



# Wolkerstorfer Co., Inc.

## METAL FINISHERS

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Customer	Approved Process	Process Description
Alliant Tech Systems	MIL-C-5541 MIL-STD-171 MIL-STD-865 TT-C-490	Chromate Conversion Various processes Brush Plating Lt Coat Zinc Phosphate
Aircraft Braking Systems	AMS 2470 AMS 2471 DOD-P-16232 MIL-A-8625, Type I & II MIL-C-5541 MIL-L-23398 MIL-L-46010	Anodize Type I Anodize Phosphate (except Class 4) Anodize Type I & II Chromate Conversion Solid Film Lube Solid Film Lube
Argo-Tech (Eaton)	MIL-A-8625, Type I MIL-C-5541	Anodize Chromate Conversion
BAE Land Systems	5CV0210357 7250620 AGMA 2007 AMS 2700 ASTM A967 BFD319018 BFD319019 BFD319020 MIL-A-8625, Type I, IC, IB, II MIL-C-5541 MIL-DTL-16232 MIL-DTL-53072 MIL-DTL-5541, Type I & II MIL-PRF-46010 QQ-P-35 TT-C-490 WS 19168 WS19201	Paladin Paint System Ancillary Paint System Nital Etch Passivation Passivation Surface Preparation Painting Pretreatment Paint Anodize, all Types Except Type III Chemical Film Phosphates CARC Application Chromate Conversion Solid Film Lubricants Passivation Lt Coat Zinc Phosphate Mechanical Passivation Weapon Spec Paint

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Bell Helicopter (Textron)	BPS 4001 BPS 4089 BPS 4138 BPS 4182 BPS 4389	Anodize, Chromic Acid Penetrant inspection Chemical cleaning of aircraft materials Chemical film treatment Class 1A Etch before Penetrant inspection
Boeing	ASTM-B-117 BAC5423 BAC5625 BAC5632 BAC5650 BAC5651 BAC5719 BAC5749 BAC5765 BAC5786 BSS57039 MIL-A-8625 MIL-C-5541 MIL-DTL-5541 PS13209 PS21202	Salt Spray Testing Penetrant Inspection Level 2 & 3 Passivation Anodize Class 1 & 5 Hardness Testing (Alum) Eddy Current Electrical Inspection Chromate Conversion Alkaline Cleaning Cleaning & Deoxidizing of Aluminum Alloys Etch before Penetrant Liquid Penetrant Inspection Anodize Type I Chromate Conversion Chromate Conversion (Type I only) Chromate Conversion Penetrant Inspection Aluminum
Eaton (Argo-Tech)	MIL-A-8625, Type I MIL-C-5541	Anodize Chromate Conversion
Ensign- Bickford	AMS2470 AMS2471 ASTM-E-1417 MIL-A-8625 MIL-C-5541 MIL-DTL-5541	Anodize Type I Anodize Type I Penetrant Inspection Anodize Types I, IC, IB & II Chromate Conversion Chromate Conversion
Goodrich Aerospace (Jamestown)	AMS 2470 AMS 2471 ASTM-E-1417 BAC5423 BAC5625 BAC5632 BAC5650 BAC5651 BAC5719 BAC5749 BAC5765 BAC5786 BSS57039 MIL-A-8625 MIL-C-5541	Anodize Type I Anodize Type I Penetrant Inspection Penetrant Inspection Level 2 & 3 Passivation Anodize Class 1 & 5 Hardness Testing (Alum) Eddy Current Electrical Inspection Chromate Conversion Alkaline Cleaning Cleaning & Deoxidizing of Aluminum Alloys Etch before Penetrant Liquid Penetrant Inspection Anodize Types I, IC, IB & II Chromate Conversion

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Goodrich Aerospace Jamestown (Cont'd)	MIL-DTL-5541 PS13209 PS21202	Chromate Conversion Chromate Conversion Penetrant Inspection Aluminum
Gulfstream	ASTM-E-1417 GAMPS 3116 MIL-C-5541	Penetrant Paint Coats & Primers Chromate Conversion Class 1 & 3
Hamilton Sundstrand	CPS1000, Type 1/1B, Class 1A CPS1000, Type 1/1B, Class 1B CPS1000, Type 1/1B, Class 1C CPS1000, Type II, Class 1A CPS1000, Type II, Class 1B CPS1000, Type II, Class 1C CPS1000-01, Type 1/1B, Class 1A CPS1000-01, Type 1/1B, Class 1C CPS1000-01, Type II, Class 1A CPS1000-01, Type II, Class 1B CPS1000-01, Type II, Class 1C HS 240, Class 3 HS 334 HS 447 MIL-A-8625 MIL-A-8625, Type 1B, Class 1 MIL-A-8625, Type 2, Class 1 MIL-A-8625, Type 2B, Class 1 & 2 MIL-C-5541, Type 1, Class 1A & 3 MIL-DTL-5541, Type 1, Class 1A & 3 PN14.06-01 PN14.06-02 PN14.06-03 PN14.12, Class 1, 2, 3, 4 PN16.03	Anodizing Anodizing Anodizing Anodizing Anodizing Anodizing Anodizing Anodizing Anodizing Anodizing Anodizing Anodizing Chemical Film Anodic Coating Penetrant Inspection Anodize Anodic Coating Anodic Coating Anodic Coating, Aluminum Chemical Film Chemical Film Anodize Type 1, Type 2 Anodize, Boric Acid Sulfuric Acid Anodize, TFSA, All Classes Chemical Film Penetrant Inspection
Honeywell	AMS 2470 MIL-A-8625 MIL-C-5541	Anodize, Hot Water Seal Anodize Type I Class 1B, Ty 2 Class 1 & 2 Chromate Conversion
Lockheed Martin - Aeronautics	5PTPHL23, 5PTPHB20 MIL-C-5541, Type I, Class 1A & 3 MIL-DTL-5541, Type I, Class 1A & 3 MIL-F-18264	Boric Sulfuric Anodize Chromate Conversion Chromate Conversion Prime and Paint
Lockheed Martin - Ground Systems	AMS-C-5541 ASTM-A-967 ASTM-B-117 ASTM-E-1417 DOD-P-16232 MIL-A-8625, Types 1, 1B, 1C, 2, 2B, 3	Chemical Film Passivation, Nitric 1 - 4 Salt Fog Testing Penetrant Inspection Phosphate, Manganese, Zinc Anodize

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Lockheed Martin - Ground Systems (Cont'd)	MIL-C-5541 / AMS-C-5541 MIL-DTL-53072 MIL-DTL-5541, Type 1 & 2 MIL-F-14072 / MIL-DTL-14072 WS10344	Chemical Film CARC Application Chemical Film Paint WS10344-(1-11) Paint
Lockheed Martin Moorestown NJ & Syracuse NY	AMS/MIL-C-5541, Class 1A & 3 ASTM-A -967 ASTM-A-380 ASTM-E-1417 MIL-A-8625, Type 1, Class 1 & 2 MIL-A-8625, Type 1B, Class 1 & 2 MIL-A-8625, Type 1C, Class 1, Ty 2 MIL-A-8625, Type 2B, Class 1 & 2 MIL-C-5541, Class 1A & 3 MIL-DTL-16232 Type Z or M, Classes 1,2,3 MIL-DTL-53072 MIL-DTL-5541, Type 1, Class 1A & 3 MIL-DTL-5541, Type 2, Class 1A & 3 MIL-F-14072 MIL-F-18264 WS10344-1	Chromate Conversion Passivation Cleaning & Passivation Penetrant Anodize Anodize Anodize Anodize Chromate Conversion Phosphate CARC Application Chromate Conversion Chromate Conversion Painting Electronic Equipment Organic Finishes Paint
Lycoming Engines	AMS 2470 ASTM-E-1417 MIL-A-8625	Anodize Penetrant Inspection Anodize
Northrop Grumman Intergraded Systems	ASTM-B-117 ASTM-E-1417 GP 17 G GSS 4310 GT 23 A MIL-DTL-5541, Type I	Salt Fog Testing Penetrant Inspection Pre-Penetrant Etch Application of Primer Coating Penetrant Inspection Chromate Conversion
Parker Hannifin	AMS 2481 ASTM-B-117 ASTM-E-1417 ES2-182 ESI1-4 MIL-A-8625, Type I MIL-A-8625, Type IB MIL-A-8625, Type IC MIL-A-8625, Type II, IIB MIL-DTL-5541, Type 1 & 2 MIL-F-18264	Phosphate Treatment Ant chafing Salt Fog testing Penetrant Inspection Pre-Penetrant Etch Pre-Penetrant Etch Anodize Type I Anodize Type IB Anodize Type IC Anodize Type II, IIB Chromate Conversion Paint
Raytheon	ASTM A967 MIL-DTL-22750, Grades 1 - 5 MIL-DTL-24635, Grade 1	Passivation Paint Paint

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Raytheon (Cont'd)	MIL-DTL-53039, Grades 1 - 5 MIL-DTL-64159, Grades 1 - 5	Paint Paint
Rolls Royce	EDI 462 EPS-11430 EPS-15808 RRES90000 RRES90002 RRP58003	Surface Treatment Coating Permanent Resin Etch before Penetrant Engineering Control of Mfg Source and Method Critical Part Classification Fluorescent Penetrant Inspection
Sikorsky	MIL-A-8625, Type II & IIB, Class 1 MIL-A-8625, Type I & 1C, Class 1 MIL-C-5541 MIL-DTL-5541 SS8483 SS8806	Anodize Sulfuric Anodize, Boric & Type I Chromate Conversion Chromate Conversion Anodize Non Sealed requirement Penetrant
United Launch Alliance (ULA)	AC 7004 / AS 9003 MIL-C-5541	Inspection and Test Quality Systems Chromate Conversion

If you don't see the information you're looking for  
please contact our Sales department at 651-636-0720.