

Quality Requirements Q2R - First Article Inspection (FAI)

* Added

** Revised

Notice: A hard copy of this document may not be the document currently in effect. The current version is always the version on the Lockheed Martin network.

- A. Seller shall verify purchase order ("PO") compliance of Items (including "items" and "Work" as such terms may be used in this PO's definitions), by successful First Article Inspection ("FAI") that includes Seller's drawings, planning, technical instructions, processing, tooling, inspection, and test equipment, and personnel proficiency.

- B. Unless otherwise set forth in this PO, FAI applies to the first Item or lot of end Items, sub-assemblies and detail Items. The following Items shall not require FAI, unless otherwise directed by Buyer:
 - 1. industry standard hardware and electronic piece parts such as NAS, AN, MS,
 - 2. Items procured to Seller's part number
 - 3. commercial off the shelf ("COTS") Items,
 - 4. metallic and non-metallic raw materials,
 - 5. engineering models, design/concept prototypes and production Item numbers delivered for nonproduction applications (such as qualification testing),
 - 6. Items that have been manufactured and delivered to the U.S. Government where Seller has objective evidence of either:
 - a. A FAI performed for the U.S. Government to the same configuration as required by this PO, or
 - b. Documented U.S. Government acceptance to the same configuration as required by this PO

 - 7. Items that are non-production spares for an after-market program or programs.

NOTE:

For machined Items, Seller shall perform dimensional verification, prior to hand blending or application of finish.

- * C. For "Seller-Designed" Items associated with an LM Aero Source Control Drawing and/or Specification Control Drawing, the Seller shall, at a minimum, meet those requirements specified on LM Aero's drawing and document the results within the FAI report.
- D. Seller shall verify accuracy and adequacy of drawings, planning, tooling, correct materials and parts, dimensional conformance to approved drawings, identification and marking, and compliance with all QCS-001 controlled processing (such as nondestructive testing, heat treat, plating, etc.) requirements. Seller shall also verify compliance with design specifications, completion and documentation of safety of flight, qualification testing, and acceptance test document with Buyer approvals as specified in this PO.
- E. Seller shall assure discrepancies and nonconformances, if any, discovered during the FAI are documented and dispositioned by the appropriate Material Review Board ("MRB") actions; (Seller's MRB for Seller design, and Buyer's MRB for Buyer Design). Seller's rejection documentation, Buyer's/Seller's dispositions, and Seller's corrective action taken shall become part of the FAI report/documentation.
- F. Seller shall document results of the FAI on each deliverable Item. Data sheets for sub-assemblies, test records, certifications, and other substantiating data shall be part of the FAI report/documentation and Seller shall maintain FAI report/documentation for the period specified by this PO. Seller shall provide to Buyer, within 48 hours of Buyer's request, a complete copy of FAI reports at no increase in the price or fee of this PO.
- G. Seller shall notify Buyer in advance of any changes in manufacturing locations or processes affecting Items delivered under this PO. Buyer reserves the right to request Seller to perform a complete or partial FAI at no increase in price or fee of this PO to ensure that the changes have had no adverse affect on Items delivered under this PO.
- H. Seller shall present complete FAI report/documentation to Buyer for validation with the submittal of first lot of Items for acceptance and, if requested by Buyer, for subsequent lots.

- ** I. Seller shall contact Buyer's assigned Procurement Quality Assurance Representative a minimum of 5 days prior to creating the FAI plan and/or starting the FAI. Buyer's assigned Quality Assurance Representative shall review the FAI plan and/or participate in the FAI process at any time from inception until FAI is complete. The degree of the Buyer's Representative's participation will be dependent on the complexity/criticality of the Item and Seller's performance to Buyer's requirements.

- ** J. At Seller's discretion, Seller can use the forms shown in AS9102A, Appendix A, to document FAI results.