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:
5365 01-147-4681		TDP☐ TM☐ OTHER☐
D. SYSTEM/ITEM	**E. CONTRACT/PR NO.**	**F. CONTRACTOR**

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
1	CERTIFICATION DATA REPORT	COMPLETE PROCESS OPERATION SHEETS	

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MISC-80678/T1		DEFENSE SUPPLY CENTER RICHMOND	

7. DD250 REQ	9. DIST STATEMENT REQUIRED	10 FREQUENCY	12 DATE OF FIRST SUBMISSION	14. DISTRIBUTION
LT		AS REQ.	SEE BLOCK # 16	
8. ADP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	
A		AS REQ.	SEE BLOCK # 16	

16. REMARKS

PARA. 10.1,10.2,10.2.1,10.2.2,10.2.4,10.5
*UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE (S)
** IF PROCESS OPERATION SHEETS CHANGE AFTER SUCCESSFUL COMPLETION OF FAT/PLT

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
DCMC/ACO		1/0	
DCMC/QAR		1/0	
PCO		1/0	
15. TOTAL		3/0	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
2	CERTIFICATION DATA REPORT	COMPLETE INSPECTION METHOD SHEETS	

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. RE2QUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MISC-80678/T2		DEFENSE SUPPLY CENTER RICHMOND	

7. DD 250 REQ	9. DEST STATEMET REQUIRIED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14 DISTRIBUTION
LT		AS REQ.	SEE BLOCK # 16	
8. ADP CODE		11AS OF DATE	13DATE OF SUBSEQUENT SUBMISSION	
A		AS REQ.	SEE BLOCK # 16	

16. REMARKS

PARA. 10.1,10.2,10.2.1,10.2.2,10.2.4,10.5

*UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE (S)
** AT TIME OF CONTRACT COMPLETION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
DCMC/ACO		1/0	
DCMC/QAR		1/0	
PCO		1/0	
15. TOTAL		3/0	

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
NAVICP-P	October 15,2004	NAVICP-P	October 15,2004

CONTRACT DATA REQUIREMENTS LIST
(2 Data Items)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP☐ TM☐ OTHER☐
D. SYSTEM/ITEM 5365 01-147-4681	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
3	REQUEST FOR WAIVER		

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-CMAN-80640C		DEFENSE SUPPLY CENTER RICHMOND	

7. DD250 REQ	9. DIST STATEMENT REQUIRED	10 FREQUENCY	12 DATE OF FIRST SUBMISSION
LT		AS REQ.	SEE BLOCK #16
8. ADP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		AS REQ.	SEE BLOCK #16

16. REMARKS

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
DCMC/ACO		1/0	
DCMC/QAR		1/0	
PCO		1/0	
NAVICP-P		1/0	
15. TOTAL		4/0	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
4	REQUEST FOR DEVIATION		

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. RE2QUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-CMAN-80640C		DEFENSE SUPPLY CENTER RICHMOND	

7. DD 250 REQ	9. DEST STATEMET REQUIRIED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		AS REQ.	SEE BLOCK #16
8. ADP CODE		**11 AS OF DATE**	**13 DATE OF SUBSEQUENT SUBMISSION**
A		AS REQ.	SEE BLOCK #16

16. REMARKS

14 DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
DCMC/ACO		1/0	
DCMC/QAR		1/0	
PCO		1/0	
NAVICP-P		1/0	
15. TOTAL		4/0	

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
NAVICP-P	October 15,2004	NAVICP-P	October 15,2004

INSTRUCTION FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNM

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 it 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 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 i s estimated to be attributable to the production development for the Government of that items 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

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXH/ATCH NO.	C. CATEGORY:
		TDP TM OTHER

D. SYSTEM/ITEM 5365 01-147-4681	E. CONTRACT/PR	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
5	**CERTIFICATION DATA/ REPORTS**		

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MISC-80678/T3		**DEFENSE SUPPLY CENTER RICHMOND**	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION
LT		**AS REQ**	**SEE BLOCK 16***	
8. ADP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	
A		**AS REQ**	**SEE BLOCK 16****	

16. REMARKS

PARA. 10.1,10.2,10.2.1,10.2.2,10.2.4,10.5 apply

*** BLOCK # 12- UPON SUBMITTAL OF FIRST ARTICLE SAMPLE (s) AND/OR PRODUCTION LOT SAMPLE (s).**

****BLOCK # 13- REPORTS SHALL BE PROVIDED FOR THE BELOW LISTED SUB-TITLES.** These certifications are required at time of First Article/Production Lot testing or contract completion if testing is waived.

CERTIFICATION REPORTS FOR PRIME (OEM) PROCESSES AND MATERIAL SPECIFICATIONS SHALL INCLUDE,

CERTIFICATION THAT ALL VENDORS PREFORMING THESE PROCESSES ARE PRIME (76301) McDonnell/Boeing APPROVED FOR THEIR SAID PROCESS

BLOCK # 5- CONTRACT REFERENCE: 74A410709-2005
Certifications are required for the below listed sub-titles
Material: 4340 V mod. VAR per SAE/AMS 6411
Penentrant insp per PS21202 class A
Finish per STF1159
Finish per STF1723
magnetic particle insp. perPS21201 class B
temper etch per PS21205 and note #12
stress relieve per PS15063 and note #10
Shot peen per note#24
Heat treat per PS15130 (PS 15000.6)to 220-240 ksi
Finish per STF1750

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
DCMC/ACO		1/0	
DCMC/QAR *		1/0	
PCO **		1/0	

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
NAVICP-P	October 15,2004	NAVICP-P	October 15,2004

QUALITY ASSURANCE PROVISIONS

NSN: 5365 01-147-4681
P/N: (76301) 74A410709-2005
NOMEN: Retainer-Split Lock Upper Brace MLG

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number ***(76301) 74A410709-2005 Rev "H"***, or latest revision and all details, assemblies, and specifications referenced therein. This Jacksonville EO/ECN: EO-C001 is being used in lieu of the basic drawing requirements; these requirements are to be incorporated into the DLA contract.

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. "L". 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 : ***(76301) 74A410709-2005 Rev "H"***

Inspectable characteristics:

(Shall be defined as below, unless defined by the Prime Contractor (76301)

Zon3 B5
2.750-12 Butt-3 modified thread pitch dia are to be maintained before and after plating.

Zone C6
2.3150 +.0025/-.0000 dia.

Zone C7
1.572 +.0033/-.0000

Zone D8
Datum-B- .280 +.005/-.000 12 slots equally spaced and maintained symmetrical to datum D within .005 total

Zone C8
2.176 +.002/-.000 dia. circular runout in relation to datum D within .002 total

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 and is the sole responsibility of the of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing

FIRST ARTICLE TESTS REQUIRED (Government Testing)

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 % of finished part

B. Form / Fit

C. Compliance with drawing ***(76301) 74A410709-2005 Rev "H",*** and all details, assemblies, specifications referenced therein.

D. Review documentation as provided under DD 1423 requirements.

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

II. **Special Instructions:**
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.

Notification of Shipment of Material For Government Testing:
A. Fourteen (14) days prior to shipment of First Article Sample (s) the contractor shall notify the designated test facility, in writing of the antisapapated shipping date, with an information copy to the PCO, ACO, and QAR The contractor shall also arrange for preliminary inspection of test samples by the CAO/QAR.

B. 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 PCO / ACO and the designated test facility. The envelopes shall be clearly marked, "DO NOT OPEN IN MAILROOM".

FIRST ARTICLE APPROVAL (GOVERNMENT TESTING)

A. The contractor shall deliver two (2) units of lot / item 001(one test sample shall not have any surface treatments to verify dimensions) within 180 calendar days from the date of this contract to the government designated facility listed below.

Naval Aviation Depot
Attn: 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 FOR 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 that are specified elsewhere in this contract.

B. 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 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. 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.

C. 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.

D. Unless otherwise provided in the contract, and if the approved First Article is not consumed or destroyed in testing, the contractor-

1) May deliver the approved First Article as part of the contract quantity if it meets all contract requirements for acceptance.

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

E. If the Government does not act within the time specified the contracting officer shall, upon timely written request from the contractor, equitably adjust under the change 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 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.

I. The contractor shall provide specific written notification to the procuring contracting officer informing him/her of the shipment of any articles furnished in accordance with this clause. Such notification must be addressed to the attention of the ACO with copies 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.

PRODUCTION LOT TESTING REQUIREMENTS: (CONTRACTOR TESTING)

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 ***(76301) 74A410709-2005 Rev "H",*** 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**

Contractors Facility

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.

Shipment and Distribution of Sample(s):

NOTIFICATION OF TESTING: The contractor shall notify the PCO, ACO and QAR prior to conducting Production Lot Tests so that the Government may witness such testing

A. The QAR shall be present to witness all required Inspections/ Tests.

B. Upon completion of Production Lot Testing, 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 PCO / ACO. The envelopes shall be clearly marked, "DO NOT OPEN IN MAILROOM".

C. Sample(s) may be considered as production items under the contract provided sample(s) can be refurbished to ready For Issue (RFI) condition and provided sample(s) have inspection approval of the cognizant DCMAO. 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.