

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 29
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 1-9-2013	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY DLA TROOP SUPPORT HARDWARE 700 ROBBINS AVENUE PHILADELPHIA PA 19111-5096 Initiator: Avril Dickerson PHPGA7 (215)737-8275 E-mail: avril.dickerson@dla.mil	CODE SPM5E1	7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, State and ZIP Code)		(X)	9A. AMENDMENT OF SOLICITATION NO. SPM5EY-13-R-0003
		X	9B. DATED (SEE ITEM 11) 2012 DEC 18
			10A. MODIFICATION OF CONTRACT/ORDER NO.
			10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offeror must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the closing hour and date specified.

**12. Accounting and Appropriation Data (If required)**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc). SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

NSN: 0000-00-000-0000

The due date remains the same - February 11, 2013 - 1PM Eastern standard time.

The following NSN - 5306-01-101-4162 is hereby included in this solicitation.

Please see attached pages for item description, clauses and inspection requirements.

CONTINUED ON FOLLOWING PAGE(S)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

**CONTINUATION SHEET**Reference Number of Document Being Continued:  
SPM5EY-13-R-0003-0001

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5306-01-101-4162

Please provide pricing on this amendment with and without Contractor Article Testing (FAT).

Line Item: 118	AEQ: 2500 EA
Without FAT	Unit Price: _____
With FAT	Unit Price: _____

CLIN - 9907 - First Article Test: First Article Test Report 1 TE  
(1 TE = 2 EA) Applicable to Line Item 118.

CLIN 9910 - Special Testing for PLT - Production Lot Testing. Applicable to Line Item 118.

Please provide delivery days for submission of FAT and delivery schedule. See attached pages for complete details.

ITEM DESCRIPTION FOR NSN 5306-01-101-4162

BOLT, MACHINE

THIS IS A NAVY IDENTIFIED CRITICAL SAFETY ITEM  
(CSI)

ALL REQUESTS FOR WAIVERS OR DEVIATIONS MUST BE FORWARDED TO  
THE DSC CONTRACTING OFFICER FOR REVIEW AND APPROVAL.

ALL ITEMS OF SUPPLY SHALL BE MARKED IAW MIL-STD-129. IN ADDITION,  
EACH UNIT PACK WILL BE MARKED WITH LOT AND SERIAL NUMBER (IF  
AVAILABLE),  
CONTRACTOR'S CAGE CODE, ACTUAL MANUFACTURER'S CAGE CODE AND  
PART NUMBER.

UNLESS OTHERWISE NOTED FIRST ARTICLE TESTING IS REQUIRED

ASQ H1331 Table 1 Shall be used, and will take precedence over Sample Size Coding  
methods and Sampling Plan tables as outlined in military and federal specifications,  
standards, Commercial  
Item Descriptions (CIDs) prepared by DoD activities, and those sampling plans cited by  
military  
service and DLA Troop Support – Quality Assurance Provisions (QAPs). Those documents  
that identify the classification of characteristics as critical, major, and minor, shall have  
corresponding associated AQL Index values of 0.10, 1.0, and 4.0 respectively. ASQ H1331  
takes precedence over non-government standard ASQ Z1.4.

Those specifications, standards, CIDs, drawings and QAPs using sampling plans based on  
zero acceptance are excluded from these requirements, as are those not specifying  
characteristics as  
"critical", "major", and/or "minor".

CRITICAL ITEM - SOURCE INSPECTION REQUIRED.

QAP EQ003 APPLIES

DATA IS PROPRIETARY OR INSUFFICIENT FOR COMPETITIVE PROCUREMENT

THE ACCEPTABLE SOURCE(S) MUST MEET THE REQUIREMENTS OF THE  
CURRENT REVISION OF THE OEM DRAWING

OFFERORS NOT CITED AS ACCEPTABLE SOURCES IN THE PROCUREMENT  
ITEM DESCRIPTION ARE REQUIRED TO OBTAIN SOURCE APPROVAL FROM  
THE DESIGN CONTROL ACTIVITY. SOURCE APPROVAL  
REQUESTS/TECHNICAL DATA PACKAGES MUST BE SUBMITTED TO DLA  
WITH THE OFFER.

CRITICAL APPLICATION ITEM

J M PRECISION INC (0JV78) P/N SS5021-10-34A  
M.S. AEROSPACE INC. (0UCY9) P/N SS5021-10-34A  
SIKORSKY AIRCRAFT CORPORATION (78286) P/N SS5021-10-34A

I/A/W QAP 14153 QAP-CSI0111014162  
REFNO  
AMEND NR DTD 12/14/11  
TYPE NUMBER

I/A/W DRAWING NR 78286 SS5021  
REFNO  
AMEND NR 9 DTD 12/15/95  
TYPE NUMBER SS5021-10-34A

I/A/W NAS621  
REFNO  
AMEND NR 12 DTD 08/04/11  
TYPE NUMBER

PREP FOR DELIVERY:

PKGING DATA - MIL-STD-2073-1D, 15 DEC 1999  
QUP = 001: PRES MTHD = 10: CLNG/DRY = 1: PRESV MAT = 00:  
WRAP MAT = 00: CUSH/DUNN MAT = 00: CUSH/DUNN THKNESS = 0:  
UNIT CONT = 10: OPI = 0:  
INTRMDTE CONT = D3: INTRMDTE CONT QTY = AAA:  
PACK CODE = Q: PACKING LEVEL = B:  
MARKING SHALL BE IN ACCORDANCE WITH MIL-STD-129.  
SPECIAL MARKING CODE: 00 -

**Applicable Clauses for NSN: 5306-01-101-4162**

- Please provide pricing with and without First Article Testing – if the government elects to waive FAT Testing.
- There are no surge requirements for this line item.
- This item requires approval of First Article Test (FAT) and Production Lot Testing (PLT) prior to the manufacture of the production lot.

First Article Testing shall be in accordance with QAP CSI011014162 (see copy attached). In addition, this is a Critical Safety Item (CSI). All CSI clauses (cited later in this amendment) will be incorporated into any subsequent award and remain in full force and effect.

Submission of FAT: 120 days

Clin – 9907 – First Article Test: First Article Test Report 1 TE (1 TE = 2 EA)

Delivery = FOB Destination; Inspection: Origin; Acceptance: Destination

**Delivery Schedule:**

120 Days for Contractor First Article Completed

30 Days: Government Review and Notification to Contractor

220 Days: Manufacture of Production Units and Contractor PLT Completed

25 Days: Government Review and Notification to Contractor

**Total: 395 Days**

Clin 9910 – Special Testing is including for PLT

**FAR 52.209-3 -- First Article Approval -- Contractor Testing (Sep 1989)**

(a) The Contractor shall test 2 unit(s) of Lot/Item 9907 as specified in this contract. At least 45 calendar days before the beginning of first article tests, the Contractor shall notify the Contracting Officer, in writing, of the time and location of the testing so that the Government may witness the tests.

(b) The Contractor shall submit the first article test report within 120 calendar days from the date of this contract :

COMMANDING OFFICER  
FLEET READINESS CENTER EAST  
First Article Test – Sta. 31B  
Attn: AIR-4.1.9 (252) 464-7748  
Bldg 154B Cleveland Drive  
MCAS Cherry Point, NC 28533

marked "First Article Test Report: Contract No. to be assigned, Lot/Item No. 9907" Within 30 calendar days after the Government receives the test report, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall repeat any or all first article tests. After each request for additional tests, the Contractor shall make any necessary changes, modifications, or repairs to the first article or select another first article for testing. All costs related to these tests are to be borne by the Contractor, including any and all costs for additional tests following a disapproval. The Contractor shall then conduct the tests and deliver another report to the Government under the terms and conditions and within the time specified by the Government. The Government shall take action on this report within the time specified in paragraph (b) above. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

(d) If the Contractor fails to deliver any first article report on time, or the Contracting Officer disapproves any first article, the Contractor shall be deemed to have failed to make delivery within the meaning of the Default clause of this contract.

(e) Unless otherwise provided in the contract, and if the approved first article is not consumed or destroyed in testing, the Contractor may deliver the approved first article as part of the contract quantity if it meets all contract requirements for acceptance.

(f) If the Government does not act within the time specified in paragraph (b) or (c) above, the Contracting Officer shall, upon timely written request from the Contractor, equitably adjust under the changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(g) Before first article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the Contractor. Before first article approval, the costs thereof shall not be allocable to this contract for

(1) progress payments, or

(2) termination settlements if the contract is terminated for the convenience of the Government.

(h) The Government may waive the requirement for first article approval test where supplies identical or similar to those called for in the schedule have been previously furnished by the offeror/contractor and have been accepted by the Government. The offeror/contractor may request a waiver.

**Clauses apply to this line item**

**DLAD 52.209-9017 FIRST ARTICLE – CONTRACTOR TESTING –  
ADDITIONAL REQUIREMENTS (NOV 2011)**

(a) For the lots/items identified in this contract as requiring “Contractor First Article Test (FAT) (including test report)” in accordance with the clause at Federal Acquisition Regulation (FAR) 52.209-3, the Contractor shall –

(1) Conform with technical requirements stated and/or referenced in the solicitation; including number of units to be tested, data required, performance or other characteristics that the first articles shall meet, sequence of processes, tests to which the first articles shall be subjected, and conformance criteria for each requirement specified; and

(2) Provide all facilities, equipment and personnel required to perform the examination and evaluation of the first article when first article testing will be conducted at the Contractor's plant. The Government reserves the right to charge the Contractor for any additional costs of examination and evaluation caused by failure of the Contractor to make available the first article or the required facilities, equipment or personnel, at the time the Contractor advised the testing would take place (see paragraph (a) of the clause at FAR 52.209-3).

(3) Prepare and disseminate the FAT report as follows:

(i) Prepare the test report in accordance with data item description DI-NDTI-80809B, entitled, “Test/Inspection Report;”

(ii) Mark the test report, “First article test report – Contract number: [Contractor insert Contract number] and lot/item number: [Contractor insert lot/item number];”

(iii) Present the test report to the inspecting activity quality assurance representative (QAR) for review. The QAR will –

(A) Prepare recommendations;

(B) Countersign the first article report;

(C) Forward two copies to the Contracting Officer at the buying activity; and

(D) Provide notification by e-mail, including award number, National Stock Number (NSN), and additive contract Line-item (CLIN) number, and provide copy of award, if not available in Electronic Document Access (EDA), to the Contracting Officer and to:

(1) For awards issued by DLA Land and Maritime

DLA Land and Maritime FAT Monitor, BPI

Post Office (P. O.) box 3990

Columbus, Ohio 43218-3990

(2) For awards issued by DLA Troop Support:

(i) DLA Troop Support

Attention: First Article Testing Monitor

Building 3

700 Robbins Avenue

Philadelphia, Pennsylvania 19111; or

(ii) For acquisitions of Clothing and Textile (C&T) items, Medical and Subsistence items, and Meal, Ready-To-Eat (MRE) and Tray Pack Items, the Contracting Officer, who acts as FAT/Testing Monitor;

(3) For awards issued by DLA Aviation:

DLA Aviation

Test Coordinator Office

8000 Jefferson Davis Highway

Richmond, Virginia 23297-5516

(4) For awards issued by Naval Surface Warfare Center, Carderock Division:

Commanding Officer

Naval Surface Warfare Center

Code 954, Building 77L,

Philadelphia Business Center, Carderock Division

Philadelphia, Pennsylvania 19112-5083

Telephone: (215) 897-1146

(5) For awards issued by Naval Sea Systems Command, Washington Navy Yard:

Commander

Naval Sea Systems Command, Sea 05M3

1333 ISAAC Hull Avenue, SE Stop 5160

Washington Navy Yard, District of Columbia (DC) 20376-5160

Telephone: (202) 781-3729

(iv) Submit the First Article Test Report to the Government activity specified in the contract within the number of calendar days from date of contract (or date of first delivery order, for indefinite delivery contracts) specified in the contract; accompanied by –

(A) Department of Defense (DD) Form 250, Material Inspection and Receiving Report, signed by the QAR and indicating Contract Quality Assurance was accomplished prior to signing the DD Form 250; and

(B) Contractor's certification that the same processes and facilities used to manufacture the first article units will be used to manufacture the production units; and

(4) Pay all costs incurred for transportation of first article samples and test reports under this contract; and, if applicable, any costs of manufacturing and re-testing additional first articles, and administrative costs to the Government for re-procurement.

(b) The Contractor shall enter an offered price in the CLIN for "Contractor First Article Test (FAT) (including test report)" that includes all costs associated with the production and testing of the first articles and the preparation of the First Article Test Report. Offers that do not cite a separate price for the "Contractor First Article Test (FAT) (including test report)" CLIN, or do not specify there is a separate charge for the "Contractor First Article Test (FAT) (including test report)" shall be evaluated under the presumption that there is no separate charge for the production and testing of the first articles and the preparation of the First Article Test Report.

#### **DLAD 52.209-9019 REQUESTS FOR WAIVER OF FIRST ARTICLE TESTING REQUIREMENTS (SEP 2008)**

(a) The Government reserves the right to waive the first article testing requirement when all the following criteria are met [Offeror shall insert information in space provided below, attach documentation to offer, or provide under separate cover to Contracting Officer.]

(1)(i) Source has manufactured the product within the last five (5) years; or

(ii) Identical or similar supplies were previously furnished by the Offeror within the past three (3) years and approved by the Government:

(A) Contract Number(s):

Date(s):

Issuing Government Agency or Agencies:

(B) Item previously furnished, identified by part number, type, model number, etc.):

(C) Engineering control document/change number of item previously furnished:

(2) There have been no changes to manufacturing processes, tooling, or locations;

(3) There have been no changes to manufacturing data (e.g., drawing revisions that change materials, dimensions, processes, inspection or testing requirements; or subcontractors used to manufacture the items successfully in the past);

(4) There has been no adverse quality history for the material manufactured in the last three (3) years; and

(5) Item supplied will be of same design and manufactured by same method at same facilities as item previously approved.

(b) Alternative prices. Offerors who ask to be considered for a waiver of the first article testing requirement may provide alternative offered prices. [Offeror shall insert information in space provided below, attach documentation to offer, or provide under separate cover to Contracting Officer.] An alternative offered price will not be a factor in evaluation for award, unless the Government determines to waive the first article testing requirement for the prospective Contractor involved. If no alternative prices are offered, evaluation shall be based on pricing as shown elsewhere in the offer.

Alternative Prices Offered If First Article Testing Requirement Is Waived:

Item Number:

Price:

**DLAD 52.209-9019 REQUESTS FOR WAIVER OF FIRST ARTICLE TESTING REQUIREMENTS (SEP 2008) ALT I (SEP 2008)**

**FAR 52.209-3 FIRST ARTICLE APPROVAL – CONTRACTOR TESTING (SEP 1989) ALT (JAN 1997)**

**DLAD 52.246-9019 MATERIAL AND INSPECTION REPORT (APR 2008)**

**DLAD 252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2008)**

**DLAD 52.246-9020 DISTRIBUTION OF MATERIAL INSPECTION AND RECEIVING REPORT (APR 2008)**

**DLAD 52.246-9008 INSPECTION AND ACCEPTANCE AT ORIGIN (NOV 2011)**

**FAR 52.246-2 – INSPECTION OF SUPPLIES FIXED PRICE (Aug. 1996)**

**DFAR 252.209-7010 CRITICAL SAFETY ITEMS (AUG 2011)**

*(a) Definitions.*

“Aviation critical safety item” means a part, an assembly, installation equipment, launch equipment, recovery equipment, or support equipment for an aircraft or aviation weapon system if the part, assembly, or equipment contains a characteristic any failure, malfunction, or absence of which could cause—

(i) A catastrophic or critical failure resulting in the loss of, or serious damage to, the aircraft or weapon system;

(ii) An unacceptable risk of personal injury or loss of life; or

(iii) An uncommanded engine shutdown that jeopardizes safety.

“Design control activity” means—

(i) With respect to an aviation critical safety item, the systems command of a military department that is specifically responsible for ensuring the airworthiness of an aviation system or equipment, in which an aviation critical safety item is to be used; and

(ii) With respect to a ship critical safety item, the systems command of a military department that is specifically responsible for ensuring the seaworthiness of a ship or ship equipment, in which a ship critical safety item is to be used.

“Ship critical safety item” means any ship part, assembly, or support equipment containing a characteristic, the failure, malfunction, or absence of which could cause—

(i) A catastrophic or critical failure resulting in loss of, or serious damage to, the ship; or

(ii) An unacceptable risk of personal injury or loss of life.

(b) *Identification of critical safety items.* One or more of the items being procured under this contract is an aviation or ship critical safety item. The following items have been designated aviation critical safety items or ship critical safety items by the designated design control activity:

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**DLAD 52.211-9005 CONDITIONS FOR EVALUATION AND ACCEPTANCE OF OFFERS FOR CRITICAL SAFETY ITEMS (NOV 2011)**

**DLAD 52.211-9006 CHANGES IN CONTRACTOR STATUS, ITEM ACQUIRED, AND/OR MANUFACTURING PROCESS/FACILITY -- CRITICAL SAFETY ITEMS (JUL 2002)**

**DLAD 52.211-9007 WITHHOLDING OF MATERIEL REVIEW BOARD (MRB) AUTHORITY - CRITICAL SAFETY ITEMS (NOV 2011)**

**DLAD 52.246-9086 PRODUCTION LOT TESTING (PLT) – CONTRACTOR (JUL 2011)**

(a) For the lots/items identified in this contract as requiring “production lot testing (PLT) Contractor (including test report),” the Contractor shall –

(1) Produce the production lot quantity. The Government Quality Assurance Representative (QAR) shall select [Contracting Officer shall insert number of samples identified on DPACS PR Trailer or in Material Master, Classification, Product Assurance tab, Services for Object samples at random from the first production lots produced to determine conformance with technical requirements as stated and/or referenced in the solicitation. In addition, the QAR may also select the same number of samples from any successive lot. If First Article Testing is applicable, production lot testing is to be completed during production but after First Article approval. The QAR will select and inspect the PLT samples, and furnish the Contractor a statement that the PLT samples have been inspected and, if they appear acceptable, that they have been preliminarily determined to comply with the contract requirements, subject to further testing in accordance with this clause. If a PLT sample fails QAR preliminary inspection, the entire production lot quantity produced will be rejected. The QAR shall notify the Contracting Officer of rejection and propose corrective action, if appropriate. Upon receiving DLA concurrence, DCMA will issue a corrective action report (CAR) and have the Contractor resubmit a new production lot quantity. QAR inspection and preliminary approval of the samples is required before the Contractor is authorized to conduct testing pursuant to this clause.

(2) Provide all facilities, equipment and personnel required to perform the testing the PLT samples.

(3) Provide written notice to the Contracting Officer and the QAR of the time and location of the testing at least fourteen (14) calendar days, or as otherwise specified in the contract, prior to the production lot testing so the Government may witness the tests. Testing is to be witnessed by the cognizant QAR.

(4) Prepare and disseminate the PLT Report as follows:

(i) Mark the test report, “Production Lot Test Report – Contract Number [Contractor insert] and Lot/Item Number [Contractor insert].”

(ii) Present the PLT report to the QAR for review. The QAR will include a report of the QAR’s conclusions and recommendations along with the Contractor test report. The Contractor shall forward two (2) copies of the PLT Report and QAR report to the Contracting Officer.

(iii) Include the following with all shipments of PLT Reports (electronic media preferred; format should be compatible with Government/industry software, e.g., Adobe PDF.):

(A) The statement of inspection and DD Form 250, signed by the QAR;

(B) Copy of the contract/order;

(C) Copies of test reports, showing actual results and tolerances specified in the technical data package;

(D) Material and process certifications;

(E) Process operations and inspection method sheets;

(F) Copies of drawings used to manufacture the PLT sample (properly marked by the Contractor if it desires to restrict from public (properly marked by Contractor if it desires to restrict from public disclosure and/or from Government use other than for evaluation, to the extent consistent with the Government’s data rights under this contract); and

(G) Documents required under a contract deliverables requirements list, if applicable.

(iv) Submit the PLT report and QAR report to the Government activity specified in the contract in sufficient time prior to the delivery date of the production quantity to allow for at least a **25 calendar day period** for review of the PLT report, and for the Contracting Officer to provide written notification of approval/disapproval to the Contractor.

(5) Pay all costs incurred for transportation of PLT and QAR reports under this contract and all costs of manufacturing and retesting additional PLT samples and production quantities, without additional Government liability.

(b) The Contractor may either:

(1) Enter an offered price in the PLT CLIN for PLT and the preparation cost of the PLT report and, if applicable, the costs of any additional testing not normally required for production; or

(2) Not separately price that PLT and preparation of the PLT report and instead include costs relating to PLT and preparation of the PLT Report in its pricing for the production lot CLIN. If the Contractor does not submit a separate price for the PLT CLIN, the Government shall not be liable to the Contractor for any costs relating to PLT and preparation of the PLT report except to the extent these are included in the production lot CLIN price.

(c) The Contractor shall include the approved PLT samples with the shipment of the production articles of the same lot, and the Government will pay for the samples under the applicable production lot CLIN. The Government has no liability to the Contractor for disapproved PLT samples.

**DLAD 52.246-9086 PRODUCTION LOT TESTING – CONTRACTOR - Alternate I (JUL 2011)**

As prescribed in 46.392(b)(2)(ii), insert the following paragraph (a) in addition to paragraphs (a)-(c) of the basic clause, and renumber paragraphs (a)-(c) of the basic clause as (b)-(d), respectively:

(a)(1) Notice to Contractor: The Defense Contract Management Agency (DCMA) Administrative Contracting Officer (ACO) is delegated (in accordance with FAR 42.202(c)) the authority to approve/disapprove the Production Lot Test (PLT) Report submitted in accordance with the requirements in this contract. Any reference to the Contracting Officer as it relates to submission of and approval/disapproval of the PLT Report shall be deemed to include the DCMA ACO.

(2) Notice to ACO: The DCMA ACO shall forward a copy of the PLT report and the DCMA ACO letter of approval/disapproval to the Contract Administrator (see “issued by” block on page 1 of the award document).

**FAR 52.246-11 -- Higher-Level Contract Quality Requirement (Feb 1999)**

The Contractor shall comply with the higher-level quality standard selected below. [If more than one standard is listed, the offeror shall indicate its selection by checking the appropriate block.]

	Title	Number	Date	Tailoring
	<b>MIL-I-45208</b>	<b>or</b>		
	<b>ISO 9000</b>	<b>Equivalent -</b>	<b>See CSI QAP</b>	

**DLAD 52.246-9001 MANUFACTURING PROCESS CONTROLS AND IN-PROCESS INSPECTIONS (NOV 2011)**

This clause supplements process control guidance of the International Organization for Standardization (ISO) / American National Standards Institute (ANSI)/American Society for Quality (ASQ) 9000 Series standard, or equivalent standards with process controls, and is applicable when the contract requires a higher-level quality system in accordance with Federal Acquisition Regulation (FAR) 46.202-4. The Contractor shall:

(a) Ensure that all manufacturing operations are carried out under controlled conditions which will adequately assure that product characteristics and criteria specified by contract are achieved and maintained in the produced item. Controlled conditions include documented process control and in-process inspection procedures, adequate methods for identifying and handling material, and adequate production equipment and working environments.

(b) As a minimum, perform inspections, examinations and/or tests, during manufacturing on those product characteristics which cannot be inspected at a later stage, and ensure that process controls are implemented and effective.

(1) Manufacturing processes shall be evaluated to determine which process characteristics have an effect on the quality of the produced item. These manufacturing processes shall be identified and requirements for their control shall be specified in written process control procedures.

(2) When in-process inspection of material is not practical, control by monitoring processing methods, equipment, and personnel shall be provided. Both in-process inspection and process monitoring shall be provided when control is inadequate without both.

(3) Prompt corrective action shall be taken when noncompliance or out of control conditions occur.

(c) Clearly identify each in-process inspection and process control point at appropriate locations in the manufacturing operation.

(d) Prepare clear, complete, and current written procedures for:

(1) Each in-process inspection. Identify: the type, frequency, and amount (sampling plan/100 percent) of inspection; product characteristics to be inspected; criteria for approving and rejecting product; the record for documenting inspection results; and the method for identifying the inspection status of approved and rejected product.

(2) Each process control. Identify the criteria, frequency, and records used verifying control of the process.

(3) Assessing the adequacy of in-process inspections and process controls. The Contractor's quality organization shall assure by periodic surveillance that procedures are followed and are effective. Records of this surveillance will be maintained.

(e) Make the documented inspection system available for review by the Government Quality Assurance Representative prior to the initiation of production and throughout the life of the contract. The Government is under no obligation to perform verification inspection or to accept product produced under the contract until the Government has received acceptable written procedures, and has been afforded the opportunity to evaluate the inspection system. Acceptance of the Contractor's inspection system by the Government does not bind the Government to accept any nonconforming supplies that may be produced by the Contractor. Periodic evaluations of the system may be made by the Government throughout the life of the contract.

**QAP -CSI 011014162**  
**DTD 12/14/11**

**DEFENSE SUPPLY CENTER PHILADELPHIA**  
**QUALITY ASSURANCE PROVISION**

**NSN 5306011014162**

**P/N SS5021-10-34A**

This Quality Assurance Provision (**QAP**) is to be used in conjunction  
With any orders/contracts for the cited **NSN**

## MANDATORY QUALITY ASSURANCE PROVISIONS

PIN: SS5021-10-34A

NSN: 5306-01-101-4162

NOMEN: Machine Bolt

CRITICALITY (CSI/CAI/Non-critical): Critical Safety Item

DATE OF DETERMINATION: 15 June 2011

### APPLICABLE CLAUSES:

I. Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with Sikorsky drawing number SS5021, or latest revision level and parts list revision and all details and specifications referenced therein.

### II. Quality/Inspection Requirements

- A. MIL-I-45208 applies or ISO 9000 equivalent.
- B. First Article Testing applies. (Contractor Testing)
- C. Production Lot Testing applies. (Contractor Testing)
- D. Mandatory Inspection applies.

### III. Supplemental Requirements

A. Additionally, paragraphs 3.1-3.5, 5.1-5.2, and 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent applies.

B. The contractor shall include on the detailed process/operation sheets developed, a tracking method that is traceable to the contract, all manufacturing sources performing processes/operations both those performed in-house and those outsourced and a tracking method that is traceable to the contract. These sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the ESA located at the MMHISST via the PCO. Depending upon the proposed change, a new First Article Inspection may be required.

C. The Inspection Method Sheets (IMS) which list the characteristics of each item produced under the contract shall have traceability to the raw material, casting, or forging. The tracking method used on the IMS shall have traceability to the contract. In addition, the contractor is responsible for providing completed. MS showing the actual dimensions taken for all critical characteristics.

**MANDATORY QUALITY ASSURANCE PROVISIONS continued**

D. Markings shall be I/A/W MIL-STD-130 latest revision, and method and location shall be //A/W drawing.

**IV. Mandatory Inspection Requirements**

During production, mandatory inspection is required to be accomplished by the contractor as follows:

A. Level of inspection (LOI).

1) Critical Characteristics: 100% inspection shall apply

2) Major and Minor Characteristics- LOI shall be I/A/W sampling plan acceptable to the QAR

B. Critical Characteristics SS502I:

1) Dimension D, 0.624/0.620 Drawing Zone: Table I, Sheet 1

2) Material: titanium alloy 6AL-4V per AMS 6930 Drawing Zone: Sheet 2

C. Major and Minor Characteristics

1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

V. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

FIRST ARTICLE APPROVAL (CONTRACTOR TESTING)

PIN: SS5021-10-34A

NSN: 5306-01-101-4162

NOMEN: Machine Bolt

CRITICALITY (CSI/CAI/Non-critical): Critical Safety Item

DATE OF DETERMINATION: 15 June 2011

A. The contractor shall test 2 unit(s) of lot/item 0001 as specified in this contract. At least 45 days before beginning of First Article Tests, the contractor shall notify the contracting officer, in writing, of the time and location of the testing so that the Government may witness the tests.

B. The contractor shall submit the First Article Test Report within 60 days from the date of this contract to:

Commanding Officer  
Fleet Readiness Center East  
First Article Test-Sta. 31B  
Attn: AIR-4.1.9 (252) 464-7748  
Bldg. 154B Cleveland Drive  
MCAS Cherry Point, NC 28533

Marked "FIRST ARTICLE TEST REPORT: Contract No., Lot/Item No.". Within 30 calendar days after the government receives the test report, the contracting officer shall notify the contractor, in writing, of the conditional approval, approval, or disapproval of the First Article. The notice of conditional approval or approval shall not relieve the contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the contractor. A notice of disapproval shall cite reasons for the disapproval.

C. If the First Article is disapproved, the contractor, upon government request, shall repeat any or all First Article Tests. After each request for additional tests, the contractor shall make any necessary changes, modifications, or repairs to the First Article or select another First Article for testing. All costs related to these tests are to be borne by the contractor, including any and all costs for additional tests following disapproval. The contractor shall then conduct the tests and deliver another report to the Government under the terms and conditions and within the time specified in paragraph B above. The government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

FIRST ARTICLE APPROVAL (CONTRACTOR TESTING)

D. If the contractor fails to deliver any First Article report on time, or the contracting officer disapproves any First Article, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

E. Unless otherwise provided in the contract, and if the approved First Article is not consumed or destroyed in testing, the contractor may deliver the approved First Article as part of the contract quantity if it meets all contract requirements for acceptance.

F. If the government does not act within the time specified in paragraph B or C above, the contracting officer shall, upon timely written request from the contractor, equitably adjust under the changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

G. Before First Article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the contractor. Before First Article approval, the costs thereof shall not be allocable to this contract for (1) progress payments, or (2) termination settlements if the contract is terminated for the convenience of the Government.

H. The contractor shall provide both the First Article and the production quantity at the same facility and shall submit a certification to this effect with each First Article.

FIRST ARTICLE TESTS REQUIRED (CONTRACTOR TESTING)

PIN: SS5021-10-34A

NSN: 5306-01-101-4162

NOMEN: Machine Bolt

CRITICALITY (CSI/CAI/Non-critical): Critical Safety Item

DATE OF DETERMINATION: 15 June 2011

A U. S. Government Team consisting of Quality Assurance, Industrial Specialists, and Engineering personnel from the MMHISST, and AIR-4.1.9 Cherry Point, NC shall witness the testing. The Cherry Point POC is:

Dave Bilger AIR-4.1.9  
Building 154B Cleveland Drive  
Cheny Point, NC 28533  
(252) 464-5484  
DSN 451-5484

The BDE activity will not make any arrangements for inspection of the sample until a letter from the DCMA has been sent to the PCO and NAVICP advising that the contractor has inspected the sample and is 100% ready for inspection by the BDE activity and NAVICP. This letter will be forwarded to the BDE activity. The DCMA QAR shall be present during the inspection team's visit to the manufacturing site to perform the first article inspection.

I. First Article Inspection test Criteria. The tests to be performed under the First Article approval clause of the contract are:

- A. Dimensional Check (100%)
- B. Form/Fit/Function
- C. Compliance with Sikorsky drawing SS5021 and specifications referenced therein.
- D. Review documentation as provided under DD 1423 requirements.

In addition to the above tests, the First Article(s) to be delivered hereunder shall also be subjected to those tests, which will demonstrate whether the article(s) comply with contract requirements.

II. Special Instructions. The contractor shall be responsible for providing necessary parts and repair of First Article Sample(s) during testing.

III. Notification of Testing. The contractor shall notify the PCO, ACO and QAR prior to conducting the First Article Tests so that the Government may witness such testing.

IV. Test Report. The test report shall be in accordance with MIL-HDBK-831 or equivalent, and shall be submitted (2) copies via the Cognizant CAO/QAR to DLA and (1) copy to the address and POC listed below:

FIRST ARTICLE TESTS REQUIRED (CONTRACTOR TESTING)

Commanding Officer  
Fleet Readiness Center East  
First Article Test-Sta. 31B  
Attn: AIR-4.1.9 (252) 464-7748  
Bldg. 154B Cleveland Drive  
MCAS Cherry Point, NC 28533

The CAO/QAR shall provide comments on Form DD 1222 (2 copies) which shall be forwarded with the test report. The Cognizant Engineering Authority (MMHISST) shall issue a report accepting or rejecting the first article. Final approval of the test report is the PCO's responsibility. Upon notification of approval/conditional approval, the ACO shall execute the DD 250 to indicate Government acceptance of the test report.

V. Disposition of First Article Sample(s)

A. Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to ready for issue (RFI) condition and provided the sample(s) have inspection approval of the cognizant QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been provided and are ready for shipment.

B. Sample(s) are to be unpainted. Corrosive areas are to be coated with a light preservative.

PRODUCTION LOT APPROVAL (CONTRACTOR TESTING)

P/N: SS5021-10-34A

NSN: 5306-01-101-4162

NOMEN: Machine Bolt

CRITICALITY (CSI/CAI/Non-critical): Critical Safety Item

DATE OF DETERMINATION: 15 June 2011

A. The Production Lot Samples shall be selected at random by the cognizant government inspector. The samples shall be identified by contract number, lot number and be clearly marked as follows:

PRODUCTION LOT TEST SAMPLES

NOT RFI MATERIAL

DO NOT TAKE UP IN STOCK

B. Such samples shall be tested in sufficient time prior to the delivery date of the production articles to allow a 10 day period for testing and written notification by the contracting officer of the approval or disapproval of the samples. Within 15 days of the receipt of the samples, the CAO shall notify the contracting officer, DSCR, of the results of the testing, together with a recommendation for approval or disapproval.

C. In the event the contractor does not receive written notification of approval or disapproval of the samples for a particular production lot within 25 days from their submission for testing, the contract delivery schedule shall be equitably adjusted as necessary.

D. If the contractor fails to deliver any Production Lot Samples for testing within the time or times specified, or if the contracting officer disapproves any Production Lot Samples, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract, and this contract shall be subject to termination for default.

E. In order for a Production Lot to be acceptable, all samples representative of the lot must pass all the contract requirements. In the event a sample fails to pass such requirements, the lot will be rejected. In such event, the government may, at its option and at no additional cost to the government, (I) terminate all or any portion of this contract for default, (II) require the manufacture of a new Production Lot, or a rework of the rejected Production Lot if the means and procedures proposed by the contractor for rework are acceptable to the Government, or (III) require the submission of additional samples for test. The foregoing procedures shall apply to new or reworked production lots in the same way as they did to the original Production Lot.

F. For each additional sample or each resubmission of a modified sample which the contractor is required to submit for approval hereunder as a result of a failure of a previous sample to conform to the requirements of the specification, the contractor shall pay to the government the costs of reinspection, examination and retesting and the contractor and his sureties (if any) shall be liable for the amount of such costs.

**PRODUCTION LOT APPROVAL (CONTRACTOR TESTING)**

G. Nothing contained in the foregoing provisions of this clause, and no action of the Government in accordance herewith, shall in any way prejudice the right of the Government under the clause of this contract entitled Default.

PRODUCTION LOT TESTING REQUIREMENTS (CONTRACTOR TESTING)

PIN: SS5021-10-34A

NSN: 5306-01-101-4162

NOMEN: Machine Bolt

CRITICALITY (CSII/CAI/Non-critical): Critical Safety Item

DATE OF DETERMINATION: 15 June 2011

The material produced under contract shall be accepted by the cognizant CAO/QAR contingent upon the successful completion of these requirements.

I. Production Lot Test Sampling Requirements

The tests to be performed under the Production Lot approval clause of the contract are:

A. The cognizant CAO/QAR shall select the applicable number of items at random from the production lot per the ANSIIASQC Z1.4 Sampling Procedures and Tables for Inspection by Attributes. In addition the QAR shall select the applicable number of items at random from each successive lot or portion thereof per the ANSI/ASQC Z1.4 Sampling Procedures and Tables for Inspection by Attributes.

B. Production Lot Testing to be completed during production after First Article approval.

II. The tests to be performed under the Production Lot Sample testing provisions of the contract are:

A. Compliance with Sikorsky drawing SS5021 and specifications referenced therein.

B. Dimensional Check

C. Review of documentation as provided under CDRL (DD1423) requirements.

### **PRODUCTION LOT TESTING REQUIREMENTS (CONTRACTOR TESTING)**

In addition to the above tests, the Production Lot Sample(s) to be delivered hereunder shall also be subjected to those tests, which will demonstrate that the sample(s) comply with contract requirements.

#### **III. Testing Location, Cost and Estimated Lead-Time**

- A. All testing to be accomplished at contractor's facility.

Within fifteen days of completion of Production Lot Testing, the CAO/QAR shall prepare and submit two copies of their test report with conclusions and recommendations to the DSCR, the Basic Design Engineer, and the ACO.

#### **IV. Notification of Testing**

The contractor shall provide the PCO, ACO and QAR prior to conducting Production Lot Tests so that the Government may witness such testing.

#### **V. Inspection of Samples**

- A. Upon inspection of Production Lot Sample(s), two (2) copies of the Material Inspection and Receiving (DD Form 250), bearing the QAR's signature and indication of preliminary inspection, shall be forwarded to DSCR with duplicate copies to Engineering Support Activity (ESA), MMHISST Fleet Readiness Center East, Cherry Point and to the designated test facility. The envelope shall be clearly marked. "DO NOT OPEN IN MAILROOM".

- B. Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to Ready for Issue condition and provided the sample(s) have inspection approval of the cognizant CAO/QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.



**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: TOP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as Provisioning, "Configuration 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 5010.12L (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. DoDD 5230.24).
- 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.

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 DO 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 at 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. The 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.



PARA 10.1, 10.2.1, 10.2.2, 10.2.4, 10.5 APPLY

NAVAIRCP 0 1 0

BLOCK3:

AIR-4.9.9

SEPARATE REPORTS SHALL BE PROVIDED FOR THE BELOW LISTED SUBTITLES AND SHALL INCLUDE CERTIFICATIONS THAT ALL VENDORS PERFORMING THESE PROCESSES ARE PRIME (OEM) APPROVED SOURCES. IN THE CASE WHERE OTHER THAN THE OEM'S SPECIFICATIONS ARE TO BE UTILIZED, SEPARATE CERTIFICATIONS ARE REQUIRED.

DCMC/QAR 0 1 0  
DSCR 0 1 0

I. MATERIAL CERTIFICATIONS AND ANALYSIS DOCUMENTATION FOR:

\* Material: titanium alloy 6AL-4V per AMS 6930.

BLOCK 12:

\*UPON SUBMITTAL OF FIRST ARTICLE TESTING

SAMPLE(S) CONTRACTOR SITE: FOR REVIEW

GOVERNMENT SITE: AS

DELIVERABLE BLOCK13:

\*\*UPON SUBMITTAL OF PRODUCTION LOT INSPECTION SAMPLE(S)

CONTRACTOR SITE: FOR

REVIEW GOVERNMENT SITE:

AS DELIVERABLE

15. TOTAL 0 3 0

J. DATE  
16 June 2011

G. PREPARED BY  
Timothy L Bennett

H. DATE  
16 June 2011

I. APPROVED BY  
Timothy L Bennett