

Approved Processes Sorted By OEM

BELL HELICOPTER

BPS 4001	Chromic Anodize
BPS 4006	Cadmium Plate
BPS 4007	Passivation, Procedure I
BPS 4075	Magnetic Particle Inspection
BPS 4089	Penetrant Inspection (Post-Emulsified)
BPS 4182	Chem Film
BPS 4310	Dry Film Lube
BPS 4312	Cadmium Plate, Brush

BOEING COMMERCIAL

AMS-QQ-P-416	Cadmium Plate
ASTM E 1417	Penetrant Inspection
ASTM E 1444	Magnetic Particle Inspection
BAC 5019	Chromic Anodize
BAC 5022	Sulfuric Anodize
BAC 5423	Penetrant Inspection
BAC 5424	Magnetic Particle Inspection
BAC 5701	Cadmium Plate
BAC 5719	Chem Film
BAC 5793	App. CRes Finish for Integral Fuel Tanks
BSS 7039	Penetrant Inspection
BSS 7040	Magnetic Particle Inspection
DPS 11.01-3	Chromic Anodize
DPS 11.05	Sulfuric Anodize
DPS 11.05-1	Sulfuric Anodize, Controlled Thickness
DPS 11.05-2	Sulfuric Anodize, Thin Film
DPS 4.704	Magnetic Particle Inspection (Excludes Parts With Internal Surfaces Req'g Special Insp Equipment)
DPS 4.707	Penetrant Inspection (Excludes Parts With Internal Surfaces Requiring Special Insp Equipment)
DPS11.05-1	Sulfuric Anodize, Controlled Thickness
MIL-A-8625	Chromic Anodize
MIL-A-8625	Sulfuric Anodize
MIL-DTL-5541	Chem Film / Conversion Coating (On Alum)
MIL-I-6866	(S/S MIL-STD-6866)
MIL-STD-6866	(S/S ASTM E 1417)
PS 13101	Cadmium Plate
PS 13201	Chromic Anodize
PS 13201	Sulfuric Anodize
PS 13209	Coating (Multicolored Chemical Conversion of Alum Alloys)
PS 18021	Dry Film Lube
PS 21201	Magnetic Particle Inspection
PS 21202	Penetrant Inspection (Al, Be, Cu, Low Alloy Steels, SSteels)
QQ-P-416	(S/S AMS-QQ-P-416)

CESSNA

CSFS020	Chromic Anodize
CSFS020	Sulfuric Anodize
CSFS027	Chemical Film, Chromate

EATON AEROSPACE

ALL NADCAP APPROVED PROCESSES

GOODRICH AEROSTRUCTURES

AMS-QQ-P-416	Cadmium Plate
ASTM E 1444	Magnetic Particle Inspection (S/S AMS-QQ-P-416)
QQ-P-416	
RPS 15.00	Surface Preparation (Heat and CRes Alloys)
RPS 18.08	Magnetic Particle Inspection
RPS 18.10	Penetrant Inspection
RPS 4.704	Magnetic Particle Inspection
RPS 4.707	Penetrant Inspection
RPS 9.74	Cadmium Plate

GOODRICH LGD

AMS 2470	Chromic Anodize
AMS 2700	Passivation
AMS-QQ-P-35	Passivation
AMS-QQ-P-416	Cadmium Plate
ASTM A 967	Passivation
ASTM E 1417	Penetrant Inspection
ASTM E 1444	Magnetic Particle Inspection
BR-167	Organic Finish Systems
CP0330	Cadmium Plate (LHE)
CP0520	Passivation
CPC 8204	Cyanide Cadmium Plate
CPC 9108	Magnetic Particle Inspection
ES 091	Passivation
LGPS1100	Cadmium Plate
MIL-A-8625	Chromic Anodize
MIL-A-8625	Sulfuric Anodize
MIL-DTL-5541	Chem Film
MIL-F-18264	Finishes Organic, Weapons Sys, Apl & Control of Inspection Program Requirements, (Non-Destructive for Aircraft/Missile Mat'ls and Parts)
MIL-HDBK-6870	Dry Film Lube
MIL-L-46010	Primer
MIL-PRF-23377	Primer
MIL-PRF-85285	Paint
MIL-S-5002	Cleaning
MIL-S-5002	Passivation
MM 5537	Magnetic Particle Inspection (Excluding Fracture Critical)
MM 5748	Paint
PS 2026	Passivation
QQ-P-35	(S/S by AMS-QQ-P-35)
QQ-P-416	(S/S AMS-QQ-P-416)

GULFSTREAM AEROSPACE

AMS 2471	Sulfuric Anodize
AMS-QQ-P-35	Passivation
AMS-QQ-P-416	Cadmium Plate
ASTM E 1417	Penetrant Inspection
ASTM E 1444	Magnetic Particle Inspection
GAMPS 4103	Passivation
GAMPS 6102	Cadmium Plate
GAMPS 6103	Cadmium Plate, Brush
GAMPS 6113	Chem Film
GAMPS 6201	Chromic Anodize
MIL-A-8625	Chromic Anodize
MIL-A-8625	Sulfuric Anodize
MIL-DTL-5541	Chem Film
MIL-H-6875	Stress Relieving
QQ-P-35	(S/S by AMS-QQ-P-35)
QQ-P-416	(S/S AMS-QQ-P-416)
N/A	Dry Film Lube
N/A	Finish Paint, Top Coats and Primers

HEROUX-DEVTEK

HPS-106	Penetrant Inspection
HPS-110	Sulfuric Anodize
HPS-129	Hydrogen Embrittlement Relief
HPS-135	Cadmium Plate
HPS-171	Inorganic Finishing, Stripping
HPS-190	Passivation
HPS-206	Cleaning, Abrasive Blast



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HI-TECH METAL FINISHING

www.Hi-TechMetalFinishing.com

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Effective June 30, 2003
AC7004 (Rev. C), for Quality Systems,
Audit Complete, Compliant
AC7108 for Chemical Processing,
Certification No. 112740-B
AC7114 for Nondestructive Testing,
Certification No. 109492-B



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LOCKHEED MARTIN

5PTPCG06 Penetrant Inspection (Critical approved, excluding fracture critical)
 5PTPGG01 Pre-Penetrant Etch (Alum & Titanium)
 5PTPHG16 Titanium Conversion Coating (Phosphate & Chemical)
 AMS-C-27725 Application, Fuel Cell Coatings
 AMS-QQ-P-416 Cadmium Plate, Type I & II
 ASTM E 1417 Penetrant Inspection
 ASTM E 1444 Magnetic Particle Inspection
 FPS 0116 Titanium Conversion Coating
 FPS 1004 Application, Fuel Cell Coating
 FPS 3020 Descaling (Per FQPL-3020-4 test report PCIR 4677)
 MIL-A-8625 Chromic & Sulfuric Anodize
 MIL-DTL-5541 Chem Film, Type 1 & 3
 MIL-F-18264 Prime and Paint
 MIL-STD-1949 Magnetic Particle Inspection
 MIL-STD-6866 Penetrant Inspection
 NDT'S 2101 Magnetic Particle Inspection
 NDT'S-1101 Pre-Penetrant Etch, Aluminum Only (NO Zones 1A, 1B or 1C)
 NDT'S-1102 Penetrant Inspection, Aluminum Only (NO Zones 1A, 1B or 1C)
 STP 53-001 Magnetic Particle Inspection
 STP 58-405 Chem Film, Class 1, Type 1 Only

MESSIER-DOWTY

AMS 2400 Cadmium Plate (T)
 AMS 2700 Passivation (G)
 AMS 2750 Pyrometry Control (T)
 AMS 2759/3 Heat Treatment, Precipitation-Hardening CorRes and Maraging Steel Parts (T)
 AMS 2759-11 Pyrometry
 AMS-QQ-P-416 Cadmium Plate (T)
 ASTM A 967 Passivation (T)
 ASTM E 1417 Penetrant Inspection (T)
 ASTM E 1444 Magnetic Particle Inspection (T)
 DCMP-141 Passivation (T)
 DCMP-152 Prime and Paint (T)
 DCMP-155 Grit Blast (T)
 DCMP-172 Cadmium Plate (T)
 DCMP-214 Prime and Paint, Hawker 4000 Program (T)
 J2 Non Destructive Testing (T)
 MIL-A-8625 Chromic & Sulfuric Anodize, (T)
 MIL-H-6875 Stress Relieving (T)
 MIL-STD-6866 Penetrant Inspection (T)
 NDT 8 Penetrant Flaw Detection (M,G)
 PCS 2101 Cadmium Plate (G,M,T)
 PCS 2500 Paint, Polyurethane Two-Coats Process (T)
 PCS 2530 Paint, Low VOC Polyurethane (T)
 PCS 2610 Dry Grit Blasting w/Alum Oxide (T)
 PCS 2800 Temporary Corrosion/Damage Protection of Parts (M,G)
 PCS 3100 Magnetic Particle Inspection (M,G,T)
 PCS 3200 Penetrant Flaw Detection, Fluorescent (T)
 PS 100-2S (& PS931) Cadmium Plate, Bright (G)
 PS 124 (& PS931) Passivation (G)
 PS 13001 Passivation (T)
 PS 13101 Cadmium Plate (T)
 PS 13630 Painting (T)
 PS 15000.11 Hardening pH Grade Stainless Steel to "H" Condition (T)
 PS 21201 Magnetic Particle Inspection (T)
 PS 21202 Penetrant Inspection (T)
 PS 311 Pyrometric Control (G)
 PS 319.PS 931 Heat Treatment of Alloy Steels, MD-G equiv (T)
 PS 931 M-D Gloucester/USA Equivalence Spec. (G)
 QQ-P-35 Passivation (G)

NORTHROP GRUMMAN

ACS-PRS-7005 Penetrant Inspection
 AMS 2486 Conversion Coating, Titanium Alloys Fluoride-Phosphate Type
 AMS 2700 Passivation
 AMS-QQ-P-35 Passivation
 AMS-QQ-P-416 Cadmium Plate
 ASTM A 967 Passivation
 ASTM E 1417 Penetrant Inspection
 ASTM E 1444 Magnetic Particle Inspection
 C-32 Cleaning (Prior to Heat Treatm't, Corrosion & Heat Resisting Alloys)
 GSS 4310 Prime
 GSS 4407 Paint
 GSS 4510 Paint
 GSS 7021 Acid Cleaning
 MIL-A-8625 Anodize, Chromic & Sulfuric (Aluminum & Alum Alloys)
 MIL-DTL-5541 Chem Film (Aluminum & Alum Alloys, Ty 1 Only)
 MIL-F-18264 Finishes Organic, Weapon Sys, Apl & Control of

PIAGGIO AERO

ASTM E 1417 Penetrant Inspection
 MIL-C-5541 Chem Film
 MIL-PRF-23377 Paint

PARKER HANNIFIN

410549PRO Dry Film Lube & Passivation
 AS 5272 Dry Film Lube
 AS1701 Dry Film Lube
 ASTM E 1417 Penetrant Inspection
 BAC 5423 Penetrant Inspection
 BPS 4089 Penetrant Inspection
 BPS 4451 Epoxy Primer
 FLUORCONV Conversion Coat per AMS 2486
 GE A50TF9 Dry Film Lube
 MIL-A-8625 Chromic & Sulfuric Anodize
 MIL-L-46010 Dry Film Lube
 MIL-STD-6866 Penetrant Inspection
 P-103-1 Sulfuric Anodize
 P-103-12 Chem Film
 P-103-2 Sulfuric Anodize
 P-103-20 Penetrant Inspection
 P-103-22 Sulfuric Anodize
 P-103-26 Cadmium Plate
 P-103-35 Cadmium Plate
 P-103-37 Cadmium Plate
 P-103-38 Cadmium Plate
 P-103-41 Cadmium Plate
 P-103-42 Cadmium Plate
 P-103-44 Cadmium Plate
 P-103-46 Cadmium Plate
 P-103-49 Sulfuric Anodize
 P-103-5 Cadmium Plate
 P-103-6 Passivation
 P-103-6VIII Passivation
 P-103-87 Cadmium Plate
 P-103-88 Cadmium Plate
 P-103-9 Sulfuric Anodize
 P-106-33 Penetrant Inspection
 P-130-101 Dry Film Lube
 P-130-14 Cleaning
 P-130-54 Sulfuric Anodize
 PREN 2491 Dry Film Lube
 PS 21202 Penetrant Inspection
 W201014PRO Magnetic Particle Inspection & Passivation
 W201015PRO Magnetic Particle Inspection & Passivation

SIKORSKY

AMS-QQ-P-35 Passivation (IAW SS8435)
 AMS-QQ-P-416 Cadmium Plate
 MIL-A-8625 Chromic & Sulfuric Anodize
 SS8407 Stress Relief & Embrittlement of Steel
 SS8423 Degreasing of Parts
 SS8435 Passivation (Corrosion Resistant Steel)
 SS8448 Cadmium Plate
 SS8483 Anodic Coatings (Aluminum & Aluminum Alloys)
 SS8486 Chem Film
 SS8555 Paint Requirements, Aircraft Exterior
 SS8557 Water Reducible Epoxy Aircraft Coating
 SS8603 Adhesive Primer (Application of)
 SS8805 Magnetic Particle Inspection
 SS8806 Penetrant Inspection (Aluminum Parts)
 SS8813 Nondestructive Inspection Plan
 SS8866 Lubricant, Solid Film (Application of)
 SS9214 Alternate Organic Finishes
 TT-L-32 Commercial Descriptions (CIDS)
 TT-P-1757 Primer Coating, Alkyd Base, One Component

VOUGHT AIRCRAFT

208-14-11 Penetrant Inspection
 208-14-13 Penetrant Inspection (Class A, AA & B)
 208-9-64 Chem Film
 80-T-35-1101 Chem Film (PFA 173)
 80-T-35-1200 Passivation (PFA 200) Austenitic
 80-T-35-1201 Passivation (PFA 190) Martensitic
 80-T-35-3000 Cadmium Plate (PFA 203)
 AMS-QQ-P-35 Passivation
 AMS-QQ-P-416 Cadmium Plate
 ASTM A 967 Passivation
 ASTM E 1417 Penetrant Inspection
 ASTM E 1444 Magnetic Particle Inspection
 CVA 1-372 Stress Relieve Steel
 CVA 1-6 Passivation
 CVA 5-2 Cadmium Plate
 CVA 9-4 Chromic Anodize
 GAMPS 6201 Chromic Anodize
 GT 23 A Penetrant Inspection
 MIL-A-8625 Chromic Anodize (Type 1A and 1B)
 MIL-DTL-5541 Chem Film
 MIL-H-6875 Stress Relieve Steel
 MIL-STD-1949 Magnetic Particle Inspection
 QVA-Z10-49-00 Magnetic Particle Inspection
 VSS 5100 Stress Relieve Steel
 VSS 7021 Passivation

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