

**FIRST ARTICLE REQUIREMENTS**

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

1. DATE  
20021120

2. P/R/MIPR NUMBER

3. PART NUMBER  
H16DW1852-301

4. NSN  
6150-01-295-5918WF

5. FIRST ARTICLE QUANTITY  
THE FIRST ARTICLE IS \_\_\_\_\_ UNIT(S) OF LOT/ITEM \_\_\_\_\_ 1

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 1)

8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES (See FAR 52.209-3 or -4 Alternate 1)  
 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 specifications and standards

B. The detailed technical requirements for First Article approval tests are contained in \_\_\_\_\_  
(Cite Spec and Para number)

C.  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.

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 \_\_\_\_\_ calendar days from date contract.
- (2) Notify 30 calendar days prior to shipment.
- (3) Delivered to government at Non-Accountable Bay, Bldg. 849, Hill AFB, UT 84056, Attention: Transportation Officer
- (4) Government written notice of approval/disapproval within 90 days after receipt of first article package.

G. Estimated cost of government testing/inspection evaluation.  
\$ 800.00

10. DISPOSITION OF FIRST ARTICLES

Approved First Articles will be forwarded to \_\_\_\_\_

1 (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 TIELV 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: \_\_\_\_\_

2. P/R/MIPR NUMBER

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4. NSN  
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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 \_\_\_\_\_ 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

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12. REMARKS

The manufacture of this item requires techniques, processes, tooling, testing, or finishes of such nature that only by First Article testing and evaluation can assurance be obtained that a contractor has the capability of producing the item in accordance with the instructions and data supplied or specified.

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

Benjamin S. Benedict, OO-ALC/YPVO, DSN 775-4621

14. PR INITIATOR (Name, Organization, Phone)

# ENGINEERING DATA REQUIREMENTS

(ATTACHMENT "A")

REV:

NOTE: MILITARY SPECIFICATIONS / STANDARDS WILL NOT BE FURNISHED IN THE BID SET.

1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF

Wire Harness

2. PART NUMBER

H16DW1852-301

3. NATIONAL STOCK NUMBER

6150-01-295-5918WF

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. Tolerances for break out lengths of more than 6 inches shall be -00.0 inches +0.5 inches.

6. Use 16PR8817 in conjunction with 16PR145 for the manufacture of this item. Section 1, page 1-2, paragraph 3. note 2 of 16PR145 does not apply.

7. The successful bidder is responsible for requesting all stable base drawings within 14 days AROC. The request should contain a copy of the engineering data list (EDL) and a copy of the front page of the contract. The request should be forwarded to: OO-ALC/LGVTD, 6020 Gum Lane, Hill A.F.B., UT 84056-5825 The request may also be faxed to (801)-777-9092.

8. This is an aircraft part. Use the appropriate portion of MIL-STD-2000 that applies to aircraft soldering for all soldering requirements.

9. The source(s) / material(s) if listed on the specifications, standards and drawings are the only source(s) / material(s) that can be used to manufacture this item. Substitutions shall have prior approval by OO-ALC engineering.

10. The source for Anti-Sabotage Lacquer ( material 114-136305) if required is available from: Organic Products Company under the name "Torque Seal" Torque Seal (F-900), color Red. Organic Products Company cage 01195. Ph (214)-438-7321.

11. An additional source for some of the sub components is Excel International. Ph (805) 446-1740 Home page [HTTP://www.silcom.com/excel](http://www.silcom.com/excel) .

PREPARED BY

Eddie Walter

SYMBOL

LGMPM

DATE

24 Oct 02