

Approved Processes Sorted By Process

ANODIZING

Type 1, Chromic

AMS 2470	Goodrich LGD
BAC 5019	Boeing
BPS 4001	Bell Helicopter
CSFS020	Cessna
CVA 9-4	Vought Aircraft
DPS 11.01-3	Boeing
GAMPS 6201	Gulfstream Aerospace, Vought Aircraft
MIL-A-8625	Boeing, Goodrich LGD, Gulfstream Aerospace, Lockheed Martin, Messier-Dowty (Ty I) (T), Northrop Grumman (Aluminum & Alum Alloys), Parker Hannifin, Sikorsky, Vought Aircraft (Ty 1A and 1B)
P-103-20	Parker Hannifin
PS 13201	Boeing
SS8483	Sikorsky, Aluminum & Alum Alloys

Type 2, Sulfuric

AMS 2471	Gulfstream Aerospace
BAC 5022	Boeing
CSFS020	Cessna
DPS 11.05	Boeing
DPS 11.05-1	Boeing, Controlled Thickness
DPS 11.05-2	Boeing, Thin Film
HPS-110	Heroux-Devtek
MIL-A-8625	Boeing, Goodrich LGD, Gulfstream Aerospace, Lockheed Martin, Messier-Dowty (Ty II)(T), Northrop Grumman (Alum & Alum Alloys), Parker Hannifin, Sikorsky
P-103-1	Parker Hannifin
P-103-2	Parker Hannifin
P-103-22	Parker Hannifin
P-103-49	Parker Hannifin
P-103-9	Parker Hannifin
P-130-54	Parker Hannifin
PS 13201	Boeing
SS8483	Sikorsky, Aluminum & Alum Alloys

CONVERSION COATINGS

Alodine, Chem Film* and Conversion Coatings

*Chem Film Approval Not Required in Many Cases

208-9-64	Vought Aircraft
5PTPHG16	Lockheed Martin; Titanium, Phosphate, and Chemical
80-T-35-1101	Vought Aircraft, PFA 173
AMS 2486	Northrop Grumman, Fluoride-Phosphate Type, Titanium Alloys
BAC 5719	Boeing
BPS 4182	Bell Helicopter
CSFS027	Cessna, Chromate
FLUORCONV	Parker Hannifin, Per AMS 2486
FPS 0116	Lockheed Martin, Titanium
GAMPS 6113	Gulfstream Aerospace
MIL-DTL-5541	Boeing (Immersion App Only, Aluminum), Goodrich LGD, Gulfstream Aerospace, Lockheed Martin (Type 1 & 3), Northrop Grumman (Ty 1 Only, Alum/Alloys), Piaggio Aero, Vought Aircraft
P-103-12	Parker Hannifin
PS 13209	Boeing, Chemical, Immersion Apletm Only, Alum, Multicolored
SS8486	Sikorsky
STP 58-405	Lockheed Martin, Type 1, Class 1 Only

CADMIUM PLATING

80-T-35-3000	Vought Aircraft, PFA 203
AMS 2400	Messier-Dowty, (T)
AMS-QQ-P-416	Boeing, Goodrich Aerostructures, Goodrich LGD, Gulfstream Aerospace, Lockheed Martin (Ty I & II), Messier-Dowty (T), Northrop Grumman, Sikorsky, Vought Aircraft
BAC 5701	Boeing
BPS 4006	Bell Helicopter
BPS 4312	Bell Helicopter, Brush
CP0330	Goodrich LGD, LHE
CPC 8204	Goodrich LGD, Cyanide
CVA 5-2	Vought Aircraft
DCMP-172	Messier-Dowty, (T)
GAMPS 6102	Gulfstream Aerospace
GAMPS 6103	Gulfstream Aerospace, Brush
HPS-135	Heroux-Devtek
LGPS1100	Goodrich LGD
P-103-26	Parker Hannifin
P-103-35	Parker Hannifin
P-103-37	Parker Hannifin
P-103-38	Parker Hannifin
P-103-4	Parker Hannifin
P-103-41	Parker Hannifin
P-103-42	Parker Hannifin
P-103-44	Parker Hannifin
P-103-46	Parker Hannifin
P-103-5	Parker Hannifin
P-103-87	Parker Hannifin
P-103-88	Parker Hannifin
PCS 2101	Messier-Dowty, Steels, (G,M,T)
PS 100-2S	Messier-Dowty, Bright (G)
PS 100-2S PS 931	Messier-Dowty, Bright (G)
PS 13101	Boeing, Messier-Dowty (T)
RPS 9.74	Goodrich Aerostructures
SS8448	Sikorsky

CLEANING

C-32	Northrop Grumman, Prior to Heat Treatm't, Heat & CorRes Alloys
DCMP-155	Messier-Dowty, (T)
FPS 3020	Lockheed Martin, Per FQPL-3020-4 test report PCIR 4677
GSS 7021	Northrop Grumman, Acid
HPS-206	Heroux-Devtek, Abrasive Blast
MIL-S-5002	Goodrich LGD
P-130-14	Parker Hannifin
PCS 2610	Messier-Dowty, w/Alum Oxide (T)
SS8423	Sikorsky

DRY FILM LUBE

*Approval Not Required in Many Cases

410549PRO	Parker Hannifin
AS 5272	Parker Hannifin
AS1701	Parker Hannifin
BPS 4310	Bell Helicopter
GE A50TF9	Parker Hannifin
MIL-L-46010	Goodrich LGD, Parker Hannifin
P-130-101	Parker Hannifin
PREN 2491	Parker Hannifin
PS 18021	Boeing
SS8866	Sikorsky, Application of
(N/A)	Gulfstream Aerospace



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AC7004 (Rev. C), for Quality Systems,
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Certification No. 112740-B
AC7114 for Nondestructive Testing,
Certification No. 109492-B



Approved Processes Sorted By Process

PENETRANT INSPECTION

208-14-11	Vought Aircraft
208-14-13	Vought Aircraft, Class A, AA & B
5PTPCG06	Lockheed Martin, Critical approved, excluding fracture critical
5PTPGG01	Lockheed Martin, Alum & Titanium
ACS-PRS-7005	Northrop Grumman
ASTM E 1417	Boeing, Goodrich LGD, Gulfstream Aerospace, Lockheed Martin, Messier-Dowty (T), Northrop Grumman, Parker Hannifin, Piaggio Aerio, Vought Aircraft
BAC 5423	Boeing, Parker Hannifin
BPS 4089	Bell Helicopter (Post-Emulsified), Parker Hannifin
BSS 7039	Boeing
DPS 4.707	Boeing, Excludes Parts With Internal Surfaces Requiring Special Insp Equipment
GT 23 A	Vought Aircraft
HPS-106	Heroux-Devtek
MIL-STD-6866	Lockheed Martin, Messier-Dowty (T), Parker Hannifin
NDT 8	Messier-Dowty, Flaw Detection (M,G)
NDTS-1101	Lockheed Martin, Aluminum Only (NO Zones 1A, 1B or 1C)
NDTS-1101	Lockheed Martin, Pre-Penetrant Etch, Alum Only
P-106-33	Parker Hannifin
PCS 3200	Messier-Dowty, Flaw Detection, Fluorescent (T)
PS 21202	Boeing (Al, Be, CU, Low Alloy Steels, and Stainless Steels), Messier-Dowty (T), Parker Hannifin
RPS 18.10	Goodrich Aerostructures
RPS 4.707	Goodrich Aerostructures
SS8806	Sikorsky, Aluminum Parts

PASSIVATION

*Boeing and Lockheed Martin Approval Not Required

410549PRO	Parker Hannifin
80-T-35-1200	Vought Aircraft, PFA 200, Austenitic
80-T-35-1201	Vought Aircraft, PFA 190, Martensitic
AMS 2700	Goodrich LGD, Messier-Dowty (G), Northrop Grumman
AMS-QQ-P-35	Goodrich LGD, Gulfstream Aerospace, Northrop Grumman, Sikorsky (IAW SS8435), Vought Aircraft
ASTM A 967	Goodrich LGD, Messier-Dowty (T), Northrop Grumman, Vought Aircraft
BPS 4007	Bell Helicopter, Procedure I
CP0520	Goodrich LGD
CVA 1-6	Vought Aircraft
DCMP-141	Messier-Dowty (T)
ES 091	Goodrich LGD
GAMPS 4103	Gulfstream Aerospace
HPS-190	Heroux-Devtek
MIL-S-5002	Goodrich LGD
P-103-6	Parker Hannifin
P-103-6VIII	Parker Hannifin
PS 124	Messier-Dowty (G)
PS 124 PS931	Messier-Dowty (G)
PS 13001	Messier-Dowty (T)
PS 2026	Goodrich LGD
QQ-P-35	Messier-Dowty (G)
RPS 15.00	Goodrich Aerostructures, Surface Prep, Heat & CRes Alloys
SS8435	Sikorsky, Corrosion Resistant Steel
VSS 7021	Vought Aircraft
W201014PRO	Parker Hannifin
W201015PRO	Parker Hannifin

PRIME & PAINT

Prime & Paint Approval Not Required in Many Cases

AMS-C-27725	Lockheed Martin, Application of
BAC 5793	Boeing, Application of, for Integral Fuel Tanks
BPS 4451	Parker Hannifin, Epoxy
BR-167	Goodrich LGD, Systems
DCMP-152	Messier-Dowty (T)
DCMP-214	Messier-Dowty, Hawker 4000 Program (T)
FPS 1004	Lockheed Martin, Application of
GSS 4310	Northrop Grumman
GSS 4407	Northrop Grumman
GSS 4510	Northrop Grumman
HPS-171	Heroux-Devtek, Inorganic Finishing
MIL-F-18264	Goodrich LGD (Application & Control of, for Weapons Systems), Lockheed Martin, Northrop Grumman (Application & Control of, for Weapons Systems), Goodrich LGD
MIL-PRF-23377	Piaggio Aero
MIL-PRF-85285	Goodrich LGD
MM 5748	Goodrich LGD
PCS 2500	Messier-Dowty, Polyurethane Two-Coats Process (T)
PCS 2530	Messier-Dowty, Low VOC Polyurethane (T)
PCS 2800	Messier-Dowty (M,G)
PS 13630	Messier-Dowty (T)
SS8555	Sikorsky, Aircraft Exterior, Requirements
SS8557	Sikorsky, Water Reducible Epoxy
SS8603	Sikorsky, Application of, Adhesive
SS9214	Sikorsky, Alternate
TT-P-1757	Sikorsky, Alkyd Base, One Component
(N/A)	Gulfstream Aerospace


MAGNETIC PARTICLE INSPECTION

ASTM E 1444	Boeing, Goodrich Aerostructures, Goodrich LGD, Gulfstream Aerospace, Lockheed Martin, Messier-Dowty (T), Northrop Grumman, Vought Aircraft
BAC 5424	Boeing
BPS 4075	Bell Helicopter
BSS 7040	Boeing
CPC 9108	Goodrich LGD
DPS 4.704	Boeing, Excludes Parts W/Internal Surfaces Req'g Special Insp Equipment
MIL-STD-1949	Lockheed Martin, Vought Aircraft
MM 5537	Goodrich LGD, Excludes Fracture Critical
NDTS 2101	Lockheed Martin
PCS 3100	Messier-Dowty (M,G,T)
PS 21201	Boeing, Messier-Dowty (T)
QVA-Z10-49-00	Vought Aircraft
RPS 18.08	Goodrich Aerostructures
RPS 4.704	Goodrich Aerostructures
SS8805	Sikorsky
STP 53-001	Lockheed Martin
W201014PRO	Parker Hannifin
W201015PRO	Parker Hannifin

THERMAL PROCESSING

Stress Relief and Hydrogen Embrittlement

AMS 2750	Messier-Dowty, (T)
AMS 2759/3	Messier-Dowty, Precptn-Hrdng CorRes & Maraging Steel Parts (T)
AMS 2759-11	Messier-Dowty
CVA 1-372	Vought Aircraft
HPS-129	Heroux-Devtek
MIL-H-6875	Gulfstream Aerospace, Messier-Dowty (T), Vought
PS 15000.11	Messier-Dowty, pH Grade Stainless Steel to "H" Condition (T)
PS 311	Messier-Dowty, (G)
PS 319.PS 931	Messier-Dowty, Alloy Steels, MD-G equiv (T)
SS8407	Sikorsky, Steel
VSS 5100	Vought Aircraft, Steel

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