

LIST OF SPECIFICATIONS AND PRIMES APPROVALS

Rev: 2015/03/25	Nadcap	Bell Helicopter	Boeing	Bombardier	Goodrich	Gulfstream	Hawker Beechcraft	Heroux-Devtek	Honeywell	L3 Communications	Messier-Dowty	Rolls-Royce
Anodize-Chromic	AMS 2470 Anodic treatment of aluminum alloys, chromic acid process MIL-A-8625 Anodic coating for aluminum and aluminum alloys	BPS 4001 Anodize chromic acid	MIL-A-8625 Chromic acid anodizing of alum. Type 1 BAC 5019 Chromic acid anodizing - classe 1, 3 & 5 DPS 11.01 Chromic acid anodizing DPS 11.01-3 Chromic acid Anodizing - Chromate sealed BAC 5884 type I Anodizing of Aluminum Alloys PS 13201 type I Anodizing of Aluminum Alloys	BAPS 160-10 Chromic Acid Anodizing	MIL-A-8625 - Chromic acid anodizing of alum. Type 1	GAMPS 6201 Chromic Acid Anodize AMS 2470 Anodic treatment of aluminum alloys, chromic acid process MIL-A-8625 Anodic coating for aluminum and aluminum alloys	BAEP 0002 Chromic acid anodizing	AMS 2470 Anodic treatment of aluminum alloys, chromic acid process HPS 111 Chromic acid anodize MIL-A-8625 - Chromic acid anodizing of alum. Type 1	AMS 2470 Anodic treatment of aluminum alloys, chromic acid process	MPI 160-010 Chromic Acid Anodizing	MIL-A-8625 Anodic coating for aluminum and aluminum alloys PS 13201 type I Anodizing of Aluminum Alloys	RPS54: Anodizing of aluminum alloys,
Anodize-Sulfuric	AMS 2471 - Anodic treatment of aluminum alloys, sulfuric acid process undyed coating MIL-A-8625 Anodic coating for aluminum and aluminum alloys		MIL-A-8625 Sulfuric Acid Anodizing type II BAC 5022 Sulfuric Acid Anodizing DPS 11.05 Sulfuric Acid Anodizing - Controlled Thickness DPS 11.05-1 Sulfuric Acid Anodizing - Thin Film BAC 5884 type II Anodizing of Aluminum Alloys PS 13201 type II Anodizing of Aluminum Alloys	BAPS 160-32 Sulfuric Acid Anodizing		AMS 2471 - Anodic treatment of aluminum alloys, sulfuric acid process undyed coating MIL-A-8625 Anodic coating for aluminum and aluminum alloys	BAEP 0003 Sulfuric acid anodizing	AMS 2471 - Anodic treatment of aluminum alloys, sulfuric acid process undyed coating HPS 110 Sulfuric acid anodize MIL-A-8625 Anodic coating for aluminum and aluminum alloys	AMS 2471 Anodic treatment of aluminum alloys, sulfuric acid process, undyed coating	MPI 160-32 Sulphuric Acid Anodizing	MIL-A-8625 Anodic coating for aluminum and aluminum alloys PS 13201 type II Anodizing of Aluminum Alloys M-DLPS102-2 Sulfuric Acid Anodizing	RPS54: Anodizing of aluminum alloys,
Brush Cadmium	MIL-STD-865 Brush Plating	BPS 4312 Selective brush cadmium plating approved for primary parts	PS 13113 Brush plating DPS 9.89 Brush plating BAC 5604 Low Hydrogen Embrittlement Strytus Cadmium Plating			MIL-STD-865 Brush Plating		HPS 180 Brush plating Electrodeposition MIL-STD-865 Brush Plating			DCMP 131 Brush cadmium plating PCS 2141 Low Hydrogen Embrittlement Brush cadmium plating	
Chemical Conversion Coating	AMS 2473 Chemical film for aluminum alloys MIL-DTL-5541 Chemical Conversion Coatings on Aluminum Alloys	BPS 4182 Chemical film treatment, CLASS 1A	MIL-DTL-5541 Chemical Conversion Coating on aluminum (immersion only) BAC 5719 Chemical conversion coating for aluminum (immersion only) DPS 9.45 Coating-Multicolored chemical surface treatment of aluminum alloys (immersion application only)	BAPS 160-20 Chemical conversion treatment for aluminum alloys BAPS 160-40 Chemical conductive conversion treatment for aluminum alloys		AMS 2473 Chemical film for aluminum alloys MIL-DTL-5541 Chemical Conversion Coatings on Aluminum Alloys		AMS 2473 Chemical film for aluminum alloys (Type I class 1A only, by immersion only) HPS 113 Chemical film treatment MIL-DTL-5541 Chemical Conversion Coatings on Aluminum Alloys		MPI 160-020 Chemical conversion treatment for aluminum alloys MPI 160-040 Conductive Chemical Conversion Treatment for Aluminum alloys	PCS 2320 Protective chemical treatment of aluminum alloys	RPS436: Chemical conversion treatment for aluminum,
Cleaning		BPS 4138 Chemical cleaning of aircraft materials		BAPS 180-30 Alkaline Etching of aluminum alloys MPS 180-01 Alkaline cleaning MPS 180-32 Acid cleaning & desoxidizing aluminum alloys				HPS 187 Acid cleaning of Aluminum		MPI 180-001 Alkaline cleaning		
Blast										MPI 180-008 Dry Abrasive Blasting	PCS 2610 Dry grit blasting with aluminum oxide	
Embrittlement relief			PS 15063 HT Steel - Stress - Embrittlement relief	BAPS 168-06 Baking of steel for relief of hydrogen embrittlement				HPS 129 Stress relief and Hydrogen embrittlement relief		MPI 168-006 Baking of steel for relief of hydrogen embrittlement		
Laboratory	B2 Hydrogen Embrittlement B5 Corrosion/Salt Spray B6 Water Immersion B10 Tape Adhesion B11 Scratch and Chisel Adhesion B12 Bend Adhesion B13 Coating Weight B16 Thickness Measurement B20 Porosity		Mechanical testing Metalurgical testing Process Solution Control ASTM-B-117 Salt Spray Testing	BAERO-GEN-018-2A Metals: Static testing BAERO-GEN-018-3D Hardness characterization BAERO-GEN-018-5A Corrosion testing BAERO-GEN-018-5E Evaluation of paints CTS 0002-1A Chemical testing: Metals, alloys, metallic coatings CTS 0002-1B Chemical testing: Treatment solutions & Waters		B2 Hydrogen Embrittlement B4 MicroHardness B5 Corrosion/Salt Spray B6 Water Immersion B10 Tape Adhesion B11 Scratch and Chisel Adhesion B12 Bend Adhesion B13 Coating Weight B16 Thickness Measurement B20 Porosity				ASTM B117 Standard Practice for Operating Salt Spray (Fog) Apparatus ASTM D3359 Tape test adhesion		
Nital Etch	AMS 2649 Etch Inspection of High Strength Steels MIL-STD-867 Temper Etch Inspection			PPS 20.05 Macro-Etch Examination of Machined or Ground, High Strength Low Alloy Steels	LOPS 3000 Temper Etch Inspection AMS 2649 Etch Inspection of High Strength Steels MIL-STD-867 Temper Etch Inspection			HPS 118 Temper Etch Inspection AMS 2649 Etch Inspection of High Strength Steels MIL-STD-867 Temper Etch Inspection			PCS 3600 Etch Inspection of High Strength Steel Parts	
Painting (Primer and Topcoat)	MIL-PRF-23377 Primer coatings: Epoxy, high solids MIL-PRF-85285 Coating: Polyurethane, Aircraft and support equipment MIL-PRF-85582 Primer coatings: Epoxy waterborne		DPS 4.50-127 Fuel Tank Coating (manual touch-up excluded for requiring approval)	BAPS 138-43 Application of Fluid resistant primer BAPS 138-43 Application of fluid resistant polyurethane coating	MIL-PRF-85285 Coating: Polyurethane, Aircraft and support equipment MIL-F-16284 Paint application	GAMPS 3103 Primer coatings: Epoxy waterborne MIL-PRF-23377 Primer coatings: Epoxy, high solids MIL-PRF-85285 Coating: Polyurethane, Aircraft and support equipment MIL-PRF-85582 Primer coatings: Epoxy waterborne	BAEP 4531 Dry Film Lube	HPS 170 General painting requirements HPS 211 Application of wet wipe primer HPS 171 Stripping of inorganic finishes MIL-PRF-85285 Coating: Epoxy, high solids MIL-PRF-85582 Coating: Polyurethane, Aircraft and support equipment MIL-PRF-85582 Primer coatings: Epoxy waterborne			DCMP 152 Paint instructions DCMP 214 Paint instructions Hawker 4000 program PCS 2500 Polyurethane paint - Two coat process PCS 2501 Polyurethane paint - Three coat process PCS 2530 Low VOC polyurethane paint	
Passivate	AMS-2700 Passivation of corrosion resistant steels ASTM A 967 Chemical passivation treatments for stainless steel parts ASTM A 380 Cleaning, Descaling and Passivation of stainless steel parts	BPS 4007 Passivation, Procedure I and Procedure II BPS 4583 Passivation, Citric Acid Method (restricted to touch-up)		BAPS 180-15 Passivation of corrosion resistant steel PPS 31.05 Passivation of corrosion resistant steel	AMS-2700 Passivation of corrosion resistant steels ASTM A 967 Chemical passivation treatments for stainless steel parts	GAMPS 4103 Passivation of corrosion resistant steels AMS-2700 Passivation of corrosion resistant steels ASTM A 967 Chemical passivation treatments for stainless steel parts ASTM A 380 Cleaning, Descaling and Passivation of stainless steel parts		ASTM A 967 Chemical passivation treatments for stainless steel parts ASTM A 380 Cleaning, Descaling and Passivation of stainless steel parts HPS 190 Chemical passivation	AMS 2700 Passivation treatments for corrosion-resistant steel Type II, VI, VII, VIII	MPI 180-015 Passivation of corrosion resistant steel	AMS-2700 Passivation of corrosion resistant steels DCMP 141 Passivation of corrosion resistant steel	
Phosphate Coating	AMS 2481 Phosphate treatment, antichalking MIL-DTL-16232 Phosphate coating, heavy, manganese base			BAPS 168-06 Phosphate treatment		GAMPS 6109 Phosphate coating, manganese base AMS 2481 Phosphate treatment, antichalking MIL-DTL-16232 Phosphate coating, heavy, manganese base	BAEP 0006 Phosphating treatments for steel	HPS 112 Manganese Phosphate MIL-DTL-16232 Phosphate coating, heavy, manganese base			PS 13205 Manganese Phosphate	
Cadmium plating	AMS-QQ-P-416 Cadmium Plating (electrodeposited) MIL-STD-870 Cadmium Plating, low embrittlement AMS 2400 Cadmium Plating AMS 2401 Cadmium Plating, low hydrogen content deposit	BPS 4006 Cadmium Plate	BAC 5701 Cadmium plating types I & II DPS 9.28 Cadmium plating - High strength steel DPS 8.28-1 Cadmium plating - High Strength steel - Post chromate treatment PS 13101 Cadmium plating, low embrittlement	NPS 160-08 Cadmium plating of steels heat treated below 220 KSI and copper alloys NPS 160-27 Cadmium plating of carbon and low alloy steels heat treated to 220-240 KSI and above MPS 250-028 Cadmium plating Aerospace A330/A340 PPS 33.01 Cadmium plating	AMS-QQ-P-416 Cadmium Plating (electrodeposited) LOPS-1100 Cadmium plating, low embrittlement MIL-STD-870 Cadmium Plating, low embrittlement AMS 2400 Cadmium Plating, low embrittlement AMS 2401 Cadmium Plating, low hydrogen content deposit	GAMPS 6102 Cadmium Plating (electrodeposited) MIL-STD-870 Cadmium Plating, low embrittlement AMS 2400 Cadmium Plating, low embrittlement AMS 2401 Cadmium Plating, low hydrogen content deposit	AMS-QQ-P-416 Cadmium Plating (electrodeposited)	AMS 2400 Cadmium Plating, low hydrogen content deposit AMS-QQ-P-416 Cadmium Plating (electrodeposited) HPS 135 Cadmium plating, low embrittlement MIL-STD-870 Cadmium Plating, low embrittlement electrodeposition	AMS 2400 Cadmium plating electrodeposited		BAC 5701 Cadmium plating (electrodeposited) DCMP 171 Low embrittlement cadmium plating DCMP 172 Cadmium plating, low embrittlement MIL-STD-870 Cadmium Plating, low embrittlement PCS 2100 Cadmium plating of ultra high strength steel PCS 2101 Cadmium plating of steels < 1450 MPA and copper alloys PS 13101 Cadmium electroplating PS 13144 Low embrittlement cadmium plating	
Copper plating	AMS 2418 Copper Plating	BPS 4110 Copper plate (for heat treating stop-off only)	BAC 5722 Copper plating DPS 8.40 Copper Plating PS 13104 Copper plating		AMS-2418 Copper plating	AMS 2418 Copper Plating	BAEP 1520 Bronze / copper plating of steel components				AMS 2418 Copper plating M-DLPS106 Copper plating PS 13104 Copper plating	RPS 297 Copper plating
Chromium plating	AMS 2406 Chromium Plating, hard deposit AMS 2438 Chromium Plating, thin, hard, dense deposit AMS 2460 Chromium Plating, low embrittlement MIL-STD-1501 Chromium Plating, low embrittlement electrodeposition	BPS 4022 Chromium Plating	BAC 5709 Hard Chromium plating - Class 1, 2 & 3 DPS 8.71 Chromium plating DPS 8.84 Chromium plating (thin dense) PS 13102 Chromium Plating	BAPS 160-09 Chromium plating of steels heat treated below 220 KSI and copper alloys BAPS 160-28 Chromium plating of carbon and low alloy steels heat treated to 220-240 KSI and above PPS 33.04 Hard chromium plate MPS 250-021 Hard chromium plating by electrolytic deposit on steel and nickel alloy parts - Aerospace A330/A340	AMS-2438 Chromium Plating, thin, hard, dense deposit AMS 2460 Chromium plating LOPS-1101 Chromium plating MIL-STD-1501 Chromium Plating, low embrittlement electrodeposition	AMS 2406 Chromium Plating, hard deposit AMS 2438 Chromium Plating, thin, hard, dense deposit AMS 2460 Chromium Plating, low embrittlement MIL-STD-1501 Chromium Plating, low embrittlement electrodeposition		AMS 2406 Chromium Plating, hard deposit AMS 2438 Chromium Plating, thin, hard, dense deposit AMS 2460 Chromium Plating, low embrittlement MIL-STD-1501 Chromium Plating, low embrittlement electrodeposition	AMS 2406 Plating chromium hard deposited	MPI 160-009 Chromium plating of ferrous alloys heat treated to less than 220 KSI and copper alloys MPI 160-028 Chromium plating of steels heat treated to above 220 KSI	AMS 2406 Chromium Plating, hard deposit DCMP 138 Thin dense chromium plating DCMP 170 Chromium plating MIL-STD-1501 Low embrittlement chrome plating PCS 2110 Electrolytic hard chromium of steels PCS 2111 Electrolytic chromium plating of copper base alloys PPS 33.04 Hard chrome plating PS 13102 Chromium plating	
Chromium plating (Hard Deposit)	AMS 2406 (hard deposit)					AMS 2406 (hard deposit)						
Stress Relief			PS 15063 HT Steel - Stress - Embrittlement relief				BAEP 9008 Heat treatment of steels BAEP 9009 Stress relieving of steels and nickel alloys	HPS 129 Stress relief and Hydrogen embrittlement relief		MPI 168-015 Stress relief of metals		
Stripping	MIL-STD-871 Electrochemical stripping of inorganic finishes					MIL-STD-871 Electrochemical stripping of inorganic finishes		MIL-STD-871 Electrochemical stripping of inorganic finishes				