



Magellan Aerospace Processing, New York 165 Field St. West Babylon, NY 11704T:631 694-1818 F:631 694-1848

**Prime Contractor Approval Listing**

**LR-03-RC-003**

**Rev BJ 4/08/22**

<u>PRIME</u>	<u>PROCESS</u>	<u>SPECIFICATION</u>	<u>TITLE</u>
Arkwin	Passivation	AMS 2700	Passivation of Corrosion Resistant Steel
BAE Systems	Chem Film	MIL-DTL-5541 LMA-PH016	Chemical Conversion Coatings on Aluminum and Aluminum Alloys Conversion Coating of Titanium Alloys
	Chromic Anodize	MIL-A-8625 Type 1B only	Anodic Coatings for Aluminum and Aluminum Alloys
	Conductivity Test	LMA-PC009	Hardness and Conductivity Testing, Nondestructive Methods
	Etch	LMA-PG001 (alum & titanium alloys)	Requirements for Etch/Cleaning Prior to Penetrant Inspection
	Finish Specification	2ZZP00001 F35 (limitations)	Finish Specification for JSF Weapon System
	General Specification	2ZZP00006 JSF Critical Parts – Chemical Processing	Specification for Control of JSF Air Vehicle Critical Parts
	Hardness Test	LMA-PC009	Hardness and Conductivity Testing, Nondestructive Methods
	Marking of F35 Parts/Assys	2ZZP00008	Marking Specifications for JSF Aircraft and Support Equipment
	Organic Coatings	LMA-PJ264	Application and Control of Organic Finishes
	NDT Method	LMA-PC009	Hardness and Conductivity Testing, Nondestructive Methods
NDT Method	LMA-PC201	General Requirements for Penetrant Inspection	
Touch-Up	LMA-PJ013	Touchup Requirements for Chemical and Organic Finishes	
Bell Helicopter	Brush Cadmium Plating	BPS4312	Selective Brush Cadmium Plating
	Cadmium Plate	BPS4006	Cadmium Plating, Electrodeposition
	Chemical Cleaning	BPS4138	Chemical Cleaning of Aircraft Materials
	Chemical Film Treatment	BPS4182, Class 1A	Chemical Film Treatment
	Conductivity	BPS4453 IH1 and IH2	Conductivity Testing of Wrought Aluminum Alloys / 2024 to Determine Heat Treat Condition
	Passivation, Procedure I	BPS4007	Passivation
	Anti-Fretting Treatment for Titanium Alloys	BPS4456	Anti-Fretting Treatments for Titanium
	Magnetic Particle Inspection	BPS4075	Magnetic Particle Inspection
	Penetrant Inspection	BPS4089 IB1 and IB2	Water washable and Post emulsified
	Pre-Penetrant Etch	BPS4389	Prepenetrant Etch of aluminum and Titanium
Boeing	Chromic Anodize	DPS11.01/-3	Chromic Acid Anodizing Aluminum - Chromate Sealed
		MIL-A-8625 PS13201	Anodic Coatings, for Aluminum and Aluminum Alloys Anodizing, Aluminum Alloys
	Boric-Sulfuric Anodize	BAC5632	Boric Acid - Sulfuric Acid Anodizing
		BAC5617 BAC5619	Heat Treatments of Alloy Steels Heat Treatment of Corrosion Resistant Steel
	Stress Relief	DPS5.00-1	Steel Heat Treatment Quench and Temper Hardenable
		HP1-9	Hydrogen Embrittlement Relief
		PS15063	Stress Relief and Embrittlement Relief
	Sulfuric Anodize	BAC5022	Sulfuric Acid Anodic Films
		PS13201	Anodizing, Aluminum Alloys
	Brush Cadmium	BAC5854	Low Hydrogen Embrittlement Stylus Cadmium Plating
		BAC5849	Brush Plating, Anodizing and Electrochemical Etching
		DPS9.89 PS13113	Brush Plating Brush Plating
	Cadmium Plating	BAC5701	Cadmium Plating
		PS13101	Cadmium Electro Plating
		QQ-P-416 AMS-QQ-P-416	Plating, Cadmium (Electrodeposited) Plating, Cadmium (Electrodeposited)
	Chemical Film	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
		BAC5719 PS13209	Chemical Conversion Coatings for Aluminum and Aluminum Alloys Coating, Multicolored Chemical Conversion of Aluminum Alloy by the Immersion
	HCD Cad Plating	DPS9.28/-1	Special Cadmium Plating for High Strength Steels
	Ti-Cad Plating	PS13144	Plating, Low Embrittlement Cad Electro (High Strength Steels)
	Clean of Titanium	BAC5804	Low Hydrogen Embrittlement Cadmium-Titanium Alloy Plating
	Dry Film Lube	BAC5753	Cleaning, Descaling and Surface Preparation of Titanium and Titanium Alloys
	Etch Inspection	PS18021	Lubricants, Bonded Dry Film, Application of
		BAC5436	Etch Inspection of Ground or Machined Steel Parts
		DPS4.715 PS21205	Etch Inspection of Ground or Machined Steel Parts Temper Etch Inspection for Machined or Ground Surfaces on Hardened Steel Parts
	Fuel Tank Coating	BAC5793	Application of Corrosion Resistance Finish for Integral Fuel Tanks
	Phosphate Fluoride	BAC5861	Application of Phosphate Fluoride Coating to Titanium Alloys
	Salt Spray Testing	ASTM-B-117	Standard Practice for Operating Salt Spray (Fog) Apparatus
	Shot Peening	AMS-S-13165	Shot Peening of Metal Parts
		AMS2430 BAC5730	Shot Peening, Automatic Shot Peening



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PRIME	PROCESS	SPECIFICATION	TITLE	
		DPS4.999	Shot Peening of Metal Parts	
		PS14023	Peening	
	Sol Gel Coatings	BAC5665	Application of Sol-Gel on Corrosion Resistant Alloys for Painting	
	Magnetic Particle Inspection		BAC5424	Magnetic Particle Inspection
			BSS7040	Magnetic Particle Inspection
			ASTM-E-1444	Standard Practice for Magnetic Particle Testing
			MIL-STD-1949	INSPECTION, MAGNETIC PARTICLE
			MIL-I-6868	INSPECTION PROCESS, MAGNETIC PARTICLE
			DPS4.704	Magnetic Particle Inspection
			HP6-5	INSPECTION, MAGNETIC PARTICLE
			PS21201	Magnetic Particle Inspection
	Penetrant Inspection		BAC5423	PENETRANT METHODS OF INSPECTION
			BSS7039	LIQUID PENETRANT INSPECTION
			ASTM-E-1417	Standard Practice for Liquid Penetrant Testing
			MIL-STD-6866	INSPECTION, LIQUID PENETRANT
			MIL-I-6866	INSPECTION, PENETRANT METHOD OF
			DPS4.707	PENETRANT INSPECTION (FLUORESCENT)
			HP6-13	INSPECTION, PENETRANT FLUORESCENT
	Radiographic Inspection		PS21202	PENETRANT INSPECTION
			MIL-STD-453	INSPECTION, RADIOGRAPHIC
			ASTM-E-1742	STANDARD PRACTICE FOR RADIOGRAPHIC EXAMINATION
			BSS7041	RADIOLOGIC INSPECTION, RADIOGRAPHY (FILM)
	Ultrasonic Inspection		PS21206	RADIOGRAPHIC INSPECTION - GENERAL
			BAC5439/-3	ULTRASONIC INSPECTION
			BSS 7055	ULTRASONIC INSPECTION, WROUGHT PRODUCTS
			MIL-STD-2154	INSP, ULTRASONIC, WROUGHT METALS, PROCESS FOR
			MIL-I-8950	INSP, ULTRASONIC, WROUGHT METALS, PROCESS FOR
DPS4.713			ULTRASONIC INSPECTION-WROUGHT METALS	
HP6-22			ULTRASONIC INSP OF METALS	
Eddy Current		PS21211/.3	ULTRASONIC INSPECTION OF WROUGHT METALS	
		PS21219	EDDY CURRENT INSPECTION, GENERAL	
Cessna	Sulfuric Anodize	CSFS020 Type II	Anodize, Chromic, Sulfuric and Hardcoat	
	Cadmium Plate	CSFS024	Cadmium Plating Specification, Steel and Copper Alloys	
	Chemical Film	CSFS027	Chemical Film, Chromate Conversion for Aluminum and Aluminum Alloys	
	Chemical Cleaning	CSFS035	Chemical Cleaning of Metals	
	Passivation	CSFS035	Chemical Cleaning of Metals	
	Nital Etch	MC-609	Nital Etch Inspection	
	Nital Etch Steel Parts	CSPS058	Nital Etch Inspection	
Application of Solid Film Lube	CSFS070	Application of Solid Film Lube		
Curtiss Wright	Cadmium Plating	QQ-P-416	Plating, Cadmium (Electrodeposited)	
	Passivation	QQ-P-35	Passivation Treatments for Corrosion Resistant Steel	
		AMS 2700	Passivation of Corrosion Resistant Steel	
	Anodize	AMS 2471	Anodic Treatment of Aluminum Alloys Sulfuric Acid Process, Undyed Coating	
		MIL-A-8625	Anodic Coatings, for Aluminum and Aluminum Alloys	
	Dry Film Lube	CPS6750	Solid Film Lubricants	
	Chem Film	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	
	Ti-Cad Plating	CPS6708	Cadmium-Titanium Alloy Plating	
		CPS7203	Cadmium-Titanium Alloy Plating of High Strength Steel	
	Cleaning	CPS6003	Aluminum Etch	
	Sol Gel Coatings	BAC5665	Application of Sol-Gel on Corrosion Resistant Alloys for Painting	
		CPS6716	Primer, Epoxy Type	
		CPS6717	Application of Primer for Chemical and Solvent Resistant Surfaces	
		CPS6736	Enamel, Epoxy Type	
		CPS6832	Paint System, F-14 Flap/Slat Drive Set	
		CPS6964	F-16 Leading Edge Flap Actuator System Finish Specification	
		CPS7221	F-22 Finish Specification	
	Paint	CPS7304	Process for Application of Paint System F-18 Canopy	
		ASTM-B-117	Standard Practice for Operating Salt Spray (Fog) Apparatus	
	Salt Spray Testing			
Shotpeen		AMS2430	Shot Peening, Automatic	
		CPS6714	Shot Peening	
		CPS6839	Shot Peening	
		MIL-S-13165	Shot Peening	
		MIL-S-851	STEEL GRIT, SHOT & CUT WIRE SHOT; & IRON GRIT & SHOT BLAST CLEANING &	
		BAC5730	SHOT PEENING	
Chromium Plating		QQ-C-320	CHROMIUM PLATING (ELECTRODEPOSITED)	
		CPS5426	MAGNETIC PARTICLE INSP ACC/REJECT CRITERIA	
		CPS5427	FLUORESCENT PENETRANT INSP ACC/REJ CRITERIA	
		ASTM E 1417	Stand. Practice for Liquid Penetrant Testing	
		ASTM E 1444	Stand. Practice for Magnetic Particle Testing	



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PRIME	PROCESS	SPECIFICATION	TITLE
	NDT	AMS 2649	ETCH INSP OF HIGH STRENGTH STEEL PARTS
		PS 21201	MAGNETIC PARTICLE INSPECTION
		PS 21202	PENETRANT INSPECTION
		BAC 5423 FPI	PENETRANT METHODS OF INSPECTION
		BSS 7039 FPI	LIQUID PENETRANT INSPECTION
		BAC 5424 MPI	MAGNETIC PARTICLE INSPECTION
		BSS 7040 MPI	MAGNETIC PARTICLE INSPECTION
		BAC 5436	ETCH INSPECTION OF GROUND OR MACHINED STEEL PARTS
		BOEING D1-4426	APPROVED PROCESS SOURCES
EDO	Aluminum Etch	EF157	METAL ETCHING FOR DYE PENETRANT INSPECTION
Embraer* *Triumph-Vought Parts Only	Chemical Film	NE40-006	Aluminum and Its Alloys - Chemical Conversion Coating
	Passivation	NE40-081	Stainless Steels - Passivation
	Anodize	NE40-30	Aluminum and its alloys-anodic coatings in chromic acid
	Metallic Parts Cleaning	NE40-012	Metallic Parts - Cleaning
	Chromate Epoxy Primer	NE40-143	Epoxy Primer, Chromate Based, Fluid Resistant (MEP 10-059 Types I, II and III) for Metallic Detail Parts - Application Requirements
	Polyurethane & Metallic Enamel Application	NE40-160	High Solids Polyurethane & Metallic (MICA) Enamel (MEP 10-069) - Application Reqs
	Penetrant Inspection	NE07-001	Penetrant Inspection
Goodrich - Aerostructures	Anodize	MIL-A-8625 RPS13.55	Anodic Coatings, for Aluminum and Aluminum Alloys Sulfuric Acid Anodize for Aluminum Alloys
	Magnetic Particle Insp	ASTM-E-1444, RPS18.08	Magnetic Particle Insp
	Penetrant Insp	ASTM-E-1417, RPS18.10	Penetrant Insp
	Radiography	MIL-STD-453	Radiography
	Cadmium Plating	AMS-QQ-P-416 Ty I,II Cl 1,2,3	Plating, Cadmium (Electrodeposited)
	Chemical Conversion Coating	RPS13.53	Application of Chemical Conversion Coatings on Aluminum Alloys
	Passivation	AMS2700 RPS15.00	Passivation of Corrosion Resistant Steels Surface Preparation of Heat and Corrosion Resistance Alloys
Goodrich - Landing Gear (Collins)	Chemical Conversion Coating	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
	Dry Film Coating	CP-0420 MIL-PRF-46010	Solid Film Lubricant Coating Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
	Nital Etch Inspection	LGPS3000 MIL-STD-867	Nital Etch Inspection Temper Etch Inspection
	Paint Application	BR-167	Organic Finish System for E2-C Landing Gear
		LGPS1001	Application of Primer & Topcoat to Landing Gear and Other Systems - A380 Program
		MIL-F-18264 MIL-L-23398	Finishes: Organic, Weapons System, Application and Control of Lubricant, Solid Film, Air Cured, Corrosion Inhibiting
	Anodize - Chromic	MIL-A-8625, Ty I CPS1000-01	Anodic Coatings, for Aluminum and Aluminum Alloys ANODIZING, ALUMINUM ALLOYS
	Anodize - Sulfuric	MIL-A-8625, Ty II	Anodic Coatings, for Aluminum and Aluminum Alloys
	Brush Cadmium Plating	LGPS1102	Stylus Cadmium Plating
		MIL-STD-865	Selective (Brush Plating), Electrodeposition
	Cadmium Plating	AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)
		CP-0440	Stylus Applied Cadmium Plating
		CP-0480	Cadmium Plating
		LGPS1100 MIL-STD-870	Electrodeposition of Cadmium Plating LHE Method Cadmium Plating, Low Embrittlement, Electrodeposited
	Cadmium-Titanium Plating	LGPS1103 MIL-STD-1500	Electrodeposition of Ti-Cad Plating, Low Hydrogen Embrittlement Method Cadmium-Titanium Plating, Low Embrittlement, Electrodeposition
	Stress Relief	AMS-2759/1,2,3,11	Heat Treatment of Steel Parts
	Passivation	ASTM-A-967	Standard Specification for Chemical Passivation Treatments for Stainless Steel
		MIL-S-5002	Surface Treatments and Inorganic Coatings for Metal Surfaces of Weapon Systems
		ASTM-A-380	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
		AMS2700	Passivation of Corrosion Resistant Steels
	Titanium Cleaning	LGPS8003	Fabrication and Cleaning of Titanium Parts
	Penetrant Inspection	CP16.03-01-02	PENETRANT INSPECTION AND CLASSIFICATION OF DISCONTINUITIES
		CP16.03-03-01	PENETRANT INSPECTION OF SILICON CARBIDE
		CP16.03-17	PENETRANT INSP & CLASSIFICATION OF DISCONTINUITIES
ASTM-E-1417		Penetrant Inspection	
Magnetic Particle Inspection	ASTM-E-1444	Magnetic Particle Inspection	
	CP16.04-08	MAGNETIC PARTICLE INSPECTION AND CLASSIFICATION OF DISCONTINUITIES	
	AMS-2430	Shot peen	
	BP-105	Shot peen	



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PRIME	PROCESS	SPECIFICATION	TITLE
	Shot peen	CPC-6400	Shot peen
		PS-1201	Shot peen
	Pre-Penetrant Etch	CP15.67-01	ETCHING OF SOFT METALS PRIOR TO PENETRANT INSP
		HS1556	INSPECTION ULTRASONIC
	Aluminum Treat	AMS-C-5541 Cl 1A	CHEMICAL TREATMENT OF ALUMINUM
Gulfstream Aerospace	Cadmium Plating	AMS-QQ-P-416/GAMPS 6102	Plating, Cadmium (Electrodeposited)
		GAMPS6113	Chemical Conversion Coating on Aluminum and Aluminum Alloys
	Chem Film	MIL-DTL-5541 CL 1 & 3/GAMPS6113	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
	Chromic Anodize	GAMPS6201	Anodic Coatings (Type I - Chromic Acid) for Aluminum and Aluminum Alloys
		MIL-A-8625 Ty I	Anodic Coatings, for Aluminum and Aluminum Alloys
	Dry Film Lube	Approved	
	Glass Bead	MIL-S-13165	Shot Peening of Metal Parts
	Material Test Metallographic	Approved	
	Nital Etch	GAMPS9502	Temper Etch of Low Alloy Steel Parts
		GAMPS4103	Acid Cleaning of Ferrous Alloys
	Passivation	QQ-P-35	Passivation Treatments for Corrosion Resistant Steel
		AMS2700	Passivation of Corrosion Resistant Steels
	Primers and Topcoats	Approved	
	Protective Coatings	Approved	
	Salt Spray Testing	ASTM-B-117	Standard Practice for Operating Salt Spray (Fog) Apparatus
	Stress Relieving	MIL-H-6875	Heat Treatment of Steel, Process for
	Sulfuric Anodize	AMS2471	Anodic Treatment of Aluminum Alloys Sulfuric Acid Process, Undyed Coated
		MIL-A-8625 Ty II	Anodic Coatings, for Aluminum and Aluminum Alloys
Eddy Current Testing		Eddy Current Testing	
Penetrant Testing	ASTM-E-1417	Penetrant Testing	
Magnetic Particle Testing	ASTM-E-1444	Magnetic Particle Testing	
Radiography X-Ray		Radiography X-Ray	
Ultrasonic Testing Contact and Immersion		Aluminum, Steel and Titanium	
Hamilton Sundstrand	Passivation	QQ-P-35, P44	Passivation of Corrosion Resistant Steel
			Passivation of Corrosion Resistant Steel
		HS 178 CATA	Passivation of Corrosion Resistant Steel
		AMS 2700	Passivation of Corrosion Resistant Steels
		MIL-S-5002	Surface Treatments and Inorganic Coatings for Metal Surfaces of Weapon Systems
		ASTM-A380	Passivation of Corrosion Resistant Steels
		AMS-QQ-P-35	Passivation Treatments for Corrosion Resistant Steel
	Etch	ASTM A380	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steels Parts, Equipment, and Systems
		CP-14.10-07	Passivation of Corrosion Resistant Steels
		PN14.10	Passivation of Corrosion Resistant Steels
	Chem Film	CP15.43.01	Pickling of Soft Metals Before Penetrant Inspection, Aluminum only
		PN15.67	Etching of Soft Metals Before Penetrant Inspection
	Anodizing	MIL-DTL-5541, MIL-C-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
		CPS1000-01 Ty II Cl 1B, & 1D	Anodizing, Aluminum Alloys
		CPS1000-01 Ty I/IB Class 1B and 1D	Anodizing, Aluminum Alloys
		CPS1000 Ty II Cl 1B and 1D	Anodizing, Aluminum Alloys
		CPS1000 Ty I/IB Class 1B and 1D	Anodizing, Aluminum Alloys
		PN14.06-01, 02	ANODIZE, BORIC ACID - SULFURIC ACID PROC Ty I, Ty II
		PN15.43	ETCHING OF SOFT METALS BEFORE PENETRANT
		CP15.67-01	ETCHING OF SOFT METALS PRIOR TO PENETRAN
		CP15.67-02	ETCHING OF SOFT METALS PRIOR TO PENETRAN
		PN15.67	ETCHING OF SOFT METALS PRIOR TO PENETRAN
		MIL-A-8625	Anodic Coatings, for Aluminum and Aluminum Alloys
Penetrant Inspection	ASTM-E-1417, ESR0004, MIL-I-6866, MIL-STD-1907, P256, HS 447	Penetrant Inspection	
Magnetic Particle Insp	AMS2640, ASTM-E-1444, CP16.04-02, -08, -12, -13, -15, and -17, HS-31, MIL-I-6868, MIL-STD-1949, PS 400-2 (Dowty only)	Magnetic Particle Insp	



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	Ultrasonic Insp	AMS2630, AMS-STD-2154, CP16.06, CP16.06-01-02, CP16.06-02, CP16.06-03-01/-04/-05, CP16.06-04-01, CP16.06-06-01, CP16.06-09/-10/-11/-12/-12-01/-12-02, HS 1556, MIL-I-8950/MIL-STD-2154	Ultrasonic Insp
	Radiographic Insp	ASTM-E-1742, ESR0006, HS4845, HS93, MIL-STD-2175, PN16,01, MIL-STD-453, XRM, XRS (PW ONLY)	
Heroux Devtek	Temper (Nital) Etch Inspect	AMS2649 MIL-STD-867	Etch Inspection of High Strength Steel Parts Temper Etch Inspection
	Cadmium Plating	AMS2401	Plating, Cadmium - Low Hydrogen Content Deposit
		AMS2400	Cadmium Plating
		AMS-QQ-P-416 / QQ-P-416	Plating, Cadmium (Electrodeposited)
		MIL-STD-870	Cadmium Plating, Low Embrittlement, Electrodeposited
	Sulfuric Acid Anodize	AMS2471	Anodic Treatment of Aluminum Alloys Sulfuric Acid Process, Undyed Coating
		MIL-A-8625	Anodic Coatings, for Aluminum and Aluminum Alloys
	Chromic Acid Anodize	AMS2470	Anodic Treatment of Aluminum Alloys, Chrome Acid Process
		MIL-A-8625	Anodic Coatings, for Aluminum and Aluminum Alloys
	Chemical Film	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
		AMS2473	Chemical Treatment for Aluminum Alloys General Purpose Coating
		AMS2486	Conversion Coating of Titanium Alloys/Fluoride Phosphate Type
	Titanium Cadmium Plating	AMS2419	Cadmium-Titanium Plating
		MIL-STD-1500	Cadmium-Titanium Plating, Low Embrittlement, Electrodeposition
	Paint	MIL-PRF-22750	Coating, Epoxy, High Solids
		MIL-DTL-53039	Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant
		MIL-C-8514	Coating Compound, Metal Pretreatment Resin Acid
		MIL-PRF-85285	Coating: Polyurethane, High Solids
		MIL-DTL-53022	Primer, Epoxy Coating, Corrosion Inhibiting Lead and Chromate Free
		MIL-DTL-53030	Primer Coating, Epoxy, Water Based, Lead and Chromate Free
		MIL-F-18264 / MIL-F-14072	Finishes: Organic, Weapon System, Application and Control of
		MIL-C-83286	
		MIL-PRF-23377	Primer Coatings: Epoxy, High Solids
		MIL-PRF-85582	Primer Coatings: Epoxy, Waterborne
		MIL-C-46168	Coating, Aliphatic Polyurethane, Chemical Agent Resistant
	MIL-W-5044	Walkway Coating	
	Brush Plating	MIL-STD-865	Selective (Brush Plating), Electrodeposition
		AMS2700	Passivation of Corrosion Resistant Steels
	Passivate	QQ-P-35	Passivation Treatments for Corrosion Resistant Steel
		ASTM-A380	Passivation Treatments for Corrosion Resistant Steel
		AMS-QQ-P-35	Passivation Treatments for Corrosion Resistant Steel
		ASTM-A967	Standard Specification for Chemical Passivation Treatments for Stainless Steel
		ASTM-A380	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts,
	Solid Film Lube	MIL-L-23398	Lubricant, Solid Film, Air Cured, Corrosion Inhibiting
		MIL-PRF-46010 / MIL-L-46010	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
		MIL-PRF-46147 / MIL-L-46147	Lubricant, Solid Film, Air Cured
		MIL-PRF-81329	Lubricant, Solid Film, Extreme Environment, Nato Code Number S-1737
		MIL-L-8937	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
	Shot Peen	AMS-S-13165	Shot Peening of Metal Parts
		AMS-2430	Shot Peening of Metal Parts
		MIL-S-13165	Shot Peening of Metal Parts
	Stripping Inorganic Coating	MIL-STD-871	Electrochemical Stripping of Inorganic Finishes
	Cleaning	ASTM-B-600	Standard Guide for Descaling and Cleaning Titanium and Titanium Alloy Surfaces
	Conversion Coating of Titanium	AMS-2486	Conversion Coating of Titanium
	NDT Certification and Qualif	NAS-410	NDT Certification and Qualif
	Penetrant Inspection	AMS2440 / MIL-STD-1907	Penetrant Inspection
		ASTM-E1417 / MIL-STD-6866	Penetrant Inspection
Magnetic Particle Inspection	AMS2442 / MIL-STD-1907	Magnetic Particle Acceptance Criteria for Parts	
	ASTM-E1444 / MIL-STD-1949	Standard Practice for Magnetic Particle Testing	
Honda Aircraft Co.	Cadmium Plating	HJPS-6008	Cadmium Finishes
	Epoxy Primer	HJPS-6007	Epoxy Primer Application
	Magnetic Particle Inspect	HJPS-T005	Magnetic Particle Inspection



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PRIME	PROCESS	SPECIFICATION	TITLE
Honeywell	Magnetic Particle Insp	Nadcap AC7114/2	NADCAP NDT - Magnetic Particle Inspection
	Cleaning/Etch	AC7108	NADCAP Chemical Processing
	Passivation	AC7108	NADCAP Chemical Processing
	Chem Film	AC7108	NADCAP Chemical Processing
	Cadmium Plating	AC7108	NADCAP Chemical Processing
	Anodize	AC7108	NADCAP Chemical Processing - Chromic and Sulfuric
	Prime & Paint	AC7108/1	NADCAP Paint and Dry Film Coatings-PS-4022 and PS-4016 see Type restrictions
	Dry Film Lube	AC7108/1	NADCAP Painting and Dry Film Coatings
	Phosphate Fluoride Coating	AC7108	NADCAP Chemical Processing (TITANIUM ALLOYS)
Shot Peen	AC7117/2	NADCAP Shot Peening, Glass Bead Peening	

Kaman Aerospace	Chromic Anodize (001-1)	MIL-A-8625 Ty I	Anodic Coatings, for Aluminum and Aluminum Alloys
	Sulfuric Anodize (001-2, -3)	MIL-A-8625(Ty II)	Anodic Coatings, for Aluminum and Aluminum Alloys
	Chem Film (003)	MIL-C-5541	Chemical Conversion Coating on Aluminum and Aluminum Alloys
		GSS 9010	Chemical Film for Aluminum and Aluminum Alloys
	Passivation (019, 021-2, -6, -7, -8)	QQ-P-35 Ty 2 + 6, KPS211	Corrosion Resistant Steel Parts
		GSS7021	Acid Cleaning of Ferrous Alloys
		ASTM A967	Standard Specification for Chemical Passivation Treatments for Stainless
	Prime & Paint (061-1, -2, -4, -5, -6, -7, -8)	MIL-P-85582	Primer Coatings: Epoxy, Waterborne
		KPS950	Finishes, Corrosion Preventative
		GSS4310	Primer Coating, Epoxy Polyamide, Application of
		GSS4401 / MIL-F-18264	Lacquer, Cellulose-Nitrate, Application of
		GSS4501	Coating, Epoxy Polyamide, Application of
		MIL-R-3043/5056	Resin Coating, Permanent, For Engine Components and Metal Parts
		MIL-C-85285 Ty I	Paint
		MIL-PRF-85285 / MIL-C-83286	Coating: Polyurethane, High Solids
	Nital Etch Inspection (141)	MIL-P-23377	Primer Coatings: Epoxy, High Solids
		G-102	Finish Specification, H-2 Helicopter
	Cadmium Plating (301-1, -2, -3)	MIL-STD-867	Temper Etch Inspection
		GSS19200/KPS500	Nital Etching of Low Alloy Steel
	Stress Relief (481-3)	QQ-P-416 Ty 1 and 2	Plating, Cadmium (Electrodeposition)
		GSS8050	Cadmium Plating for Ferrous Parts Heat Treated up to RC46
	Solid Film Lube (071, 072)	KPS219 / GSS5105	Heat Treatment of Carbon and Low Alloy Steels
		MIL-H-6875	Heat Treatment of Steel, Process for
MIL-L-23398		Lubricant, Solid Film, Air Cured, Corrosion Inhibiting	
Titanium Cleaning (293)	GSS10300	Solid Dry Film Lubricant Application of	
	MIL-L-46010	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting	
Penetrant Insp	KPS229	Cleaning of Titanium and Titanium Alloys	
Magnetic Particle Insp	ASTM E1417 / KPS212	Penetrant Insp	
Radiographic Testing	ASTM E1444 / KPS208	Magnetic Particle Insp	
Ultrasonic Insp	MIL-STD-453 / KPS217	Radiographic Testing	
	MIL-STD-2154 / MIL-I-8950	Ultrasonic Insp	

LifePort / Enflight	Sulfuric Acid Anodize	MIL-A-8625 Type II Class 1 & 2	Anodic Coatings, for Aluminum and Aluminum Alloys
	Boric Sulfuric Acid Anodize	MIL-A-8625 Type IC Class 1 & 2	Anodic Coatings, for Aluminum and Aluminum Alloys
	Cadmium Plating	AMS-QQ-P-416 Type II Class 1 & 3	Plating, Cadmium (Electrodeposited)
	Passivate	AMS2700 Type 2	Passivation of Corrosion Resistant Steels
		AMS-QQ-P-35 Type 2	Passivation Treatments for Corrosion Resistant Steel
	Grit Blasting	ASTM A967	Standard Specification for Chemical Passivation Treatments for Stainless Steel
	Prime/Paint	MIL-STD-1504	Abrasive Blasting
EGR-682-91 / EPS-103		Surface Finishes	
	MIL-PRF-23377 Ty II	Primer Coatings: Epoxy, High Solids	

	Chromic Acid Anodize	MIL-A-8625 Ty I/IB	Anodic Coatings, for Aluminum and Aluminum Alloys
		2ZZP00001	FINISH SPECIFICATION FOR JSF WEAPON SYSTEM
	Boric Sulfuric Anodize	5PTPHL23/5PTPHB20	Boric Acid - Sulfuric Acid Anodizing of Aluminum and Aluminum Alloys
	Titanium Fluoride-Phosphate Coating	5PTPHG16	Conversion Coating of Titanium Alloys
	Titanium Conv. Coating	AMS-2486	Conversion Coating of Titanium Alloys/Fluoride Phosphate Type
	LMA-PH016	Conversion Coating of Titanium Alloys	
Chemical Film	AMS-C-5541/MIL-DTL-5541, Type I, Class 1A and Class 3	Chemical Conversion Coating on Aluminum and Aluminum Alloys	





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PRIME	PROCESS	SPECIFICATION	TITLE
Lockheed Martin	Fuel Tank Coating	STP58-405	Chemical Protective Film for Aluminum and Aluminum Alloys
		MIL-C-27725/AMS-C-27725	Coating, Corrosion Preventative, Polyurethane for Aircraft Integral Fuel Tanks for Use to 250F(121C)
		FPS1004 (application of MIL-C-27725/AMS-C-27725 material only)	Sealing Specification Integral Fuel Tanks
	Hardness/Conductivity Testing	NDTS1500/1501/1502	Hardness and Conductivity Testing NDT Methods for Verifying Heat Treat Condition
		5PTPCG09 App A/B	Hardness and Conductivity Testing NDT Methods for Verifying Heat Treat Condition
	Nital	LMA-PC009	Hardness and Conductivity Testing, Nondestructive Methods
	Stress Relieving	STP53-701	Etch Inspection of High Strength Steel Parts
	Prime & Paint	STP54-008	Thermal Stress Relief and Baking of Steel Parts
		MIL-F-18264	Finishes: Organic, Weapons System, Application and Control of
	Cadmium Plating	LMA-PJ264	Application and Control of Organic Finishes
		AMS-QQ-P-416 Ty I/II	Plating, Cadmium (Electrodeposited)
	Pre-Penetrant Etch	0491 (C-130 only)	Cadmium Plating (Electrodeposited)
		NDTS-1101 (Aluminum and Titanium)	Penetrant Inspection
		5PTPGG01 (Aluminum and Titanium)	Requirements for Etch/Cleaning Prior to Penetrant Inspection
		5PTPGL01	Cleaning of Titanium and Titanium Alloys
		5PTPGL03	Cleaning of Aluminum and Aluminum Alloys
		STP57-301	Cleaning of Aluminum and Aluminum Alloys
	Shot Peening	LMA-PG001 (Aluminum and Titanium)	Requirements for Etch/Cleaning Prior to Penetrant Inspection
		MIL-S-13165/AMS-S-13165	Shot Peening of Metal Parts
	Solid Film Lubricant	STP51-501	Shot Peening of Metal Parts
		MIL-L-46010/MIL-PRF-46010	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
	Magnetic Particle Inspection	5PTPMT02	Lubricant, Solid Film, Air Drying and Heat Cured, Application of
		MIL-STD-1949/ASTM-E-1444	INSPECTION, MAGNETIC PARTICLE
		STP53-001	MAGNETIC PARTICLE INSPECTION, REQUIREMENTS FOR
	Penetrant Inspection	LMA-PC007	REQUIREMENTS FOR MAGNETIC PARTICLE INSPECTION PROCEDURES
		MIL-STD-6866/ASTM-E-1417	INSPECTION, LIQUID PENETRANT
		STP53-201/LCP72-1068	PENETRANT INSPECTION, GENERAL REQUIREMENTS FOR
		5PTPCL02	PENETRANT INSPECTION GENERAL REQUIREMENTS
LMA-PC201		REQUIREMENTS FOR FLUORESCENT PENETRANT INSPECTION OF METALLIC PARTS AND MATERIALS	
5PTPCG06	REQUIREMENTS FOR PENETRANT INSPECTION PROCESS		
Lockheed Space	Chromic Acid Anodize	MIL-A-8625 Ty I, II	ANODIC COATINGS, FOR ALUM & ALUM ALLOYS
	Deox	STP5006	DEOXIDATION OF ALUMINUM ALLOYS
	Clean	STP5015	CLEANING TITANIUM ALLOYS
		STP5002	SOLVENT CLEAN FLUSH OR WIPE
		STP5001	DEGREASING, VAPOR
		STP5004	CLEANING, ALKALINE, NON-ETCH
	Penetrant	STP2501	PENETRANT INSPECTION
		STP4502	PRESERVATION PACKAGING, PACKING & SHIPPING OF FORMED MACHINED OR FINISHED DETAILS
Prime & Paint	STP3003	EPOXY COATING,CORROSION INHIBITING CRYOGENIC COMPATIBLR,APPLICATION	
Lycoming	Penetrant	ASTM E 1417	Stand. Practice for Liquid Penetrant Testing
		LPS547	
	Mag	ASTM E 1444	Stand. Practice for Magnetic Particle Testing
LPS561		Penetrant Inspection, Method of	
X-Ray	ASTM E 1742	STANDARD PRACTICE FOR RADIOGRAPHIC EXAMINATION	
	LPS557	Radiographic Inspection	
	Cadmium Plating	QQ-P-416	Plating, Cadmium (Electrodeposited)
		PCS2100	Cadmium Plating of Ultra High Strength Steel
		MIL-STD-1500	Cadmium-Titanium Plating, Low Embrittlement, Electrodeposition
		PCS2101	Cadmium Plating of Steels UTS <1450MPa (210 ksi), Copper Alloys and Al Alloys
	Alkaline Degreasing	PCS2621	Alkaline Degreasing of Parts
	Abrasive Blast	PCS2610	Dry Grit Blasting with Aluminum Oxide
		PCS3600	Etch Inspection of High Strength Steel Parts
	Anodize	MIL-A-8625	Anodic Coatings, for Aluminum and Aluminum Alloys
	Chem Film	PCS 2220	Protective Chemical Treatment of Aluminum Alloys
	Solid Film Lubricant	MIL-PRF-46010	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
Stress Relief	DCMP-130	HEAT TREATMENT OF LOW ALLOY STEELS	



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PRIME	PROCESS	SPECIFICATION	TITLE
Messier-Dowty / Safran	Stress Relief	AMS2759	Heat Treatment of Steel Parts - General Requirements
	Shot Peening	PCS2300	Steel Shot Peening
	Ti-Cad Plating	MIL-STD-1500	Cadmium-Titanium Plating, Low Embrittlement, Electrodeposition
	Brush Plating	PCS2141	LHE Cadmium Brush Plating
	Passivation	AMS2700	Passivation of Corrosion Resistant Steels
		PS13001	Passivation of Corrosion and Heat Resisting Alloys
	Paint	PCS2530	Low VOC Polyurethane Paint
		PS13630	Painting of F/A-18 and AV-8 Aircraft
	Inspection of Titanium Alloy	PCS3601	Inspection of Titanium Alloy Parts
	Penetrant Inspection	PCS3200	Fluorescent Penetrant Flaw Detection
		ASTM-E-1417	Standard Practice for Liquid Penetrant Testing
	Magnetic Particle Inspection	PCS3100	Magnetic Particle Inspection
		ASTM-E-1444	Standard Practice for Magnetic Particle Testing
Penetrant Inspection	ASTM-E-1417	Standard Practice for Liquid Penetrant Testing	
	X-Ray	MP7518	Radiographic Inspection - General
	Passivation/Cleaning	MP2258	Cleaning and Passivation, Corrosion Resistant Steels and Heat Resistant Steels
MOOG	Magnetic Particle Inspection	ASTM-E-1444	Standard Practice for Magnetic Particle Testing
	Penetrant Inspection	ASTM-E-1417	Standard Practice for Liquid Penetrant Testing
	Passivation	ASTM A967	Standard Specification for Chemical Passivation Treatments for Stainless Steel
Northrop Grumman	Anodic Coating	MIL-A-8625(not approved for Ty3)	Anodic Coatings, for Aluminum and Aluminum Alloys
	Brush Plating	GSS 8060	Brush Plating of Ferrous and Non Ferrous Alloys
		MIL-STD-865	Selective (Brush Plating), Electrodeposition
	Cadmium Plating	AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)
		GSS 8052	Cad Plating for Ferrous Parts Heat Treated in RC46-49 Range
	Chem Film	MIL-DTL-5541(Ty1 only)	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
	Dry Film Lube	GSS 10300(Everlube 620C)	Solid Dry Film Lubricant Application of
		MIL-PRF-46010	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
	Etch Inspection	MIL-STD-867	Temper Etch Inspection
		GSS19200	Nital Etching of Low Alloy Steel
		IT-69	Nital Etch Inspection of High Strength Steel Parts
	Fuel Tank Coating	GSS 4306	Integral Fuel Tank Coating (MIL-C-27725) Application of
	Heat Treatment	GSS 5100(stress relief only)	Heat Treatment of Low Alloy Steels
	Passivation	AMS2700-TY2,6,	Passivation of Corrosion Resistant Steels
		ASTM-A-967-Nitric1,2,3, Citric3, Practice B,C,D,E & F	Standard Specification for Chemical Passivation Treatments for Stainless Steel
	Pickling	GP17G	Procedure, Etching Prior to Penetrant Inspection
		GSS7021	Acid Cleaning of Ferrous Alloys
		GSS7015-Meth's 2,3,5,7	Cleaning and Descaling of Titanium and Titanium Alloy
		MPD1103	Cleaning of Titanium and Titanium Alloys
	Prime & Paint	MPD1074	Cleaning of Aluminum Alloy Parts
		GSS4310	Primer Coating, Epoxy Polyamide, Application of
		GSS4510	Coating, Polyurethane, Application of
		MIL-I-46058	Insulating Compound, Electrical (For Coating Printed Circuit Assemblies)
	Salt Spray	ASTM B117(In-house processes only)	Standard Practice for Operating Salt Spray (Fog) Apparatus
	Penetrant Inspection	ACS-PRS-7005	Process Specification for Penetrant Inspection
		ASTM-E-1417	Standard Practice for Liquid Penetrant Testing
		GT23A	TEST NDT PENETRANT METHOD OF INSPECTION
	Magnetic Particle Inspection	IT-60	PENETRANT INSPECTION
		ACS-PRS-7010	Process Specification for Magnetic Particle Inspection
		ASTM-E-1444	Standard Practice for Magnetic Particle Testing
		NGT23K	TEST, NON-DESTRUCTIVE, MAGNETIC PARTICLE METHOD OF INSPECTION
	Shot Peening	IT-61	PENETRANT INSPECTION
AMS2430		Shot Peening, Automatic	
GSS5310		PEENING OF FERROUS & NON FERROUS ALLOYS	
	G-T501 (Not approved for glass bead shot)	PEENING, SHOT-PROCESS FOR	
Ultrasonic Inspection	ASM-STD-2154	INSPECTION, ULTRASONIC, WROUGHT METALS, PROCESS FOR	
	GSS16101	ULTRASONIC INSPECTION OF LOW ALLOY & STAINLESS STEELS	
Radiographic Inspection	ASTM-E-1742	STANDARD PRACTICE FOR RADIOGRAPHIC EXAMINATION	
	TS19-03/01/02/03/04/05/06/07/08/09/10/11/16/17	Radiographic Inspection Criteria	
Testing	MIL-STD-883	Test Method Standard Microcircuits	
	Anodize	MIL-A-8625 Type II	Anodic Coatings, for Aluminum and Aluminum Alloys
	Chem Film	MIL-DTL-5541 Type I	Chemical Conversion Coatings on Aluminum and Aluminum Alloys





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<b>Parker</b>	Cadmium Plating	AMS-QQ-P-416	Cadmium Plating
	Ti-Cad Plating	AMS2419	Cadmium-Titanium Plating
	Passivation	AMS2700 Type 2 & 6	Passivation of Corrosion Resistant Steels
		AMS-QQ-P-35 Type II & VI	PASSIVATION TREATMENTS FOR CORROSION RESISTANT STEEL
	Penetrant Inspection	ASTM-E-1417	Standard Practice for Liquid Penetrant Testing
	Magnetic Particle Inspection	ASTM-E-1444	Standard Practice for Magnetic Particle Testing
	NDT - penetrant	FPM Code 1, 2 & 7	Penetrant Inspection
NDT - Xray	XRM Code 1, 3 & 9	X-Ray Inspection	
<b>Saab</b>	Cadmium Plating	STD1980	Standard, Mat Cadmium Plating
	Aluminum Etching	STD2012	Cleaning Aluminum Alloys
<b>Schweizer Aircraft</b>	Chem Film	SHP4-57	Chemical Films for Aluminum and Aluminum Alloys
	Penetrant Inspection	SHP6-13	Liquid Penetrant Inspection
	Liquid Penetrant	SHP6-13	Liquid Penetrant Inspection
	Appl. Of Paint System	SHP4-107	Application of Paint System to Model 269, SHU-40A/B & Fixed-wing Recon Aircraft
MIL-PRF-23377		Primer Coatings: Epoxy, High Solids	
<b>Sikorsky</b>	Anodize	MIL-A-8625 TY IC, II	Anodic Coatings, for Aluminum and Aluminum Alloys
		SS8483 TY IC, II	Anodic Coatings for Aluminum and Aluminum Alloys
	Cadmium Plating	AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)
		AMS 2401	Plating, Cadmium (Electrodeposited)
		SS8448	Plating, Cadmium (Electrodeposited)
	Brush Plating	MIL-STD-865	Selective (Brush Plating), Electrodeposition
		SS8443	Selective (Brush Plating), Electrodeposition
	Stress Relief	SS8407	Baking After Plating or Chemical Treatment of Steel Parts
		Shot Peen	AMS2430
	SS8767		SHOT PEENING OF ALUMINUM ALLOYS
	SS8769		Shot Peened Metal Parts, Local Rework of
	SS8768		Shot Peening of Steel Alloys
	Magnetic Particle Inspection	SS8766	SHOT PEENING TITANIUM
		SS8805	INSPECTION PROCESS, MAGNETIC PARTICLE
SS8813		NONDESTRUCTIVE INSPECTION PLAN	
Penetrant Inspection	ASTM-E-1444	Standard Practice for Magnetic Particle Testing	
	AIA/NAS410	NAS CERTIFICATION & QUALIFICATION OF NONDESTRUCTIVE TEST PERSONNEL	
Radiographic Inspection	SS8806	INSPECTION LIQUID PENETRANT	
	ASTM-E-1417	Standard Practice for Liquid Penetrant Testing	
Radiographic Inspection	SS8802	CASTINGS, CLASSIFICATION & XRAY INSPECTION OF	
	ASTM-E-1742	STANDARD PRACTICE FOR RADIOGRAPHIC EXAMINATION	
<b>Space X</b>	Anodize Ty I and II	MIL-A-8625	ANODIC COATINGS, FOR ALUM & ALUM ALLOYS
	Cadmium Plating	AMS-QQ-P-416	PLATING, CADMIUM (ELECTRODEPOSITED)
	Chemical Conversion Coating	MIL-DTL-5541	CHEMICAL CONVERSION COATINGS ON ALUMINUM AND ALUMINUM ALLOYS
	Dry Film Lube	AS5272	LUBRICANT,SOLID FILM,HEAT CURED,CORROSION INHIBITING PROCUREMENT SPECIFICATION
	NDT - Dye Penetrant Inspection	ASTM E 1417	Stand. Practice for Liquid Penetrant Testing
	NDT - Magnetic Particle	ASTM E 1444	Stand. Practice for Magnetic Particle Testing
	NDT - X-Ray	ASTM E 1742	STANDARD PRACTICE FOR RADIOGRAPHIC EXAMINATION
	NDT- Dye Penetrant Inspection	ASTM E 1417	
	NDT - Magnetic Particle	ASTM E 1444	
	NDT - Radiographic Testing (X-Ray Testing)	ASTM E 1742	
Passivation	AMS2700	Passivation of Corrosion Resistant Steels	
Pickling	ASTM A380/A380M-13	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel, Parts, Equipment, and Systems	
<b>Spirit</b>	Passivation	AMS2700	Passivation of Corrosion Resistant Steels
		AMS-QQ-P-35	Passivation of Corrosion Resistant Steels
	Salt Spray Testing	ASTM B-117	Stand. Practice for Operating Salt Spray (Fog) Apparatus
		SSS-143020	Salt Spray Testing - Internal Support
Solution Control	Approved	Process Solution Analysis - Internal Support	
	Chromic Anodize	MIL-A-8625 TY I, IB	ANODIC COATINGS, FOR ALUM & ALUM ALLOYS
	Sulfuric Anodize	MIL-A-8625 TY II	ANODIC COATINGS, FOR ALUM & ALUM ALLOYS
	Chemical Film	MIL-DTL-5541 CL 1A, CL 3	CHEMICAL CONVERSION COATINGS ON ALUMINUM AND ALUMINUM ALLOYS
	Cadmium Plating	QQ-P-416	PLATING, CADMIUM (ELECTRODEPOSITED)



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<b>Triumph Aerostructures - Vought Aircraft</b>	Passivation	ASTM A 967	STANDARD SPECIFICATION FOR CHEMICAL PASSIVATION TREATMENT FOR STAINLESS STEEL PARTS
		QQ-P-35	PASSIVATION TREATMENTS FOR CORROSION RESISTANT STEEL
	Phosphate Fluoride	208-4-2	PROCESS SPECIFICATION FOR SURFACE PREPARATION OF TITANIUM, PHOSPHATE-FLUORIDE METHOD
		MIL-STD-865	SELECTIVE (BRUSH PLATING), ELECTRODEPOSITION
	Nital Etch	MIL-STD-867	TEMPER ETCH INSPECTION
		STP53-701	NITAL ETCH INSPECTION
	Stress Relief	STP54-008	THERMAL STRESS RELIEF AND BAKING OF STEEL PARTS
	Penetrant Inspection	208-14-13 CL A & AA, CL B	PROCESS SPECIFICATION FOR PENETRANT INSP
		ASTM E 1417	Stand. Practice for Liquid Penetrant Testing
	UT Inspection	AMS-STD-2154	INSPECTION, ULTRASONIC, WROUGHT METALS, PROCESS FOR