

QUALITY ASSURANCE PROVISIONS

NSN: (9Z) 5306-01-197-4450
P/N: (76301) 75A650016-2003
NOMEN: Pin, forward flap actuator

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (76301) 75A650016 Rev. "B" and drawing number (76301) PL 75A650016 "Rev. B or latest revisions, and all details, notes, 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 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 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. 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 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 (76301)75A650016 and DRAWING PL 75A650016

Critical Characteristics:

(Shall be defined as below, unless defined by the Prime Contractor (88277) Boeing

Diametrical and liner dimensions having a total tolerance of 0.001 or less.

Surface finishes having a 16 value or less.

Any geometric feature control requirements with a total tolerance range of 0.002 or less.

Angular tolerances with a total range less than (1) one degree.

Threads specified to class (3) three or greater.

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

FIRST ARTICLE TEST REQUIREMENTS (CONTRACTOR 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)75A650016 Rev "B" and drawing PL 75A650016 Rev. "B" or latest revision, and all related specifications, as applicable.

(F.A.T. requirements continued)

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.

A. Marking of test sample (s)

"FOR FIRST ARTICLE TESTING. NOT FOR RFI, DO NOT TAKE UP IN STOCK". CONTRACT NUMBER:

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 of 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.

(F.A.T. requirements continued)

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 changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

F. 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.

G. 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.

H. The contractor shall provide specific written notification to the procuring contractor 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.

(Production Lot Test Requirements continued)

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

A. Compliance with drawing (76301)75A650016 Rev "B" and drawing PL 75A650016 Rev. "B" and all specifications 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.

C. If the contractor fails to deliver 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. This contract shall be subject to termination for default.

D. 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 an 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.

E. 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 reinspection, examination and retesting and the contractor and his sureties (if any) shall be liable for the amount of such costs.

F. 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.

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 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 5306-01-197-4450	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO. 0001	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS	3. SUBTITLE COMPLETED PROCESS OPERATION SHEETS	17. PRICE GROUP
--------------------------	---	---	-----------------

4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR	18. ESTIMATED TOTAL PRICE
---	-----------------------	-----------------------------	---------------------------

7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	14. DISTRIBUTION				
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16 **	a. ADDRESSEE		b. COPIES		
				Draft	Final			
				DCM/CAO		1/0		
				OCM/QAR		1/0		
				NAVICP-P 0731		1/0		
				PCO		1/0		
				15. TOTAL		4/0		

1. DATA ITEM NO. 0002	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS	3. SUBTITLE COMPLETED INSPECTION METHODS SHEETS	17. PRICE GROUP
--------------------------	---	--	-----------------

4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T	5. CONTRACT REFERENCE	6. REQUIRING OFFICE NAVICP-P	18. ESTIMATED TOTAL PRICE
---	-----------------------	---------------------------------	---------------------------

7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	14. DISTRIBUTION				
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**	a. ADDRESSEE		b. COPIES		
				Draft	Final			
				DCM/CAO		1/0		
				DCM/QAR		1/0		
				NAVICP-P 0731		1/0		
				PCO		1/0		
				15. TOTAL		4/0		

PREPARED BY ICP-P	H. DATE 08-19-02	I. APPROVED BY NAVICP-P	J. DATE 08-19-02
----------------------	---------------------	----------------------------	---------------------

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 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 5306-01-197-4450	E. CONTRACT/PR NO.	F. CONTRACTOR
---	---------------------------	----------------------

1. DATA ITEM NO. 0003	2. TITLE OF DATA ITEM REQUEST FOR DEVIATION	3. SUBTITLE	17. PRICE GROUP
--------------------------	--	-------------	-----------------

4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR	18. ESTIMATED TOTAL PRICE
---	-----------------------	-----------------------------	---------------------------

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		
					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
--------------------------	---	-------------	-----------------

4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR	18. ESTIMATED TOTAL PRICE
---	-----------------------	-----------------------------	---------------------------

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		
					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 ICP-P	H. DATE 08-19-02	I. APPROVED BY NAVICP-P	J. DATE 08-19-02
-------------------------	---------------------	----------------------------	---------------------

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 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 5306-01-197-4450	E. CONTRACT/PR NO.	F. CONTRACTOR	

1. DATA ITEM NO. 0005	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT	3. SUBTITLE	17. PRICE GROUP
---------------------------------	---	--------------------	------------------------

4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR	18. ESTIMATED TOTAL PRICE
--	------------------------------	------------------------------------	----------------------------------

7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	14. DISTRIBUTION		
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION 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 SUBMISSION OF FIRST ARTICLE TEST BLOCK 13 ** AT TIME OF CONTRACT COMPLETION BLOCK 3 REPORTS SHALL BE PROVIDED FOR THE BELOW LISTED SUBTITLES. CERTIFICATION REPORTS FOR PRIME PROCESS AND MATERIAL SPECIFICATIONS SHALL INCLUDE CERTIFICATION THAT ALL VENDORS PERFORMING THESE PROCESSES ARE PRIME APPROVED SOURCES. Material Certification Report: Material description and material certification as defined on Parts List drawing (76301) 75A650016. Rev. B or latest revision. (2) PROCESS CERTIFICATIONS: I/A/W all applicable notes on Parts List drawing (PL) (76301) 75A650016, Rev. B or latest revision.	15. TOTAL 4/0
---	-------------------------

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
-------------------------	------------------------------	--------------------	------------------------

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
---	------------------------------	----------------------------	----------------------------------

7. DD 250 REQ	9. DEST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14 DISTRIBUTION		
8. ADP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION			

16. REMARKS	15. TOTAL
--------------------	------------------

G. PREPARED BY NAVICP-P	H. DATE 08-19-02	I. APPROVED BY NAVICP-P	J. DATE 08-19-02
-----------------------------------	----------------------------	-----------------------------------	----------------------------