

## **QUALITY ASSURANCE PROVISIONS**

NSN: 1560-01-267-7386 P/N: (26512) 123BP50056-2

NOMEN: GLASS PANEL, ASSY, fwd sect. Overhead hatch RF SHLD.

E-2/C-2 AIRCRAFT

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (26512) 123BP50056-2 REV. "D ", and all details and specifications referenced therein.

### **I. Quality/Inspection Requirements**

- A. MIL-I-45208 or equivalent applies: Refer to contract section E.
- B. First Article Testing applies: Refer to contract section I
- C. Mandatory Inspection applies: Refer to contract section C.

### **II. Supplemental Requirements**

- A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q- 9858 or equivalent apply.
- B. The contractor shall include on the detailed process/operation sheets developed, all in house manufacturing processes and the identity of all manufacturing sources performing processes/ operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the basic design engineering activity via the PCO.
- C. The Inspection Method Sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging.
- D. Markings should be I/A/W MIL-STD-130 REV. "K" para. 5.3.3(a), (b), (c) and (g). Method and location shall be I/A/W drawing.

### **III. Mandatory Inspection Requirements:**

During production, mandatory inspection is required to be accomplished by the contractor as follows:

- A. Level of Inspection (LOI).
  - 1) Critical Characteristics: 100% inspection shall apply.
  - 2) Major and Minor Characteristics - LOI shall be I/A/W a sampling plan acceptable to the QAR.

B. Critical Characteristics

- 1) NOTE 7 of drawing (26512) 123BP50056 and CE-123UCS-1A
- 2) RF Attenuation (spec. CE-123U-CS-1A)
- 3) Optical standards (spec. GSS11803A-1)

C. Major and Minor Characteristics

- 1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

IV. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

**FIRST ARTICLE TESTS REQUIRED (CONTRACTOR TESTING)**

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I. First Article Inspection/Test Criteria: The tests to be performed under the First Article approval clause of the contract are:

- A. Dimensional Check 100% to be accomplished during first piece layout.
- B. RF Attenuation (spec. CE-123U-CS-1A)
- C. Optical standards (spec. GSS11803A-1)
- D. Compliance with drawing (26512) 123BP50056-2 REV."D", and specifications referenced therein.
- E. Review documentation as provided under DD 1423 requirements.

In addition to the above tests, the First Article(s) to be delivered hereunder shall also be subjected to those tests which will demonstrate whether the article(s) comply with contract requirements.

II. Special Instructions: The contractor shall be responsible for providing necessary parts and repair of the First Article Sample(s) during testing.

A. The successful offerer will be furnished a sample to serve as an aid in manufacturing. Any alleged conflict between the sample and the applicable drawings/specifications shall be promptly reported in writing to the contracting officer.

- 1. Following production of all items under the quantity requirements of the contract, the contractor will be responsible for the return of the Government furnished sample in ready for issue (RFI) condition to the Government.

III. NOTIFICATION OF TESTING: The contractor shall notify the PCO, ACO and QAR prior to conducting First Article Tests so that the Government may witness such testing (see I-962, para. (A)).

A. The QAR shall be present to witness all First Article Tests.

IV. Test Report: The test report shall be in accordance with MIL- STD-831 and shall be submitted (2 copies) via the Cognizant CAO/QAR to the Navy Aviation Supply Office Attn: Code 0731. The CAO/QAR shall provide comments on Form DD 1222 (2 copies) which shall be forwarded with the test report. Approval of the test report is the PCO's responsibility. Upon notification of approval/conditional approval, the ACO shall execute the DD 250 to indicate Government acceptance of the test report.

V. Disposition of First Article Sample(s)

A. Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to ready for issue (RFI) condition and provided the sample(s) have inspection approval of the cognizant QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been provided and are ready for shipment.

**First Article Approval (Contractor Testing)**

A. The contractor shall test 1 unit(s) of lot/item 0001 as specified in this contract. At least 30 calendar days before the beginning of First Article Tests, the contractor shall notify the contracting officer, in writing, of the time and location of the testing so that the Government may witness the tests.

B. The contractor shall submit the First Article Test Report within 210 calendar days from the date of this contract to:  
ACO

Marked "FIRST ARTICLE TEST REPORT: Contract NO: lot/item NO. ". Within 45 calendar days after the government receives the test report, the contracting officer shall notify the contractor, in writing, of the conditional approval, approval, or disapproval of the First Article. The notice of conditional approval or approval shall not relieve the contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the contractor. A notice of disapproval shall cite reasons for the disapproval.

C. If the First Article is disapproved, the contractor, upon government request, shall repeat any or all First Article Tests. After each request for additional tests, the contractor shall make any necessary changes, modifications, or repairs to the First Article or select another First Article for testing. All costs related to these tests are to be borne by the contractor, including any and all costs for additional tests following a disapproval. The contractor shall then conduct the tests and deliver another report to the Government under the terms and conditions and within the time specified in paragraph B above. The government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

E. If the contractor fails to deliver any First Article report on time, or the contracting officer disapproves any First Article, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

F. Unless otherwise provided in the contract, and if the approved First Article is not consumed or destroyed in testing, the contractor may deliver the approved First Article as part of the contract quantity if it meets all contract requirements for acceptance.

F. If the government does not act within the time specified in paragraph B or C above, the contracting officer shall, upon timely written request from the contractor, equitably adjust under the changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

G. Before First Article Approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the contractor. Before First Article approval, the costs thereof shall not be allocable to this contract for 1) progress payments, or 2) termination settlements if the contract is terminated for the convenience of the Government.

H. The contractor shall provide both the First Article and the production quantity at the same facility and shall submit a certification to this effect with each First Article.

**FIRST ARTICLE TESTS REQUIRED (GOVERNMENT TESTING)**

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E-2/C-2 AIRCRAFT

I. First Article Inspection/Test Criteria:

The tests to be performed under the First Article approval clause of the contract are:

- A. Fit/Check
- B. An on-aircraft cockpit pressurization check I/A/W MIL-E-18927.
- C. Compliance with drawing (26512) 123BP50056-2 REV."D", and specifications referenced therein.
- D. Review documentation as provided under DD 1423 requirements.

In addition to the above tests, the First Article(s) to be delivered hereunder shall also be subjected to those tests which will demonstrate that the article(s) comply with contract requirements.

The contractor shall be responsible for providing necessary parts and repair of the First Article Sample(s) during testing.

II. Special Instructions

- A. Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to ready for issue (RFI) condition and provided the sample(s) have inspection approval of the cognizant QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.
- B. Sample(s) shall not be considered as production items due.
- C. Sample(s) will be returned to the contractor, if not destroyed in testing.
- D. Sample(s) will not be returned to the contractor.
- E. Sample(s) will be destroyed after test to insure that they will not be furnished as approved production items.
- F. Sample(s) is to be unpainted. Corrosive areas are to be coated with a light preservative.

**NOTIFICATION OF SHIPMENT OF MATERIAL FOR GOVERNMENT TESTING**

Fourteen (14) days prior to shipment of First Article Sample(s), the contractor shall notify the designated test facility, in writing of the anticipated shipping date, with an information copy to the ACO, Attn: \_\_\_\_\_. The contractor shall also arrange for preliminary inspection of test samples by the CAO/QAR. Upon shipment of First Article Sample(s), two (2) copies of the Material Inspection and Receiving Report (DD Form 250), bearing the QAR's signature and indication of preliminary inspection, shall be forwarded to ACO Code \_\_\_\_\_, with duplicate copies to NAVICP Code 073 and to the designated test facility. The envelopes shall be clearly marked. "DO NOT OPEN IN MAILROOM".

Within 60 days after receipt of sample(s) the test site shall complete testing/evaluation and submit two (2) copies of their test report with conclusions and recommendations to ACO Code \_\_\_\_\_.

**FIRST ARTICLE APPROVAL (GOVERNMENT TESTING)**

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A. The contractor shall deliver 1 unit(s) of lot/item 0001 within 180 calendar days from the date of this contract to the Government at:

NAVAL AVIATION DEPOT

Attn: Mrs. Debbie Rodr

Code: 93001, BLDG. 341

NAS North Island

San Diego, CA 92135-7058

(619) 545-3828

Marking of test sample(s) shipping container:

"FOR FIRST ARTICLE TESTING. NOT RFI MATERIAL. DO NOT TAKE UP IN STOCK.

CONTRACT NUMBER: \_\_\_\_\_."

For First Article Test, the shipping documentation shall contain this contract number and the lot/item identification. The characteristics that the First Article must meet and the testing requirements are specified elsewhere in this contract.

B. Within 105 calendar days after the Government receives the First Article, the contracting officer shall notify the contractor, in writing, of the conditional approval, approval or disapproval of the First Article. The notice of conditional approval or approval shall not relieve the contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the contractor. A notice of disapproval shall cite reasons for the disapproval.

C. If the First Article is disapproved, the contractor, upon Government request, shall submit an additional First Article for testing. After each request, the contractor shall make any necessary changes, modification, or repairs to the First Article or select another First Article for testing. All costs related to these tests are to be borne by the contractor, including any and all costs for additional tests following a disapproval. The contractor shall furnish any additional First Article to the Government under the terms and conditions and within the time specified by the Government. The Government shall act on this First Article within the time limit specified in paragraph B above. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule or for any additional costs to the Government related to these tests.

D. If the contractor fails to deliver any First Article on time, or the contracting officer disapproves any First Article, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

E. Unless otherwise provided in the contract, the contractor -

1) May deliver the approved First Article as a part of the contract quantity, provided it meets all contract requirements for acceptance and was not consumed or destroyed in testing.

2) Shall remove and dispose of any First Article from the Government test facility at the contractor's expense.

F. If the Government does not act within the time specified in paragraph B or C above, the contracting officer shall, upon timely written request from the contractor, equitably adjust under the changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

G. The contractor is responsible for providing operating and maintenance instructions, spare parts support, and repair of the First Article during any First Article Test.

H. Before First Article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the contractor. Before First Article approval, the costs thereof shall not be allocable to this contract for 1) progress payments, or 2) termination settlements if the contract is terminated for the convenience of the Government.

I. The contractor shall produce both the First Article and the production quantity at the same facility and shall submit a certification to this effect with each First Article.

J. The contractor shall provide specific written notification to the procuring contracting officer informing him of the shipment of any article(s) furnished in accordance with this clause. Such notification must be addressed to the attention of ACO code \_\_\_\_\_ with copies to ACO code \_\_\_\_\_ and to the testing activity. Failure to provide such notification shall excuse the Government from any delay in performing First Article Testing and informing the contractor of the results thereof.

<b>CONTRACT DATA REQUIREMENTS LIST</b> (2 Data Items)					<b>Form Approved</b> <b>OMB No. 0704-0188</b>	
The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.						
<b>A. CONTRACT LINE ITEM NO.</b>		<b>B. EXHIBIT</b>		<b>C. CATEGORY:</b> TDP <input type="checkbox"/> TM <input type="checkbox"/> OTHER <input type="checkbox"/>		
<b>D. SYSTEM/ITEM</b> 9G 1560-01-267-7386		<b>E. CONTRACT/PR NO.</b>		<b>F. CONTRACTOR</b>		
1. DATA ITEM NO. 0001	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETED PROCESS/OPERATION SHEETS		
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678		5. CONTRACT REFERENCE C-321 SPECIFICATION		6. REQUIRING OFFICE DSCR		
7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLK. 16*	14. DISTRIBUTION		
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK. 16**/**	a. ADDRESSEE		b. COPIES
16. REMARKS * AT TIME OF COMPLETION OF FIRST ARTICEL TESTING  ** UPON SUBMISSION OF PRODUCTION LOT SAMPLES  *** IF THE PROCESS OPERATIONS CHANGE AFTER APPROVAL OF FIRST PRODUCTION LOT TESTING/PRODUCTION LOT SAMPLES					Draft	Final
				CAO/QAR	*/***	1/0
				DSCR/PCO	*/***	1/0
				NADEP	*/***	1/0
15. TOTAL					3/0	
1. DATA ITEM NO. 0002	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETED INSPECTION METHOD SHEETS		
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678		5. CONTRACT REFERENCE C-321 SPECIFICATION		6. REQUIRING OFFICE DSCR		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRIED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLK. 16*	14. DISTRIBUTION		
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK. 16**	a. ADDRESSEE		b. COPIES
16. REMARKS * AT TIME OF COMPLETION OF FIRST ARTICLE TESTING  ** UPON SUBMISSION OF PRODUCTION LOT SAMPLES AND AT TIME OF CONTRACT COMPLETION, CONTRACTOR SHALL RETAIN 100% OF CONTRACT QUANTITY RECORDS FOR SEVEN YEARS.					Draft	Final
				CAO/QAR	*/**	1/0
				DSCP/PCO	**	1/0
				NADEP	**	1/0
15. TOTAL					3/0	
G. PREPARED BY VINCENT J. LOISEAU 0731.14		H. DATE 09/03/04	I. APPROVED BY VINCENT J LOISEAU		J. DATE 09/03/04	

CONTRACT DATA REQUIREMENTS LIST					Form Approved	
(2 Data Items)					OMB No. 0704-0188	
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A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY:		
D. SYSTEM/ITEM		E. CONTRACT/PR NO.		F. CONTRACTOR		
1. DATA ITEM NO.		2. TITLE OF DATA ITEM		3. SUBTITLE		
0003		REQUEST FOR DEVIATION				
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
DI-CMAN-80640C					DSCR	
7. DD250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION	
LT		AS REQUIRED				
8. ADP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE	
					Draft	
					Final	
					Reg	
					Repro	
16. REMARKS					15. TOTAL	
ORIGINAL					1/0	
1. DATA ITEM NO.	2. TITLE OF DATA ITEM		3. SUBTITLE			
0004	REQUEST FOR WAIVER					
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
DI-CMAN-80640C					DSCR	
7. DD 250 REQ	9. DEST STATEMET REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION		14 DISTRIBUTION	
LT						
8. ADP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE	
					Draft	
					Final	
					Reg	
					Repro	
16. REMARKS					15. TOTAL	
ORIGINAL					1/0	
G. PREPARED BY		H. DATE	I. APPROVED BY		J. DATE	
VINCENT J. LOISEAU 0731.14		09-03-04	VINCENT J LOISEAU		09-03-04	

