



**CONTRACT DATA REQUIREMENTS LIST**

(2 Data Items)

Form Approved  
OMB No. 0704-0188

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<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 checked="" type="checkbox"/>	
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<b>D. SYSTEM/ITEM</b> 1560-00-022-7749	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
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1. DATA ITEM NO. 0003	2. TITLE OF DATA ITEM REQUEST FOR DEVIATION	3. SUBTITLE	17. PRICE GROUP
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR	18. ESTIMATED TOTAL PRICE
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7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. ADP CODE A		11. AS OF DATE AS REQ	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE	b. COPIES		
16. REMARKS					Draft	Final	
					Reg	Repro	
				DCM/CAO		1/0	
				DCM/QAR		1/0	
				NAVICP-P 0731		1/0	
				PCO		1/0	
				15. TOTAL		4/0	

1. DATA ITEM NO. 0004	2. TITLE OF DATA ITEM REQUEST FOR WAIVER	3. SUBTITLE	17. PRICE GROUP
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR	18. ESTIMATED TOTAL PRICE
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. ADP CODE A		11. AS OF DATE AS REQ	13. DATE OF SUBSEQUENT SUBMISSION AS REQ	a. ADDRESSEE	b. COPIES		
16. REMARKS					Draft	Final	
					Reg	Repro	
				DCM/QAR		1/0	
				DCM/QAR		1/0	
				NAVICP-P 0731		1/0	
				PCO		1/0	
				15. TOTAL		4/0	

G. PREPARED BY NAVICP-P	H. DATE 02-09-02	I. APPROVED BY NAVICP-P	J. DATE 02-09-02
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# INSTRUCTION FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT

## FOR GOVERNMENT PERSONNEL

**Item A.** Self-explanatory

**Item B.** Self-explanatory

**Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual Other - other category of data, such as AProvisioning, AConfiguration Management, etc.

**Item D.** Enter name of system/item being acquired that data will support.

**Item E.** Self-explanatory (to be filled in after contract award)

**Item F.** Self-explanatory (to be filled in after contract award)

**Item G.** Signature of preparer of CDRL

**Item H.** Date CDRL was prepared

**Item I.** Signature of CDRL approval authority

**Item J.** Date CDRL was approved

**Item 1.** See DoD FAR Supplement Subpart 4 71 for proper numbering.

**Item 2.** Enter title as it appears on data acquisition document cited in Item 4.

**Item 3.** Enter subtitle of data item for further definition of data item (optional entry)

**Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-1 (AMSDL), or one-time DID number, that defines data content and format requirements

**Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number)

**Item 6.** Enter technical office responsible for ensuring adequacy of the data item

**Item 7.** Specify requirement for inspection/acceptance of the data item by the Government

**Item 8.** Specify requirement for approval of a draft before preparation of the final data item

**Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230.24)

**Item 10.** Specify number of times data items are to be delivered

**Item 11.** Specify as-of date of data item, when applicable

**Item 12.** Specify when first submittal is required

**Item 13.** Specify when subsequent submittals are required, when applicable

**Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16

**Item 15.** Enter total number of draft/final copies to be delivered

**Item 16.** Use for additional clarifying information for items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

## FOR THE CONTRACTOR

**Item 17.** Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production development, testing, and administration) but which is required by DD Form 1423

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort both the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirement, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

**Item 18.** For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if not data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract

**. \* QUALITY ASSURANCE PROVISIONS**

**C-321: SPECIFICATIONS:**

**NSN: 1560-00-022-7749 P/N:(77272) 107S8310-2**

**NOMENCLATURE: Bolt, Spider attaching**

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (77272) 107S8310 REV. "L" and all details and specifications referenced therein.

**I. QUALITY/INSPECTION REQUIREMENTS**

- A.** MIL-I-45208 or ISO 9000 Equivalent applies:
- B.** First Article Testing applies:
- C.** Production Lot Testing applies:
- D.** Mandatory Inspection applies:

**II. SUPPLEMENTAL REQUIREMENTS**

- A.** The contractor shall include on the detailed process operation sheets developed, a tracking method that is traceable to the contract, all in-house manufacturing processes, and the identity of all manufacturing sources performing process/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 the approval from the basic design engineering activity via the P.C.O..
- 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. The tracking method used on the inspection/method sheets shall be traceable to the contract. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken of all critical characteristics.
- D.** Markings should be I/A/W MIL-STD-130 latest revision. Method and location shall be I/A/W the drawing. Part shall be clearly marked with P/N 107S8310-2 & the local Government Quality Assurance Representative shall assure that this requirement has been met.

### **III. MANDATORY INSPECTION REQUIREMENTS:**

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

#### **A. LEVEL OF INSPECTION (L.O.I.)**

- 1) Critical Characteristics: 100% inspection applies
- 2) Major and Minor Characteristics: L.O.I. shall be I/A/W a sampling plan acceptable to the Q.A.R..

#### **B. CRITICAL CHARACTERISTICS FOR:**

Boeing Aircraft P/N: (77272) 107S8310-2

- 1) Optical inspection in accordance with Vertol Specification 14.06. Note 4 on field drawing.

#### **C. MAJOR AND MINOR CHARACTERISTICS:**

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

V. 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 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.

## **I-961 FIRST ARTICLE TEST REQUIRED (GOVERNMENT TESTING)**

### **I. First Article Inspection/Test Criteria:**

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

- A.** Dimensional Check 100%
- B.** Form/Fit
- C.** Compliance with drawing, (77272) 107S8310 REV." L ", and associated drawings, latest revisions, and specifications referenced therein.
- D.** Review documentation as provided under DD 1423 requirements.

In addition to the above tests, the First Articles are to be delivered hereunder shall also be subjected to those tests which will demonstrate that the articles comply with the contract requirements. The contractor shall be responsible for providing necessary parts and repair of the First Article Samples during testing.

### **II. Special Instructions:**

- A.** Samples may be considered as production items under the contract provided that the samples can be refurbished to ready for issue (**RFI**) condition and provided the samples have inspection approval of the cognizant **Q.A.R.** Samples may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.
- B.** Samples will be returned to the contractor, if not destroyed in testing.
- C.** Samples are to be unpainted and 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 Samples, the contractor shall notify the designated test facility, in writing of the anticipated shipping date, with an information copy to the P.C.O.. The contractor shall also arrange for preliminary inspection of test samples by the CAO/QAR.

Upon shipment of First Article Samples, 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 the designated test facility. The envelopes shall be clearly marked. **"DO NOT OPEN IN MAILROOM"**.

Within 90 days after receipt of the samples, the test site shall complete testing/evaluation and submit two (2) copies of their test report with conclusions and recommendations to the P.C.O..

## **C-330 PRODUCTION LOT TESTING REQUIREMENTS**

The material produced under contract shall be accepted by the cognizant CAO/QAR contingent upon the successful completion of these requirements.

### **I. Production Lot Test Sampling Requirements:**

- A.** The cognizant CAO/QAR shall select two (2) items at random from the first production lot produced. In addition the QAR shall select one (1) item at random from each successive lot or portion thereof.
- B.** Production Lot Testing to be completed during production after First Article approval.
- C.** Samples are to be unpainted. Corrosive areas are to be coated with a light preservative.

### **II. The tests to be performed under the Production Lot Sample testing provisions of the contract are:**

- A.** Compliance with drawing, (77272) 107S8310 REV "L" and associated drawings, latest revisions, and specifications referenced therein.
- B.** Form
- C.** Dimensional Check 100%
- E.** Review of documentation as provided under CDRL, DD1423

In addition to the above tests, the Production Lot Samples to be delivered hereunder shall also be subjected to those tests which will demonstrate that the samples comply with contract requirements.

### **III. Testing Location, Cost and Estimated Lead-time:**

- A.** Production Lot Testing will be accomplished at the contractor's facility and performed by the Government Quality Assurance Representative. The Government shall also review the documentation required on CDRL 1423.
- B.** Samples may be considered as production items under the contract provided the samples can be refurbished to Ready For Issue (R.F.I.) condition and provided the samples have inspection approval of the cognizant CAO/QAR. Samples may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.

C. Samples will be returned to the contractor.

**I-964 FIRST ARTICLE APPROVAL (GOVERNMENT TESTING)**

**A.** The contractor shall deliver two (2) units of lot/item 001 within 180 calendar days from the date of this contract to the government at:

Naval Aviation Depot (N65923)  
F.A.T. Control Center  
ATTN: Annie Thomas, Code: 6.1.523  
PSC Box 8021  
MCAS Cherry Point, NC 28533

Marking of test samples shipping container:

**"FOR FIRST ARTICLE TESTING. NOT RFI. 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 120 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 disapproval shall not relieve the contractor from complying with all requirements of the specifications and all other terms and conditions of the contract. A notice of conditional approval shall state any further action required of the contractor. A notice of disapproval shall cite the reasons for 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, 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 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 limits 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 and;
  - 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 First Article during any First Article Test.
- H.** Before First Article approval, the acquisition of material 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 articles furnished in accordance with this clause. Such notification must be addressed to the PCO, 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.