Specifications	Revision/ Edition	Title / Description	QPL, PSD, SUPPLEMENT, PROGRAM
Boeing/Spirit Process Specification Index			
BAC5000	BC	SEALING, GENERAL	1-11, 1-12, 1-13,1-14, 1-15, 1-16, 1-17, 1-18, 1-19, 1-20, 1-21, 1-22, 1-23, 1-24. 1-25, 1-26, 6-278, 6-281, 6-285, 6-286, 6-294, 8-22, 9-21, 9-61
BAC5000-1	B	REPACKAGING AND FREEZING OF SEALANT BY END USERS	06/07/24
BAC5013	Y	Cleaning metals	None
BAC5019	AA	Chromic acid anodizing	DCNPSO-019881_01 rev. 01, 1-5, 1-6, 1-7, 1-8, 6-135, 6-145
BAC5021	Y	Cadmium plating	None
BAC5022	M	Sulfuric acid anodic films	DCNPSO-017466_01 rev. 01, 1-5, 9-1
BAC5114	E	ENHANCED PROCESS TO CONTROL CNC MACHINING	QPL REV. -, DCNPSO-020433_01 REV. 01, 1-1
BAC5004	R	INSTALLATION OF PERMANENT FASTENERS	6-118, 6-130, 6-131, 6-139
BAC5004-1	W	SOLID RIVET INSTALLATION	1-1, 1-2, 1-3, 6-88, 8-21, 9-31, 9-6
BAC5004-2	AR	PERMANENT STRAIGHT SHANK FASTENER INSTALLATION	1-11, 1-13, 1-3, 1-4, 1-5, 1-6, 1-7, 1-8, 1-9, 6-162, 6-82, 9-31
BAC5004-3	J	BLIND FASTENER INSTALLATION	1-2, 6-20, 6-21, 6-22, 9-21, 9-22, 9-23
BAC5009	AH	BOLT AND NUT INSTALLATION	1-1, 1-10, 1-11, 1-12, 1-13, 1-14, 1-7, 9-75, 9-82, 9-83, 9-84, 9-86, 9-87, 9-88, 9-89
BAC5010	AC	APPLICATION OF ADHESIVES	1-11, 1-12, 1-13, 1-16, 1-17, 1-18, 1-19
BAC5018	N	INSTALLATION OF SAFETYING DEVICES	8-10, 8-12, 9-5
BAC5300-2	K	METAL PART FORMING, STRAIGHTENING, AND FITTING	6-1, 6-2, 8-2, 8-4
BAC5408	T	Vapor Degreasing	DCNPSO_017878_01 REV. 01, 1-4, 8-21, 8-22
BAC5423	Y	Penetrant methods of inspection	DCNPSO_000000_01 REV. 01, 6-155, 8-17
BAC5424	V	Magnetic Particle Inspection	01/05/24
BAC5435	AA	Bearing installation and retention	
BAC5439	J	Ultrasonic inspection (Superseeded by BSS7055)	6-23, 9-3, 9-4, 9-5
BAC5439-1	A	ULTRASONIC INSPECTION OF WELDS	6-1, 9-1
BAC5439-2	D	ULTRASONIC INSPECTION OF TUBING	1-1, 9-2
BAC5439-3	A	ULTRASONIC INSPECTION OF WROUGHT MATERIALS, IMMERSION TESTING	
BAC5440	L	HOLE PREPARATION, MACHINING, AND GRINDING OF STEELS	6-41, 6-51, 9-5
BAC5602	AH	Heat Treatment of Aluminum Alloys	DCNPSO-011896_01 REV. 01, 1-6, 1-7, 1-8, 1-9, 6-182, 6-184, 6-203
BAC5613	W	Heat Treatment of Titanium and Titanium Alloys	DCNPSO-010929_01 REV. 01, QPL REV. -, 1-5, 1-6, 1-7, 6-57, 6-59, 8-6, 9-15
BAC5616	M	Heat treatment of nickel-base and cobalt-base alloys	DCNPSO-015372_01 REV. 01
BAC5617	W	Heat treatment of alloy steels	DCNPSO_007636_01 REV. 01, 8-19, 8-21, 8-22, 8-23, 9-12, 9-13, 9-14
BAC5619	L	Heat treatment of corrosion resistant steel	DCNPSO-020402_01, REV. 01, 1-5, 1-6, 9-15, 9-16, 9-17
BAC5620	B	Induction heat treatment of aircraft steels	QPL REV H, 6-1
BAC5625	H	Surface treatments for ferrous alloys	1-3, 1-4, 1-5, 6-68, 6-69, 6-70, 6-71, 9-1
BAC5626	C	Colored chemical conversion coatings for aluminum	9-11, 9-16, 9-27, 9-28, 9-30, 9-31
BAC5629	F	Application of urethane exterior coatings	DCNPSO_010733_01 REV. 01
BAC5632	G	Boric acid-sulfuric acid anodizing	DCNPSO_013077_01 REV. 01, 1-3
BAC5637	F	Zinc-nickel alloy plating	DCNPSO-001373_01 REV. 01, 1-1, 1-2, 6-16, 6-17
BAC5650	G	Hardness testing	6-4, 6-5, 8-2
BAC5651	D	Eddy Current Electrical Conductivity Inspection	None
BAC5664	C	Low hydrogen embrittlement stylus zinc-nickel alloy plating	DCNPSO-012365_01 REV. 01
BAC5665	D	Application of sol-gel conversion coatings on corrosion resistant alloys	DCNPSO-004808_01, REV. 01, 6-7
BAC5701	R	Cadmium plating	DCNPSO_019182_01 REV. 01, 1-10, 8-23, 8-25, 9-8
BAC5709	Y	Hard chromium plating	QPL REV. -, 1-6, 1-7, 1-8
BAC5710	AJ	APPLICATION OF SPECIAL PURPOSE COATINGS	1-10, 1-11, 1-12, 6-144, 6-147, 9-25

Specifications	Revision/ Edition	Title / Description	QPL, PSD, SUPPLEMENT, PROGRAM
BAC5714	J	Electroplating of aluminum alloys	None
BAC5716	H	Preparation of colored anodic films	DCNPSO_009490_01 REV. 01
BAC5718	K	Low hydrogen embrittlement cadmium plating	QPL REV. -, 1-4, 8-1
BAC5719	AC	Chemical conversion coatings for aluminum and aluminum alloys	DCNPSO_012409_01 REV. 01, 1-4, 1-5, 1-6, 1-7, 1-8, 1-9, 1-10, 1-11, 1-12
BAC5728	L	Electroless nickel plating	1-4, 8-1
BAC5730	V	Shot peening	DCNPSO-018098_01 REV. 01, 1-3, 1-4, 1-6, 8-20, 9-10
BAC5736	AF	Application of Chemical and Solvent Resistant Finishes	DCNPSO-016236_01 REV. 01, 1-10, 1-11, 1-12, 1-13, 1-14, 1-15, 1-17, 6-196, 6-209, 8-6
BAC5746	N	Nickel plating (electrodeposited)	QPL REV. -, 1-7, 1-8, 1-9
BAC5749	AC	Alkaline cleaning	1-10, 1-11, 1-13, 1-8, 1-9
BAC5750	W	Solvent cleaning	1-12, 1-13, 1-14, 1-8, 1-9
BAC5751	R	Cleaning, descaling and surface preparation of ferrous alloys	1-4, 6-69, 8-15
BAC5753	AB	Cleaning, descaling and surface preparation of titanium alloys	1-10, 1-11, 1-6, 1-7, 1-8, 1-9, 6-182, 6-183, 6-184, 6-185, 6-189, 8-11, 9-73
BAC5786	P	Etch cleaning of aluminum alloys	1-7, 6-61, 6-68, 9-5, 9-6
BAC5793	AC	Application of corrosion resistant finish for integral fuel tanks	1-6, 1-8, 1-9, 6-106, 6-107, 6-110, 6-121, 6-122, 9-28
BAC5804	AK	LOW HYDROGEN EMBRITTLEMENT CADMIUM-TITANIUM ALLOY PLATING	QPL REV. -, 1-7, 1-9
BAC5811	W	Application of bonded solid film lubricants	QPL REV. F, 1-7, 1-8, 1-9, 6-27, 6-34
BAC5821	G	Hard anodizing	None
BAC5833	A	Cleaning beryllium	None
BAC5845	Y	Application of Polyurethane Enamal	1-7, 1-8, 1-9, 6-73, 9-17
BAC5851	J	Application of thermal spray coatings	QPL REV. P, 1-6, 9-2
BAC5882	R	Aplication of Urethane compatible primer	1-6, 1-7, 1-8, 1-9
BAC5946	AD	Temper inspection of aluminum alloys	None
PS11215	N	APPLICATION OF AMS-S-8802 SEALING COMPOUNDS	
PS13525	AJ	POLYURETHANE CORROSION RESISTANT COATING; SPRAY APPLICATION OF	MQ-25 REV. -
PS13001	U	PASSIVATION OF CORROSION AND HEAT RESISTING ALLOYS	None
PS13201	AN	ANODIZING, ALUMINUM ALLOYS	None
PS13204	AM	CONVERSION COATING, BRUSH AND SPRAY	AM
PS13209	Y	COATING, MULTICOLORED CHEMICAL CONVERSION OF ALUMINUM ALLOYS BY THE IMMERSION PROCESS	
PS13375	AE	APPLICATION OF EPOXY PRIMER	
PS13630	AJ	PAINTING OF F/A-18 AND AV-8 AIRCRAFT	None
PS13646	AV	PAINTING OF F-15 AIRCRAFT	F-15 JAPAN REV. 1
PS17169	AU	BONDING AND GROUNDING; ELECTRICAL	MQ-25 REV. -, PB7-916 REV.-, QF-16 REV. -
PS20001	AD	PROTECTION OF PARTS DURING FABRICATION AND TEMPORARY STORAGE	None
PS20722	E	HOLE MASKING FOR ENHANCED PROCESS CONTROLLED METALLIC PARTS	QPL REV. L
PS21202	AU	PENETRANT INSPECTION	F-4 REV 2, pdf, Permanent Deviation 1 KAI
PS21514	A	INSPECTION PROCEDURE REQUIREMENTS FOR NONDESTRUCTIVE INSPECTION	
PS21519	-	FLUORESCENT PENETRANT INSPECTION	
PS13144	M	PLATING, LOW EMBRITTLEMENT CADMIUM, ELECTRO (HIGH STRENGTH STEELS)	AERO COTEC CORP REV. -
PS18021	AE	LUBRICANTS, BONDED DRY FILM, APPLICATION OF	
PS19110	W	FASTENERS, SOLID RIVETS; INSTALLATION OF	
PS15000.5	A	HARDENING ALLOY STEELS TO 180,000 PSI MINIMUM AND UNDER	
BMS10-11	AE	Chemical and solvent resistant finish	QPL REV. -
BMS10-60	AB	Protective enamel	QPL REV. -
BMS10-86	V	FLUOROPOLYMER FILLED COATING	QPL REV. -

Specifications	Revision/ Edition	Title / Description	QPL, PSD, SUPPLEMENT, PROGRAM
BSS7039	E	Liquid Penetrant Inspection	1-1, 1-3, 1-4
BSS7351	G	Eddy Current Electrical Conductivity - Direct Reading Method	None
Above reference list is Base Specifications, please ensure the latest PSDs are applicable.			
If a process specification is not listed above contact MTM's QA Dept or Engineering for addition.			
Bombardier/Learjet Process Specification Index			
LES1002	L	Brazing, process specification for silver and copper	
LES1004	AT	Penetant inspection - process specification	
LES1006	P	Magnetic particle inspection	
LES1016	Z	Heat treatment of steel, nickel alloys & cobalt alloys	
LES1043	AV	Chemical cleaning of metals	
LES1045	K	Chromic acid anodizing of aluminum alloys	
LES1047	AL	Chemical Film Treatment of Aluminum and Aluminum Alloys	
LES1048	AG	Cadmium plating specification - steel and copper alloys	
LES1049	F	Chromium plating	
LES1052	AF	Organic Resin Finishing	
LES1091	AS	Application of epoxy primer	
LES1480	NC	Electroless nickel plating	
BAPS 138-043	G	APPLICATION OF FLUID RESISTANT PRIMER	
BAPS 138-044	E	APPLICATION OF FLUID RESISTANT (FR) ENAMELS AND DECORATIVE TOPCOATS	
BAPS 160-010	E	CHROMIC ACID ANODIZING	
BAPS 160-020	D	CHEMICAL CONVERSION TREATMENT FOR ALUMINUM ALLOYS	
BAPS 168-030	C	HEAT TREATMENT OF CORROSION RESISTANT AND MARAGING STEELS	
BAPS 176-002	E	Fluorescent penetrant inspection	
BAPS 176-004	D	Magnetic particle inspection	
BAPS 180-015	B	PASSIVATION OF CORROSION RESISTANT STEEL	
Above reference list is Base Specifications, please ensure the latest PSDs are applicable.			
If a process specification is not listed above contact MTM's QA Dept or Engineering for addition.			
Triumph / Gulfstream (60P) Process Specification Index			
GAMPS3102	P	Integral fuel tank coating	
GAMPS3116	H	Primer, epoxy, waterborne, preparation and application	
GAMPS3216	F	Epoxy topcoat, high solids, phosphate ester fluid resistant, prep & application	
GAMPS4103	H	Acid cleaning & passivation of ferrous and nickel base parts	
GAMPS5102	C	Heat treat of wrought precipitation hardenable stainless steels	
GAMPS6201	F	Anodic coating of aluminum alloys	
GAMPS9101	B1	Ultrasonic quality requirements for aluminum and aluminum alloys	
Above reference list is Base Specifications, please ensure the latest PSDs are applicable.			
If a process specification is not listed above contact MTM's QA Dept or Engineering for addition.			
Bell Helicopter Process Specification Index			
BPS4140	H	Heat Treatment of Steel	
BPS4467	D	Hardness Testing and Requirements of Metals	
BPS4089	N	FLUORESCENT PENETRANT INSPECTION	
BPS4310	F	APPLICATION OF SOLID FILM LUBRICANTS	
BPS4504	B	APPLICATION OF CHEMICAL AGENT RESISTANT COATING (CARC)	
BPS4050	AJ	Marking Aircraft Parts	

Specifications	Revision/ Edition	Title / Description	QPL, PSD, SUPPLEMENT, PROGRAM
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Lockheed Martin Process Specification Index			
2ZZP00001	K	Finish Specification for JSF Weapons System	
2ZZP00003	M	Engineering Requirements for Machined Parts.	
2ZZP00005	D	Drill/Machine Composites and Composite/Metal Stacks	
2ZZP00006	K	Control of F-35 Air Vehicle Critical Parts, General Specification	
2ZZP00008	K	Marking Specification for JSF Aircraft and Support Equipment	
2ZZA00010	D	Interchangeable-Replaceable (I-R) Process Requirements	
2ZZA00010 APPENDIX A (CANCELLED - SEE	C	F-35 Supplier I-R Manufacturing Plan Template	
2ZZP00010	H	Electrical Bonding, F-35	
2ZZP00017	J	Environmental and Pressure Sealing	
2ZZP00026	K	Application of Seals, Spacers and Gaskets	
2ZZP00055	A	Flight Science Critical Parts, General Specification for Control of	
LMA-MF015	E	Non-Structural, Unsupported Adhesive Film	
LMA-ME027	G	Rubber, Fluorosilicone, Sheet Molded and Extruded	
LMA-MR003	K	Waterborne Epoxy Primer	
LMA-MR018	-	PTFE-Bearing Anti-Wear Liner Coating	
LMA-PB001	K	Bolt, Screw, and Nut Installation, General Requirements for	
LMA-PB004	L	Fastener Installation, Solid Rivets, Blind Rivets, and Blind Bolts	
LMA-PB008	M	Eddie Bolt System, Installation of	
LMA-PB019	H	Fastener Sealing and Installation	
LMA-PB023	F	Installation of Bearings, Staked and Swaged	
LMA-PB029	H	Installation of Expanded Bushings in Metallic Structures	
LMA-PB033	G	Installing, Sealing, and Coating of Bearings and Bushings Chilled to Sub-Zero Temperatures	
LMA-PB045	D	Fastener installation, captive screws, flared end type	
LMA-PC003	C	Acceptance Requirements for Metal Parts	
LMA-PC009	R	Hardness and Conductivity Testing, Nondestructive Methods	
LMA-PC201	G	Requirements for Fluorescent Penetrant Inspection of Metallic Parts and Materials	
LMA-PG001	D	Requirements for Etch/Cleaning Prior to Penetrant Inspection	
LMA-PG006	B	Cleaning of Air Vehicle Plumbing Lines	
LMA-PH090	B	Thin Film Sulfuric Acid Anodize Treatment for Aluminum and Aluminum Alloys	
LMA-PK004	Q	Installation Procedure for Bonded Nutplates	
LMA-PK012	K	Bonding with General Purpose Adhesives	
LMA-PK013	G	Bonding with Silicone Adhesives	
LMA-PL011	M	Fastener Holes in Composite and Metal Structure, Preparation for and Inspection of	
LMA-PN007	A	Part Bar Code Marking	
LMA-PJ013	J	Touchup Requirements for Chemical and Organic Finishes	
LMA-PJ264	E	Application and Control of Organic Finishes	
5PTPJT01	J	Finish requirements, F-22 aircraft and support equipment	
5PTPCG06	D	Requirements for penetrant inspection procedures	
5PTPCT07	C	Inspection acceptance criteria for metal parts	
5PTPTT02	E	Fracture/durability critical parts, general specification for control of	
Above reference list is Base Specifications, please ensure the latest PSDs are applicable.			

Specifications	Revision/ Edition	Title / Description	QPL, PSD, SUPPLEMENT, PROGRAM
If a process specification is not listed above contact MTM's QA Dept or Engineering for addition.			
Honeywell Process Specification Index			
9904159-00	D	COATING, HEXAVALENT-CHROMIUM FREE ON ALUMINUM	
Above reference list is Base Specifications, please ensure the latest PSDs are applicable.			
If a process specification is not listed above contact MTM's QA Dept or Engineering for addition.			
AMS, ASTM, MIL Standard Process Specification Index			
AMS2700	G	Passivation of Corrosion Resistant Steels	
AMS2468	G	Hard Anodic Coating Treament of Aluminum Alloys	
AMS2469	L	Hard Anodic Coating Treament of Aluminum Alloys	
AMS2759/3	J	Heat Treatment, Precipitation-Hardening Corrosion-Resistant and Maraging Steel Parts	
AMS2770	R	Heat Treatment of Wrought Aluminum Alloy Parts	
AMS5842	H	Cobalt-Nickel Alloy, Corrosion and Heat-Resistant, Bars, 19Cr - 36Co - 25Ni - 7.0Mo - 0.50Cb (Nb) - 2.9Ti - 0.20Al - 9.0Fe, Vacuum Induction Plus Vacuum Consumable Electrode Melted Solution Heat Treated and Work Strengthened	
AMS-C-27725	E	Coating, Corrosion Preventative, for Aircraft Integral Fuel Tanks for Use to 250 °F (121 °C)	
AMS-H-6875	C	Heat Treatment of Steel Raw Materials	
AMS-QQ-P-35 (S/S BY SAE AMS2700)	G	Passivation of Corrosion Resistant Steels (Replaced by AMS 2700)	
AS81934	C	Bearings, Sleeve, Plain and Flanged, Self-Lubricating	
ASTM-E-1417 (S/S BY ASTM E1417/E1417M)	2021 EDITION	Standard practice for liquid penetrant testing	
ASTM-E-1444 (S/S BY: ASTM E1444/E1444M)	22A	Standard Practice for Magnetic Particle Testing	
MIL-A-8625(SS BY MIL-PRF-8625)	F	Anodic Coatings for Aluminum and Aluminum Alloys	
MIL-DTL-5541	F	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	
MIL-F-18264 (S/S BY MIL-DTL-18264)	F	Finishes; Organic, Weapons System, Application and Control	
MIL-DTL-81706	B	Chemical conversion materials for coating aluminum and aluminum alloys	
MIL-L-46010 (S/S BY: MIL-PRF-46010)	H	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting	
MIL-PRF-85285	F	Coating: Polyurethane, Aircraft and Support Equipment	
MIL-STD-1949 (S/S BY: ASTM E1444 AND S/S BY: ASTM E1444/E1444M)	2022A EDITION	Standard Practice for Magnetic Particle Testing	
Above reference list is Base Specifications, please ensure the latest PSDs are applicable.			
If a process specification is not listed above contact MTM's QA Dept or Engineering for addition.			