





**LOCKHEED MARTIN** 



Aeronautics Company Fort Worth

16PP026  
REV B  
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List of Figures

Figure 1 Example of I-R Identification.....9

Attachments



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Quality Clause Q2A Supplier First Article Inspection Requirements

### **1.3 Definitions**

#### **1.3.1 Buyer**

For purposes of this document, the term Buyer shall signify an authorized purchasing agent of the Lockheed Martin Corporation.

#### **1.3.2 Supplier/Coproducer**

Major producer other than LM Aero participating in the manufacture of the aircraft and/or component parts containing I-R parts.

#### **1.3.3 LM Aero Resident Office (LMRO)**

Lockheed Martin previously had in-

- International

administration of Purchase Order requirements for coproduction activiton activiton activiton aonT/F1BTD09



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t tolerances from adversely affecting

interchangeability.

**1.3.8 Interchangeability Replaceability Working List (IRWL) and 16PR100**



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2. Exchange of like Interchangeable parts or assemblies from one aircraft, or component, to another.
3. Complete and successful installation of one randomly selected Replaceable item on any applicable aircraft/component.
4. Verification of the I-R part or assembly to production tooling and an inspection of tooling that establishes the mating interface such as trim lines, hole locations and mating surfaces.
5. In cases where interchangeable features cannot be checked due to the next assembly interface not being available, the inspection will be completed at LM Aero or another Supplier/Coproducer as appropriate. This portion of the task will be documented on the Incomplete Task Log (ITL). The ITL will be initiated to complete the inspection by LM 91hw 2 region tooling and an inspection of tool





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MIL-I-8500 decals. Items previously identified as Interchangeable Category shall also retain that designation.

### **2.1.2 I-R Parts List**

A listing of all I-R parts is shown on the IRWL Interchangeable-by-design items and replaceable spares are also listed.

### **2.1.3 Interchangeability - Replaceability Conflicts**

Should any conflicts arise between the I-R requirements of this specification and other applicable specifications, immediately inform the LMRO, SQE or Buyer for resolution.

### **2.1.4 I-R Part Mating Structure**

Interface structure has the same degree of control as the adjacent I-R part with respect to design, tooling, and S

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### **2.3 I-R Identification**



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## ATTACHMENT A

Recommended sample for a Record of FAD/QCD accomplishment

Aircraft type/version and serial number

Tool name

Tool number

Control tool number (when applicable)

Part and dash number

FAD or QCD

Acceptance stamps if successful

SQAR number if unsuccessful

Disposition of FAD/QCD

ATTACHMENT B

Recommended minimum information for an I-R Program

FAD/QCD planning and schedule

Production tooling concept

Final Production tool designs for approval

Tooling Periodic Inspection concept