

REQUIREMENTS FOR CABLE ASSEMBLY P/N: 9813555-30, NSN: 5995-01-474-3472, DRAWING 9813555, REV. B.

1. The contractor shall build in accordance with the original equipment manufacturer's drawings as provided by DSCR. Substitute vendor drawings are not allowed.
2. The units shall meet all requirements of the original equipment manufacturer's drawings and its required specifications. No substitute materials, data or alternate source is permitted.
3. The contractor must qualify by complying with the first article process.
  - a. Submit data item for Acceptance Test Procedures (ATP) for first articles for approval.
  - b. Build 2 each first articles and test IAW the approved procedure from "a" above.
  - c. Document results of testing in "b" above. Submit the test results for government review and approval in a first article test report in accordance with the data item.
  - d. Submit the 2 each first articles to the government for test, inspection, and evaluation.
4. Once first article units and the first article test report are approved, the contractor will be approved to build the production units. However, he shall submit an Acceptance Test Procedure (ATP) for government approval. Once approved, all production units shall be tested in accordance with this ATP. The government will not accept a production of the unit unless it has passed the government approved ATP test.





**FIRST ARTICLE REQUIREMENTS**

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

1. DATE  
27 Feb 04

2. P/R/MIPR NUMBER \_\_\_\_\_ 3. PART NUMBER 9813555-30 4. NSN 5995-01-474-3472

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 A MANUFACTURING STANDARD  
7. LONG LEAD TIME ITEMS  REQUIRED  NOT REQUIRED  
(See FAR 52.209-3r -4, alternate II)

8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES (See FAR 52.209-3r -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 CONTRACT, DATA PACKAGE, AND ALL QA PROVISIONS OF THE VENDOR DRAWING  
B. The detailed technical requirements for First Article approval tests are contained in IN CONTRACT, DATA PACKAGE, AND GOVT. APPROVED ACCEPT. TEST PROCEDURE  
(Cite Spec and Para number)  
C.  TEST PLAN REQUIRED  
(1) DD Form 1423ELIN \_\_\_\_\_  
(2) Delivery due 30 calendar days from date of contract.  
(3) Number of days for government approval/disapproval 45 days.  
D. Contractor's notification to ACO and WR-ALC/LSELP  
(Requesting Activity)  
of test time and location due 10 days prior to start of testing.  
E.  TEST REPORT REQUIRED  
(1) DD Form 1423ELIN \_\_\_\_\_  
(2) Due 180 calendar days from date of contract.  
(3) Forwarded to WR-ALC/LSEEW  
(4) Government written notice of approval/disapproval due 60 days after receipt of contractor's report.

F. FIRST ARTICLE DELIVERY:  
(1) Due within 180 calendar days from date contract.  
(2) Notify 10 calendar days prior to shipment.  
(3) Delivered to government at DLA CENTRAL RECEIVING/ DDWG-ER/ FIRST ARTICLE SPECIAL HANDLING/ BLDG 376/ 455 BYRON ST/ ROBINS AFB, GA 31098-1887  
(Set Forth Consignee and Address)  
(4) Government written notice of approval/disapproval within 60 days after receipt of first article package.  
G. Estimated cost of government testing/inspection evaluation.  
\$ \$2,500.00

10. DISPOSITION OF FIRST ARTICLES  
 Approved First Articles will be forwarded to \_\_\_\_\_  
 2 percent quantity). first articles will be expended in testing. Residual components of disapproved first articles  will be returned to the \_\_\_\_\_  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~~ 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 for a \_\_\_\_\_ 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 36 M 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

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone)  
WR-ALC/LSELP 478-926-3155  
ROBINS AFB GA (Steven Diep)

14. PR INITIATOR (Name, Organization, Phone)

NSN 5995-01-474-3472

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 Specification (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 EXPORT 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.
- 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).
- F-15 Loft Data Book provided for reference and inspection purposes only. Use of this book in conjunction with Digital (IGES Format) Loft Data, will provide the necessary information to ensure accurate Loft surface.

**ENGINEERING DATA LIST**DATE  
30 Jan 04

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|                         |                                     |                                   |                                                      |
|-------------------------|-------------------------------------|-----------------------------------|------------------------------------------------------|
| NSN<br>5995-01-474-3472 | REFERENCE NUMBER<br>9813555-30      | CAGE AND NAME<br>98752 ROBINS AFB | NOUN<br>CABLE ASSY.                                  |
| APPLICATION<br>F-16     | TECHNICIAN / ENGINEER<br>T. GIDDENS | PURCHASE REQUEST NUMBER           | PREPARING ACTIVITY / PHONE<br>WR-ALC / LGECB468-9866 |

NOTE: \*FURNISH CODES: S-FURNISHED WITH THIS SOLICITATION; M - UNDIMENSION OR STABLE BASE COPY REQUIRED. REFERENCE COPY FURNISHED FOR INFORMATION. WORKING COPY TO BE FURNISHED SUCCESSFUL BIDDER. P-PHOTO COPY REQUIRED. R - FURNISHED ON CONTRACTOR REQUEST WITH PCO APPROVAL; O-CONTRACTOR MUST ACQUIRE.

| DOCUMENT NUMBER / NAME | CAGE CODE | REV | NR SHEETS | FURN CODE* | DIST CODE | REMARKS / NOTE REFERENCE |
|------------------------|-----------|-----|-----------|------------|-----------|--------------------------|
| 9813555                | 98752     | B   | 1         | S          | C         | -30 CABLE ASSY.          |
| 1038449                | 49956     | C   |           | C          |           | TESTING                  |

REMARKS / NOTES (Continue on WR-ALC/TIL FORM 0-762A)

Please see attached engineering notes.