

**FIRST ARTICLE REQUIREMENTS**

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

1. DATE  
20021018

2. P/R/MIPR NUMBER

3. PART NUMBER  
4F51630-101C

4. NSN  
5342-00-404-1850

**5. FIRST ARTICLE QUANTITY**

THE FIRST ARTICLE IS 2 UNIT(S) OF LOT/ITEM \_\_\_\_\_

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

**6. ARTICLES**

WILL  WILL NOT SERVE AS MANUFACTURING STANDARD

**7. LONG LEAD TIME ITEMS**

REQUIRED  NOT REQUIRED

(See FAR 52.208-3 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 in 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 DATA PACKAGE/CONTRACT

B. The detailed technical requirements for First Article approval tests are contained in WITHIN THE DATA PACKAGE/CONTRACT

(Cite Spec and Para number)

C.  TEST PLAN REQUIRED

- (1) DD Form 1423 ELIN \_\_\_\_\_
- (2) Delivery due \_\_\_\_\_ days from date of contract.
- (3) Number of days for government approval/disapproval: \_\_\_\_\_ days.

D. Contractor's notification to ACO and \_\_\_\_\_ (Requesting Activity) of test time and location due \_\_\_\_\_ days prior to start of testing.

E.  TEST REPORT REQUIRED

- (1) DD Form 1423 ELIN \_\_\_\_\_
- (2) Due \_\_\_\_\_ calendar days from date of contract.
- (3) Forwarded to \_\_\_\_\_
- 4) Government written notice of approval/disapproval due \_\_\_\_\_ days after receipt of contractor's report.

**F. FIRST ARTICLE DELIVERY:**

- (1) Due within 110 calendar days from date contract.
- (2) Notify 15 calendar days prior to shipment.
- (3) Delivered to government at

DLA Central Receiving/DDWG-ER  
Special Handling, First Article Unit  
455 Byron St, Bldg 376  
Robins AFB, GA 31098-1887

- (4) Government written notice of approval/disapproval within 105 days after receipt of first article package.

G. Estimated cost of government testing/inspection evaluation.  
\$ 2,000

**10. DISPOSITION OF FIRST ARTICLES**

Approved First Articles will be forwarded to USAF SUPPLY

\_\_\_\_\_ (Insert Quantity) first articles will be expended in testing. Residual components of 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 \_\_\_\_\_ 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 48 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**

FIRST ARTICLE JUSTIFICATION, A FIRST ARTICLE TEST/INSPECTION IS REQUIRED DUE TO THE FOLLOWING ITEM CHARACTERISTICS:

- Critical to: Safety / Operations / Mission Application / Use.
- First Competitive Procurement (data unproved)
- Contractor previously furnished item but:
  - a. Has had changes in processes
  - b. Production discontinued for extended period
  - c. Product under previous contract developed problems
- Product described by performance specifications.
- Product associated with complex manufacturing process:
  - a. Forging, Casting, extrusion.
  - b. Close tolerances, Precision machining.
  - c. Bonded Panel.
  - d. Complex Contours requiring loft/mylar data.
  - e. Requires numerical controlled equipment.
- Critical characteristics not verifiable by normal testing.
- Product has Government Industry Data Exchange Program (GIDEP) report against it.
- Initial Production Evaluation (IPE) will not be considered as proof of production capability.
- Accuracy, quality, and/or completeness of technical data
- Other

Contract Distribution: One(1) copy of contract to LAES First Article Manager if applicable.  
 Contract Distribution: One(1) copy of contract to LAE\_ if applicable.

<p><b>13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST</b> (Name, Organization, Phone)</p>	<p><b>14. PR INITIATOR</b> (Name, Organization, Phone)</p>
<p>Ortis Burns, WR-ALC/LAES, DSN 468-6904</p>	

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GENERAL NOTES:

1. ALL GOVERNMENT DOCUMENTS REFERENCED IN THIS DATA PKG ARE STIPULATED IN DOD INDEX OF SPECS AND STANDARDS. COPIES OF SPECS LISTED IN DODISS CAN BE OBTAINED BY WRITING TO THE DEPT OF DEFENSE SINGLE STOCK POINT (DODSSP), 700 ROBBINS AVE, BLDG #4, SEC D, PHILADELPHIA, PA, 19111-5098. TELEPHONE NUMBER FOR SPECIAL ASSISTANCE CUSTOMER SERVICE IS (215) 697-2179, FAX NUMBER (215) 697-1462, WEBSITE, [HTTP://WWW.DODSSP.DAPS.MIL](http://www.dodssp.daps.mil). 2. WHEN A CANCELLED GOVT DOCUMENT IS SUPERSEDED BY ANOTHER DOCUMENT, THE SUPERSEDING DOCUMENT WILL BE IN EFFECT UNLESS OTHERWISE SPECIFIED. IN THE EVENT THERE IS NO SUPERSEDING DOCUMENT, OFFERORS MAY SUBMIT, AT THEIR DISCRETION, ALTERNATIVES TO THE SUPERSEDED OR CANCELLED GOVT DOCUMENTS CITED IN THE TECHNICAL DATA PACKAGE. UNLESS THE ALTERNATIVE IS SPECIFICALLY APPROVED BY THE GOVT, THE SUPERSEDED OR CANCELLED DOCUMENT SHALL REMAIN FULLY APPLICABLE. 3. AS APPLICABLE, ALL CONTRACTOR DOCUMENTS WHICH REFERENCE QUALIFICATION BY THE PRIME ARE CHANGED TO READ "QUALIFICATION BY THE GOVT".

DRAWINGS IDENTIFIED WITH FURNISH CODE "M" ARE PROVIDED HEREIN FOR REFERENCE ONLY. THE SUCCESSFUL BIDDER UPON HIS REQUEST TO THE PROCUREMENT CONTRACTING OFFICE WILL BE FURNISHED A FULL SCALE DRAWING ON ALL STABLE MATERIAL.

THIS DATA PACKAGE CONTAINS THE OUTLINE DIMENSIONS AND PERFORMANCE REQUIREMENTS NECESSARY TO MANUFACTURE THIS ITEM. THE SUCCESSFUL BIDDER MUST HAVE THE ENGINEERING CAPABILITIES NECESSARY TO FABRICATE, TEST, AND FURNISH AN ACCEPTABLE AIR FORCE SPARE WHILE COMPLYING WITH ALL PERFORMANCE SPECIFICATIONS. THE FINISHED PRODUCT(S) MUST MEET FORM, FIT, AND FUNCTION REQUIREMENTS.

THE SUCCESSFUL BIDDER MUST ACQUIRE THE BASIC PART NUMBER FROM THE MANUFACTURER AND SCREEN THE PART IN ORDER TO MEET ALL THE NECESSARY PERFORMANCE REQUIREMENTS OF THIS DATA PACKAGE.

THE CONTRACTOR MUST ADHERE TO SPECIFICATION CONTROL OR SOURCE CONTROL DRAWING(S). THE ITEMS MUST BE PROCURED FROM THE LISTED VENDORS. ANY DEVIATION AND/OR MODIFICATION MUST BE APPROVED BY THE CONTRACTING OFFICER FOR SUBSTITUTION FROM OTHER THAN SUGGESTED/APPROVED SOURCES.

IN AREAS WHERE THE MIL-C-83286 URETHANE TOP COAT VIOLATES ENVIRONMENTAL CONTROL LAWS, MIL-C-85285, TYPE I, POLYURETHANE TOP COAT MAY BE USED.

THESE DOCUMENTS CONTAIN A LEGEND IDENTIFYING THE DATA AS PROPRIETARY TO THE LOCKHEED AIRCRAFT CORP (LAC). LAC AUTHORIZED THE GOVERNMENT TO USE THE DATA IN THE PROCUREMENT OF C141 AIRCRAFT SPARES AND MAINTENANCE. ACCORDINGLY, THE DATA MAY BE USED IN THE MANUFACTURE OF THE PART(S) IDENTIFIED HEREIN.

THE USE OF POLYVINYLCHLORIDE (PVC) INSULATED WIRING IS PROHIBITED. MIL-HDBK-454, GUIDELINE 71, PARA 4.3.3 APPLIES. MATERIALS ACCEPTABLE AS INSULATION ON WIRING OR SLEEVING ARE AS STATED IN MIL-STD-1587C, PARA 5.2.7. THE INSULATION MATERIAL REQUIREMENTS OF MIL-STD-1587, PARA 5.2.7 TAKE PRECEDENCE OVER ANY PVC INSULATION MATERIAL REQUIREMENTS REFERENCED IN THE DRAWINGS LISTED.

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- THE SUCCESSFUL BIDDER SHALL HAVE THE NECESSARY ENGINEERING/TECHNICAL SKILLS AVAILABLE TO INTERPRET LOFT/MYLAR DATA AND DESIGN SPECIAL TOOLING NECESSARY TO MANUFACTURE THIS ITEM.
- FINISHED PARTS SHALL EITHER BE GRIT BLASTED PER PS12040, LIQUID HONED PER PS12045, OR ALKALINE CLEANED PER PS12030, TYPE III.
- WHERE SPECIFIED, CHEM MILLING IS MANDATORY.
- DIGITAL LOFT DATA IS AVAILABLE AS INITIAL GRAPHICS EXCHANGE SPECIFICATIONS (IGES) FILES FOR DIRECT INPUT TO CAD/CAM SYSTEMS. THE SUCCESSFUL BIDDER, UPON WRITTEN REQUEST TO THE PROCUREMENT CONTRACTING OFFICER (PCO), MAY OBTAIN THIS DATA FOR MANUFACTURING PURPOSES.
- DATA MAY BE USED AND DISSEMINATED AS NECESSARY TO DETERMINE WHETHER OR NOT THE POTENTIAL OFFEROR WILL PROPOSE AND/OR PREPARE A PROPOSAL PROVIDED THE OFFEROR COMPLIES WITH THE RESTRICTIONS SET FORTH HEREIN, EXPORT CONTROL LAWS, AND OTHER APPLICABLE LAWS. AUTHORIZATION WAS RECEIVED ON \_\_\_\_\_.
- WARNING—THIS DOCUMENT CONTAINS TECHNICAL DATA WHOSE REPORT IS RESTRICTED BY THE ARMS EXPORT CONTROL ACT (TITLE 22, U.S.C., SEC 2751, ET SEQ.) OR THE EXPORT ADMINISTRATION ACT OF 1979, AS AMENDED, TITLE 50, U.S.C., APP. 2401 ET SEQ. VIOLATORS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES (SEE ATTACHMENT 1).
- AS APPLICABLE, ALL CONTRACTOR DOCUMENTS WHICH REFERENCE QUALIFICATION BY THE PRIME ARE CHANGED TO READ, "QUALIFICATION BY THE GOVERNMENT SHALL BE CONDUCTED AS IDENTIFIED HEREIN".
- CLASSIFIED/CONFIDENTIAL DATA WILL BE FURNISHED TO THE BIDDER/CONTRACTOR AWARDEE UPON REQUEST TO THE PROCUREMENT CONTRACTING OFFICER (PCO).