

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
Airbus	Acid Etch Inspection	ABP 6-5225	Testing of Steels After Machining by Etch Inspection
	Blasting	ABP1-2344	Cleaning and Surface Improvement by Blasting
	Passivation	ABP1-5062	Passivation of Steels and Nickel Alloys
	Surface Prep Prior to Paint	ABP5-1351	Surface Preparation Prior to Application of Paints
	Prime	ABP4-1123	Application of Epoxy Primer to an Internal or External Surface
	Paint	ABP4-2130	Application of Flexible Finish Paint to an Internal Surface
	Alkaline Cleaning	ABP8-1290	Cleaning and Degreasing of Metallic Materials (Alkaline)
	Degreasing	ABP8-1294	Solvent Cleaning and Degreasing of Materials
Agusta	Passivation	STA100-80-07	Passivation
	Shot Peen	STA100-84-09	Shot Peening of Steel, Aluminum and Titanium Parts
		STA100-83-43	
BAE Systems	Chem Film	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
		LMA-PH016	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	Specification for Control of JSF Air Vehicle Critical Parts
	Hardness Test	LMA-PC009	Hardness and Conductivity Testing, Nondestructive Methods
	Marking of F35	2ZZP00008	Marking Specifications for JSF Aircraft and Support Equipment
	Organic Coatings	LMA-PJ264	Application and Control of Organic Finishes
	Touch-Up	LMA-PJ013	Touchup Requirements for Chemical and Organic Finishes
Bell Helicopter (ns)	Flight Safety Parts	QPS-101 FLT	Approved for Flight Safety, Critical and Primary Parts
	Brush Cadmium Plating	BPS4312	Selective Brush Cadmium Plating
	Cadmium Plate	BPS4006	Cadmium Plating, Electrodeposition
	Chemical Cleaning	BPS4138	Chemical Cleaning of Aircraft Materials

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
	Chemical Film Treatment	BPS4182, Class 1A	Chemical Film Treatment
	Chromic Acid Anodize	BPS4001	Chromic Acid Anodizing
	Conductivity	BPS4453 IH1 and IH2	Conductivity Testing of Wrought Aluminum Alloys / 2024 to Determine
	Passivation, Procedure I	BPS4007	Passivation
	Anti-Fretting Treatment for	BPS4456	Anti-Fretting Treatments for Titanium
	Magnetic Particle	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	BAC5019	Chromic Acid Anodize
		DPS11.01/-3	Chromic Acid Anodizing Aluminum - Chromate Sealed
		HP4-2	Anodizing of Aluminum and Aluminum Alloys
		MIL-A-8625	Anodic Coatings, for Aluminum and Aluminum Alloys
		PS13201	Anodizing, Aluminum Alloys
	Boric-Sulfuric Anodize	BAC5632	Boric Acid - Sulfuric Acid Anodizing
	Stress Relief	BAC5617	Heat Treatments of Alloy Steels
		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	Brush Plating
	Cadmium Plating	BAC5701	Cadmium Plating
		PS13101	Cadmium Electro Plating
		QQ-P-416	Plating, Cadmium (Electrodeposited)
		AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)
	Chemical Film	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		BAC5719	Chemical Conversion Coatings for Aluminum and Aluminum Alloys
		PS13209	Coating, Multicolored Chemical Conversion of Aluminum Alloy by the
	HCD Cad Plating	DPS9.28/-1	Special Cadmium Plating for High Strength Steels
		PS13144	Plating, Low Embrittlement Cad Electro (High Strength Steels)
	Ti-Cad Plating	BAC5804	Low Hydrogen Embrittlement Cadmium-Titanium Alloy Plating
	Clean of Titanium	BAC5753	Cleaning, Descaling and Surface Preparation of Titanium and Titanium
	Dry Film Lube	PS18021	Lubricants, Bonded Dry Film, Application of
	Etch Inspection	BAC5436	Etch Inspection of Ground or Machined Steel Parts
		DPS4.715	Etch Inspection of Ground or Machined Steel Parts
		PS21205	Temper Etch Inspection for Machined or Ground Surfaces on Hardened
	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	Shot Peening, Automatic
		BAC5730	Shot Peening
		DPS4.999	Shot Peening of Metal Parts
	Sol Gel Coatings	BAC5665	Application of Sol-Gel Conversion Coatings on Corrosion Resistant
	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
		HP6-5	Inspection, Magnetic Particle
	Penetrant Inspection	PS21201	Magnetic Particle 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

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		MIL-I-6866	Inspection, Penetrant Method of
		DPS4.707	Penetrant Inspection (Fluorescent)
		HP6-13	Inspection, Penetrant Fluorescent
		PS21202	Penetrant Inspection
	Radiographic Inspection	MIL-STD-453	Inspection, Radiographic
		ASTM-E-1742	Standard Practice for Radiographic Examination
		BSS7041	Radiologic Inspection, Radiography (Film)
		PS21206	Radiographic Inspection - General
	Ultrasonic Inspection	BAC5439/-3	Ultrasonic Inspection
		BSS 7055	Ultrasonic Inspection, Wrought Products
		MIL-STD-2154	Insp, Ultrasonic, Wrought Metals, Process for
		DPS4.713	Ultrasonic Inspection - Wrought Metals
		HP6-22	Ultrasonic Insp of Metals
		PS21211/.3	Ultrasonic Inspection of Wrought Metals
Current Eddy	PS21219	Eddy Current Inspection, General	
Cessna	Chromic Anodize	CSFS020 Type II	Anodize, Chromic, Sulfuric and Hardcoat
	Color Anodize	CSFS020 Class 2	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
	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	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

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PRIME	PROCESS	SPECIFICATION	TITLE
	Anodize	AMS 2471	Anodic Treatment of Aluminum Alloys Sulfuric Acid Process, Undyed
		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
		BAC5719	Chemical Conversion Coatings for Aluminum and Aluminum Alloys
	Ti-Cad Plating	CPS6708	Cadmium-Titanium Alloy Plating
		CPS7203	Cadmium-Titanium Alloy Plating of High Strength Steel
	Sol Gel Coatings	BAC5665	Application of Sol-Gel Conversion Coatings on Corrosion Resistant
	Paint	CPS6716	Primer, Epoxy Type
		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
	Nital Etch	CPS7304	Process for Application of Paint System F-18 Canopy
		BAC5436	Etch Inspection of Ground or Machined Steel Parts
Salt Spray Testing	AMS2649	Etch Inspection of High strength Steel Parts	
	ASTM-B-117	Standard Practice for Operating Salt Spray (Fog) Apparatus	
Embraer* *Triumph-Vought Parts Only	Chemical Film	NE40-006	Aluminum and Its Alloys - Chemical Conversion Coating
	Metallic Parts Cleaning	NE40-012	Metallic Parts - Cleaning
	Chromic Acid Anodize	NE40-030	Aluminum and Its Alloys - Anodic Coatings in Chromic Acid
	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
General Dynamics	Liquid penetrant Insp	ASTM-E-1417	Liquid Penetrant Insp
	Magnetic Particle Insp	ASTM-E-1444	Magnetic Particle Insp

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PRIME	PROCESS	SPECIFICATION	TITLE
Armament and Technical Products	Radiographic Insp	ASTM-E-1742	Radiographic Insp
	Ultrasonic Insp	MIL-STD-2154	Ultrasonic Insp
	Chemical Conversion	MIL-DTL-5541 Ty 1	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
Goodrich - Aerostructures	Anodize	MIL-A-8625	Anodic Coatings, for Aluminum and Aluminum Alloys
		RPS13.55	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 CI 1,2,3	Plating, Cadmium (Electrodeposited)
	Chromate Conversion Coating	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
		RPS13.53	Application of Chemical Conversion Coatings on Aluminum Alloys
	Passivation	AMS2700	Passivation of Corrosion Resistant Steels
		RPS15.00	Surface Preparation of Heat and Corrosion Resistance Alloys
Prime/Paint	RPS13.84	Application of Heat Resistant Urethane Prime	
	RPS13.97	Application of Chemical and Solvent Resistant Finishes	
Goodrich – Landing Gear (UTC)	Chemical Conversion Coating	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
		Dry Film Coating	CP-0420
	MIL-PRF-46010		Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
	Nital Etch Inspection	LGPS3000	Nital Etch Inspection
		MIL-STD-867	Temper Etch Inspection
	Paint Application	BR-167	Organic Finish System for E2-C Landing Gear
		LGPS1001	Application of Primer and Topcoat to Landing Gear and Other Systems -
		MIL-F-18264	Finishes: Organic, Weapons System, Application and Control of
		MIL-L-23398	Lubricant, Solid Film, Air Cured, Corrosion Inhibiting
	Anodize - Chromic	MIL-A-8625, Ty I	Anodic Coatings, for Aluminum and Aluminum Alloys
Anodize - Sulfuric	MIL-A-8625, Ty II	Anodic Coatings, for Aluminum and Aluminum Alloys	

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PRIME	PROCESS	SPECIFICATION	TITLE
	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	Electrodeposition of Cadmium Plating LHE Method
		MIL-STD-870	Cadmium Plating, Low Embrittlement, Electrodeposited
	Cadmium-Titanium Plating	LGPS1103	Electrodeposition of Titanium-Cadmium Plating, Low Hydrogen Embrittlement Method
		MIL-STD-1500	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 Parts
		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
	Zinc-Nickel Plating	LGPS-1106	Alkaline Zinc Nickel Plating
	Penetrant Inspection	ASTM-E-1417	Penetrant Inspection
	Magnetic Particle Inspection	ASTM-E-1444	Magnetic Particle Inspection
		CPC-9108	Magnetic Particle Inspection
		MM-5537	Magnetic Particle Inspection
	Shot Peen	AMS-2430	Shot Peen
		BP-105	Shot Peen
		CPC-6400	Shot Peen
PS-1202		Shot Peen	
Gulfstream Aerospace	Cadmium Plating	AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)

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PRIME	PROCESS	SPECIFICATION	TITLE
	Chem Film	MIL-DTL-5541 CL 1 & 3	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
	Chromic Anodize	GAMPS6201	Anodic Coatings (Type I - Chromic Acid) for Aluminum and Aluminum
		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
	Passivation	GAMPS4103	Acid Cleaning of Ferrous Alloys
		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
	Titanium Cleaning	GAMPS4107	Cleaning and Descaling of Titanium and Titanium 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

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		AMS 2700	Passivation of Corrosion Resistant Steels
		MIL-S-5002	Surface Treatments and Inorganic Coatings for Metal Surfaces of Weapon Systems
		AMS-QQ-P-35	Passivation Treatments for Corrosion Resistant Steel
		ASTM A380	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steels Parts, Equipment, and Systems
		CP-14.10, CP14.10-01,-01-01,-01-02,-01-03,-02,-02-01,-03,-06,-07,-10,-12,-13,-14,-15,-17,-18	Passivation of Corrosion Resistant Steels
		PN14.10	Passivation of Corrosion Resistant Steels
	Etch	CP15.43, -01	Pickling of Soft Metals Before Penetrant Inspection, Aluminum only
		PN15.67	Etching of Soft Metals Before Penetrant Inspection
	Chem Film	MIL-DTL-5541, MIL-C-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
	Anodizing	CPS1000-01 Ty II CI 1B, & 1D	Anodizing, Aluminum Alloys
		CPS1000-01 Ty I/IB Class 1B and 1D	Anodizing, Aluminum Alloys
		CPS1000 Ty II CI 1B and 1D	Anodizing, Aluminum Alloys
		CPS1000 Ty I/IB Class 1B and 1D	Anodizing, Aluminum Alloys
		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
	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)	

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PRIME	PROCESS	SPECIFICATION	TITLE
Heroux-Devtek (ns)	Temper (Nital) Etch	AMS2649	Etch Inspection of High Strength Steel Parts
		MIL-STD-867	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 / MIL-C-83286	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-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

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
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	Brush Plating	MIL-STD-865	Selective (Brush Plating), Electrodeposition
	Passivate	AMS2700	Passivation of Corrosion Resistant Steels
		QQ-P-35	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 Parts
		ASTM-A380	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
	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-46167 / 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	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
	Chromic Anodize	HJPS-6012	Chromic Acid Anodizing of Aluminum and Aluminum Alloys
	Epoxy Primer	HJPS-6007	Epoxy Primer Application

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
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	Magnetic Particle Inspect	HJPS-T005	Magnetic Particle Inspection
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 Painting 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	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
		GSS9030	Anodic Coatings for Aluminum and Aluminum Alloys
	Sulfuric Anodize (001-2, -	MIL-A-8625(Ty II)	Anodic Coatings for Aluminum and Aluminum Alloys
	Chem Film (003)	MIL-DTL-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
	Prime & Paint (061-1, -2, -4, -5, -6, -7, -8)	MIL-PRF-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	

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		MIL-R-3043/5056	Resin Coating, Permanent, For Engine Components and Metal Parts
		MIL-PRF-85285 / MIL-C-83286	Coating: Polyurethane, High Solids
		MIL-PRF-23377 / MIL-P-23377	Primer Coatings: Epoxy, High Solids
		G102	Finish Specification, H-2 Helicopter
	Nital Etch Inspection (141)	MIL-STD-867	Temper Etch Inspection
		GSS19200/KPS500	Nital Etching of Low Alloy Steel
	Cadmium Plating (301-1, -2, -3)	QQ-P-416 Ty 1 and 2	Plating, Cadmium (Electrodeposition)
		GSS8050	Cadmium Plating for Ferrous Parts Heat Treated up to RC46
	Stress Relief (481-3)	KPS219 / GSS5105	Heat Treatment of Carbon and Low Alloy Steels
		MIL-H-6875	Heat Treatment of Steel, Process for
	Solid Film Lube (071, 072)	MIL-L-23398	Lubricant, Solid Film, Air Cured, Corrosion Inhibiting
		GSS10300	Solid Dry Film Lubricant Application of
		MIL-L-46010	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting
	Titanium Cleaning (293)	KPS229	Cleaning of Titanium and Titanium Alloys
	Penetrant Insp	ASTM E1417 / KPS212	Penetrant Insp
Magnetic Particle Insp	ASTM E1444 / KPS208	Magnetic Particle Insp	
Radiographic Testing	MIL-STD-453 / KPS217	Radiographic Testing	
Ultrasonic Insp	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
		ASTM A967	Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts
	Grit Blasting	MIL-STD-1504	Abrasive Blasting
Prime / Paint	EGR-682-91 / EPS-103	Surface Finishes	

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		MIL-PRF-2337 Ty II	Primer Coatings: Epoxy, High Solids
Lockheed Martin	Chromic Acid Anodize	MIL-A-8625 Ty I/IB	Anodic Coatings, for Aluminum and Aluminum Alloys
		2ZZP00001	Finish Specification for JSF Weapon System
	Sulfuric Acid Anodize	MIL-A-8625 Ty II	Anodic Coatings, for Aluminum and Aluminum Alloys
	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
		STP58-405	Chemical Protective Film for Aluminum and Aluminum Alloys
	Fuel Tank Coating	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
		5PTPTL19	Conductivity and Hardness Testing of Aluminum Alloys
		LMA-PC009	Hardness and Conductivity Testing, Nondestructive Methods
	Stress Relieving	STP54-008	Thermal Stress Relief and Baking of Steel Parts
	Prime & Paint	MIL-F-18264	Finishes: Organic, Weapons System, Application and Control of
		LMA-PJ264	Application and Control of Organic Finishes
	Cadmium Plating	AMS-QQ-P-416 Ty I/II	Plating, Cadmium (Electrodeposited)
C-0491 (P3 only)		Cadmium Plating	
0491 (C-130 only)		Cadmium Plating (Electrodeposited)	

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018	
PRIME	PROCESS	SPECIFICATION	TITLE	
	Pre-Penetrant Etch	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	
		LMA-PG001 (Aluminum and Titanium)	Requirements for Etch/Cleaning Prior to Penetrant Inspection	
		C-0170	Cleaning of Parts and Material	
		PS 0170	Cleaning of Parts and Material	
	Shot Peening	MIL-S-13165/AMS-S-13165	Shot Peening of Metal Parts	
		FPS-1032	Shot Peening of Metal Parts	
		STP51-501	Shot Peening of Metal Parts	
	Solid Film Lubricant	MIL-L-46010/MIL-PRF-46010	Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting	
		5PTPMT02	Lubricant, Solid Film, Air Drying and Heat Cured, Application of	
	Magnetic Particle Inspection	MIL-STD-1949/ASTM-E-1444	Inspection, Magnetic Particle	
		STP53-001	Magnetic Particle Inspection, Requirements for	
		LMA-PC007	Requirements for Magnetic Particle Inspection Procedures	
	Penetrant Inspection	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	
	Eddy Current	5PTPCT02	Inspection, Eddy Current	
	Messier-Dowty	Cadmium Plating	QQ-P-416	Plating, Cadmium (Electrodeposited)
			PCS2100	Cadmium Plating of Ultra High Strength Steel
			PCS2101	Cadmium Plating of Steels UTS <1450MPa (210 ksi), Copper Alloys and Aluminum Alloys

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
	Alkaline Degreasing	PCS2621	Alkaline Degreasing of Parts
	Abrasive Blast	PCS2610	Dry Grit Blasting with Aluminum Oxide
	Nital Etch Inspection	AMS2649	Etch Inspection of High Strength Steel Parts
		MIL-STD-867	Temper Etch Inspection
		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
		AMS2759	Heat Treatment of Steel Parts - General Requirements
	Shot Peening	PCS2300	Steel Shot Peening
		PS123	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
	Middle River (GE)	Passivate	AMS 2700 TY II, VI, VII, VIII
Chromic Anodize		AMS 2470	Anodic Treatment of Aluminum Alloys, Chrome Acid Process
		MIL-A-8625 TY I, II	Anodic Coatings, for Aluminum and Aluminum Alloys

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
	Titanium Etch	ASTM-B-600	Standard Guide for Descaling and Cleaning Titanium and Titanium Alloy Surfaces
		STP 50P063	Process for Cleaning and Descaling
	Vapor Degrease	STP G50046	Degreasing, Vapor
	Penetrant Inspection	ASTM-E-1417	Standard Practice for Liquid Penetrant Testing
Mitsubishi	Magnetic Particle Inspection	MP7503	Magnetic Particle Inspection
	Penetrant Inspection	MP7511	Penetrant Inspection
	Radiographic Inspection	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 Parts
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
	Cadmium-Titanium Plating	F-T402	Plating, Cadmium-Titanium, Low Hydrogen Embrittlement
	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	

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		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 Parts
	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
		MPD1074	Cleaning of Aluminum Alloy Parts
	Prime & Paint	GSS4310	Primer Coating, Epoxy Polyamide, Application of
		GSS4510	Coating, Polyurethane, Application of
		MIL-I-46058	Insulating Compound, Electrical (For Coating Printed Circuit Assemblies)
	Sealant	GSS14600	Polysulfide Rubber Coatings Application of
	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
		IT-60	Penetrant Inspection
	Magnetic Particle 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
		IT-61	Penetrant Inspection
	Shot Peening	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

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		GSS16101	Ultrasonic Inspection of Low Alloy & Stainless Steels
	Radiographic Inspection	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
		MIL-STD-750	Test Methods for Semiconductor Devices
Parker	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
	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	ASTM-E-1444	Standard Practice for Magnetic Particle Testing
Radiographic Inspection	ASTM-E-1742	Standard Practice for Radiographic Examination	
Pratt & Whitney	Boric Sulfuric Anodize	PWA 36968	Boric Acid/Sulfuric Acid Anodizing of Aluminum Alloys, Procedures & Tests
Saab	Chromic Anodize	STD1966	Chromic Acid Anodizing of Aluminum Alloys
	Cadmium Plating	STD1980	Standard, Mat Cadmium Plating
	Aluminum Etching	STD2012	Cleaning Aluminum Alloys
Schweizer Aircraft	Chem Film	SHP4-57	Chemical Films for Aluminum and Aluminum Alloys
	Penetrant Inspection	SHP6-13	Liquid Penetrant Inspection
	Appl. Of Paint System	SHP4-107	Application of Paint System to Model 269, SHU-40A/B & Fixed-Wing
		MIL-PRF-23377	Primer Coatings: Epoxy, High Solids
Sikorsky	Anodize	MIL-A-8625 TY IC, II	Anodic Coatings, for Aluminum and Aluminum Alloys

Prime Contractor Approval Listing		LR-03-RC-003 Rev BG	3/16/2018
PRIME	PROCESS	SPECIFICATION	TITLE
		SS8483 TY IC, II	Anodic Coatings for Aluminum and Aluminum Alloys
	Cadmium Plating	AMS-QQ-P-416	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	Shot Peening, Automatic
		SS8767	Shot Peening of Aluminum Alloys
		SS8769	Shot Peened Metal Parts, Local Rework of
		SS8768	Shot Peening of Steel Alloys
		SS8766	Shot Peening Titanium
	Magnetic Particle Inspection	SS8805	Inspection Process, Magnetic Particle
		SS8813	Nondestructive Inspection Plan
		ASTM-E-1444	Standard Practice for Magnetic Particle Testing
		AIA/NAS410	NAS Certification & Qualification of Nondestructive Test Personnel
	Penetrant Inspection	SS8806	Inspection Liquid Penetrant
		ASTM-E-1417	Standard Practice for Liquid Penetrant Testing
	Radiographic Inspection	SS8802	Castings, Classification & X-ray Inspection of
		ASTM-E-1742	Standard Practice for Radiographic Examination