

14153 QAP-CSI000110229
DTD 19 MAY 09

**DEFENSE SUPPLY CENTER PHILADELPHIA
QUALITY ASSURANCE PROVISION**

**NSN: 5315-00-011-0229
P/N 6-40675-1**

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

FIRST ARTICLE REQUIREMENTS <i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>		1. DATE 27 MAY 2009
2. PR/MIPR NUMBER	3. CAGE / REFERENCE NUMBER 76823 / 6-40675-1	4. NSN 5315000110229LE
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>1</u> UNIT(S) OF LOT/ITEM <u>EA</u> AND WILL BE: <input type="checkbox"/> PART OF PRODUCTION QUANTITY <input checked="" type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY		
6. ARTICLES <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD		7. LONG LEAD TIME ITEMS <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED <i>(See FAR 52.209-3 OR -4, alternate II)</i>
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <i>(See FAR 52.209-3 OR -4 Alternate I)</i> <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED "The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."		
9. TEST/INSPECTION REQUIREMENTS A. <input type="checkbox"/> CONTRACTOR TESTING <input checked="" type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet are <u>Conformance with all drawings, specifications, and all other documents in the technical data package.</u> B. The detailed technical requirements for First Article approval tests are contained in <u>Drawings, specifications, and all other documents in the technical data package.</u> <i>(Cite Spec and Para number)</i> C. <input type="checkbox"/> TEST PLAN REQUIRED Number of days for government approval/disapproval _____ days. D. Contractor's notification to ACO and <u>N/A</u> <i>(Requesting Activity)</i> of test time and location due _____ days prior to start of testing. E. <input type="checkbox"/> TEST REPORT REQUIRED (1) Forwarded to _____ _____ _____ (2) Government written notice of approval/disapproval due _____ days after receipt of contractor's report. F. FIRST ARTICLE DELIVERY (1) Due within <u>365</u> calendar days from date contract. (2) Notify <u>15</u> calendar days prior to shipment. (3) Delivered to government at <u>309 MXSG/MXRILV</u> <u>ATTN: Non Acct Bay, Transportation Officer</u> <u>Bldg. 849</u> <u>Hill AFB, UT 84056</u> <i>(Set Forth Consignee and Address)</i> (4) Government written notice of approval/disapproval within <u>90</u> days after receipt of first article package.		

G. Estimated cost of government testing/inspection evaluation.

\$500.0000

10. DISPOSITION OF FIRST ARTICLES

Approved First Articles will be forwarded to
supply

_____ (insert quantity) First Articles will be expended in testing. Residual components of disapproved First Articles

will be returned to the contractor

will be retained by _____
pending disposition instructions from the contractor.

First Articles will be installed on aircraft/equipment to determine proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity.

Disapproved First Articles

will be returned to the contractor

will be retained by 309 MXSG
pending disposition instructions from the contractor.

On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)).

- a. Approved First Articles will be returned to the contractor for shipment with production item.
- b. Disposition of disapproved First Articles will remain the same as marked above.

Other Disposition:

11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL

a. Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the
 Government, DoD, Air Force.

b. Offerors currently in production of the same or similar article for a Government, DoD,
 Air Force contract and who have received First Article approval under the existing contract.

c. Offerors who have previously furnished production quantities of the same or similar articles to the
 Government, DoD,
 Air Force, provided articles thus furnished, have exhibited satisfactory performance in service in the opinion of the Air Force.

d. Provided not more than 36 months have elapsed since completion of the contract.

e. First Article testing will not be waived.

f. See Remarks in block 12 below.

NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (That is, both with and without requirement for first article approval) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

A. PROCURING OFFICE B. CONTRACT NUMBER C. DATE OF CONTRACT D. SPECIFICATION NUMBER AND REVISION

12. REMARKS

NAME Lundell, Brad A DATE 27 MAY 2009
Cognizant Engineering Organization:
Name:
Organization: 417 SCMS/GUEB
Phone:

The critical nature of the part requires a First Article from a contractor who has never produced the item or has not produced the item for an extended period of time. The Government reserves the right to assure all materials and process certifications are correct and to test the item to any or all drawings, specifications and other contract requirements. A vendor will normally be allowed only one attempt to receive full or conditional approval. Failure to receive approval of First Article inspection will, at the discretion of the Government, result in termination of the contract. The contractor shall produce a report on the subject item with all dimensions and tolerances specified on the manufacturing data listed in one column and the actual corresponding reading obtained from the inspection of the part listed in another column. Materials utilized in the manufacture of First Article items shall be identified and certified along with a copy of material purchase requests as conforming to applicable data requirements. Material processing, including finish requirements-plating, casting, forging, heat treatment, welding, inspecting, anodize, painting, etc-utilized in the manufacture of First Article items shall be identified and certified along with a copy of material purchase requests as conforming to applicable data requirements. A copy of the purchase order certifying the process accomplished at other than the contractor's facility shall be included.

First Article waiver approvals as well as similar item determination are solely the responsibility of the Cognizant Engineering Organization.

The Cognizant Engineering Organization shall determine First Article testing requirements based on component criticality and complexity, regardless of PR value.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR APPROVING TEST *(Name, Organization, Phone)*

Brad A Lundell
417 SCMS
801-775-6384
775-6384

14. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING TEST *(Name, Organization, Phone)*

REV:	ENGINEERING DATA REQUIREMENTS (ATTACHMENT "A")	
NOTE: MILITARY SPECIFICATIONS / STANDARDS WILL NOT BE FURNISHED IN THE BID SET.		
1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF:		
PIN-BELLCRANK-MLG		F-5/T38
2. PART NUMBER:	3. NATIONAL STOCK NUMBER:	
6-40675-1	5315-00-011-0229LE	

4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED.

5. 417 SCMS/GUEB RETAINS ALL RIGHTS TO REVIEW AND ACCEPT MATERIAL REVIEW BOARD (MRB) DISPOSITIONS PRIOR TO SHIPMENT OF DISCREPANT ITEM. ALL DEVIATIONS, MINOR AND MAJOR, FROM THE ENGINEERING DRAWING PACKAGE SHALL BE SUBMITTED FOR MRB DISPOSITION.

6. PRIOR TO CONTRACT AWARD, THE CONTRACTOR SHALL CERTIFY TO THE GOVERNMENT IN WRITING FULL COMPLIANCE WITH MANUALS, SPECIFICATIONS AND STANDARDS CALLED OUT AND REQUIRED FOR THE MANUFACTURE OF THIS CONTRACTED LANDING GEAR COMPONENT/ASSEMBLY. CONTRACTOR IS RESPONSIBLE TO COMPLETELY SEARCH THESE MANUALS, SPECIFICATIONS AND STANDARDS AND FULLY UNDERSTAND THE REQUIREMENTS NECESSARY TO MANUFACTURE LANDING GEAR COMPONENTS. ANY QUESTIONS CAN BE FORWARDED TO 417 SCMS/GUEB.

7. DIMENSIONING AND TOLERANCING PER ASME Y14.5 IN LIEU OF ANSI Y14.5 AND 3-40500.

8. FOR MATERIAL, USE 4340 STEEL PER EITHER SAE AMS 6415 OR SAE AMS 6484 IN LIEU OF NAI-1259.

9. MARKING AND IDENTIFICATION PER MIL-STD-130 IN LIEU OF IM-8.

10. PERFORM FLUORESCENT PENETRANT INSPECTION PER ASTM E 1417 TYPE I, METHOD B, C OR D, LEVEL 3 OR 4 IN LIEU OF IT-32.1 WITH THE FOLLOWING ACCEPTANCE/REJECTION CRITERIA: NO RELEVANT DEFECTS ALLOWED. THE INTENT OF NO RELEVANT DEFECTS ALLOWED IS THAT THE INSPECTION IS CONDUCTED AT THE REQUIRED SENSITIVITY LEVEL AND THERE SHALL BE NO RELEVANT INDICATIONS ALLOWED. THE INSPECTOR PERFORMING THE INSPECTION SHALL BE CERTIFIED TO LEVEL II WITH THE INSPECTION PROCEDURE DEVELOPED BY A LEVEL III AS SPECIFIED IN AIA/NAS NAS 410.

11. HEAT TREAT/DECARBURIZATION PER SAE AMS-H-6875 IN LIEU OF HT-15 AND MP-175.

12. SHOT PEEN TO MEET ALL DRAWING REQUIREMENTS PER AMS 2430 IN LIEU OF MA-57.

13. CHROMIUM PLATE PER MIL-STD-1501 TYPE I OR II CLASS 2 IN LIEU OF FP-6.1.

14. APPLY ONE COAT EPOXY WATERBORNE PRIMER PER MIL-PRF-85582 TYPE I CLASS C2 OR N. ALTERNATE ONE COAT OF EPOXY POLYAMIDE PRIMER PER MIL-PRF-23377 TYPE I CLASS C2 OR N IN LIEU OF TT-P-664.

15. THE FOLLOWING IS NOT REQUIRED FOR MANUFACTURE: NFS-76.

PREPARED BY: COLIN ALLEN	OFFICE SYMBOL: 417 SCMS/GUEB	DATE: 28 APRIL 2009
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