

BOEING COMMERCIAL AIRPLANES

Supplier Technical Requirements

Document Control

- **Part Number:** 737-2047-AS
- **Component:** Landing Gear Actuator Bracket
- **Customer:** Boeing Commercial Airplanes
- **PO Reference:** BA-2025-047721
- **Document Date:** January 15, 2025
- **Revision:** Rev C
- **Page:** 1 of 2

MATERIAL SPECIFICATIONS

Property	Specification	Standard
Primary Material	Aluminum Alloy 7075-T6	AMS 4045
Secondary Material	Stainless Steel 316L (fasteners)	AMS 5639
Surface Treatment	Anodized Type II, Class 1	MIL-A-8625

DIMENSIONAL REQUIREMENTS

Dimension	Nominal	Tolerance
Overall Length	127.5mm	±0.1mm
Overall Width	89.2mm	±0.15mm
Overall Height	34.8mm	±0.05mm
Critical Hole Tolerance	Ø8.00mm	+0.02/-0.00mm
Surface Finish	Ra 1.6 µm	maximum

ORDER INFORMATION

- **Quantity:** 2,400 units per year
- **Delivery Schedule:** 200 units monthly starting April 2025
- **Delivery Terms:** FOB Seattle, WA
- **Due Date:** Pilot production April 15, 2025

QUALITY REQUIREMENTS

✓ **Certifications Required:**

- AS9100 certification required
- First Article Inspection (FAI) per AS9102
- Certificate of Compliance required with each shipment
- Statistical Process Control (SPC) monitoring required

✓ **Special Requirements:**

- Parts must be traceable to raw material certifications
- Heat treatment per AMS 2770
- NDT inspection: Fluorescent Penetrant per ASTM E1417
- Packaging: Individual protective wrapping, 25 units per container

CONTACT INFORMATION

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Document Approval:

- **Prepared By:** Engineering Department
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