

CONTRACT DATA REQUIREMENTS LIST
(2 Data Items)

Form Approved
OMB No. 0704-0188

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.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP <input type="checkbox"/> TM <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>				
D. SYSTEM/ITEM 1650-00-420-1261		E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. 0001		2. TITLE OF DATA ITEM CERTIFICATION DATA/REPORTS		3. SUBTITLE COMPLETE PROCESS/OPERATION SHEETS				17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T1			5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE NADEP Cherry Point			18. ESTIMATED TOTAL PRICE
7. DD250 REQ LT	9. DIST STATEMENT REQUIRED B	10. FREQUENCY AS REQ N/A	12. DATE OF FIRST SUBMISSION AS REQ N/A	14. DISTRIBUTION				
8. ADP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ AS REQ	a. ADDRESSEE	Draft	b. COPIES Final Reg Repr		
16. REMARKS Paragraphs 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4 and 10.5 apply. Block 9: Statement B, US Government, Naval Inventory Control Point. Block 12: First submission to be made upon submission of (DUE AT TIME OF FIRST ARTICLE/PRODUCTION LOT TEST OR AT CONTRACT COMPLETION IF TESTING IS WAIVED.) testing sample. * Block 14: Make Submission to (NAVAL AVIATION DEPOT MCAS Cherry Point, NC 28533 CODE: 6.1.523) Block 13: Second submission required if the process/operation changes after approval of (DUE AT TIME OF FIRST ARTICLE / PRODUCTION LOT TEST OR AT CONTRACT COMPLETION IF TESTING IS WAIVED.) test. ** Block 14: Make submission to (NAVAL AVIATION DEPOT MCAS Cherry Point NC, 28533 CODE: 3.3.2). Block 14: When NAVICP 02 is referenced in distribution, forward to the NAVICP code cited on Block 10.A. on page 1.				SEE BLK 16*	00	01	00	
				SEE BLK 16**	00	01	00	
				DSCR/JATD	00	01	00	
				CAO/QAR	00	01	00	
				15. TOTAL	00	04	00	
1. DATA ITEM NO. 0002		2. TITLE OF DATA ITEM CERTIFICATION DATA/REPORTS		3. SUBTITLE COMPLETED INSPECTION METHOD SHTS				17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T2			5. CONTRACT REFERENCE N/A		6. REQUIRING OFFICE NADEP Cherry Point			18. ESTIMATED TOTAL PRICE
7. DD 250 REQ LT	9. DEST STATEMET REQUIRED B	10. FREQUENCY AS REQ N/A	12. DATE OF FIRST SUBMISSION AS REQ N/A	14 DISTRIBUTION				
8. ADP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION AS REQ AS REQ	a. ADDRESSEE	Draft	b. COPIES Final Reg Repr		
16. REMARKS Paragraphs 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4 and 10.5 apply. Block 9: Statement B, US Government, Naval Inventory Control Point. Block 12: First submission to be made upon submission of (DUE AT TIME OF FIRST ARTICLE/PRODUCTION LOT TEST OR AT CONTRACT COMPLETION IF TESTING IS WAIVED.) testing sample. * Block 14: Make Submission to (NAVAL AVIATION DEPOT MCAS Cherry Point, NC 28533 CODE: 6.1.523). Block 13: Second submission required if the process/operation changes after approval of (DUE AT TIME OF FIRST ARTICLE / PRODUCTION LOT TEST OR AT CONTRACT COMPLETION IF TESTING IS WAIVED.) test. ** Block 14: Make submission to (NAVAL AVIATION DEPOT MCAS Cherry Point NC, 28533 CODE: 3.3.2). Block 14: When NAVICP 02 is referenced in distribution, forward to the NAVICP code cited on Block 10.A. on page 1.				CAO/QAR	00	01	00	
				SEE BLK 16*	00	01	00	
				DSCR/JATD	00	01	00	
				SEE BLK 16**	00	01	00	
				15. TOTAL	00	04	00	
G. PREPARED BY N00383 073.9		H. DATE 2001 Sep 25		I. APPROVED BY STEPHEN POTCHAK <i>Stephen Potchak</i>		J. DATE 2001 Sep 25		

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 "Provisioning," "Configuration 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: SPECIFICATION:

NSN: 1650-00-420-126~~71~~ P/N: (78286) 65403-07007-041
NOMENCLATURE: Cylinder Assembly, Actuating, Linear.

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (78286) 65403-07007 REV. "K" or latest revision, and all details and specifications referenced therein.

I. Material for P/N (78286) 65403-07007-041 shall be procured from OEM approved sources.

II. 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 (Refer to contract section C).
- E. Site Survey may be required.
- F. **Pre-Award Survey required.**

III. Supplemental Requirements

A. Additionally, para. 3.1 to 3.5, 5.1, 5.2, 6.1, 6.2 of MIL-Q-9858 or ISO 9000 equivalent applies. Specifications SS-9210 Machined Parts, SS-5100 Holes, SS-9300 Bolt and Nut Torque, SS-8797 Part Marking and MIL-STD-100 Drawing Interpretation apply.

1. For Drawing No. 65403-07007-041 Rev. K specification SS-8630 and MS-33540 General Safety Wiring Practices applies.
2. For Sub-assembly Drawing No. 65403-07008 Rev. E, specifications SS-8630, SS-8797, SS-9210 and SS-9300 apply.
3. For Sub-assembly Drawing No. 65403-07009 Rev. G, MIL-I-6866, MIL-C-8514, MIL-P-23377, MIL-L-19538, MIL-S-7742, QQ-A-225/6 (or QQ-A-200/3 Note 3) and specifications SS-8043 and SS-5100 apply.
4. For Sub-assembly Drawing No. 65403-07010 Rev. G, MIL-I-6866, MIL-S-7720, MIL-S-7742 and specifications SS-8435 and SS-5100 apply.
5. For Sub-assembly Drawing No. 65403-07011 Rev. G, MIL-I-6866, MIL-A-8625, QQ-A-225/6 (or QQ-A-200/3 Note 3) and specification SS-8043 apply.
6. For Sub-assembly Drawing No. 65403-07012 Rev. D, MIL-T-10727, MIL-S-13165, QQ-W-470 and **MANDATORY SPECIFICATIONS** apply.

7. For Sub-assembly Drawing No. 65403-07013 Rev. D, MIL-I-6866, MIL-A-8625, MIL-S-7742, QQ-A-225/6 (or QQ-A-200/3 Note 3) and specifications SS-8043 and SS-5100 apply.

- B. 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 and/or Production Lot Testing without approval from the Engineering Support Activity (ESA) via the PCO.
- C. The Inspection Method Sheets, which list the characteristics of each item produced under the contract, shall have serial number trace ability 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 dimension taken of all critical characteristics.
- D. Markings should be I/A/W MILSTD-130 REV "K" Para. 5.3.3 (a), (b), (c) and (g). Method and location shall be in accordance with the drawing.

IV. 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 and documentation of dimensions taken shall apply.
- 2. Major and Minor Characteristics: LOI shall be I/A/W a sampling plan acceptable to the QAR

B. Critical Characteristics P/N (78286) 65403-07007-041:

- 1. Subassembly 65403-07007 (Rev. K) Notes 1 through 4.
- 2. Subassembly 65403-07009 (Rev. G) Notes 1 through 4 and Cylinder Material Specification QQ-A-225/6 or Alternate Material Specification QQ-A-200.
- 3. Subassembly 65403-070010 (Rev. G) Notes 1 and 2, Critical Rod Diameter Tolerance 0.002" and MIL-S-7720 (302 Cond. A).
- 4. Subassembly 65403-070011 (Rev. G) Notes 1 through 4, Critical Diameter Tolerance 0.002", Flange Material Specification QQ-A-225/6 or Alternate Material Specification QQ-A-200/3.
- 5. Subassembly 65403-070012 (Rev. D) Mandatory Specifications and Notes 2 through 4.
- 6. Subassembly 65403-070013 (Rev. D) Notes 1 through 4, Critical Diameter Tolerance 0.002", and Cap Material Specification QQ-A-225/6.

C. Major and Minor Characteristics:

1. Shall be defined by the contractor subject to QAR 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. First Article Inspection/Test Criteria:

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

- A. Dimensional Check.
- B. Form/Fit.
- C. Compliance with drawings (78286) 65403-07007 REV. "K", and specifications referenced therein.
- D. Review documentation as provided under DD1423 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, provided the samples have inspection approval of the cognizant QAR. At least 2 samples of each part and one complete set of subassemblies (ready for assembly into test unit) are required. 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) will be returned to the contractor, if not destroyed in testing.

EST COST & WAIVER & TESTING SITE Cherry Point Code 6.1.523

C. Estimated cost: TBD.

D. Waiver of First Article Testing Requirements may be granted for (78286) Sikorsky Aircraft. Waiver of First Article Testing Requirements may be granted for (OGNC3) Fontal Controls, provided they rectify two corrections identified during First Article Testing conducted by Warner Robins Air Logistics Center. The required corrections are: (1) The assembly must be properly adjusted in accordance with Note 2 of drawing 65403-07007, and (2) The assembly shall be properly lock wired in accordance with the general procedures in MS-33540 General Safety Wiring Practices.

III. Testing shall be performed at the Government designated facility listed below:

NADEP Cherry Point (N65923)
P.O.C., Annie Thomas Code: 6.1.523
PSC Box 8021 / Bldg. 137
MCAS Cherry Point, NC 28533-5030

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 PCO. 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 PCO with duplicate copies to the designated test facility. The envelopes shall be clearly marked. **"DO NOT OPEN IN MAILROOM"**.

Within 90 days after receipt sample(s) the test site shall complete testing/evaluation and submit two (2) copies of their test report with conclusions and recommendations to the DLA.

A. The contractor shall deliver 2 units of lot/item 0001 and one complete set of subassemblies (ready for assembly into test unit) within 180 calendar days from the date of this contract to the Government at:

NADEP Cherry Point (N65923)
P.O.C., Annie Thomas Code: 6.1.523
PSC Box 8021 / Bldg. 137
MCAS Cherry Point, NC 28533

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 90 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.

D. 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.

E. 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.

F. 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.

G. 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.

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

I. 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.

J. 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.

K. 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 DLA with copies to DLA and 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.

PRODUCTION LOT TESTING REQUIREMENTS (Witnessed and Accepted at the Contractor's Facility)

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

THE PRODUCTION LOT INSPECTION SHALL BE PERFORMED AT THE CONTRACTORS FACILITY WITNESSED AND ACCEPTED BY THE DCMA/QAR

I. Production Lot Test Sampling Requirements:

A. The cognizant CAO/QAR shall select two (2) item(s) 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. Sample(s) are to be unpainted. Corrosive areas 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, (78286) 65403-07007 REV. "K", and associated sub-assembly drawings, latest revisions, and specifications referenced therein.

A. Form/Fit

B. Dimensional Check

C. Review of documentation as provided under CDRL (DD 1423)

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

III. Testing Location, Cost and Estimated Lead-time

A. The Production Lot inspection shall be performed at the contractors plant, by the contractor and witnessed and accepted by the DCMA/QAR. Within fifteen (15) days of completion of Production Lot Testing the CAO/QAR shall prepare and submit two (2) copies of their test report with conclusions and recommendations to the Contracting Officer. All DD1423 requirements apply.

IV. Distribution of Samples

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 DCMA. 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.

PRODUCTION LOT SAMPLES TESTING (Conducted at Contractor's Facility)

- A. The Production Lot Samples shall be selected at random by the cognizant government inspector. If the contractor fails to provide any Production Lot Samples for testing within the time or times specified, or if the contracting officer disapproves any Production Lot Samples, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract, and this contract shall be subject to termination for default.
- B. In order for a Production Lot to be acceptable, all samples representative of the lot must pass all the contract requirements. In the event a sample fails to pass such requirements, the lot will be rejected. In such event, the government may, at its option and at no additional cost to the government, (I) terminate all or any portion of this contract for default, (II) require the manufacture of a new Production Lot, or a rework of the rejected Production Lot if the means and procedures by the contractor for rework are acceptable to the government, or (III) require the submission of additional samples for test. The foregoing procedures shall apply to new or reworked Production Lots in the same way as they did to the original Production Lot.
- C. For each additional sample or each resubmission of a modified sample which the contractor is required to submit for approval hereunder as a result of a failure of a previous sample to conform to the requirements of the specification, the contractor shall pay to the government the costs of re-inspection, examination and retesting and the contractor and his sureties (if any) shall be liable for the amount of such costs.
- D. Nothing contained in the foregoing provisions of this clause, and no action of the government in accordance herewith, shall in any way prejudice the right of the government under the clause of this contract entitled Default.