

FIRST ARTICLE REQUIREMENTS
(AFLCR 70-22 and FAR PART 9, SUB PART 9.3)

1. DATE 21 MAR 89

2. P/R/MIPR NUMBER _____ 3. PART NUMBER 9004 M13 G02 4. NSN 215 DD 050 0447

5. FIRST ARTICLE QUANTITY
The First Article is (3 EACH unit(s) of Lot / Item _____).
 Preproduction Models First Lots and will be
 Initial Production Samples Pilot Models part of production quantity
 Test Samples Pilot Lots 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 procured 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. A. Contractor Testing
Performance or other characteristics which the first articles must meet are _____
 B. Contractor Proposed Test Plan Required
 (1) DD Form 1423 ELIN _____
 (2) Delivery due _____ calendar days from date of contract.
 (3) Number of days for government approval / disapproval _____ days.
 C. The detailed technical requirement for first article approval tests are contained in _____
 (Cite spec and para number.)
 D. Contractor's written notification to PCO and _____
 (requesting activity) of test time and location due _____ days prior to start of testing.
 E. Contractor's Test Report
 (1) DD Form 1423 ELIN _____
 (2) Due _____ calendar days from date of contract
 (3) Forwarded to _____
 (enter address of office to receive Report)
 (4) Government written notice of approval / disapproval due _____ days after receipt of contractor's report.

10. A. Government Testing
The performance or other characteristics which the first article must meet in order to be approved are BLUEPRINT AND ENGINEERING INSTRUCTIONS - SEE REMARKS
 B. The test to which the first article will be subjected to are given in BLUEPRINT AND ENGINEERING INSTRUCTIONS - SEE REMARKS
 (Cite spec and para number.)
 C. First Article Delivery:
 (1) Due within 30 calendar days from date of contract
 (2) Notify 30 calendar days prior to shipment
 (3) Delivered to government at SEE REMARKS
 (set forth consignee and address)
 (4) Government written notice of approval / disapproval within 30 days after receipt of first article package
 D. Estimated cost of government testing / inspection evaluation
 \$ _____

11. Disposition of First Articles:
 Approved first articles will be forwarded to USAF SUPPLY
 Approved first articles will be retained by _____ until the production articles are delivered, and then forwarded to USAF Supply.
 First articles will be expended in testing. Residual components of disapproved first articles will not be returned to the contractor/ will be retained by DC-ALC pending disposition instructions from the contractor. (NOTE. If disposition instructions are not received within 30 days of contractor notification of disapproval, disposition will be determined by _____.)
 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 retained by _____ pending disposition instructions from the contractor. (NOTE. If disposition instructions are not received within 30 days of contractor notification of disapproval, disposition will be determined by _____).
 On purchase requests designated for foreign military sales (FMS) only, the following disposition will apply.
 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 : _____

FIRST ARTICLE REQUIREMENTS (Continuing Sheet)

12. Condition(s) for Waiver of First Article Approval

- a. Offerors who have previously furnished production quantities of the same article to the Government, DOD, Air Force.
- b. Offerors who have previously furnished production quantities of the same article to the prime contractor for delivery to the Government, DOD, Air Force.
- c. Offerors currently in production of the same article for a Government, DOD, Air Force contract and who have received First Article approval under the existing contract.
- d. Offerors who have previously furnished production quantities of the same article to the Government, DOD, Air Force providing articles thus furnished have exhibited satisfactory performance in service, in the opinion of the Air Force.
- e. See remarks on AFLC / AFSC Form 2.
- f. Provided not more than 36 months have elapsed since completion of the contract.
- g. First Article testing will not be waived.

NOTE TO BUYER: Under condition d above, the cognizant engineering activity will make the decision of 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

13. DELIVERY OF PRODUCTION UNITS (Specific Calendar Date Required)

ITEM	QUANTITY	DATE (On or Before)

*If RC or IQ type contract, delivery shall be set forth in terms of after receipt of order (ARO). The form should be revised accordingly.

14. REMARKS

DELIVER EXHIBITS TO GOVERNMENT AT
 BLDG. 506 DOOR 5
 TRANSPORTATION OFFICE 12
 TINKER AFB OK 73145
 MARK FOR: DSFSB
 BLDG. A03FL DOOR 67 (EXT 97487)

JUSTIFICATION
 FIRST ARTICLE TESTING IS REQUIRED
 TO VERIFY QUALITY OF ITEM

BLOCK 10A: FUNCTIONAL FIT CHECK AND FLOW TEST
 10B: 21-J79-83-5 WP 07500 TABLE 2

15. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, and Phone Number)

STEVEN J. RUGBY WAMPARR 634231

16. PR INITIATOR (Name, Organization, Phone Number)

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENS)
(CONTINUATION SHEET)

PAGE 5
OF 9 PAGES

NATIONAL STOCK NUMBER

2915 00 050 0447 PL

PART NUMBER

9004 M13 602

GENERAL NOTES

1. PARTS SHALL BE IDENTIFIED BY MIL STD 130
USING THE METHOD SPECIFIED BY P23TF3 AND
THE APPLICABLE DRAWINGS

2. THE FOLLOWING PROCESSES / MATERIALS MUST BE CONTROLLED

- A) M50 T1A-P9F (FURNACE BRAZING)
- B) M50 T1A-P8G (TUNGSTEN ARC WELDING)
- C) P29 TF7-CLB (FLUORESCENT PENETRANT INSPECTION)
- D) B50 T90 (BRAZING ALLOY POWDER)
- E) M50 T812A (FORMED TUBING)
- F) SIM-4 CODE C (SONIC INSPECTION)

3. P23TF2 CANCELLED. USE P23TF3

4. SONIC INSPECT PER AMS 5580 RAW MATERIAL TO
PWA SPEC. SIM-4 CODE C IN ACCORDANCE WITH
SIS-26. INSPECTION TO BE DONE BY ONE OF THE
FOLLOWING SOURCES

- 1) ORBIT INDUSTRIES MIDDLEBURG HEIGHTS OH
- 2) WESTERN PROFESSIONAL INC. (WEST PRO)
- 3) TAC-TECHNICAL INSTRUMENT CORP. TRENTON, N.J.

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENS)

(CONTINUATION SHEET)

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OF 9 PAGES

NATIONAL STOCK NUMBER

2915 00 050 0447 PL

PART NUMBER

9004 M13 G02

9004 M13 G02

NOZZLE ASSY.

CRITICAL CHARACTERISTICS

1. CRITICAL CHARACTERISTICS ARE IDENTIFIED ON DRAWING BY SYMBOL \oplus .

MAJOR CHARACTERISTICS

1. MAJOR CHARACTERISTICS ARE IDENTIFIED ON DRAWING BY SYMBOL \ominus , IN ADDITION TO THOSE LISTED BELOW.
2. FPI ACCEPTABILITY LIMITS PER P29TF7 CLB.
3. MAXIMUM FLATNESS AT TUBE BENDS MUST NOT EXCEED 18 PERCENT.
4. NOZZLE ASSEMBLY MUST BE CLEAN AND FREE OF CONTAMINATION PER AF DWG 8427452 CL 1.

TECHNICAL DATA PACKAGE - ENGINEERING NOTES (ENS)

(CONTINUATION SHEET)

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NATIONAL STOCK NUMBER

2915 00 050 0447 PL

PART NUMBER

9004 M13 602

9111 M 74 P0 4

NUT, TUBE COUPLING

MAJOR CHARACTERISTICS

1. MAJOR CHARACTERISTICS ARE IDENTIFIED ON DRAWING BY SYMBOL \ominus , IN ADDITION TO THOSE LISTED BELOW.

2.

\odot	2	0.004 DIA
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3.

\perp	2	0.005
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4. DIA A 0.308 / 0.305

332 C 294 P12

COUPLING SLEEVE

MAJOR CHARACTERISTICS

1. MAJOR CHARACTERISTICS ARE IDENTIFIED ON DRAWING BY SYMBOL \ominus , IN ADDITION TO THOSE LISTED BELOW.

2. 0.383 / 0.380 DIA A

3. 0.261 / 0.258 DIA B

4. 0.300 / 0.297 DIA C