE CODE 19200
16. REVISION						10. QAP NO.: 12993777
SYMBOL						14. PAGE NO. 5
AND DATE						

QUALITY ASSURANCE PROVISIONS (QAP) -CONTINUATION SHEET

3.

PART V. TEST METHODS AND PROCEDURES

N/A

PART VI. NOTES

N/A

NOR CONTINUATION SHEET 7 OF 7
 ECP LOS3022 NOR 003
 PROPOSED NEW QAP
Bernie J. Howell 00-07-07

					FSCM:	CAGE CODE 19200
16. REVISION						10. QAP NO.: 12993777
SYMBOL						14. PAGE NO. 6
AND DATE						

NOTICE OF REVISION (NOR)

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(YYMMDD)
000608

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2. PROCURING
ACTIVITY NO.
L 05 3022

3. DODAAC

4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	6. CAGE CODE 19200	8. FOR NO. 00A
a. TYPED NAME (First, Middle Initial, Last) John D. Kreider	AMSTA-AR-ESW-S, Rock Island, IL 61299	7. CAGE CODE 19200	8. DOCUMENT NO. PS12993777
9. TITLE OF DOCUMENT Frame Assembly, Packaging Data Sheet		10. REVISION LETTER	
		a. CURRENT -	b. NEW -
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19 GMG		NOR SHT 1 OF 2	ECP SHT 13 OF 58

11. ECP NO.
L053022

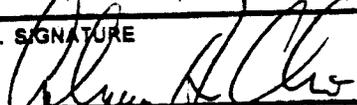
13. DESCRIPTION OF REVISION

~~Release the new attached Frame Assembly packaging data sheet.~~
**SEE NOR CONTINUATION SHEET 2 OF 2 DATE 00-07-07
FOR PROPOSED NEW PACKAGING DATA SHEET**

14. THIS SECTION FOR GOVERNMENT USE ONLY

a. (X one) (1.) Existing document supplemented by this NOR may be used in manufacture.
 (2.) Revised document must be received before manufacture may incorporate this change.
 (3.) Custodian of master document shall make above revision and furnish revised document.

b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT **ARM Small Arms** c. TYPED NAME (First, Middle Initial, Last) **Andrew H. Clark**

d. TITLE PM Small Arms Prod. Director	e. SIGNATURE 	f. DATE SIGNED 18 Sep 00
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15a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)	g. DATE SIGNED
--------------------------------------	-----------------------------------	----------------

SPECIAL PACKAGING INSTRUCTION

Form Approved
OMB No. 0704-0118

1. PART OR DRAWING NO. NOMENCLATURE 12993777 FRAME ASSEMBLY			2. CODE IDENT 19200		3. SPI NO. (AM) P 129937 7	
4. NATIONAL STOCK NO.			5. DATE OF SPI (YYMMDD)		5. REVISION	
7. QUP/UNIT OF ISSUE 1/EA	8. ICQ	9. UNIT PACK WT (lb) (0.0) 0.25	10. UNIT PACK CU (CU.FT) 0.011		11. UNIT PACK SIZE (INCHES) 8.52 X 3.0 X 0.75	
			18. STEPS	19. REQD	20. DESCRIPTION	
12. MILITARY PRESERVATION MIL-STD-2073-1 METHOD 41			1		PRESERVATIVE, VV-L-800	
13. CLEANING MIL-STD-2073-1			2		WRAP, MIL-P-3420, TYPE I, STYLE C, GRADE 1	
14. DRYING MIL-STD-2073-1			3		BAG, HEAT SEALED, MIL-B-117 TYPE I, STYLE 1,	
15. PACKING					CLASS E	
a. LEVEL A MIL-STD-2073-1 TABLE C. II						
b. LEVEL B MIL-STD-2073-1 TABLE C. II						
16. MARKING MIL-STD-129						

17. NOTES/DRAWING SPECIFICATIONS, STANDARDS AND DRAWINGS LISTED HEREON OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID FORM A PART OF THIS PACKAGING INSTRUCTION. THE APPLICABLE GENERAL AND REFERENCED REQUIREMENTS OF SPECIFICATION MIL-STD 2073-1 FORM PART OF THESE INSTRUCTIONS. UNLESS OTHERWISE SPECIFIED, MATERIALS WILL BE MINIMUM SIZE IN ACCORDANCE WITH MIL-STD-2073-1.

TOLERANCES SHALL BE IN ACCORDANCE WITH MATERIAL SPECIFICATIONS. QUALITY PERFORMANCE AND TESTING REQUIREMENTS SHALL BE IN CONFORMANCE WITH MIL-STD-2073-1, OR AS OTHERWISE SPECIFIED.

WEIGHTS AND SIZES ARE ESTIMATED AND MAY VARY SLIGHTLY.

NOR CONTINUATION SHEET 2 OF 2

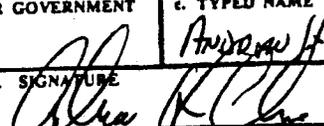
ECP LOS 3022 NOR 004

PROPOSED NEW SPI

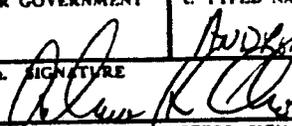
00-07-07

[Signature]

WSC: 63 ITEM SIZE: 5.5 X 1.8 X 0.7 ITEM WEIGHT: 0.21 APPROVED:

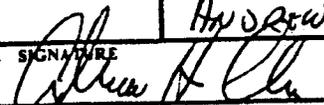
NOTICE OF REVISION (NOR)		1. D.O.C. (YYMMDD)	Form Approved
This revision described below has been authorized for the document listed.		000629	O (B) NO. 0704-0188
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington DC 20503.			2. PROCURING ACTIVITY NO.
PLEASE DO NOT RETURN YOUR COMPLETED TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.			LOS3022
4. ORIGINATOR		5. CAGE CODE	6. NOR I.D.
a. TYPED NAME (First, Middle Initial, Last)	b. ADDRESS (Street, City, State, Zip Code)	19200	005
RICHARD E. SMITH	PICATINNY ARSENAL, NJ 07806	7. CAGE CODE	8. DOCUMENT NO.
		19200	E3269548
9. TITLE OF DOCUMENT	10. REVISION LETTER		11. ECP NO.
SCALE	a. CURRENT	b. NEW	LOS3022
	C		
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES	NOR SHT		ECP SHT
MK19	1 OF 1		15 OF 58
13. DESCRIPTION OF CHANGE:			
APPLICATION BLOCK: DELETE 3269545. ADD C12993777			
ZONE A4: DELETE RESTRICTED USE CLAUSE.			
11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one	X	(1) Existing document supplemented by his NOR may be used in manufacturing	
		(2) Revised document must be received before manufacturer may incorporate this change.	
		(3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT		c. TYPED NAME (First, Middle Initial, Last)	
OFFICE OF PM SMALL ARMS		Andrew H. Cling	
d. TITLE	e. SIGNATURE	f. DATE SIGNED (YYMMDD)	
DEFENSE PM SMALL ARMS		18 SEP 08	
PROJ DIRECTOR		g. DATE SIGNED (YYMMDD)	
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (SIGNATURE)		

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD)	Form Approved
This revision described below has been authorized for the document listed.		000629	O.I.B. NO. 0704-0188
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to Washington Headquarters Service, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington DC 20543. PLEASE DO NOT RETURN YOUR COMPLETED TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.		2. PROCURING ACTIVITY NO. LOS3022	
		3. DODAC	
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	8. CAGE CODE	6. NOR NO.
a. TYPED NAME (First, Middle Initial, Last) RICHARD E. SMITH	PICATINNY ARSENAL, NJ 07806	19200	006
		7. CAGE CODE	8. DOCUMENT NO.
		19200	C3269557
9. TITLE OF DOCUMENT RIVET, SCALE	10. REVISION LETTER		11. ECP NO.
	a. CURRENT C	b. NEW	LOS3022
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19	NOR SHT 1 OF 1	16	ECP SHT OF 58
13. DESCRIPTION OF CHANGE: APPLICATION BLOCK: DELETE 3269545. ADD C12993777 ZONE A4: DELETE RESTRICTED USE CLAUSE.			
11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one	X	(1) Existing document supplemented by his NOR may be used in manufacturing (2) Revised document must be received before manufacturer may incorporate this change. (3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OFFICE OF PM SMALL ARMS	c. TYPED NAME (First, Middle Initial, Last) Howard H. Cling		
d. TITLE PM SMALL ARMS PROD. DIRECTOR	e. SIGNATURE Howard H. Cling	f. DATE SIGNED (YYMMDD) 10-50700	
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETERS (SIGNATURE)	c. DATE SIGNED (YYMMDD)	

NOTICE OF REVISION (NOR) This revision described below has been authorized for the document listed.		1. DATE (YYMMDD) 000629	Form A, revised OMB NO. 0704-0188
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.		2. PROCURING ACTIVITY NO. LOS3022	
		3. DOI ACC	
4. ORIGINATOR		5. CAGE CODE 19200	6. NOF NO. 007
a. TYPED NAME (First, Middle Initial, Last) RICHARD E. SMITH	b. ADDRESS (Street, City, State, Zip Code) PICATINNY ARSENAL, NJ 07806	7. CAGE CODE 19205	8. DOCUMENT NO. D7791016
9. TITLE OF DOCUMENT FRAME, SIGHT	10. REVISION LETTER		11. ECP NO. LOS3022
	a. CURRENT G	b. NEW	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19		NOR SHT 1 OF 1	17 ECP SHT OF 58
13. DESCRIPTION OF CHANGE: APPLICATION BLOCK: DELETE 3269545. ADD C12993777			
11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one	X	(1) Existing document supplemented by his NOR may be used in manufacturing (2) Revised document must be received before manufacturer may incorporate this change. (3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OFFICE OF PM SMALL ARMS		c. TYPED NAME (First, Middle Initial, Last) BUDGET H. CURRY	
4. TITLE DISPATCH PM SMALL ARMS PDR DIRECTOR		e. SIGNATURE 	f. DATE SIGNED (YYMMDD) 18 SEP 00
15. a. ACTIVITY ACCOMPLISHING REVISION		b. REVISION COMPLETED (SIGNATURE)	c. DATE SIGNED (YYMMDD)

NOTICE OF REVISION (NOR)		1. E (Y) (DD)	Form Approved
This revision described below has been authorized for the document listed.		000629	O & B NO. 0704-0188
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington DC 20503.			2. PROCURING ACTIVITY NO. LOS3022
PLEASE DO NOT RETURN YOUR COMPLETED TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.			3. DODACC
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	5. CAGE CODE	6. NOR NO.
a. TYPED NAME (First, Middle Initial, Last)	PICATINNY ARSENAL, NJ 07806	19200	008
RICHARD E. SMITH		7. CAGE CODE	8. DOCUMENT NO.
9. TITLE OF DOCUMENT		19205	B7791018
SCREW, LOCK, SCALE		10. REVISION LETTER	11. ECP NO.
		a. CURRENT	LOS3022
		b. NEW	
		E	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES		NOR SHT	ECP SHT
MK19		1 OF 1	18 OF 58
13. DESCRIPTION OF CHANGE:			
APPLICATION BLOCK: DELETE E3269545. ADD C12993777			
11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one	<input checked="" type="checkbox"/>	(1) Existing document supplemented by his NOR may be used in manufacturing	
	<input type="checkbox"/>	(2) Revised document must be received before manufacturer may incorporate this change.	
	<input type="checkbox"/>	(3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT		c. TYPED NAME (First, Middle Initial, Last)	
OFFICE OF PM SMALL ARMS		Joseph H. Cline	
d. TITLE	e. SIGNATURE	f. DATE SIGNED (YYMMDD)	
DEPT. PM SMALL ARMS Prod. Dir. code		15 Sep 00	
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (SIGNATURE)	c. DATE SIGNED (YYMMDD)	

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PLEASE DO NOT RETURN YOUR COMPLETED TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.			3. DOD/CC CC
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	8. CAGE CODE 19200	6. NOR NO. 009
a. TYPED NAME (First, Middle Initial, Last) RICHARD E. SMITH	PICATINNY ARSENAL, NJ 07806	7. CAGE CODE 19205	8. DOCUMENT NO. A7791022
9. TITLE OF DOCUMENT PLUNGER, INDEXING	10. REVISION LETTER a. CURRENT E		11. ECP NO. LOS3022
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19		NOR SHT 1 OF 1	ECP SHT 19 OF 58
13. DESCRIPTION OF CHANGE: APPLICATION BLOCK: ADD C12993777			

11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one	<input checked="" type="checkbox"/>	(1) Existing document supplemented by his NOR may be used in manufacturing	
	<input type="checkbox"/>	(2) Revised document must be received before manufacturer may incorporate this change.	
	<input type="checkbox"/>	(3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OFFICE OF PM SMALL ARMS	c. TYPED NAME (First, Middle Initial, Last) Andrew H. Cline		
d. TITLE Deputy PM Small Arms Prod. Director	e. SIGNATURE 	f. DATE SIGNED (YYMMDD) 1558P00	
15 a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (SIGNATURE)	c. DATE SIGNED (YYMMDD)	

NOTICE OF REVISION (NOR) This revision described below has been authorized for the document listed.		1. DATE (YYMMDD) 000629	Form Approved OMB NO. 0704-0188
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		3. DODAC	
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code) PICATINNY ARSENAL, NJ 07806	5. CAGE CODE 19200	6. NOR NO. 010
a. TYPED NAME (First, Middle Initial, Last) RICHARD E. SMITH		7. CAGE CODE 19205	8. DOCUMENT NO. 37791025
9. TITLE OF DOCUMENT SCREW, ELEVATING	10. REVISION LETTER		11. ECP NO. LOS3022
	a. CURRENT E	b. NEW	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19		NOR SHT 1 OF 1	ECP SHT 20 OF 58
13. DESCRIPTION OF CHANGE: APPLICATION BLOCK: DELETE E3269545. ADD C12993777			
11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one	X	(1) Existing document supplemented by his NOR may be used in manufacturing (2) Revised document must be received before manufacturer may incorporate this change. (3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OFFICE OF PM SMALL ARMS		c. TYPED NAME (First, Middle Initial, Last) ANDREW H. CURRAN	
d. TITLE DIRECTOR PM SMALL ARMS PROD DIRECTOR	e. SIGNATURE <i>Andrew H. Curran</i>		f. DATE SIGNED (YYMMDD) 18 Sep 00
15 a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED(SIGNATURE)		c. DATE SIGNED (YYMMDD)

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD)	Form Approved
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PLEASE DO NOT RETURN YOUR COMPLETED TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.			3. DOD/CC
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	5. CAGE CODE	6. NOR NO.
a. TYPED NAME (First, Middle Initial, Last) RICHARD E. SMITH	PICATINNY ARSENAL, NJ 07806	19200	011
		7. CAGE CODE	8. DOCUMENT NO.
		19205	B7791028
9. TITLE OF DOCUMENT SPRING, HELICAL	10. REVISION LETTER		11. ECP NO.
	a. CURRENT F	b. NEW	LOS3022
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19	NOR SHT OF 1	21	ECP SHT OF 58
13. DESCRIPTION OF CHANGE: APPLICATION BLOCK: ADD C12993777			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one	X	(1) Existing document supplemented by his NOR may be used in manufacturing (2) Revised document must be received before manufacturer may incorporate this change. (3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OFFICE OF PM SMALL ARMS	c. TYPED NAME (First, Middle Initial, Last) Andrew H. Cunniff		
d. TITLE DIRECTOR PM SMALL ARMS PROD DIRECTOR	e. SIGNATURE <i>Andrew H. Cunniff</i>	f. DATE SIGNED (YYMMDD)	18 SEP 00
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (SIGNATURE)	c. DATE SIGNED (YYMMDD)	

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		3. DODAC	
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) RICHARD E. SMITH		b. ADDRESS (Street, City, State, Zip Code) PICATINNY ARSENAL, NJ 07806	5. CAGE CODE 19200
		6. NOR NO. 012	7. CAGE CODE 19205
9. TITLE OF DOCUMENT WHEEL, ELEVATING		8. DOCUMENT NO. B7791029	
		10. REVISION LETTER a. CURRENT G	
		b. NEW	
11. ECP NO. LOS3022		12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19	
		NOR SHT 1 OF 1	
		ECP SHT 22 OF 58	
13. DESCRIPTION OF CHANGE: APPLICATION BLOCK: DELETE E3269545. ADD C12993777			
11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one <input checked="" type="checkbox"/> (1) Existing document supplemented by his NOR may be used in manufacturing			
<input type="checkbox"/> (2) Revised document must be received before manufacturer may incorporate this change.			
<input type="checkbox"/> (3) Custodian of master document shall make above revision and furnish revised document.			
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OFFICE OF PM SMALL ARMS		c. TYPED NAME (First, Middle Initial, Last) ANDREW H. CCMW	
d. TITLE PM SMALL ARMS PROD Director		e. SIGNATURE <i>Andrew H. CCMW</i>	
15. a. ACTIVITY ACCOMPLISHING REVISION		f. DATE SIGNED (YYMMDD) 15 Sep 00	
		g. DATE SIGNED (YYMMDD)	

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		4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) RICHARD E. SMITH	b. ADDRESS (Street, City, State, Zip Code) PICATINNY ARSENAL, NJ 07806
9. TITLE OF DOCUMENT WASHER, FLAT, ROUND		7. CAGE CODE 19205	8. DOCUMENT NO. A11010390
10. REVISION LETTER a. CURRENT C		b. NEW	11. ECP NO. LOS3022
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES MK19		NOR SHT 1 OF 1	23 ECP SHT OF 58
13. DESCRIPTION OF CHANGE: APPLICATION BLOCK: DELETE E3269545. ADD C12993777			
11. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X) one		(1) Existing document supplemented by his NOR may be used in manufacturing (2) Revised document must be received before manufacturer may incorporate this change. (3) Custodian of master document shall make above revision and furnish revised document.	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT OFFICE OF PM SMALL ARMS		c. TYPED NAME (First, Middle Initial, Last) ROBERT H. CLINE	
d. TITLE PM SMALL ARMS PRO DIRECTOR		e. SIGNATURE <i>Robert H. Cline</i>	f. DATE SIGNED (YYMMDD) 18 50/00
15. a. ACTIVITY ACCOMPLISHING REVISION		b. REVISION COMPLETED (SIGNATURE)	c. DATE SIGNED (YYMMDD)