

QUALITY ASSURANCE PROVISIONS

25 JANUARY 2003

NSN: 9G 1680-01-140-3889
P/N: (76301) 74A542010-1009
NOMEN: MOUNT ASSY., GEARBOX

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (76301) 74A542010 Rev. "B", or latest revision 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. Mandatory Inspection 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. "J" 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) 74A542010-1009 REV."B"

Critical Characteristics:

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

1. Diametrical and linear dimensions, having a total tolerance of 0.002 or less.
2. Surface finish having a 16 value or less.
3. Any geometric feature control requirements with a tolerance range of 0.002 or less.
4. Angular tolerances with a range less than (1) one degree (60 minutes) or less.

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.

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 of detail p/n 74A542012-2009. Note: verification of before coating/plating dimensions via review of contractors inspection documents is acceptable.
- B. Form
- C. Compliance with drawing, (76301) 74A542010-1009 REV."B" or latest revision and all details and specifications referenced therein.
- D. Review documentation as provided under DD 1423 requirements.
- E. Material Verification

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. Notification of First Article Test For Government Testing:

- A. Fourteen (14) days prior to First Article Testing the contractor shall notify the designated test facility (DMC/QAR) in writing of the anticipated Test date, with an information copy to the PCO and ACO.

FIRST ARTICLE APPROVAL (GOVERNMENT TESTING)

- A. The contractor shall deliver two (2) units of lot / item 001 within 120 calendar days from the date of this contract to the government DCMA/QAR for inspection. For First Article Test, the documentation shall contain the 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. 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.
- C. The contractor shall produce both the First Article and the production quantity at the same facility and shall submit a certification to this effect.