



# CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

FORM APPROVED  
OMB NO. 0704-0188

PUBLIC REPORTING BURDEN FOR THIS COLLECTION OF INFORMATION IS ESTIMATED TO AVERAGE 440 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 DEPT. OF DEFENSE, WASHINGTON HEADQUARTERS SERVICES, DIRECTORATE FOR INFORMATION OPERATIONS AND REPORTS, 1215 JEFFERSON DAVIS HWY., SUITE 1204, ARLINGTON, VA. 22202-4302, AND TO THE OFFICE OF MANAGEMENT AND BUDJET, PAPERWORK REDUCTION PROJECT (0704-0188), WASH. DC 20503. PLEASE **DO NOT RETURN** YOUR FORM TO EITHER OF THESE ADDRESSES. 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      TM      OTHER	
D. SYSTEM/ITEM 9G 1615 00-255-2905			E. CONTRACT/PR. NO.		F. CONTRACTOR
1. DATA ITEM NO. 3	2. TITLE OF DATA ITEM REQUEST FOR WAIVER			3. SUBTITLE	
4. AUTHORITY (Data acquisition document No.) DI-CMAN-80640B		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DEFENSE SUPPLY CENTER RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES Draft      Final Reg      Repro
16. REMARKS				DCMC / ACO	1/0
				DCMC / QAR	1/0
				PCO	1/0
				NAVICP-P	1/0
				15. TOTAL	4/0
1. DATA ITEM NO. 4	2. TITLE OF DATA ITEM REQUEST FOR DEVIATION			3. SUBTITLE	
4. AUTHORITY (Data acquisition document No.) DI-CMAN-80641B		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DEFENSE SUPPLY CENTER RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION	
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16. REMARKS				DCMC / ACO	1/0
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				PCO	1/0
				NAVICP-P	1/0
				15. TOTAL	4/0
G. PREPARED BY <i>John D. Leighty</i>		H. DATE	I. APPROVED BY <i>John D. Leighty</i>		J. DATE <i>pg 2 of 3</i>



## **QUALITY ASSURANCE PROVISIONS**

NSN: 1615 00-255-2905

P/N: (97499) 204-011-405-13

NOMEN: Hub Assembly Collective H 1 aircraft

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (97499) 204-011-405-13 Rev. "R", or latest revision and all details, assemblies and specifications referenced therein.

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

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

### **II. Supplemental Requirements**

A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent apply.

B. The contractor shall identify on the process/operation sheets 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 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 traceability to the raw material, casting, or forging. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken

D. Markings should be in accordance with MIL-STD-130 Rev. "K" paragraph 5.3.3(a), (b), (c), and (g). Method and location shall be in accordance with the 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 in accordance with a sampling plan acceptable to the QAR.

B. Critical Characteristics:

**DRAWING : 204-011-405-13: make from 204-011-432-1F forging**

*Critical Characteristics: for -15 Hub (mach)*

**Zone 3A**

This data block to be maintained in its entirety and verified during testing/inspection.

**Zone 4C (NI)**

.4990/.4995 dia. 2 places maintaining a surface texture of 16 microinch  
.4995/.5000 dia.- Roller burnish- 2 places to enlarge holes .00015 min. on dia. for 1.0 min. depth from each face, finish to be bright and free of tool marks.

**Zone 3D**

Dia. C 5.2496/5.2500

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, Mylar's, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject items will not be provided by the Government or any other source and is the sole responsibility of 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

## **PRODUCTION LOT TESTING REQUIREMENTS**

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

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

A. The cognizant CAO/QAR shall select two (2) item (s) at random from the production lot. In addition the QAR shall select one (1) item (s) 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 drawing (97499) 204-011-405-13 rev. "R" and all specification referenced therein.

B. Dimensional Check

In addition to the above tests, the Production Lot Sample(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**

A. Ship sample(s)/data to

NADEP Cherry Point  
F.A.T. Control Center  
Attn: Annie Thomas, code 6.1.523  
PSC Box 8021  
MCAS Cherry Point, NC 28533-5030

B. Shipping container marking: NON RFI

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.