

**Raytheon Quality Note**  
**DD****Revision - Date**  
**12 – 8/17/2020**

## **FIRST ARTICLE INSPECTION – RAYTHEON APPROVAL AT SELLER**

### **REVISION HISTORY**

- Revision 12 replaces revision 11 dated 11/27/2019.
  - Revision 12 changes requirements 1, 2, and 3 to remove AS9102 methodology for First Article Inspection (FAI) performed for supplier design characteristics and eliminate approval requirements for FAI of supplier design characteristics
- The applicable revision of this document is determined by:
  - The revision specified on the purchase order, or
  - The revision in effect at the time of the purchase order if no revision is listed on the purchase order.

### **REQUIREMENTS**

1. For all Raytheon Technical Data Package design characteristics, the Seller shall perform a First Article Inspection (FAI) that conforms to the requirements of AS9102 Revision B, Aerospace First Article Inspection Requirement with the following exceptions:
  - 1.1. Seller shall perform the FAI on one piece per cavity for product of a die or mold.
  - 1.2. Seller shall provide objective evidence (job travelers, packing slips, etc.) for deliveries from old stock to justify FAI validity from last production run if a FAI is not performed.
  - 1.3. Seller shall perform a partial FAI for revision changes of Raytheon Technical Data Package. If there are no affected characteristics from the change, seller shall notate "No Affected Characteristics" in Reason for Partial FAI block.
  - 1.4. The supplier shall perform a delta or full First Article Inspection (FAI) for a lapse in production of two years or more.
2. For all Seller design characteristics, the Seller shall use a representative item from the first production run of a new part or assembly to verify that the production processes, production documentation, and tooling are able to produce parts and assemblies that meet requirements. This activity shall be repeated when changes occur that invalidate the original results (e.g., engineering changes, production process changes, tooling changes) to ensure conformance with all design characteristics.

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- 2.1. Seller shall document and maintain records of this verification. These records shall be retained in accordance with the record retention requirements of the purchase order.
3. The Seller shall have the FAI for all Raytheon Technical Data Package design requirements, including partial or re-accomplishment FAI's, approved by Raytheon prior to shipment of goods.
  - 3.1. Seller shall request Raytheon approval of the FAI at least five (5) business days prior to shipment for domestic shipments and at least ten (10) business days prior to shipment for international shipments.
  - 3.2. Seller shall use the Supplier Request Form posted on the Raytheon Quality Note website to request Source Inspection and / or FAI approval.
  - 3.3. Seller shall ensure Raytheon Quality representative has signed the appropriate customer approval block on the AS9102 compliant form. Seller shall not ship hardware until a signed AS9102 compliant form has been received from Raytheon.
  - 3.4. Seller shall provide evidence of Raytheon FAI approval with initial shipment.
4. Seller shall include all supporting FAI data (sub-assembly and detail reports, objective evidence, certifications, etc.) with the FAI submission.

**DATA SUBMISSION SUMMARY**

- Seller to deliver the following data to Raytheon for Raytheon Approval
  - Seller shall have the FAI for all Raytheon Technical Data Package design requirements, including partial or re-accomplishment FAI's, approved by Raytheon.
- Seller to deliver the following data to Raytheon for information as required by this document
  - Seller shall provide evidence of FAI approval with first shipment after FAI completion.
- There is no recurring deliverable data to Raytheon required by this document once the current supplier FAI and necessary partial FAI's have been approved by Raytheon unless a partial FAI or full FAI is required per AS9102 or requested by Raytheon.

**NOTES**

- Raytheon reserves the right to delegate first article verification to a third party.

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- Raytheon reserves the right to witness and/or participate in the FAI.
- Raytheon reserves the right to review and approve Seller's and Seller's sub-tier's supplier FAI documentation package.
- Raytheon reserves the right to review and approve supplier FAI documentation package remotely.
- AS9102 specifies when to perform a new full FAI or partial FAI in section 4.6 (f).