

McFarlane Purchase Order Requirements



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1) PURPOSE

- a) This document defines quality requirements applicable when parts, products or services are placed on a Purchase Order by McFarlane Aviation LLC.

2) RESPONSIBILITY

- a) McFarlane shall be responsible for:
- Ensuring each supplier provided product, article, or service conforms to McFarlane requirements.
 - Establishing a supplier reporting process for products, articles, or services that have been released from the supplier and subsequently found not to conform to McFarlane requirements.
 - Approving suppliers per Form MSQR.
 - Providing suppliers with the latest revisions of documents.
 - Verification of supplier provided product, article, or service to McFarlane requirements.
 - Ensuring Form MSQR is attached to each Purchase Order.
 - When ordering parts or services for OEM customers, ensure the customer requirements are met.

3) REFERENCE DOCUMENTS

14 CFR Part 21 §21.137	Quality System
AC7004	NADCAP Audit Criteria for Quality Management System
AS9100	Quality Management Systems, Requirements for Aviation, Space and Defense Organizations
AS9102	Aerospace First Article Inspection Requirement
ISO17025	General Requirements for Competence of Testing and Calibration Laboratories
AS9138	Statistical Product Acceptance Requirements
FAA Form 8130-3	Authorized Release Certificate
QF4.1	Supplier Questionnaire

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4) SUPPLIER QUALITY SYSTEM AND DELIVERY DOCUMENTATION REQUIREMENTS

Supplier Type	QUALITY SYSTEM REQUIREMENTS				SHIPPING REQUIREMENTS						
	Risk / Category	Quality System / Questionnaire	Re-Evaluation / Time Frame	Performance Monitoring (12 Month Trend)	Certificate of Conformance (CofC)	FAA Form 8130-3, Airworthiness Approval Tag	Copy of Manufacturer Certificate of Conformance	Material Certs	Certificate of Analysis/ Material Test Report	First Article Inspection Report (FAI)	Inspection Data
FAA Production Approval Holder (PAH) PC/PMA/TSO	High / A	14 CFR Part 21 §21.137	Yes, 2 Years	Yes, Annual		X					
Build to Print (Parts & Assemblies)	High / A	X	Yes, 2 Years	Yes, Annual			X	X		X(1)	X
Raw Materials (Sole Source)	High / A	X	Yes, 2 Years	Yes, Annual			X	X(2)	X		
Raw Materials (Multi Source)	Medium / B	X	Yes, 3 Years	Yes, Annual			X	X(2)	X		
Standard Catalog Hardware (AN/MS/NAS) (Specified / Dual Source)	Medium / B	X	Yes, 3 Years	Yes, Annual	X(3)	X(3)	X(3)	X			
Standard Catalog Hardware (AN/MS/NAS) (Commodity)	Low / C	X(4)	No, As Required		X(3)		X(3)	X			
Commercial Off-The-Shelf (COTS) Items (Non-Inventoried)	Negligible / MISC		No, As Required								
Distributor	Medium / B	X	Yes, 3 Years	Yes, Annual		X(3)	X(3)				
Castings & Forgings	High / A	X	Yes, 2 Years	Yes, Annual	X		X	X(2)		X(1)	
Inspection, Measuring, and Test Equipment	Medium / B	ISO17025 NIST Traceability	Yes, 3 Years	Yes, Annual	X						X
Special Processor	Medium / B	NADCAP	Yes, 3 Years	Yes, Annual	X						
Coatings	Medium / B	NADCAP	Yes, 3 Years	Yes, Annual	X						
Heat Treatment	Medium / B	NADCAP	Yes, 3 Years	Yes, Annual	X						Oven Charts
Molding	Medium / B		Yes, 3 Years	Yes, Annual	X						Oven Charts

This document is required by the contract or purchase order when referenced.
The revision in effect at the time the purchase order was placed applies.

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- (1) Submitted With First Shipment per AS9102
 - a. Manufacturing a production or conforming part for the first time.
 - b. Change in the design or configuration of the part.
 - c. When a line or location of production changes.
 - d. After a production lapse of 2 years or more.
 - e. When specifically requested by PO.
- (2) Certification that if specialty metals are incorporated, material was melted in the United States, its possessions or in a qualifying country as defined in DFARS 225-7008/7009 Unless otherwise specified.
- (3) Any one of the Certifications on the row will satisfy the requirement.
- (4) Section A only

Revision History

Revision	QDCR	Release Date	Description of Changes
1	2080	11/7/2025	Initial Release for Compliance with 14 CFR Part 21 Subpart K.
2	2087	4/10/2026	2.a) Added bullet point <u>"When ordering parts or services for OEM customers, ensure the customer requirements are met."</u>

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