

**Defense Industrial Supply Center
Quality Assurance Provision
QAP-N0073**

NSN 5306-00-377-4396

**16 Mar 1998
Page 1 of 2**

- 1. This Quality Assurance Provision is to be used in conjunction with the following drawing: Pratt & Whitney Aircraft (77445) drawing ST2150 and is applicable to the following item: Bolt, machine, NSN 5306 - 00 - 377- 4396.**
- 2. This item is used on the F - 15 and F - 16 aircraft primary propulsion system, F100 engine model series and is considered extremely critical.**
- 3. First Article Test Requirements are as follows:**
 - 3.1 First Article Test Sample shall consist of five (5) each from each contract subject to First Article Testing at the contractor's plant. The testing shall be monitored by the cognizant QAR to assure compliance to all drawing requirements.**
 - 3.2 The First Article Testing shall consist of the following:**
 - 1. Dimensional conformance to the drawing.**
 - 2. Material properties; to include mechanical properties, metallurgical properties and chemical composition.**
 - 3.3 Preparation of First Article Test Report shall be in accordance with MIL-STD- 831.**
 - 3.4 The First Article Test Report and all certifications shall be forwarded to DISC - P for approval or disapproval. The evaluation of the test report will require 30 days.**

4. Scheduled leadtime is estimated as follows:

Action	Action Activity	* Calendar Days
Submission of First Article Test Report	Contractor	90
Approval of Test Report & Notification of Contractor Production	DISC	15
		120
	Total Days	225

*Calendar Days are subsequent to date of contract.

Notify DISC - P 10 days prior to delivery of First Article Test Report.

5. Mandatory Inspection Requirements. During production, inspection is required to be accomplished by the contractor as follows:

5.1 Level of Inspection (LOI) shall be in accordance with the latest revision of DISC QAP-EQ001.

5.2 Classification of Defects:

Major

1. .250 - 28 UNJF - 3A
2. Dimension A
3. Dimension B
4. Dimension C
5. Perpendicularity of head bearing surface to shank
6. Straightness of shank
7. .006 circular runout

Minor

1. All other dimensions