



Customer	Approved Process	Process Description
Alliant Tech Systems (Northrop Grumman)	MIL-C-5541 MIL-DTL-5541 MIL-STD-171 TT-C-490	Chromate Conversion / Chem Film Chromate Conversion / Chem Film Various processes Lt Coat Zinc Phosphate
Aircraft Braking Systems	AMS2471 DOD-P-16232 MIL-DTL-16232 MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-5541 MIL-L-23398 MIL-L-46010 MIL-PRF-46010	Anodize Phosphate (except Class 4) Phosphate (except Class 4) Anodize Type II Anodize Type II Chromate Conversion / Chem Film Chromate Conversion / Chem Film Solid Film Lube Solid Film Lube Solid Film Lube
BAE Land Systems	5CV0210357 7250620 AMS2700 ASTM A967 BFD319018 BFD319019 BFD319020 MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-5541 MIL-DTL-16232 MIL-DTL-53072 MIL-PRF-46010 QQ-P-35 AMS-QQ-P-35 TT-C-490 WS19201	Paladin Paint System Ancillary Paint System Passivation Passivation Surface Preparation Painting Pretreatment Paint Anodize, Type IC & II Anodize, Type IC & II Chromate Conversion / Chem Film Chromate Conversion / Chem Film Phosphate, Manganese CARC Application Solid Film Lubricants Passivation Passivation Lt Coat Zinc Phosphate Weapon Spec Paint

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Bell Helicopter (Textron)	BPS 4089 BPS 4138 BPS 4182 BPS 4389	Penetrant inspection Chemical cleaning of aircraft materials Chemical film treatment Class 1A Etch before Penetrant inspection
Boeing	ASTM B117 BAC5423 BAC5625 BAC5632 BAC5651 BAC5719 BAC5749 BAC5765 BAC5786 BSS57039 MIL-C-5541 MIL-DTL-5541 PS13209 PS21202	Salt Spray Testing Penetrant Inspection Level 2 & 3 Passivation Boric Acid Sulfuric Acid Anodize Class 1 & 5 Eddy Current Electrical Inspection Chromate Conversion / Chem Film Alkaline Cleaning Cleaning & Deoxidizing of Aluminum Alloys Etch before Penetrant Liquid Penetrant Inspection Chromate Conversion / Chem Film Chromate Conversion / Chem Film Chromate Conversion / Chem Film Penetrant Inspection Aluminum
Eaton (Argo-Tech)	MIL-C-5541 MIL-DTL-5541	Chromate Conversion / Chem Film Chromate Conversion / Chem Film
Ensign-Bickford	AMS2471 ASTM E1417 MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-5541	Anodize Penetrant Inspection Anodize Types IC & II Anodize Types IC & II Chromate Conversion / Chem Film Chromate Conversion / Chem Film
Goodrich Aerospace (Jamestown)	AMS2471 ASTM E1417 BAC5423 BAC5625 BAC5632 BAC5651 BAC5719 BAC5749 BAC5765 BAC5786 BSS57039 MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-5541 PS13209 PS21202	Anodize Sulfuric Acid Penetrant Inspection Penetrant Inspection Level 2 & 3 Passivation Anodize Class 1 & 5 Eddy Current Electrical Inspection Chromate Conversion Alkaline Cleaning Cleaning & Deoxidizing of Aluminum Alloys Etch Before Penetrant Liquid Penetrant Inspection Anodize Types IC & II Anodize Types IC & II Chromate Conversion / Chem Film Chromate Conversion / Chem Film Chromate Conversion / Chem Film Penetrant Inspection Aluminum

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Gulfstream	ASTM E1417 GAMPS 3116 MIL-C-5541 MIL-DTL-5541	Penetrant Inspection Paint Coats & Primers Chromate Conversion / Chem Film Chromate Conversion / Chem Film
Hamilton Sundstrand	CPS1000 CPS1000-01 HS 240 HS 334 HS 447 MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-5541 PN14.06-02 PN14.06-03 PN14.12 PN16.03	Anodize Type II, Class 1A, 1B, & 1C Anodize Type II, Class 1A, 1B, & 1C Chromate Conversion / Chem Film Class 3 Anodic Coating Penetrant Inspection Anodize Type II, Class 1; Type IIB, Class 1 Anodize Type II, Class 1; Type IIB, Class 1 Chromate Conversion / Chem Film Type 1 Chromate Conversion / Chem Film Type 1 Anodize, Boric Acid Sulfuric Acid Anodize, TFSA, All Classes Chromate Conversion / Chem Film Class 1, 2, 3, 4 Penetrant Inspection
Honeywell	MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-5541	Anodize Type II Class 1; Type IIB Class 1 Anodize Type II Class 1; Type IIB Class 1 Chromate Conversion / Chem Film Chromate Conversion / Chem Film
Lockheed Martin - Aeronautics	5PTPHL23, 5PTPHB20 MIL-C-5541 MIL-DTL-5541 MIL-F-18264	Boric Sulfuric Anodize Chromate Conversion / Chem Film Type I Chromate Conversion / Chem Film Type I Prime and Paint
Lockheed Martin - Ground Systems	AMS-C-5541 ASTM A967 ASTM B117 ASTM E1417 DOD-P-16232 DOD-DTL-16232 MIL-A-8625 MIL-PRF-8625 MIL-C-5541 / AMS-C-5541 MIL-DTL-5541 MIL-DTL-53072 MIL-F-14072 / MIL-DTL-14072 WS10344	Chromate Conversion / Chem Film Passivation, Nitric Treatment 1 - 4 Salt Fog Testing Penetrant Inspection Phosphate, Manganese Phosphate, Manganese Anodize, Type II & IIB Anodize, Type II & IIB Chromate Conversion / Chem Film Chromate Conversion / Chem Film CARC Application Paint WS10344 (1-11) Paint

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Lockheed Martin Moorestown NJ & Syracuse NY	AMS/MIL-C-5541 ASTM A967 ASTM A380 ASTM E1417 MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-16232 MIL-DTL-53072 MIL-DTL-5541 MIL-F-14072 MIL-F-18264 WS10344-1	Chromate Conversion / Chem Film Passivation Cleaning & Passivation Penetrant Inspection Anodize Type IC, Class 1; Type II, Class 1; Type IIB, Class 1 Anodize Type IC, Class 1; Type II, Class 1; Type IIB, Class 1 Chromate Conversion / Chem Film Phosphate Type Z or M, Classes 1,2,3 CARC Application Chromate Conversion / Chem Film Painting Electronic Equipment Organic Finishes Paint
Lycoming Engines	ASTM E1417 MIL-A-8625 MIL-PRF-8625	Penetrant Inspection Anodize Type IC, Type II, & Type IIB Anodize Type IC, Type II, & Type IIB
Northrop Grumman Integrated Systems	ASTM B117 ASTM E1417 GP17G GSS4310 GT23A MIL-DTL-5541	Salt Fog Testing Penetrant Inspection Pre-Penetrant Etch Application of Primer Coating Penetrant Inspection Chromate Conversion / Chem Film Type I
Parker Hannifin	AMS2481 ASTM B117 ASTM E1417 ES2-182 ESI1-4 MIL-A-8625 MIL-PRF-8625 MIL-DTL-5541 MIL-F-18264	Phosphate Treatment Anti chafing Salt Fog testing Penetrant Inspection Pre-Penetrant Etch Pre-Penetrant Etch Anodize Type IC, Type II, Type IIB Anodize Type IC, Type II, Type IIB Chromate Conversion / Chem Film Paint
RTX (Raytheon)	ASTM A967 MIL-DTL-22750 MIL-DTL-24635 MIL-DTL-53039 MIL-DTL-64159	Passivation Paint Grades 1 - 5 Paint Grade 1 Paint Grades 1 - 5 Paint Grades 1 - 5

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Rolls Royce	EDI 462 EPS 11430 EPS 15808 RRES 90000 RRES 90002 RRP 58003	Surface Treatment Coating Permanent Resin Etch Before Penetrant Engineering Control of Production Source and Method Critical Part Classification Fluorescent Penetrant Inspection
Sikorsky	MIL-A-8625 MIL-PRF-8625 MIL-C-5541 MIL-DTL-5541 SS8483 SS8806	Anodize Type II & IIB, Class 1 & Boric Sulfuric (BSAA) Type IC, Class 1 Anodize Type II & IIB, Class 1 & Boric Sulfuric (BSAA) Type IC, Class 1 Chromate Conversion / Chem Film Chromate Conversion / Chem Film Anodize Penetrant Inspection
United Launch Alliance (ULA)	AC 7004 / AS 9003 MIL-C-5541 MIL-DTL-5541	Inspection and Test Quality Systems Chromate Conversion / Chem Film Chromate Conversion / Chem Film

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