

Defense Supply Center Philadelphia (14153)
Quality Assurance Provision
QAP-012851644

6/27/2008

THIS DOCUMENT CONTAINS FIRST ARTICLE REQUIREMENTS AND
ENGINEERING NOTES

NSN 5340-01-285-1644

P/N 160328-7

NOMENCLATURE: STUD, SHOULDERED
(END ITEM: 26F AIRCRAFT, F-16)

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X7860

FIRST ARTICLE REQUIREMENTS <small>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</small>			1. DATE 20080616
2. P/R/MIPR NUMBER	3. PART NUMBER 16L328-7	4. NSN 5307-01-285-1644	
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>3</u> UNIT(S) OF LOT/ITEM _____			
AND WILL BE: <input checked="" type="checkbox"/> PART OF PRODUCTION QUANTITY <input 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 type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED <small>(See FAR 52.209-3 or -4, alternate II)</small>	
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <small>(See FAR 52.209-3 or -4 Alternate I)</small> <input type="checkbox"/> REQUIRED <input checked="" 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 checked="" type="checkbox"/> CONTRACTOR TESTING <input type="checkbox"/> GOVERNMENT TESTING The first article requirements are provided in block 12. B. The detailed technical requirements for First Article approval tests are contained in <u>N/A</u> <small>(Cite Spec and Para number)</small> C. <input type="checkbox"/> 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 _____ <small>(Requesting Activity)</small> of test time and location due _____ days prior to start of testing. E. <input checked="" type="checkbox"/> FIRST ARTICLE REPORT REQUIRED (1) DD Form 1423 ELIN _____ (2) Due _____ calendar days from date of contract. (3) Forwarded to the address provided in block 12. (4) Government written notice of approval/disapproval due <u>60</u> days after receipt of contractor's report.		F. FIRST ARTICLE DELIVERY: (1) Due within _____ calendar days from date contract. (2) Notify _____ calendar days prior to shipment. (3) Delivered to government at _____ <small>(Set Forth Consignee and Address)</small> (4) Government written notice of approval/disapproval within _____ days after receipt of first article package. G. Estimated cost of government testing/inspection evaluation. \$ <u>750.00</u>	
10. DISPOSITION OF FIRST ARTICLES <u>N/A</u> <input type="checkbox"/> Approved First Articles will be forwarded to _____ <input type="checkbox"/> _____ <small>(insert quantity)</small> First Articles will be expended in testing. Residual components of disapproved First Articles <input type="checkbox"/> will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor. <input type="checkbox"/> 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.			
<input type="checkbox"/> Disapproved First Articles will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor <input type="checkbox"/> 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. <input type="checkbox"/> Other Disposition: _____			

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<p>11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL</p> <p>a. <input type="checkbox"/> Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the <input type="checkbox"/> Government, <input type="checkbox"/> DoD, <input type="checkbox"/> Air Force.</p> <p>b. <input type="checkbox"/> Offerors currently in production of the same or similar article for a <input type="checkbox"/> Government, <input type="checkbox"/> DoD, <input type="checkbox"/> Air Force contract and who have received First Article approval under the existing contract.</p> <p>c. <input checked="" type="checkbox"/> Offerors who have previously furnished production quantities of the same ^{BCS} or similar articles to the <input type="checkbox"/> Government, <input checked="" type="checkbox"/> DoD, <input type="checkbox"/> Air Force, provided articles thus furnished, have exhibited satisfactory performance in service in the opinion of the Air Force.</p> <p>d. <input checked="" type="checkbox"/> Provided not more than <u>48</u> months have elapsed since completion of the contract.</p> <p>e. <input type="checkbox"/> First Article testing will not be waived.</p> <p>f. <input type="checkbox"/> See Remarks in block 12 below.</p> <p>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 (<i>That is, both with and without requirement for first article approval</i>) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:</p> <p>A. PROCURING OFFICE B. CONTRACT NUMBER C. DATE OF CONTRACT D. SPECIFICATION NUMBER AND REVISION</p>		
<p>12. REMARKS</p> <p>9A. The contractor shall provide a First Article Report which includes the following. For each of three (3) first article assets, measurements for all specified dimensions shall be recorded. The First Article Report shall also include material specifications (including surface finish data) for each of these three assets. The pertinent dimensional and material specifications appear in Lockheed drawing number 16L328. The contractor shall not forward the actual first article assets to the Government, unless specifically directed to do so.</p> <p>9E(3). The First Article Report shall be forwarded to the following address:</p> <p>558 CBSS/GBHBC 3001 STAFF DRIVE STE 1AB85A TINKER AFB, OK 73145-3041 ATIN: FIRST ARTICLE MONITOR DODAAC: FA8111</p> <p>Justification for a first article: Part no. 16L328-7 is a critical aircraft part for which strict adherence to manufacturing specifications must be verified.</p>		
<p>13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone) BACKER, Bernard C. (423 SCMS/GUEA), DSN: 884-8237</p>	<p>14. PR INITIATOR (Name, Organization, Phone)</p>	

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GENERAL NOTES

1. USE AS-8879 IN LIEU OF MIL-S-8879

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2. WHEN CHECKED BELOW OR LISTED IN THESE NOTES, DEFINITIONS APPLICABLE TO THIS PRODUCT ARE OR HAVE:

(A) **ENGINEERING CRITICAL IN APPLICATION:** An item which requires special manufacturing processes, controls, and testing of material or end items. Because of its use or application, failure to maintain the highest reliability of such an item could be catastrophic resulting in loss of life or serious injury, loss of a weapon system or extensive secondary damage, with direct impact on the capability to respond to a national emergency or to achieve wartime sustainability.

(B) **CRITICAL CHARACTERISTICS:** Characteristics which, when defective, are likely to result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the product; or, are likely to prevent performance of the tactical function of a major end item such as an aircraft, missile, space vehicle, engine or a major part thereof. (Derived from MIL-STD-105).

(C) **MAJOR CHARACTERISTICS:** Characteristics (other than critical or minor) which, when defective, are likely to result in failure or to reduce the usability of the product or a major end item for its intended purpose. (Derived from MIL-STD-1916).

(D) **MINOR CHARACTERISTICS:** All characteristics not designated as critical or major but for which full conformity is required.

(E) **COMPLEX:** Items having quality characteristics not wholly visible (hidden characteristics), in the end product for which contractual conformance must be established progressively through precise measurements, tests or controls applied during purchasing, manufacturing, performance, assembly and functional operation either as an individual item or in conjunction with other items [FAR SUBPART 46.203(b)].

(F) **COMMERCIAL:** Described in commercial catalogs, drawings or industrial standards [FAR SUBPART 46.203(a),(1)].

THIS PRODUCT HAS BEEN DETERMINED TO BE OR CONTAINS (AS CHECKED BELOW):

- Engineering critical in application.
- Critical characteristics.
- Major characteristics.
- Minor characteristics, all excepting critical and major.
- Complex.
- Available as a commercial product.

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3. When materials, processes or components are to be obtained from directed sources as indicated herein or in the specifications, alternate sources may only be utilized upon prior approval by the contracting officer of this procuring activity as a deviation.

Bidders shall notify this procuring activity at the time of quotation of any drawing, specification or standard which is of more current data revision than those shown on the data listing or in these engineering notes. Determination of acceptability of the more currently dated data will be made by the responsible engineering office of this procuring activity.

Lower tier specifications listed in or referenced by first tier specifications may not be shown on the data lists or engineering notes accompanying this contract but are nonetheless required by this contract for compliance. Exceptions would occur only when such lower tier requirements have been specifically waived or substitute specifications/requirements are designated herein.

Reports, process sheets, inspection methods sheets and all other documents required by specifications imposed by this contract for contractor compliance which were previously required to be submitted to a prime design contractor shall be held at that facility for review by government personnel.

When prime design source specifications require or provide for participation by that prime source quality, manufacturing, laboratory or engineering support services, these requirements or provisions do not apply when the contract was issued by this procuring activity. For these services or direction pertaining thereto, contact the cognizant government contract administration office or this procuring activity for assistance.

The contractor is responsible for assuring that all dimensions, conditions, tests and test results identified in these engineering notes, applicable drawings, specifications and contract quality requirements are met by themselves and their suppliers. This requirement applies to all characteristics whether those characteristics have been specifically designed as being critical, major or are those minor characteristics not specifically designated as such.

PROCESS DATA REQUIREMENTS (CHECK WHEN APPLICABLE)

Prior to beginning of manufacture, the contractor will notify the engineering office of this procuring activity of all manufacturing process and processing procedures intended for use in production of this product. Once these processes are established, no changes shall be made without prior approval of the engineering office of this procuring activity.

SERIALIZATION OF PARTS (CHECK WHEN APPLICABLE)

Serialization of each part/assembly (contract end item), is required.

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STABLE BASE DRAWINGS: (CHECK WHEN APPLICABLE)

When the use of stable base drawings are required, the following shall apply:

A. Stabilize by allowing the stable base drawing to rest flat and unrestrained on a flat surface overnight at room temperature prior to use.

B. Do not stretch or otherwise apply stress.

C. Check the dimensional accuracy of the grid lines. The dimension between adjacent grid lines must be within ± 0.005 inch. The grid lines shall be measured vertically, horizontally and diagonally, to insure that the grids are within a tolerance of ± 0.005 inch. The tolerance is accumulated over the length and width of the stable base drawing.

D. Trammel points shall be measured to within $\phi .010$

E. When rolling stable base drawings, do not roll less than 3 inches in diameter.

F. If the above tolerance points prove to be inaccurate, record the discrepancies immediately and notify in writing. OC-ALC/PKXDA and the Administrative Contracting Officer (ACO).