

Lockheed Martin Specifications

Lockheed Martin Specifications for F-22

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

Spec.	Rev.	Title	
			Jun., 2010
5PTD3032	B	Cutout, Electrical Receptacle Jam Nut MIL-C-38999, Series III	
5PTMRT03	D	Low Density Waterborne Epoxy Primer	#
5PTMRT09	C	Non-Chromated Low Density Waterborne Epoxy Primer A01	
5PTPAG17	D	Metal Removal, Engineering Requirements Am. 1	
5PTPAG91	C	Forming and Fabricating Practices For Sheet Metal, Extrusions, Forgings and Billets AM 1	◀
5PTPAL08	A	Shot Peening of Metal Parts	
5PTPAL09	J	Standard Machining Practices, Tolerances and Allowances For Metallic Parts	◀
5PTPAL10	A	Fabrication of Titanium	◀
5PTPAL11	A	Processing of Titanium	
5PTPBG04	L	Installation Procedure for Bonded Nutplates	◀
5PTPBG19	H	F-22 Mid-Fuselage Fastener Installation	◀
5PTPBT04	J	Fastener Installation, Solid Rivets, Blind Rivets and Bolts A 01	◀
5PTPBT08	F	Eddie Bolt System, Installation of V 01	◀
5PTPBT20	C	Structural Panel Fasteners, Installation of C-V01,V02, V03	◀
5PTPCG06	D	Requirements for Penetrant Inspection	#
5PTPCG08	B	Requirements for Ultrasonic Inspection Procedures for Raw Material (Metal)	
5PTPCG09	A	Hardness and Conductivity Testing A 01	
5PTPCL02	D	Penetrant Inspection A 01	
5PTPCL15	Org	Inspection Requirements for the Validation of Final Finishes on I/R Doors	◀
5PTPCT07	C	Inspection Acceptance Criteria for Metal Parts	
5PTPCT16	C	Inspection, First Article, Forgings and Machined Forgings	

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5PTPCT19	Org	Ammonium Bifluoride Etch Inspection for Titanium Alloys A01, Var. 1	
5PTPGG01	A	Etch Cleaning Prior to Penetrant Inspection	
5PTPGL01	D	Requirements for Etch/Cleaning of Titanium Alloys	
5PTPGL03	D	Cleaning of Aluminum and Aluminum Alloys	
5PTPHG16	A	Conversion Coating of Titanium Alloys	
5PTPJG01	B	Finish Specification for F-22 Weapon System A04	◀
5PTPJL12	S	Application of Primer Coatings	
5PTPJL13	H	Touchup Requirements for Organic and Chemical Finishes	
5PTPJT01	F	Finish Requirements, F-22 Aircraft	
5PTPLG10	H	Drilling and Machining of Composite and Composite/Metal Stacks	◀
5PTPLT11	A	Fastener Holes in Composite and Metal Structures AV03, AV04	◀
5PTPNG01	B	Marking of Aircraft and Aerospace Ground Equip. Parts A05	◀
5PTPNT01	F	Marking of Part and Assemblies A02	◀
5PTPTG16	A	Fracture/Durability Control Specification for Titanium Bulkheads F.S. 540, 583, 610 and 637	◀
5PTPTT02	E	Fracture/Durability Critical Parts, Control of E-V01, E-V05 , E-V06	◀
5PTPTT12	B	Wind Swept Surface Parts, Control of V02, V03, V04	◀