

## DOCUMENT SUMMARY LIST

Item: RECOIL MECHANISM  
 NSN: 1005-01-454-8489  
 Control Number/PRON: P10SNDX1

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3<sup>rd</sup> 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 DIP4-1	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	30 Aug 1994
ISO 10012-1 (ES7010)	OR Quality Assurance Requirements for Measuring Equipment, Part 1: Metrological Confirmation System	1992

3b. DI-QCIC-81006 (DD Form 1423)	Special Inspection Equipment Description Documentation	11 Sep 89 Cat 2
4a. DOD-P-16232F INT Amd1 (TDPL)	Phosphate Coating Heavy Manganese or Zinc Base (For Ferrous Metal)	09 Sep 92 Cat 2
4b. DI-NDTI-80603 (DD Form 1423)	Test Procedure	01 Jun 88 Cat 1

DOCUMENT SUMMARY LIST

Item: RECOIL MECHANISM  
NSN: 1005-01-088-4387  
Control Number/PRON: P20SJLX2

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

DOCUMENT CATEGORY:

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ISO 10012-1 (ES7010)	OR 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. DOD-P-16232F INT	Phosphate Coating Heavy	09 Sep 92

Amd 1 (TDPL)

Manganese or Zinc Base  
(for Ferrous Metal)

Cat 2

4b. DI-NDTI-80603  
(DD Form 1423)

Test Procedure

01 Jun 88  
Cat 1

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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)	<a href="mailto:aie-qaa@pica.army.mil">aie-qaa@pica.army.mil</a>
AMSTA-AR-QAC(D)	<a href="mailto:aie-qac@pica.army.mil">aie-qac@pica.army.mil</a>
AMSTA-AR-QAT(D)	<a href="mailto:aie-qat@pica.army.mil">aie-qat@pica.army.mil</a>
AMSTA-AR-QA__(R)	<a href="mailto:amsta-ar-qa-cdr1@ria.army.mil">amsta-ar-qa-cdr1@ria.army.mil</a>

## Address List

### Director

Armament and Chemical Acquisition, and Logistics Activity

ATTN: (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: (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: (See Block 14 of DD Form 1423 for symbols that apply)

Picatinny Arsenal, NJ 07806-5000

### Pricing Evaluation Summary

**CLIN 0001**

NSN: 1005-01-088-4387

Recoil Mechanism

**First Article Test**

	Range	Year 1		Year 2		Year 3		Year 4	
		Unit Price	Wgt.						
Guaranteed Qty 1st yr 100	50-99		5%		5%		5%		5%
	100-149		75%		75%		75%		75%
	150-300		20%		20%		20%		20%
<b>Weighted Total Price</b>									

**CLIN 0002**

NSN: 1005-01-454-8489

Recoil Mechanism

**First Article Test**

	Range	Year 1		Year 2		Year 3		Year 4	
		Unit Price	Wgt.						
Guaranteed Qty 1st yr 24	15-23		15%		5%		15%		5%
	24-35		80%		15%		80%		15%
	36-50		5%		80%		5%		80%
<b>Weighted Total Price</b>									

1. This will be an all or none procurement. Contractor's failing to bid on all items, all years, and all ranges may be disqualified
2. For evaluation purposes, the Government has weighted the ranges based on the likelihood that if an order is placed, it will be placed in that particular range. An evaluation price will be calculated by multiplying the offered prices by their respective weights and minimum quantities for each range on each line item and adding the totals for all years.
3. First Article Test (FAT) requirements are shown directly under the CLIN number, if required. The box to the right of the requirement is for your proposed price of FAT. The location of the box indicates the probable year of the FAT requirement. Failure to propose on all FAT may be a reason for disqualification.
4. All FAT costs proposed will be added to the evaluation price in the total of all years as explained in note 2 above.

## **SECTION L**

### **L.1 PROPOSAL INSTRUCTIONS AND CONTENT**

Offerors shall submit proposals in accordance with this section. To avoid unnecessary expense to both the Government and the offeror, offerors are advised to thoroughly review Section M prior to submitting a proposal. Section M sets forth evaluation criteria the Government will use to select a contractor. There are two evaluation areas: (1) Performance Risk and (2) Price. Two elements will be evaluated under Performance Risk: Past Performance and Small Business Utilization.

### **L.2 PERFORMANCE RISK**

#### **L.2.1. Past Performance**

Past Performance will be evaluated for relevance and for compliance. Relevancy's equal in importance to compliance. Relevance means performance, which demonstrates the skills and processes required for this contract. Compliance includes quality, timeliness, cooperation, and customer satisfaction. Offerors will be given a single adjectival rating for Past Performance. An offeror may have a record of good work, but its contract history may have involved different processes and thus may not be relevant to the current procurement. An offeror may have a record of work in the specialized field(s) of this procurement, but may not have performed timely or to the satisfaction of its customers. Either of these examples is likely to result in an overall marginal or poor Past Performance rating.

**L.2.1.1.** Provide information on recent relevant government or private industry contracts of similar size, scope and complexity. Recent contracts are those with any performance taking place within the last three (3) years previous to the date this solicitation was issued. Relevant contracts are those similar in scope, products and/or processes to the requirements of this solicitation and which reflect the probability of successful accomplishment of the required effort. Offerors should include:

- a. Experience in production utilizing metric and close tolerance (.03mm) measurements.
- b. Experience in specialized finish specifications required by TDP (i.e. phosphate coating, anodizing and color etching).
- c. Experience in the fabrication and use of Calibration/Metrology and Acceptance Inspection Equipment (AIE) or Standard Measuring Equipment (SME) and magnetic particle inspection.

**L.2.1.2.** For each recent, relevant past contract, offerors should provide the following pertaining to themselves and their key subcontractors. Subcontractors must provide information regarding contracts they have performed with other than the prime offeror in this solicitation.

- a. Contract Number
- b. Contract Type (Fixed Price or Cost Reimbursement)
- c. Award Price/Cost
- d. Original Delivery Schedule
- e. Final, or projected final delivery schedule
- g. CAGE and DUNNS Number
- h. Government or Commercial Contracting Activity Address, Telephone Number, Fax Number, and E-mail Address for:
  - 1) Procuring Contracting Officer (PCO)
  - 2) Government and Commercial Contracting Activity Technical Representative, or Contracting Officer's Representative (COR)
- i. Description of the scope of work requirements and a discussion of similarities between the contract scope of work and the scope of work in this solicitation.
- j. Description of objectives achieved to date on the contract. Include an explanation of instances where technical or schedule requirements were not met and any corrective actions taken to avoid such problems in the future.
- k. What Standard Quality System was used and what are you currently using. Were there any quality deficiencies and if so, what corrective actions were implemented. How do you monitor/audit your quality system to insure effectiveness and continuous product improvement.
  - l. Explanation of any change to the original price or delivery schedule.
- m. Cancellations and terminations - Identify any recent contract which may have been terminated or cancelled for any reason, in whole or in part. If there were no cancellations or terminations, please state that.

**L.2.1.3** The Government may use the data provided and data gathered from other sources to evaluate past performance. Since the Government may not interview all the sources provided, it is incumbent upon each offeror to explain all the data they provide. The Government does not assume the duty to search for data to cure problems found in proposals. The burden of providing thorough and complete past performance information remains with the offeror. The Government may assess a "higher risk" rating to a proposal, or reject a proposal if it does not contain the information required.

**L.2.2 Small Business Utilization**

a. Offerors are to identify the extent to which small businesses (SBs), Historically Underutilized Business Zones (HUB Zone) Small Business, Small Disadvantaged Business (SDBs), Woman-Owned Small Businesses (WOSBs), Historically Black Colleges/Universities or Minority Institutions (HBCU/MIs) would be utilized in the performance of this proposed contract. For small businesses, as defined by the Standard Industrial Code applicable to this solicitation, the offeror's own participation as a SB, HUB Zone SB, SDB, WOSB, or HBCU/MI is to be identified, and will be considered in evaluating small business participation. To aid in submission of the Small Business Utilization information, attachment \_\_\_\_ may be completed and returned as part of this proposal.

b. The offeror is to address the following factors in detail:

(1) The names of SBs, HUB Zone SBS, WOSBs, or HBCU/MIs who would participate in the proposed contract, identifying specific components to be produced or services to be performed by them, and the estimated total dollars of such work;

(2) A description of the offeror's performance, over the past three calendar years, in complying with the requirements of FAR 52.219-8, including description and available documentation of the methods employed to promote small business utilization and the internal methods used to monitor such utilization.

### **L.3 PRICE**

**L.3.1** The offeror will enter unit prices for each pricing period on the enclosed Pricing Evaluation Spreadsheet. All ranges and years, for all CLIN's, must be filled in to be acceptable. All FAT prices must be quoted. All prices given will be binding to the Government. Pricing will be submitted as FOB Destination.

**L.3.2** The offeror must submit his price in the space provided on the Price Evaluation Spreadsheet.

**L.3.3** The Government reserves the right to require the submission of any data necessary to validate the reasonableness of an offer.

## SECTION M

### **M.1 BASIS FOR AWARD**

a. The Government will make an award to that offeror whose proposal represents the best value to the Government based on an integrated assessment of Performance Risk and Price. Performance Risk is much more important than Price. The Government will evaluate two elements under Performance Risk: (1) Past Performance and (2) Small Business Utilization. Of these elements, Performance Risk is the most important, Small Business Utilization is least important.

b. Under Best Value, the Government reserves the right to make an award to other than the low priced offeror or to other than the offeror rated the highest in the non-price factor. Although price is not the most important consideration, it could be controlling where an otherwise superior proposal is at an unaffordable or unreasonable price, where two proposals are otherwise considered equal, or where the advantages of a superior proposal are not worth the price premium.

c. Proposals which merely offer to perform the work in accordance with the RFP or which are so lacking in content and detail that the Government cannot conduct a meaningful evaluation without significant supplementation are unacceptable and will not be considered for award.

d. The PCO may obtain a Pre-Award Survey to facilitate the evaluation of any offeror's proposal. The contracting officer may consider the results of any such Pre-Award survey findings in the selection decision.

### **M.2 PERFORMANCE RISK**

A negative rating on any one element or sub-factor of Performance Risk may result in a "higher risk" rating overall.

#### **M.2.1. Past Performance**

**M.2.1.1.** The Government will assess the degree to which the offeror's proposal assures that the offeror has the necessary experience and ability to produce to the government technical data package. The evaluation will be based on the factors listed below, all of which are of equal importance:

a. Data provided on past production of similar items utilizing metrics and close tolerance measurements.

b. Data provided on past performance utilizing specialized processes IAW the TDP (i.e. phosphate coating, anodizing and color etching).

c. Data provided on the fabrication (past performance and ability) and use of Calibration/Metrology and Acceptance Inspection Equipment (AIE) and/or Standard Measuring Equipment (SME.) and magnetic particle inspection.

d. Data provided on current/planned capability to meet delivery schedule.

**M.2.1.2.** The Government will assess and compare the relevant Past Performance records of the offerors, their experience and their reputations for customer satisfaction. This assessment may include an evaluation of proposed subcontractors.

**M.2.1.3.** A significant achievement, problem or lack of relevant information can become an important consideration of the source selection process. Therefore, offerors are reminded to include all relevant past efforts, including demonstrated corrective actions, in their proposals. The lack of a performance record may result in an unknown past performance risk rating which will be treated as neutral.

**M.2.1.4.** Offerors are cautioned that in conducting the past performance risk assessment, the Government may use data provided by the offeror in its proposal and data obtained from outside sources. Since the Government may not necessarily interview all of the sources provided by offerors, it is incumbent upon the offeror to explain the relevance of the data provided. Offerors are reminded that while the Government may elect to consider data obtained from other sources, the burden of providing thorough and complete past performance information rests with the offerors.

**M.2.1.5.** The government will focus its past performance inquiry on all aspects of contract performance, including (1) quality of performance, (2) delivery schedule conformance/timeliness, (3) cooperation in resolving issues.

**M.2.1.6.** Performance Risk Ratings: Performance risks are those risks associated with an offeror's likelihood of success in performing the solicitation's requirements indicated by that offeror's record of past performance. Performance risk will be adjectivally/narratively assessed with a risk rating applied to each offeror.

## **M.2.2 Small Business Utilization**

a. The Government will evaluate the likelihood that the offeror will meet the requirements of FAR 52.219-8 based on the offeror's commitment under current contracts and the realism of that commitment based on past performance history.

b. Small Business Participation -- The Government will evaluate the extent to which offerors identify and commit to utilizing small business (SBs), Historically Under Utilized Business Zones (HUB zone) Small business, small disadvantaged business (SDB), woman-owned small business (WOSB), and historically black college and university/minority institution (HBCU/MIs) participation in the performance of the

contract, whether as the prime contractor or a subcontractor, or as a member of a joint venture or teaming arrangement. The evaluation will include the following:

- 1) the extent to which the proposal specifically identifies SBs, HUBzone SBS, SDBs, WOSBs, and HBCU/MIs, the specific items/services they will furnish, and the estimated dollar value of their participation, including the participation of the offeror, if it is a small business;
- 2) The complexity of the item/services to be furnished by SBs, HUB zone SBS, SDBs, WOSBs and HBCU/MIs.
- 3) The extent of participation of such concerns in terms of the value of the total contract amount;
- 4) An assessment of the risk based on past performance of the offeror's actually attaining the involvement of small business concerns as proposed, by evaluating the performance over the past three calendar years of the offeror in complying with the requirements of FAR 52.219-8, Utilization of Small Business Concerns.

### **M. 3 PRICE**

M.3.a. The Government will develop an evaluation price for each offeror. This will be done by multiplying each range price times the percentage assigned, times the minimum quantity of each range. Those items requiring FAT will have a separate line on the Price Evaluation Spreadsheet to submit your quote. This FAT cost will be added into the total evaluation number. All evaluation prices, years, and FAT costs will be added for all line items to arrive at a total evaluation number.

b. Evaluation of the price will include determining reasonableness and realism. Reasonableness is interpreted to mean that the price does not exceed what would be incurred by an ordinarily prudent person in conducting competitive business. Realism asks, "Does the proposal price accurately reflect the offeror's proposed effort to meet the program requirements and objectives." An unrealistic or unaffordable price may preclude an offeror from award. The Government retains the right to obtain additional cost/price data, from any offeror in the event of a lack of competitive bids

c. If the offeror fails to propose for all pricing periods or all ranges, the Government may reject that offer as unacceptable.

**Lannan, Kathleen L**

**From:** Vince Rangel [rangel@pica.army.mil]  
**Sent:** Thursday, December 16, 1999 9:28 AM  
**To:** Rangel, Vince  
**Subject:** P10SNDX1 - sectionc

## CONTRACT C WORKSHEET

PRON P10SNDX1      AMC 1      AMSC G      ATC SAAJO

TDP 12524530      TDPL DATE 09/20/99

NSN 1005014548489      NOMENCLATURE RECOIL MECHANISM

ENGINEERING EXCEPTIONS: The following engineering changes apply to this  
procurement action(s):

DOCUMENT	DELETE	REPLACE WITH
SPI-12524530	MIL-P-116	MIL-STD-2073-1C
SPI-12524530	MIL-L-3150	MIL-PRF-3150
12524530	MS20995	NASM20995
	MS33540	NASM33540
	ANSI-Y14.5	ASME-Y14.5
SQ12524530 SHEET 2/3	MS20995	NASM20995
SQ12524530 SHEET1	MS33540	NASM33540
12524531	MIL-STD-1949	ASTM-E1444
	ANSI-Y14.5M	ASME-Y14.5M
12524532	MIL-STD-1949	ASTM-E1444
	ANSI-Y14.5M	ASME-Y14.5M
12524533	MIL-A-46050	A-A-3096
	ANSI-Y14.5M	ASME-Y14.5M
	AN415-2	A-A-55487
SQ12524533 SHEET1	MIL-A-46050	A-A-3097
SHEET2	AN415-2	A-A-55487
12524430	ANSI-B46.1	ASME-B46.1
	MIL-H-6875	AMS-H-6875
	MIL-S-6758	AMS-S-6758
	MIL-T-6736	AMS-T-6736
	ANSI-Y14.5	ASME-Y14.5
12524434	MIL-I-6868	ASTM-E1444
	ANSI-B46.1	ASME-B46.1
	MIL-H-6875	AMS-H-6875
	MIL-T-6736	AMS-T-6736
	MIL-S-6758	AMS-S-6758
	ANSI-Y14.5	ASME-Y14.5
SQ12524434 SHEET1	ANSI-B46.1	ASME-B46.1
	MIL-H-6875	AMS-H-6875
	MIL-S-6758	AMS-S-6758
12524436	MIL-STD-1949	ASTM-E1444
	ANSI-B46.1	ASME-B46.1
	ANSI-Y14.5	ASME-Y14.5
SQ12524436 SHEET1	MIL-STD-1949	ASTM-E1444
	ANSI-B46.1	ASME-B46.1
12524624	ANSI-Y14.5	ASME-Y14.5
12524534	MIL-STD-1949	ASTM-E1444
	ANSI-B46.1	ASME-46.1
	MIL-H-6875	AMS-H-6875
	MIL-S-5000	AMS-6415, AMS-6484
12524438	ANSI-Y14.5	ASME-Y14.5

12524424	MIL-H-6875	AMS-H-6875
	MIL-S-6758	AMS-S-6758
	ANSI-Y14.5	ASME-Y14.5
12524471	MIL-H-6088	AMS-H-6088
	QQ-A-225/9	AMS-QQ-A-225,ASTM-B211
12524469	ANSI-B46.1	ASME-B46.1
	MIL-H-6088	AMS-H-6088
	QQ-A-200/11	ASTM-B221, ASTM-B308

CONTRACT C WORKSHEET

PRON P10SNDX1      AMC 1      AMSC G      ATC SAAJO

TDP 12524530      TDPL DATE 09/20/99

NSN 1005014548489      NOMENCLATURE RECOIL MECHANISM

	QQ-A-225/9	AMS-QQ-A-225, ASTM-B211
	ANSI-Y14.5	ASME-B46.1
12524628	ANSI-Y14.5	ASME-Y14.5
12524437	MIL-L-3150	MIL-PRF-3150
	MIL-H-6875	AMS-H-6875
	ANSI-B46.1	ASME-B46.1
	ANSI-Y14.5	ASME-Y14.5
12524424	MS33656E2	AS4395E02
QAR 12524424	STA FORM 4452	MIL-STD-1916 VL IV for MAJOR & & AQLS      VL II for MINOR characteristics
QAR 12524430	"	"
QAR 12524434	"	"
QAR 12524435	"	"
QAR 12524436	"	"
QAR 12524437	"	"
QAR 12524438	"	"
QAR 12524440	"	"
QAR 12524441	"	"
QAR 12524442	"	"
QAR 12524469	"	"
QAR 12524471	"	"
QAR 12524530	"	"
QAR 12524531	"	"
QAR 12524532	"	"
QAR 12524533	"	"
QAR 12524534	"	"
QAR 12524624	"	"

For all the above QARS under STANDARDS add MIL-STD-1916 and under SPECIFICATIONS add MIL-W-13855.

For QAR 12524424 Pg. 1, under SPECIFICATIONNS delete MIL-L-3150 and replace with MIL-PRF-3150.

Pg. 2, PART II, TABLE I change MAJOR 101 as follows:

FROM: 101 5/16-24UNF-3A THRD PER	D4	GO/NO GO THRD GAGE
MS 33656-H2 (INCHES)		
TO: 101 5/16-24UNF-3A THRD PER	D4	
AS4395E02 (INCHES)		
PITCH DIAMETER		SMTE
MAJOR DIAMETER		SMTE

Add MINOR 208 as follows:

208 WORKMANSHIP (SEE MIL-W-13855) VISUAL  
Pg. 3, under PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452  
PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF  
MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST  
REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301 THRU 304."

FOR QAR 12524430 PG. 2, PART II, TABLE I UNDER MINOR COLUMN ADD 205 AS  
FOLLOWS;

CONTRACT C WORKSHEET

PRON P10SNDX1 AMC 1 AMSC G ATC SAAJO

TDP 12524530 TDPL DATE 09/20/99

NSN 1005014548489 NOMENCLATURE RECOIL MECHANISM

205 WORKMANSHIP (SEE MIL-W-13855) VISUAL  
UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452 PARA 3.5  
APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855  
FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR)  
SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301, 302, & 303".

FOR QAR 12524434 PG. 1, UNDER SPECIFICATIONS DELETE MIL-I-6868 AND REPLACE  
WITH ASTM-E1444.

PG. 3 UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452  
PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF  
MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST  
REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301, 302, & 303."

For QAR 12524435 PG. 5, PART II, TABLE I ADD MINOR 244 AS FOLLOWS:

244 WORKMANSHIP (SEE MIL-W-13855) VISUAL  
UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452 PARA 3.5  
APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855  
FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR)  
SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301, 302 & 303."

FOR QAR 12524436 PG. 1, PART I UNDER STANDARDS DELETE MIL-STD-1949 AND  
REPLACE WITH ASTM-E1444.

PG.4, UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452  
PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF  
MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST  
REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 401 THRU 404."

FOR QAR 12524437 PG. 1, PART I, UNDER SPECIFICATIONS DELETE MIL-L-3150 AND  
REPLACE WITH MIL-PRF-3150. PG. 2, PART II, TABLE I FOR MAJOR 101 CHANGE  
AS FOLLOWS:

FROM: 101 M45 X 1.5-6H THREAD INTERNAL D8 GO NO-GO THRD PLUG GAGE  
TO: 101 M45 X 1.5-6H THREAD INTERNAL D8  
PITCH DIAMETER SMTE  
MINOR DIAMETER SMTE

PG. 4, PART II, TABLE I, UNDER MINOR COLUMN ADD 222 AS FOLLOWS:

222 WORKMANSHIP (SEE MIL-W-13855) VISUAL  
Under PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452 PARA 3.5  
APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855  
FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR)  
SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301, 302 & 303."

FOR QAR 12524400 PG. 1, PART 1, UNDER SPECIFICATIONS DELETE MIL-L-3150 AND REPLACE WITH MIL-PRF-3150. PG. 2, PART II, TABLE I FOR MAJOR 101 DELETE "(PARA 3.4.5 OF STA FORM 4452-1)". FOR MINOR 202 DELETE "(PARA. 3.4.8 OF STA FORM 4452-1)" AND REPLACE WITH "(SEE MIL-W-13855)"  
PG. 3, UNDER PART III-CERTIFICATION PROVISIONS DELETE "(STA FORM 4452 PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST

CONTRACT C WORKSHEET

PRON P10SNDX1      AMC 1      AMSC G      ATC SAAJO

TDP 12524530      TDPL DATE 09/20/99

NSN 1005014548489      NOMENCLATURE RECOIL MECHANISM

REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301."

For Qar 12524440 PG. 1, PART I, UNDER MINOR COLUMN ADD 207 AS FOLLOWS:

207 WORKMANSHIP (SEE MIL-W-13855)      VISUAL  
PG. 3, UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452 PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFICATES OF TEST REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301, 302 & 303".

FOR QAR 12524441 PG. 1 PART I, UNDER STANDARDS DELETE MIL-STD-1949 AND REPLACE WITH ASTM-E1444. UNDER SPECIFICATIONS DELETE MIL-L-3150 AND REPLACE WITH MIL-PRF-3150. PG. 4, PART II, TABLE I, UNDER MINOR COLUMN ADD 217 AS FOLLOWS:

217 WORKMANSHIP (SEE MIL-W-13855)      VISUAL  
UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452 PARA 3.5 APPLIES)" AND ADD "THE CERTIFICATION PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301 THRU 305.

FOR QAP 12524442, PG. 1, UNDER SPECIFICATIONS DELETE MIL-L-3150 AND REPLACE WITH MIL-PRF-3150. PG. 2, PART II, TABLE I UNDER MINOR COLUMN ADD 208 AS FOLLOWS:

208 WORKMANSHIP (SEE MIL-W-13855)      VISUAL  
UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452 PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301, 302 & 303."

FOR QAR 12524469, PG. 1, UNDER SPECIFICATIONS DELETE MIL-H-6088 AND REPLACE WITH AMS-H-6088. DELETE QQ-A-225/9 AND REPLACE WITH AMS-QQ-A-225 AND ASTM-B211. PG. 2, PART II, TABLE I, UNDER MINOR COLUMN ADD 208 AS FOLLOWS:

208 WORKMANSHIP (SEE MIL-W-13855)      VISUAL  
Pg. 3, UNDER PART III-CERTIFICATION REQUIREMENTS ADD "THE CERTIFICATION PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301 THRU 304."

FOR QAR 12524471 PG. 1, PART I, UNDER SPECIFICATIONS DELETE MIL-H-6088 AND REPLACE WITH AMS-H-6088. DELETE QQ-A-225/9 AND REPLACE WITH AMS-QQ-A-225

AND ASTM-B211. PG. 2, PART II, TABLE I UNDER MINOR COLUMN ADD 206 AS  
FOLLOWS:

206 WORKMANSHIP (SEE MIL-W-13855) VISUAL

PG. 3, UNDER PART III-CERTIFICATION REQUIREMENTS ADD "THE CERTIFICATION  
PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND  
CERTIFIED TEST REPORTS (CTR) SHALL APPLY.

PG. 3, UNDER PART III-CERTIFICATION REQUIREMENTS ADD "THE CERTIFICATION

#### CONTRACT C WORKSHEET

PRON P10SNDX1 AMC 1 AMSC G ATC SAAJO

TDP 12524530 TDPL DATE 09/20/99

NSN 1005014548489 NOMENCLATURE RECOIL MECHANISM

PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND  
CERTIFIED TEST REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR  
301 THRU 304."

FOR QAR 12524530 PG. 2, FOR MAJOR 103 CHANGE MS 33540 TO NASM33540.

FOR MINOR 201 FOR WIRE MS20995C32 REPLACE WITH NASM20995.

FOR 202 CHANGE AS FOLLOWS:

FROM: 202 WORKMANSHIP

(PARA. 3.4.8 OF STA 4452-1) VISUAL

TO: 202 WORKMANSHIP (SEE MIL-W-13855) VISUAL

PG. 3, UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452-1  
APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855  
FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR)  
SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301 7 302".

FOR QAR 12524531 PG. 1, PART I UNDER STANDARDS DELETE MIL-STD-1949 AND  
REPLACE WITH ASTM-E1444. PG. 2, PART II, TABLE 1, UNDER MINOR COLUMN ADD  
204 AS FOLLOWS:

204 WORKMANSHIP (SEE MIL-W-13855) VISUAL

PG. 3, UNDER PART II-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452  
PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF  
MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) and CERTIFIED TEST  
REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301 & 302."

FOR QAR 12524532 PG. 1, PART 1, UNDER STANDARDS DELETE MIL-STD-1949 AND  
REPLACE WITH ASTM-E1444. PG> 2, PART II, TABLE I, UNDER MINOR COLUMN ADD  
203 AS FOLLOWS:

203 WORKMANSHIP (SEE MIL-W-13855) VISUAL

PG. 3, UNDER PART II-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452  
PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF  
MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST  
REPORTS (CTR) SHALL APPLY CERTIFICATION IS REQUIRED FOR 301, & 302."

For QAR 12524533 PG. 1, PART I, UNDER SPECIFICATIONS DELETE MIL-A-46050  
AND REPLACE WITH A-A-3097. 2. PART II, TABLE I UNDER MINOR COLUMN FOR  
PIN AN415-2 DELETE AND REPLACE WITH A-A-55487.

P3, MINOR 202 CHANGE AS FOLLOWS:

FROM: 202 WORKKMANSHIP VISUAL

(PARA 3.4.8 STA FORM 4452-1)

TO: 202 WORKMANSHIP (SEE MIL-W-13855) VISUAL

PG. 4, UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452-1 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS (CTR) SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301 & 302".

FOR QAR 12524534 PG. 1, PART I UNDER STANDARDS DELETE MIL-STD-1949 AND REPLACE WITH ASTM-E1444. UNDER SPECIFICATIONS DELETE MIL-S-5000 AND REPLACE WITH AMS-6415 AND AMS-6484. PG. 4, PART II, TABLE I FOR MINOR

CONTRACT C WORKSHEET

PRON P10SNDX1      AMC 1      AMSC G      ATC SAAJO

TDP 12524530      TDPL DATE 09/20/99

NSN 1005014548489      NOMENCLATURE RECOIL MECHANISM

220, 221 & 222 CHANGE AS FOLLOWS:

FROM: 220 M22 X 1.5-6G EXTERNAL THREAD      C6, NOTE 5      THREAD RING GAGE  
TO: 220 M22 X 1.5-6G EXTERNAL THREAD      C6, NOTE 5  
    PITCH DIAMETER      SMTE  
    MAJOR DIAMETER      SMTE

FROM: 221 21.900-21.732 MAJOR DIA OF      C6      SME  
    M22 X 1.5-6G THREAD  
TO: 221 21.900-21.732 MAJOR DIA OF      C6  
    M22 X 1.5-6G THREAD  
    PITCH DIAMETER      SMTE

FROM: 222 1.125-24UNS-2A THREAD      E6      THREAD RING GAGE  
TO: 222 1.125-24UNS-2A THREAD  
    PITCH DIAMETER      SMTE  
    MAJOR DIAMETER      SMTE

PG. 5, PART II, TABLE 1, CHANGE MINOR 229 AS FOLLOWS:

FROM: 229 M45 X 1.5-6G EXTERNAL THREAD      E2      THREAD RING GAGE  
TO: 229 M45 X 1.5-6G EXTERNAL THREAD      E2  
    PITCH DIAMETER      SMTE  
    MAJOR DIAMETER      SMTE

UNDER MINOR COLUMN ADD 244 AS FOLLOWS:

244 WORKMANSHIP (SEE MIL-W-13855)      VISUAL

PG. 6, UNDER PART III-CERTIFICATION REQUIREMENTS DELETE "(STA FORM 4452 PARA 3.5 APPLIES)" AND REPLACE WITH "THE CERTIFICATION PROVISIONS OF MIL-W-13855 FOR CERTIFICATION OF CONFORMANCE (COC) AND CERTIFIED TEST REPORTS SHALL APPLY. CERTIFICATION IS REQUIRED FOR 301, 302 & 303".

DWG 12524531: PART NO. 'U-103-K' IS OBSOLETE.

DWG 12524532: PART NO. 'U-102-K' IS OBSOLETE.

GFM/GFE: DRAWING NO.

MYLARS REQUIRED (Check one):    Y or X N

CERTIFICATION SIGNATURE(S)/CONCURRENCE

## Lannan, Kathleen L

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**From:** Larry Patrick [patrick@pica.army.mil]  
**Sent:** Tuesday, December 14, 1999 9:22 AM  
**To:** Patrick, Larry  
**Subject:** P20SJLX2 - sectionc

### CONTRACT C WORKSHEET

PRON P20SJLX2      AMC 1      AMSC G      ATC SAAJO

TDP 12524420      TDPL DATE

NSN 1005010884387      NOMENCLATURE RECOIL MECHANICAL

ENGINEERING EXCEPTIONS: The following engineering changes apply to this procurement action(s):

DOCUMENT	DELETE	REPLACE WITH
SPI 12524420	MIL-P-116	MIL-STD-2073-1C/MIL-PRF-3150
"	MIL-P-14232	MIL-STD-2073-1C
"	PPP-B-636	ASTM D5118/ASTM D1974
"	MIL-P-3420	MIL-PRF-3420

MIL-H-6088 is superceded by SAE AMS H 6088

QQ-A-229/9 is superceded by AMS-QQ-A-225/9

AN415-2 is superceded by A-A-55487

MS33656 is superceded by AS 4395

Part 12524426 can be purchased from the following sources:

EW Yost Co.	Baumann Springs
310 N Wales Rd.	8107-0 Arrowbridge Blvd.
Blue Ball, PA 19422	Charlotte, NC 28210
CAGE 8H739	CAGE 68436

Drawing 12524431, 12524531 and 12524532 can be purchased from the following sources:

Ringfeder Corp	Ross-Brown Inc
165 Carver Ave	936 42nd Street
Westwood, NJ 07675-2604	Sarasota, FL 34234
CAGE 60372	CAGE 08TX0

DOCUMENT	DELETE	REPLACE WITH
QAR 12524420	AQLS	MIL-STD-1916 VL IV for MAJOR & VL II for MINOR characteristics

QAR 12524424	"	"
QAR 12524425	"	"
QAR 12524426	"	"
QAR 12524430	"	"
QAR 12524431	"	"
QAR 12524434	"	"
QAR 12524435	"	"
QAR 12524436	"	"
QAR 12524437	"	"
QAR 12524438	"	"
QAR 12524440	"	"
QAR 12524441	"	"
QAR 12524442	"	"
QAR 12524469	"	"
QAR 12524471	"	"
QAR 12524531	"	"

QAR 12524532  
QAR 12524624

On all the above QARS Pg. 1, PART I under STANDARDS add MIL-STD-1916 and under SPECIFICATIONS add MIL-W-13855. Also add MINOR characteristic as per following:

---WORKMANSHIP (SEE MIL-W-13855) VISUAL

CONTRACT C WORKSHEET

PRON P20SJLX2 AMC 1 AMSC G ATC SAAJO

TDP 12524420 TDPL DATE

NSN 1005010884387 NOMENCLATURE RECOIL MECHANICAL

If the QAR already has WORKMANSHIP delete (STA 3.48 OF STA FORM 4452-1) and substitute (SEE MIL-W-13855).

On all the above QARS, PART II, TABLE I under PART III-CERTIFICATION REQUIREMENTS delete (STA FORM 4452-1 APPLIES) and add "the Certification Provisions of MIL-W-13855 for Certification of Conformance (COC) and Certified Test Reports (CTR) shall apply for the following:

For QAR 12524424 Pg. 2 for 101 change as follows;

FROM: 101 5/16-24 UNF-3A THRD PER D4 GP/NO GO THRD GAGE  
MS 33656-E2 (INCHES)  
TO: 101 .5/16-24 UNF-3A THRD PER D4  
AS 4395 (INCHES)  
PITCH DIAMETER SMTE  
MAJOR DIAMETER SMTE  
DELETE REPLACE WITH  
MIL-L-3150 MIL-L-PRF-3150

For QAR 12524425

DELETE REPLACE WITH  
MIL-A-46050 A-A-3097  
AN 415-2 A-A-55487

For QAR 12524426, 12524431, 12524436, 12524531 & 12524532.

DELETE REPLACE WITH  
MIL-STD-1949 ASTM-E1444

For QAR 12524434

DELETE REPLACE WITH  
MIL-I-6868 ASTM-E-1444

For QAR 12524435 Pg. 4, PART II, TABLE 1 change MAJOR 221 as Follows:

FROM: 221 M22 X 1.5-6g EXTERNAL THRD C6 SME  
DWG NOTE 5  
TO: 221 M22 X 1.5-6g EXTERNAL THRD C6  
PITCH DIAMETER DWG NOTE 5 SMTE  
MAJOR DIAMETER

For QAR 12424437, 12524440, 12524441, 12524442 & 12524624

DELETE REPLACE WITH  
MIL-L-3150 MIL-L-PRF-3150

Pg. 2 MAJOR 102 delete (PARA 3.5 OF FORM 4452-1)

For QAR 12524469 and 12524471

DELETE REPLACE WITH  
MIL-H-6088 SAE AMD H-6088  
QQ-A-225/9 AMS-A-225/9

GFM/GFE: DRAWING NO.

~~CONTRACT C WORKSHEET~~

~~PRON P20SJLX2      AMC 1      AMSC G      ATC SAAJO  
TDP 12524420                      TDPL DATE  
NSN 1005010884387    NOMENCLATURE RECOIL MECHANICAL~~

~~MYLARS REQUIRED (Check one):    Y or  N~~

~~CERTIFICATION SIGNATURE(S)/CONCURRENCE~~

<del>Eng</del>					
<del>Act</del>	<del>DAVID BURNS</del>	<del>DAVID BURNS</del>	<del>11/23/99</del>	<del>AMSTA-AR-CCL</del>	<del>880-6033</del>
<del>LCSE</del>					
<del>Act</del>	<del>LORI GELATO</del>	<del>LORI GELATO</del>	<del>11/9/99</del>	<del>AMSTA-AR-LCS</del>	<del>880-3536</del>
	<del>Type/Print Name</del>	<del>Signature/Concurrence</del>	<del>Date</del>	<del>Office Sym</del>	<del>DSN Tel</del>
<del>Pkg</del>					
<del>Act</del>	<del>JAMES F. ZOLL</del>	<del>JAMES F. ZOLL</del>	<del>11/10/99</del>	<del>AMSTA-AR-EPK</del>	<del>880-2865</del>
	<del>Type/Print Name</del>	<del>Signature/Concurrence</del>	<del>Date</del>	<del>Office Sym</del>	<del>DSN Tel</del>
<del>PAD</del>					
<del>Act</del>	<del>RICHARD MESSER</del>	<del>RICHARD MESSER</del>	<del>12/2/99</del>	<del>AMSTA-AR-QAC</del>	<del>880-5331</del>
	<del>Type/Print Name</del>	<del>Signature/Concurrence</del>	<del>Date</del>	<del>Office Sym</del>	<del>DSN Tel</del>

Exhibit A

CONTRACT DATA REQUIREMENTS LIST

DD FORM 1423 (MECHANIZED)

CATEGORY: MISC SYSTEM/ITEM: RECOIL MECHANISM  
TO CONTRACT/PR: P20SJLX2

1. SEQUENCE NUMBER		14. DISTRIBUTION	DRFT/REG/REPRO COPIES
2. TITLE OF DATA ITEM			
3. SUBTITLE			
4. DATA ITEM NUMBER			
5. CONTRACT REFERENCE			
6. TECHNICAL OFFICE	7. DD 250	8. APP CODE	9. DIST STATEMENT REQUIRED
10. FREQUENCY	11. AS OF DATE		15. TOTAL:
12. DATE OF 1ST SUBMISSION		13. DATE OF SUBSEQUENT SUBMISSION	
16. REMARKS	-----		

1. A001		14. AMSTA-AR-ES (ECALS)	/ /
2. CONFIGURATION CHANGE CONTROL*			/ /
3. ENGINEERING ACTIONS			
4. DI-CMAN-81554			
5. SECTION C			
6. AMSTA-AR-ES	7. NO	8. -	9. **
10. ASREQ	11. ---		15. TOTAL 0/ 0/ 0
12. ASREQ		13. ASREQ	

16. REMARKS  
 PREPARE ENGINEERING ACTIONS IAW DI-CMAN-81544 AND SUBMIT ELECTRONICALLY VIA ECALS WORLDWIDE WEB PAGE [HTTP://EDMD4.PICA.ARMY.MIL/](http://EDMD4.PICA.ARMY.MIL/). \*DATA INFORMATION PACKET \*\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER. THE POC FOR ECALS IS LEE SADAUSKAS, AMSTA-AR-QAW, (973) 724-6626 LEES@PICA.ARMY.MIL.

1. A002		14. AMSTA-AR-QAC (D) QAR CO (LT ONLY) AMSTA-AR-QAW-C (LT ONLY) (R)	(1) / 1/ / / / (2) / / / /
2. SPECIAL INSPECTION EQUIPMENT DESCRIPTIVE DOC.			
3. AIE DESIGN DOCUMENTATION			
4. DI-QCIC-81006*			
5. SECTION E			
6. AMSTA-AR-QA	7. XX	8. A	9. N/A
10. ONE/R	11. N/A		15. TOTAL 0/ 1/ 0
12. **		13. WHEN REV.	

16. REMARKS  
 \* BLOCK 4: DO NOT ADDRESS PARAGRAPHS 10.1, 10.2, 10.4.1(f) AND 10.4.2. IGNORE ALL REFERENCE TO THE WORD "SPECIAL" IN DID. SUBMIT FOR ALL CRITICAL, SPECIAL AND MAJOR CHARACTERISTICS IN SPECIFICATION OR QAP. \*\* BLOCK 12: SUBMIT 30 DAYS PRIOR TO FA, OR PRODUCTION, IF FA IS WAIVED. THE GOVERNMENT WILL RESPOND WITHIN 30 DAYS OF RECEIPT OF ORIGINALS AND REVISIONS. REVISIONS ARE TO BE SUBMITTED WITHIN 10 DAYS OF RECEIPT OF GOVERNMENT RESPONSE. IF DOCUMENTATION WAS APPROVED ON PRIOR CONTRACT AND NO CHANGES WERE MADE, SUBMIT

ONLY EVIDENCE OF PRIOR APPROVALS.

email: (1)aie-qac@pica.army.mil (2)amsta-ar-ga-cdr1@ria-emh2.army.mil

Text:Microsoft Office 97

Drawings:AutoCAD-Release 14(Expressed mailed hard copies will be accepted)

Files may be compressed using ZIP program.

WARNING: Large packages may cause delays in delivery using mail internet.

Email subject line must contain end item nomenclature.

- 
- |   |         |             |         |
|---|---------|-------------|---------|
| 1. A003                                   |         | 14.         |         |
|   |         | PROCUREMENT | / /     |
| 2. TEST PROCEDURE/ PHOSPHATE COATING PRE- |         | CONTRACTING | / /     |
| 3. PRODUCTION PROCEDURE                   |         | OFFICER     | / 1/    |
| 4. DI-NDTI-80603*                         |         |             |         |
| 5. DOD-P-16232,PARA 3.1                   |         |             |         |
| 6. AMSTA-AR-ESM                           | 7. XX   | 8. A        | 9. N/A  |
| 10. ONE/R                                 | 11. N/A | 15. TOTAL   | 0/ 1/ 0 |
| 12. 60 DAC                                | 13. N/A |             |         |

16. REMARKS

\*PARA'S 10.2.2.2 & 10.2.2.3 ONLY APPLY. BLOCK 8 CONT.-PRIOR TO PRODUCTION, APPROVAL THROUGH THE CONTRACTING OFFICER IS REQUIRED WITHIN 60 DAYS AFTER CONTRACT AWARD.A DD FORM 250 IS NOT REQUIRED FOR PHOSPHATE COATING PROCEDURE APPROVAL. CONTRACTOR FORMAT ACCEPTABLE. SHALL BE SUBMITTED ON AN IBM COMPATIBLE 3-1/2" DISKETTE IN RICH TEXT FORMAT (RTF).

-----  
APPROVED BY: STEPHEN J HANSEN, SDMO, AMSTA-AR-QAD

DATE: 12/15/1999

# INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions)

## **FOR GOVERNMENT PERSONNEL**

- Item A.** Self-explanatory.
- Item B.** Self-explanatory.
- Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as AProvisioning, AConfiguration Management, etc.
- Item D.** Enter name of system/item being acquired that data will support.
- Item E.** Self-explanatory (to be filled in after contract award).
- Item F.** Self-explanatory (to be filled in after contract award).
- Item G.** Signature of preparer of CDRL.
- Item H.** Date CDRL was prepared.
- Item I.** Signature of CDRL approval authority.
- Item J.** Date CDRL was approved.
- Item 1.** See DoD FAR Supplement Subpart 4.71 for proper numbering.
- Item 2.** Enter title as it appears on data acquisition document cited in Item 4.
- Item 3.** Enter subtitle of data item for further definition of data item (optional entry).
- Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.
- Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).
- Item 6.** Enter technical office responsible for ensuring adequacy of the data item.
- Item 7.** Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8.** Specify requirement for approval of a draft before preparation of the final data item.
- Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoD 5230.r24).
- Item 10.** Specify number of times data items are to be delivered.
- Item 11.** Specify as-of date of data item, when applicable.
- Item 12.** Specify when first submittal is required.
- Item 13.** Specify when subsequent submittals are required, when applicable.
- Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15.** Enter total number of draft/final copies to be delivered.
- Item 16.** Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in

Item 14; Desired medium for delivery of the data item.

DD Form 1423 Reverse, JUN 90

## **FOR THE CONTRACTOR**

**Item 17.** Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 as no cost.

**Item 18.** For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. These estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

## GUIDANCE ON DOCUMENTATION OF CONTRACT REQUIREMENTS LIST (CDRL)

The following information is furnished to provide guidance with respect to the abbreviations and codes utilized in various blocks of DD Form 1423, Contract Data Requirements List.

**Block 1. Sequence Number.** This number is specified by DOD components in accordance with FAR Supplement Subpart 4.71.

**Block 2. Title of Description of Data.** This represents the title or brief description of the data. This title should be identical to the Data Item Description (DID) title with Block 3 being used for further identification, if required.

**Block 3. Subtitle of Data.** If the title requires further identification, a subtitle is entered.

**Block 4. Authority, Data Item Number.** Data item number of the DID which provides the data preparation instructions.

**Block 5. Contract Reference.** The specific paragraph number of the contract procurement request, system specification, or other applicable document which identifies the effort associated with the data item authorized by Block 4 above.

**Block 6. Technical Office.** The office that is responsible for assuring the adequacy of the data item unless this responsibility is delegated elsewhere in the contract or in Block 7 on the DD Form 1423.

**Block 7. DD Form 250 Requirement.** This block designates the location (contractor's facility or destination) for performance of Government inspection and acceptance. The applicable codes for inspection and acceptance are cited below. The Government activity to perform the destination acceptance task is entered in Block 14 as the first addressee.

Code	Inspection	Acceptance
SS	*Source(DD Form 250)	*Source(DD Form 250)
DD	Destination(DD Form 250)	Destination(DD Form 250)
SD	*Source(DD Form 250)	Destination(DD Form 250)
DS	Destination(DD Form 250)	*Source(DD Form 250)
LT	Letter of Transmittal only	
NO	No inspection or acceptance required	
XX	Inspection/acceptance requirements specified elsewhere in the contract.	

\*Source indicates contractor's facility.

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ONE/P	One Preliminary	ONE/R	One time with revisions
QRTLY	Quarterly	R/ASR	Revision as required*
SEMIA	Every 6 months	WEKLY	Weekly
XTIME**	Number of time to be submitted (1TIME, 2TIMES, etc.)		

\*Use of these codes requires further explanation in block 16 to provide the contractor with guidance necessary to accurately price the deliverable data item.

\*\*A number must be inserted in place of the "X".

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Block 12. Date of First Submission. This block indicates the initial data submission date (Year/Month/Day). When the contract start date has not been established, this block indicates the number of days after the contract start date that the data is due; e.g., 30 days after contract (DAC). Further information, if required is contained in Block 13. "DFDEL" indicates deferred delivery.

Block 13. Date of Subsequent Submission/Event Identification. When data is submitted more than once, the date(s) of subsequent submission(s) is indicated in this block. Example: "Not later than (NLT) 15 days before start of production"; "45 days before first article", etc.

Block 14. Distribution and Addressees. Addressees and number of copies (draft/regular/reproducible) to be forwarded to each addressee as cited in this block. Addressees are indicated by office symbols (i.e., AMSIO-XYZ). A list explaining these symbols and their addressees is attached to the form. When reproducible copies are required, the type of copies required will be cited in this block or Block 16.

NOTE: Unless otherwise cited in Block 10 of DD Form 1664, entries in Blocks 3 through 9 on DD Form 1664, Data Item Descriptions, are for information purposes only and are not contractually binding.

NOTE: It is required that data items be delivered using electronic media. Where possible electronic transmission (e-mail) is the most preferred method. Refer to the Contract Data Requirements List (CDRL), DD Form 1423 for more specific information (i.e., e-mail addresses, etc.)

For narrative kinds of reports, submission of a 3 1/2 inch disk in Rich Text Format (RTF), Microsoft Word or by e-mail is acceptable.

For spreadsheets or database kinds of reports, the acceptable software packages would be Microsoft Office products, i.e., Access or Excel. If these packages are not available, the information could be forwarded using a word processing kind of document saved in a Rich Text Format (RTF).

CONTRACT DATA REQUIREMENTS LIST

CATEGORY: MISC SYSTEM/ITEM: RECOIL MECHANISM  
 TO CONTRACT/PR: P10SNDX1

- |                            |                                   |                       |
|----------------------------|-----------------------------------|-----------------------|
| 1. SEQUENCE NUMBER         | 14. DISTRIBUTION                  | DRFT/REG/REPRO COPIES |
| 2. TITLE OF DATA ITEM      |                                   |                       |
| 3. SUBTITLE                |                                   |                       |
| 4. DATA ITEM NUMBER        |                                   |                       |
| 5. CONTRACT REFERENCE      |                                   |                       |
| 6. TECHNICAL OFFICE        | 7. DD 8. APP 9. DIST STATEMENT    |                       |
|                            | 250 CODE REQUIRED                 |                       |
| 10. FREQUENCY              | 11. AS OF DATE                    |                       |
| 12. DATE OF 1ST SUBMISSION | 13. DATE OF SUBSEQUENT SUBMISSION |                       |

- 
- |                                  |                         |                   |
|----------------------------------|-------------------------|-------------------|
| 1. A001                          | 14. AMSTA-AR-ES (ECALS) | / /               |
| 2. CONFIGURATION CHANGE CONTROL* |                         | / /               |
| 3. ENGINEERING ACTIONS           |                         |                   |
| 4. DI-CMAN-81554                 |                         |                   |
| 5. SECTION C                     |                         |                   |
| 6. AMSTA-AR-ES                   | 7. NO 8. 9. **          |                   |
| 10. ASREQ                        | 11. --                  | 15. TOTAL 0/ 0/ 0 |
| 12. ASREQ                        | 13. ASREQ               |                   |

16. REMARKS  
 PREPARE ENGINEERING ACTIONS IAW DI-CMAN-81554 AND SUBMIT ELECTRONICALLY VIA ECALS WORLDWIDE WEB PAGE [HTTP://EDMD4.PICA.ARMY.MIL/](http://EDMD4.PICA.ARMY.MIL/).  
 \*DATA INFORMATION PACKET \*\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER  
 THE POC FOR ECALS IS LEE SADAUSKAS, AMSTA-AR-QAW, (973)724-6626, LEES@PICA.ARMY.MIL.

- 
- |  |   |                   |
|--|---|-------------------|
| 1. A002                                  | 14. AMSTA-AR-QAC(1) QAR CO (LT ONLY) AMSTA-AR-QAW (R) (LT ONLY) (2) | / 1/ / 1/ / / / / |
| 2. SPECIAL INSPECTION EQUIP. DESCRIPTIVE |   |                   |
| 3. DOC. AIE DESIGN DOCUMENTAT            |   |                   |
| 4. DI-QCIC-81006*                        |   |                   |
| 5. SECTION E                             |   |                   |
| 6. AMSTA-AR-QA                           | 7. XX 8. A 9. N/A   |                   |
| 10. ONE/R                                | 11. --  | 15. TOTAL 0/ 2/ 0 |
| 12. **                                   | 13. WHEN REVISED  |                   |

16. REMARKS

\*DO NOT ADDRESS PARAS 10.1, 10.2, 10.4.1(F) AND 10.4.2. IGNORE ALL REFERENCE TO THE WORD "SPECIAL" IN DID. SUBMIT FOR ALL CRITICAL, SPECIAL AND MAJOR CHARACTERISTICS IN SPECIFICATION OR QAP. \*\*SUBMIT 30 DAYS PRIOR TO FA, OR PRODUCTION, IF FA IS WAIVED. THE GOVT WILL RESPOND WITHIN 30 DAYS OF RECEIPT OF ORIGINALS AND REVISIONS. REVISIONS ARE TO BE SUBMITTED WITHIN 10 DAYS OF RECEIPT OF GOVT RESPONSE. IF DOCUMENTATION WAS APPROVED ON PRIOR CONTRACT AND NO CHANGES WERE MADE, SUBMIT ONLY EVIDENCE OF PRIOR APPROVALS.  
 EMAIL: (1) AIE-QAC@PICA.ARMY.MIL (2) AMSTA-AR-QA-CDRL@RIA.ARMY.MIL  
 TEXT: MICROSOFT OFFICE 97  
 DRAWINGS: AUTOCAD-RELEASE 14 (EXPRESSED MAIL HARD COPIES WILL BE ACCEPTED)  
 FILES MAY BE COMPRESSED USING ZIP PROGRAM.  
 WARNING: LARGE PKGS MAY CAUSE DELAYS IN DELIVERY USING MAIL INTERNET.  
 EMAIL SUBJECT LINE MUST CONTAIN END ITEM NOMENCLATURE.

- |                                       |         |                |                   |
|---------------------------------------|---------|----------------|-------------------|
| 1. A003                               |         | 14.            |                   |
|                                       |         | ADMINISTRATIVE | / 1/              |
| 2. TEST PROCEDURE - PHOSPHATE COATING |         | CONTRACTING    | / /               |
| 3. PRE-PRODUCTION PROCEDURE           |         | OFFICER        | / /               |
| 4. DI-NDTI-80603**                    |         |                |                   |
| 5. DOD-P-16232, PARA 3.1              |         |                |                   |
| 6. AMSTA-AR-ESM                       | 7. XX   | 8. A           | 9. N/A            |
| 10. ONE/R                             | 11. N/A |                | 15. TOTAL 0/ 1/ 0 |
| 12. 60DAC                             |         | 13. N/A        |                   |

16. REMARKS  
 \*\*PARA'S 10.2.2.2 & 10.2.2.3 ONLY APPLY. BLOCK 8 CONT.-PRIOR TO PRODUCTION APPROVAL THRU THE CONTRACTING OFFICER IS REQUIRED W/IN 60 DAYS AFTER CONTRACT AWARD. A DD FORM 250 IS NOT REQUIRED FOR PHOSPHATE COATING PROCEDURE APPROVAL. CONTRACTOR FORMAT ACCEPTABLE. SHALL BE SUBMITTED ON AN IBM COMPATIBLE 3-1/2" DISKETTE IN RICH TEXT FORMAT (RTF).

APPROVED BY: SHELLEY SCHABILION, SDMO, AMSTA-AR-QAD DATE: 12/22/1999

## GUIDANCE ON DOCUMENTATION OF CONTRACT REQUIREMENTS LIST (CDRL)

The following information is furnished to provide guidance with respect to the abbreviations and codes utilized in various blocks of DD Form 1423, Contract Data Requirements List.

**Block 1. Sequence Number.** This number is specified by DOD components in accordance with FAR Supplement Subpart 4.71.

**Block 2. Title of Description of Data.** This represents the title or brief description of the data. This title should be identical to the Data Item Description (DID) title with Block 3 being used for further identification, if required.

**Block 3. Subtitle of Data.** If the title requires further identification, a subtitle is entered.

**Block 4. Authority, Data Item Number.** Data item number of the DID which provides the data preparation instructions.

**Block 5. Contract Reference.** The specific paragraph number of the contract procurement request, system specification, or other applicable document which identifies the effort associated with the data item authorized by Block 4 above.

**Block 6. Technical Office.** The office that is responsible for assuring the adequacy of the data item unless this responsibility is delegated elsewhere in the contract or in Block 7 on the DD Form 1423.

**Block 7. DD Form 250 Requirement.** This block designates the location (contractor's facility or destination) for performance of Government inspection and acceptance. The applicable codes for inspection and acceptance are cited below. The Government activity to perform the destination acceptance task is entered in Block 14 as the first addressee.

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