

## Q2A – First Article Inspection (FAI) – AS9102A

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\* Revised

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Note 1: 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.

\* Note 2: The terms “Item,” (plural “Items”), “PO”, “Buyer” and “Seller” used herein shall have the same meaning as the terms “Work”, “Contract”, “LOCKHEED MARTIN”, and “SELLER”, respectively, as may be defined in another provision of the Purchase Order of which this Quality Clause Q2A is a part (this “PO”).

A. Seller shall establish and maintain internal processes for the accomplishment of each First Article Inspection (“FAI”) in accordance with AS9102A. FAIs are performed to ensure delivered Items are in compliance with requirements of this PO.

Seller may obtain copies of AS9102A from Society of Automotive Engineers at: [www.sae.org](http://www.sae.org). Forms can be obtained at: <http://www.sae.org/aaqg/publications/as9102a-faq.htm>

B. Distributors that procure Buyer designed Items shall ensure that the manufacturer has performed FAI and that documentation is available upon request.

C. For “Seller-Designed” Items associated with an LM Aero Source Control Drawing and/or Specification Control Drawing, Seller shall, at a minimum, meet those requirements specified on LM Aero’s drawing and document the results within the FAI report.

D. 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. standard hardware and electronic piece parts (AN, MS std. hardware, etc.),
2. Items procured under this PO to Seller’s part number,
3. Commercial Off the Shelf (“COTS”) Items,
4. metallic (plate, bar, rod, etc.) and non-metallic (paints, sealants, adhesives, etc.) raw materials,
5. engineering models, design/concept prototypes and production Item numbers delivered for non-production applications (such as qualification testing, lab use only assets)
6. Items that have been manufactured and delivered to the U.S. Government where Seller has objective evidence of either:
  - a. a FAI performed, within the past two (2) years from date of this PO, for the U.S. Government to the same configuration as required by this PO, or
  - b. documented U.S. Government acceptance, within the past two (2) years from date of this PO, to the same configuration as required by this PO,
7. Items that are spares for an after-market program or programs,
8. Items that have been returned by Buyer for either rework and/or repair, or
9. Items procured to Buyer's part number where Buyer has not developed drawings and/or specifications controlling the Item’s physical and functional requirements.

E. Seller shall contact Buyer’s assigned Procurement Quality Assurance Field Engineer (“PQAFE”) a minimum of 5 days prior to creating the FAI plan and/or starting the FAI. Buyer’s

assigned PQAFE 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 PQAFE participation will be dependent on the complexity/criticality of the Item and Seller's performance to Buyer's requirements.

- \* F. If and when Seller incorporates any engineering change (including software/firmware) that affects form, fit, function, safety, or reliability into the Item, Seller, without further direction from Buyer, shall perform partial or full FAI as required by AS9102A.
- G. Seller shall ensure discrepancies and non-conformances, 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 shall become part of the FAI report.
- H. Seller shall comply with the forms usage and completion requirements stated in AS9102A paragraph 5.5.1. Seller shall complete all fields but may mark field as not applicable by indicating "N/A", if appropriate.
- I. Seller shall present complete FAI documentation records to Buyer's PQAFE for validation with the submittal of the first lot of Items for acceptance and, if requested by such PQAFE, for subsequent lots.
- J. Seller shall maintain documentation of FAI results on each deliverable end Item for the period specified by this PO. Seller shall provide to Buyer, within 48 hours of a request by Buyer, a complete copy of FAI reports at no increase in the cost, price, or fee of this PO.
- K. Seller shall notify Buyer's assigned PQAFE a minimum of 5 days prior to creating or starting of any changes identified in AS9102A paragraph 5.2 and 5.3 affecting Items delivered under this PO. Upon request by Buyer, if any, Seller shall perform a complete or partial FAI at no increase in the cost, price or fee of this PO to ensure that the changes have had no adverse affect on Items delivered under this PO. Seller shall submit documentation of complete or partial FAIs accomplished as a result of such changes to Buyer's assigned PQAFE with Seller's first submittal of new configuration Items for acceptance.
- L. Seller shall obtain written authorization from Buyer, including Buyer's Quality Assurance, if and when deviations and/or deferrals of the FAI requirement are beyond the scope of Paragraph D.
- M. Seller may use Quality Clause Q2A Revision 4 to meet FAI requirements in any other purchase order with prior versions of Quality Clause Q2A imposed between Buyer acting for and through Lockheed Martin Aeronautics Company, and Seller provided that Seller does so at no increase in price, cost or fee of this PO.
- \* N. Seller shall comply with AS9102 Revision A Paragraph 5.3 sub-paragraph 5 for all Items where Seller completed the initial FAI to the requirements of Quality Clause Q2A.