

# Lockheed Martin F-35 Specifications

Lockheed Martin Specifications for F-35

# = updated  
◀ = Performed by GKN  
in-house as well  
as suppliers

Spec. Rev. Title Nov. 30, 2011

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## Process Specifications

|           |      |   |   |
|-----------|------|---|---|
| 2GNA00001 | BF   | Approved Manufacturer List for Standard Parts                             |   |
| 2ZZP00001 | C    | Finish Specification for JSF Weapon System VARs 01 through 09             |   |
| 2ZZP00003 | -002 | Engineering Requirements for Machined Parts AM 2                          | ◀ |
| 2ZZP00006 | D    | Control of Critical Parts   | ◀ |
| 2ZZP00008 | B    | Marking Specification for JSF Aircraft                                    | ◀ |
| 2ZZP00010 | A    | JSF Electrical Bonding AM 3; Appendix A, rev. NC                          | ◀ |
| 2ZZP00017 | A    | Environmental and Pressure Sealing  | ◀ |
| 2ZZP00026 | C    | Adhesive, Edge Seal   | ◀ |
| LMA PA041 | F    | Forging Process, Engineering and Inspection Requirements                  |   |
| LMA PA051 | A    | Chemical Milling of Metals  |   |
| LMA PB001 | D    | Bolt, Screw, and Nut Installation, General Requirements VAR 01            | ◀ |
| LMA PB004 | E    | Fastener Installation   | ◀ |
| LMA PB008 | E    | Eddie Bolt System, Installation of  | ◀ |
| LMA PB019 | A    | Aircraft Fastener Installation  | ◀ |
| LMA PB033 | C    | Installation of Bearings, Shrink Fit                                      | ◀ |
| LMA PB036 | B    | Torque Requirements for Installation of Fasteners, and other Applications | ◀ |
| LMA PB037 | D    | Installation of Expanded Fuel Fittings                                    | ◀ |
| LMA PC003 | C    | Acceptance Criteria for Metal Parts                                       | ◀ |
| LMA PC008 | ORG  | Requirements for Ultrasonic Inspection Procedures                         |   |
| LMA PC009 | K    | Hardness and Conductivity Testing   |   |

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| LMA PC201 | D   | Fluorescent Penetrant Inspection<br>VAR 01                                   |   |
| LMA PG001 | B   | Requirements for Etching/Cleaning Prior to Penetrant<br>Inspection<br>VAR 01 |   |
| LMA PG401 | B   | Cleaning of Titanium   |   |
| LMA PH016 | ORG | Conversion Coating of Titanium Parts   |   |
| LMA PK004 | E   | Installation Procedure for Bonded Nutplates                                  | ◀ |
| LMA PL001 | B   | Application of Solid Liquid Shim   | ◀ |
| LMA PL011 | B   | Fastener Holes in Composite and Metal  | ◀ |
| LMA PN007 | A   | Part Bar Code Marking  | ◀ |

## Material Specifications

|                |     |  |   |
|----------------|-----|--|---|
| 2YZA00071-0001 | ORG | Procured Product Inspection Standard<br>Issue Date 16 Oct., 2003 | ◀ |
| LMA M5004      | E   | Titanium Alloy Forgings  |   |
| LMA M7040      | C   | Aluminum Alloy Plate, 7140-T7451                                 |   |
| LMA M7050      | E   | Aluminum Alloy Plate, 7050-T7451                                 |   |
| LMA MN040      | A   | General Purpose Solvent  |   |
| LMA MR003      | E   | Waterborne Epoxy Primer  |   |
| LMA MR005      | A   | Thin Film Epoxy Primer<br>VAR 01                                 |   |
| LMA MR027      | B   | Teflon Pigmented Coatings  |   |
| LMA MR058      | C   | Primers and Sealants   |   |
| LMA MU006      | C   | Sealant, Polysulfide, Corrosion Resistant                        |   |

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## Quality Documents Of SQMS

|             |   |  |     |
|-------------|---|--|-----|
| Appendix QJ | 7 | Seller Quality Requirements<br>Addendum QJ, rev. ORG | ◀   |
| Appendix QX | 6 | Supplier Quality Requirements                        | ◀   |
| PM 5010     | G | Supplier/Seller Shipping Instructions                | ◀ # |