

**Quality Requirements**  
**Q1R - Commercial Conformity Certifications**

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\*\*\*\*Completely Rewritten\*\*\*\*

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.

Supplier shall understand and abide by the requirements as specified in section I below for articles manufactured/assembled in the United States. For articles manufactured/assembled outside the United States, supplier shall understand and abide by the requirements as specified in section II below.

Conformity inspections verify and provide objective documentation that the test articles, parts, assemblies, installations, functions, and test setups conform to the design data. Title 14 Code of Federal Regulations (CFR), part 21.33(a), requires the applicant to allow the Federal Aviation Administration (“FAA”) to conduct any conformity inspections it chooses during the type certification process. The FAA manufacturing inspector verifies that the product conforms to the drawings, specifications, and special processes.

**This clause is only used when Lockheed Martin has an FAA conformity requirement.**

**I. REQUIREMENTS FOR ARTICLES MANUFACTURED/ASSEMBLED IN THE UNITED STATES**

**Quality Requirements:**

- A. Supplier shall have a quality system approved by Lockheed Martin Aeronautics (LM Aero) Supplier Quality Management (“SQM”). Supplier acknowledges that it is subject to FAA audit in accordance with 14 CFR, Part 21.140, without notice as part of LM Aero SQM approval. (Reference FAA Order 8120.23, Certificate Management of Production Approval Holders).
- B. Per 14 CFR, Part 21, and in accordance with FAA Order 8110.4, articles delivered under this purchase order (“PO”) are subject to FAA certification and manufacturing requirements, which include, but are not limited to, FAA approval of engineering test plans prior to testing, FAA conformity of the test articles, FAA witnessing of tests, and FAA approval of test results.

**Conformity Requirements:**

- A. Supplier shall present articles required to obtain FAA conformity in accordance with FAA Order 8110.4 to the FAA or its authorized designee (DAR/DMIR) on first production articles, as specified by LM Aero.
- B. Coordination with FAA for conformity elements shall be through LM Aero.
- C. **FAA Form 8130-9, Statement of Conformity Requirements:**  
The applicant (LM Aero) must submit FAA Form 8130-9, Statement of Conformity, attesting that the articles are in conformity with the proposed design. The FAA must receive these forms from the applicant before conducting any FAA conformity inspections. Only in this manner can the FAA ascertain that the test articles are true representations of the proposed test articles (see 14 CFR, part 21.53(b)).

The applicant (LM Aero) may choose to use one of the following procedures for signing the Statement of Conformity:

Procedure #1 – The applicant (LM Aero) may send an authorized representative to the supplier’s facility to inspect the prototype article and sign the statement of conformity, or

Procedure #2 – The applicant (LM Aero) may delegate, in writing, a representative of the supplier to complete the FAA Form 8130-9. This representative is an agent of the applicant and acts on the applicant’s behalf. In this case, the agent must submit a copy of the agent’s letter of delegation with the FAA Form 8130-9.

Deviations (Nonconformances):

All deviations to the approved design noted during the manufacturing process by the LM Aero representative or his or her delegate must be entered onto the FAA Form 8130-9, Statement of Conformity.

An authorized LM Aero FAA Designated Engineering Representative (DER) must approve all deviations listed on the FAA Form 8130-9, Statement of Conformity.

### **Shipping Requirements:**

- A. Supplier shall ensure that shipments of articles requiring FAA conformity are:
- Accompanied by a properly authorized “FAA 8130-3” airworthiness approval tag attached to the article.
  - The article’s shipping container is **clearly** identified with the following:
    - All sides to contain the wording “FAA Conformity Part” in **RED** 3-inch lettering.

## **II. REQUIREMENTS FOR ARTICLES MANUFACTURED/ASSEMBLED OUTSIDE THE UNITED STATES**

### **Undue Burden Determination:**

An undue burden determination is a determination by the FAA that a proposed production approval holder (PAH) activity outside the United States, requiring FAA support, exceeds available FAA resources.

Under the provisions found in the Bilateral Aviation Safety Agreements (BASA) Implementation Procedures for Airworthiness (IPA), the FAA can request the Civil Aeronautics Authority (“CAA”) to provide oversight and surveillance functions. The extent of this support is outlined in the bilateral agreement. In many cases applicants for activities outside the United States have anticipated that the counterpart CAA holding a bilateral agreement will mitigate the FAA’s burden through technical assistance.

### **Quality Requirements:**

- A. Supplier shall have a quality system approved by LM Aero Supplier Quality Management (“SQM”). Supplier acknowledges that it is subject to audit in accordance with 14 CFR, Part 21.140, without notice by the FAA and/or the CAA of the country that has conformity authority as part of LM Aero SQM approval. (Reference FAA Order 8120.23, Certificate Management of Production Approval Holders).
- B. Per 14 CFR, Part 21, and in accordance with FAA Order 8110.4, articles delivered under a purchase order (“PO”) are subject to the authority of the FAA and/or CAA of the country that has conformity authority for certification and manufacturing. These requirements include, but are not limited to, approval of engineering test plans prior to testing, conformity of test articles, witnessing of tests, and approval of test results.

### **Conformity Requirements:**

- C. Supplier shall present articles required to obtain FAA conformity in accordance with FAA Order 8110.4 to the FAA or its authorized designee (DAR/DMIR) on first production articles, as specified by LM Aero. When allowed by the bilateral agreement, the FAA may request a foreign CAA to conduct conformity inspections on their behalf.
- D. Supplier coordination with the FAA and/or CAA for conformity elements shall be through LM Aero.

**Shipping Requirements:**

- A. Supplier shall ensure that shipments of articles requiring FAA conformity are:
- Accompanied by a properly authorized “FAA 8130-3” airworthiness approval tag attached to the article.
  - The article’s shipping container is **clearly** identified with the following:
    - All sides to contain the wording “FAA Conformity Part” in **RED** 3-inch lettering.