14153 **QAP-CSI003859192**
DTD 17 FEB 09

DEFENSE SUPPLY CENTER PHILADELPHIA
QUALITY ASSURANCE PROVISION

NSN: 5306-00-385-9192
P/N 68A410615-2001

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

FIRST ARTICLE REQUIREMENTS

(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)

1. DATE
10 MAR 2009

2. PR/MIPR NUMBER	3. CAGE / REFERENCE NUMBER	4. NSN
	76301 / 68A410615-2001	5306003859192LE

5. FIRST ARTICLE QUANTITY

THE FIRST ARTICLE IS 1 UNIT(S) OF LOT/ITEM EA

AND WILL BE: ☐ PART OF PRODUCTION QUANTITY ☒ IN ADDITION TO PRODUCTION QUANTITY

6. ARTICLES

☐ WILL ☒ WILL NOT SERVE AS A MANUFACTURING STANDARD

7. LONG LEAD TIME ITEMS

☒ REQUIRED ☐ NOT REQUIRED

(See FAR 52.209-3 OR -4, alternate II)

8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES *(See FAR 52.209-3 OR -4 Alternate I)*

☒ REQUIRED ☐ 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. ☐ CONTRACTOR TESTING

☒ GOVERNMENT TESTING

Performance or other characteristics which the First Articles must meet are

conformance with all dwgs and specs in the contract.

B. The detailed technical requirements for First Article approval tests are contained in

all the drawings and specifications in the contract.

(Cite Spec and Para number)

C. ☐ TEST PLAN REQUIRED

Number of days for government approval/disapproval _____ days.

D. Contractor's notification to ACO and

OO-ALC/MADLV

(Requesting Activity)

of test time and location due 30 days prior to start of testing.

E. ☐ 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 365 calendar days from date contract.

(2) Notify 15 calendar days prior to shipment.

(3) Delivered to government at

OO-ALC/MXRILV

ATTN:Non Acct Bay, Trans Officer, Bldg 849

Hill AFB UT 84056

(Set Forth Consignee and Address)

(4) Governement written notice of approval/disapproval within 120 days after receipt of first article package.

G. Estimated cost of government testing/inspection evaluation.

$800.0000

10. DISPOSITION OF FIRST ARTICLES

[X] 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.

[X] Disapproved First Articles

[ ] will be returned to the contractor

[X] will be retained by OO-ALC/MADLV

pending disposition instructions from the contractor.

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

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

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

d. [X] Provided not more than _____ months have elapsed since completion of the contract.

e. [ ] First Article testing will not be waived.

f. [X] 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 Blommer, Michael J DATE 10 MAR 2009

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. Mike Blommer F-15 Landing Gear Engineer 801/777-6338	
13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR APPROVING TEST *(Name, Organization, Phone)* Michael J Blommer 417 SCMS 801-777-6338 777-6338	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:
BOLT, SWIVEL APEX , MAIN LANDING GEAR (F-15)

2. PART NUMBER:	3. NATIONAL STOCK NUMBER:
68A410615-2001	5306-00-385-9192SX

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. GENERAL REQUIREMENTS:

5.1. 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.

5.2. 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.

5.3 HEAT TREAT PER SAE AMS-H-6875 IN LIEU OF PS15033.

5.4 ON PARTS HEAT TREATED 180 KSI AND ABOVE, ANY SURFACES GROUND/MACHINED AFTER HEAT TREAT WILL BE INSPECTED FOR BURNS PER MIL-STD-867. NO MORE THAN THREE SUCCESSIVE INSPECTIONS SHALL BE PERFORMED WITHOUT A WAIVER FROM 515 CBSS/GBEA. GRINDING WILL BE PER MIL-STD-866.

5.5 STRESS RELIEVE PER SAE AMS 2759 AND SAE AMS 2759/11 AFTER GRINDING IN LIEU OF PS15063.

5.6 PERFORM MAGNETIC PARTICLE INSPECTION PER ASTM E 1444 IN LIEU OF PS21201. USE FLUORESCENT TYPE, FULL WAVE DIRECT CURRENT (FWDC), AND WET CONTINUOUS METHOD 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 INSPECTIONS SHALL BE CERTIFIED TO LEVEL II WITH THE INSPECTION PROCEDURE DEVELOPED BY A LEVEL III AS SPECIFIED IN AIA/NAS NAS 410.

5.7 BAG AND TAG PER MIL-STD-130 IN LIEU OF PS16001.

5.8 FINISH ASSEMBLY PER THE FOLLOWING IN LIEU OF NOTE 12. APPLY IN THE LOCATIONS NOTED ON DRAWING:

A. 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.

B. APPLY TWO TOPCOATS POLYURETHANE PER MIL-PRF-85285 TYPE I CLASS H COLOR NUMBER 17925 (WHITE) PER FED-STD-595.

5.9 THREADS PER SAE AMS 8879 IN LIEU OF MIL-S-8879.

5.10 VACUUM CADMIUM PLATE, TYPE II, CLASS 2 PER SAE AMS-C-8837 IN LIEU OF PS13145.

5.11 CPC1849A100, 40M114 AND 68A900000 NOT REQUIRED FOR MANUFACTURE AND WILL NOT BE PROVIDED.

5.12 MATERIAL: 4340 PER SAE AMS 6415 OR SAE AMS 6484 IN LIEU OF MIL-S-5000.

PREPARED BY:	OFFICE SYMBOL:	DATE:
MIKE BLOMMER	417 SCMS/GUEB	20090310