

## **Q17 – Post Delivery Maintenance, Repair or Overhaul Activities Including Alternate Repair Sourcing**

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The current version is always the version on the Lockheed Martin network.

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### **Contents**

APPLICABILITY .....	2
DEFINITIONS .....	2
REQUIREMENTS .....	3
1.0 Outsourcing of Repair Items .....	3
2.0 SQMS Alternate Repair Sources Approved Capability Ratings .....	3
3.0 QCS-001 Requirement for Alternate Repair Facility/MRO on Buyer .....	3
4.0 QCS-001 Requirement for Alternate Repair Facility/MRO on	

## **APPLICABILITY**

This Quality Clause Q17 is applicable to Sellers performing Maintenance, Repair, or Overhaul (“MRO”) activities on non-OEM product and/or Original Equipment Manufacturer (“OEM”) organizations with maintenance, repair and overhaul operated “*autonomously*” from their manufacturing/production operations. This includes Aircraft Services and Component Repair facilities (e.g. back-shops remote or at customer’

diagnostic testing and repair procedures, usually in support of failed items removed at the organizational level of repair. Test equipment is more common at this level of repair and is used to automate many test procedures. Spare parts maintained at this level of repair are known as bench stock. I-level maintenance deployment can vary widely and is highly dependent on desired operating conditions.

## **REQUIREMENTS**

### 1.0 Outsourcing of Repair Items

Seller receiving Purchase Orders for repair Items shall perform repair at Seller's facility. Outsourcing of work related to tear down, repair, re-assembly, and functional test of the end Item or detailed components is prohibited unless authorized in advance by the Supply Chain Management representative who administers this PO.

### 2.0 Supplier Quality Management System ("SQMS") Alternate Repair Sources Approved Capability Ratings

Seller shall only have authority to perform repairs of Items for which it has a capability rating listed in the SQMS at <http://www.lockheedmartin.com/us/aeronautics/materialmanagement.html> under Quality Requirements > Supplier Quality Management System. Seller shall review SQMS under "Supplier Summary > Approved Processes" for Buyer approved capabilities before acceptance of purchase orders. When Statutory/Regulatory Authority requirements are imposed on this PO, Seller shall also ensure capability approval by the responsible authority.

### 3.0 QCS-001 Requirement for Alternate Repair Facility/MRO on Buyer-Designed Items

Appendix QX and Appendix QJ are imposed whether Alternate Repair Facility/MRO is performing maintenance using LM Aeronautics ("LM Aero") released technical data (engineering) or using Military Technical Orders ("T.O.") account for LM Aero designed items.

3.1 Seller must use special process specified in the technical data used to perform MRO whether LM Aero engineering or T.O.

3.2 LM engineering and T.O. technical data may specify different special process requirements.

3.3 When the item is LM Aero designed and the special process called out is listed in QCS-001, Appendices QX and QJ are applicable to the special process specified in either source of technical data LM engineering or T.O.

4.0 QCS-001



This report shall be submitted by the 15<sup>th</sup> day of the month following the end of each quarter ending March 31<sup>st</sup>, June 30<sup>th</sup>, September 30<sup>th</sup> and December 31<sup>st</sup>.

8.0 Maintenance Process Verification

8.8 Seller shall ensure discrepancies and non-conformances, if any, discovered