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## Chemical Processing

### Abrasive Cleaning

60.20.18

BAC 5748

BPS 4343

MIL-STD-1504

PS 12040

### Alkaline Cleaning

BAC 5749

MPD-30

PS 12030

### Anodize

AMS 2472

ASTM B 580

CSFS 020

ES 0088

HP 4-2

HP 4-35

MIL-A-8625

PN 14.06-01

PS 13201

SS 8483

### Anodize Boric Sulfuric

BAC 5632

### Anodize Chromic

AMS 2470

BAC 5019

BPS 4001

CVA 9-4

CVA 9-4K

DPS 11.01

DPS 11.01-3

GAMPS 6201

PS 30.1

SB47 PS 4001

### Anodize Hard

AMS 2469

BAC 5821

BPS 4387

DPS 11.04

GAMPS 6203

PS 13208

### Anodize Sulfuric

A-5951-1537-1

AMS 2471

BAC 5022

Eldec Corporation

Boeing Company

Bell Helicopter Textron

Military

Boeing Company

Boeing Company

Senior

Boeing Company

AMS

ASTM

Cessna

Erickson Air Crane

Boeing Company

Boeing Company

Military

Sundstrand Aerospace

Boeing Company

Sikorsky Aircraft

Boeing Company

AMS

Boeing Company

Bell Helicopter Textron

Vought Aircraft Industries

Northrop Grumman

Boeing Company

Boeing Company

Gulfstream

Gulfstream

Scotts Bell

AMS

Boeing Company

Bell Helicopter Textron

Boeing Company

Gulfstream

Boeing Company

Hewlett Packard

AMS

Boeing Company

DPS 11.05	Boeing Company
FP-87	Northrop Grumman
NE 40-016	Embraer
PS 13201.1	Boeing Company
SX513840 SEC. 3.1	Lancair
Black Oxide	
AMS 2485	AMS
BPS 4084	Bell Helicopter Textron
DPS 9.27	Boeing Company
M69838	Honeywell Aerospace
MIL-DTL-13924	Military
MIL-F-495	Military
SB47 PS 4084	Scotts Bell
Brush Plating	
AMS 2451	AMS
AMS 2451/1	AMS
AMS 2451/13	AMS
AMS 2451/4	AMS
AMS 2451/8	AMS
BPS 4312	Bell Helicopter Textron
HP 4-113	Boeing Company
MIL-STD-2197	Military
MIL-STD-865	Military
PS 137	G.E. Aviation
SS 8443	Sikorsky Aircraft
Cadmium LHE (Stylus)	
BAC 5854	Boeing Company
Cadmium Low Embrittlement	
DPS 9.28	Boeing Company
DPS 9.28-1	Boeing Company
LGPS 1100	Goodrich (UTAS)
MIL-STD-870	Military
PS 13144	Boeing Company
SS 8448	Sikorsky Aircraft
Cadmium Nickel Diffused	
AMS 2416	AMS
Cadmium Plate	
07240-099	Paine Corporation
AMS 2400	AMS
AMS-QQ-P-416	AMS
ASTM B 766	ASTM
BAC 5701	Boeing Company
BPS 4006	Bell Helicopter Textron
CPC 8204	Cleveland Pneumatic
CSFS 024	Cessna
DPS 9.74	Boeing Company
FP-2	Northrop Grumman
FP-92	Northrop Grumman
HP 4-11	Boeing Company
MDP 4-11	MD Helicopters
PN 13.08	Sundstrand Aerospace
PS 100-1S	Messier-Dowty

PS 131	Messier-Dowty
PS 13101	Boeing Company
QQ-P-416	Military
SX513840 SEC. 5.1	Lancair
WS 13958	Military
Cadmium Titanium	
AMS 2419	AMS
BAC 5804	Boeing Company
DCMP-173	Messier-Dowty
FP-93	Northrop Grumman
HP 4-125	Boeing Company
LGPS 1103	Goodrich (UTAS)
MIL-STD-1500	Military
MMC 195	Goodrich (UTAS)
Chemical Cleaning	
ASTM B 600	ASTM
BPS 4138	Bell Helicopter Textron
CES 2162	Cessna
HP 9-5	Boeing Company
MDP 9-5	MD Helicopters
Chemical Film	
3608039	Honeywell Aerospace
5-75141	General Dynamics
A-5951-1522-1	Hewlett Packard
AMS 2473	AMS
AMS 2474	AMS
AMS 2477	AMS
AMS-C-5541	AMS
BAC 5719	Boeing Company
BPS 4182	Bell Helicopter Textron
CES 2067	Cessna
CP 5719	Lear Siegler
CSFS 027	Cessna
DPS 9.45	Boeing Company
FP-28	Northrop Grumman
GAMPS 6113	Gulfstream
HJPS-6011	Honda Aircraft Company
HP 4-57	Boeing Company
ISO 10546	ISO
M690278	Honeywell Aerospace
MDP 4-57	MD Helicopters
MIL-C-5541	Military
MIL-DTL-5541	Military
MS 6.16	Boeing Company
PN 14.12	Sundstrand Aerospace
PS 13202	Boeing Company
PS 13204	Boeing Company
PS 13209	Boeing Company
SPS 2-3	Swearingen Aviation
SS 8486	Sikorsky Aircraft
SS 8693	Sikorsky Aircraft

Chrome (Thin Dense)	
AMS 2438	AMS
DCMP-138	Messier-Dowty
Chrome Hard	
AMS 2406	AMS
AMS 2460	AMS
AMS-QQ-C-320	AMS
BAC 5709	Boeing Company
DPS 9.71	Boeing Company
GAMPS 6105	Gulfstream
HP 4-13	Boeing Company
LGPS 1101	Goodrich (UTAS)
MIL-STD-1501	Military
PS 101	G.E. Aviation
PS 13102	Boeing Company
QQ-C-320	Military
Cleaning Aluminum	
BAC 5765	Boeing Company
DPS 9.301	Boeing Company
HP 9-24	Boeing Company
SF26	Synrad
Cleaning Copper	
BAC 5770	Boeing Company
Cleaning Metals	
CSFS 035	Cessna
Cleaning Nickel/Cobalt Alloys	
BAC 5758	Boeing Company
DPS 9.19	Boeing Company
Cleaning Steels	
C-32	Northrop Grumman
DPS 9.05	Boeing Company
Cleaning Titanium	
BAC 5753	Boeing Company
FI-1709	Honeywell Aerospace
Conversion Coatings	
BAC 5665	Boeing Company
Copper Plate	
AMS 2418	AMS
ASTM B 734	ASTM
BAC 5722	Boeing Company
BPS 4110	Bell Helicopter Textron
DPS 9.69	Boeing Company
GAMPS 6104	Gulfstream
GSS 8100	Northrop Grumman
M55631	Honeywell Aerospace
MIL-C-14550	Military
PS 13104	Boeing Company
SB47 PS 4110	Scotts Bell
Degrease	
HP 9-25	Boeing Company
SS 8423	Sikorsky Aircraft

Electro Chemical Etch	
BAC 5338	Boeing Company
Etch	
AMS 2649	AMS
BAC 5786	Boeing Company
Glass Bead	
MIL-PRF-9954	Military
Gold Plate	
AMS 2422	AMS
AMS 2425	AMS
ASTM B 488	ASTM
MIL-DTL-45204	Military
MIL-G-45204	Military
SCGPS 06024	Boeing Company
Grease/Oil	
MIL-C-11796	Military
MIL-PRF-16173	Military
Heat Treat (Stress Relieve)	
AMS 2759/11	AMS
AMS 2759/9	AMS
ASTM B 849	ASTM
BAC 5617	Boeing Company
BAC 5619	Boeing Company
HP 1-9	Boeing Company
SS 8407	Sikorsky Aircraft
ST0111LA0010	Rockwell International Corp.
WAPS 40-01	GKN Westland
Heat Treat Protective Coatings	
BAC 5756	Boeing Company
Inspection	
BAC 5652	Boeing Company
Multi-Processes	
MIL-DTL-5002	Military
MIL-S-5002	Military
MIL-STD-171	Military
Nickel Bright	
001-00187-0003	Honeywell Aerospace
Nickel Electrodeposited	
AMS 2424	AMS
ASTM B 689	ASTM
BAC 5746	Boeing Company
QQ-N-290	Military
WAPS 28-02	GKN Westland
Nickel Electroless	
4-553050	Eldec Corporation
A-5951-1530-1	Hewlett Packard
AMS 2404	AMS
AMS 2405	AMS
AMS-C-26074	AMS
ASTM B 733	ASTM
BAC 5728	Boeing Company

HP 4-10	Boeing Company
HP 4-99	McDonnell Douglas Helicopter
M695215	Honeywell Aerospace
MIL-C-26074	Military
SCGPS 06013	Boeing Company
SX513840 SEC. 5.3	Lancair
Nickel Plate	
AMS 2403	AMS
AMS-QQ-N-290	AMS
MIL-P-27418	Military
Nital Etch	
BAC 5436	Boeing Company
BPS 4110	Parker Aerospace Group
DPS 4.715	Boeing Company
LGPS 3000	Goodrich (UTAS)
MIL-STD-867	Military
PS 21205	Boeing Company
Packaging	
BPS 4102	Bell Helicopter Textron
PS 20001	Boeing Company
SB47 PS 4102	Scotts Bell
Part Marking	
54.10.01	Eldec Corporation
AS 478	AMS
BAC 5307	Boeing Company
BPS 4050	Bell Helicopter Textron
CSRS 014	Cessna
FSI-PS-4010	B/E Aerospace
HP 8-5	Boeing Company
LGPS 1603	Goodrich (UTAS)
M4089108	Honeywell Aerospace
MIL-STD-130	Military
PS 16001	Boeing Company
PSJ-2275	Jamco
Passivate	
037-0137-000	Honeywell Aerospace
3608009	Honeywell Aerospace
50.70.02	Eldec Corporation
AMS 2700	AMS
AMS-QQ-P-35	AMS
ASTM A 380	ASTM
ASTM A 967	ASTM
BAC 5625	Boeing Company
BAC 5751	Boeing Company
BPS 4007	Bell Helicopter Textron
C5041	Allied Signal
CVA 1-6	Northrop Grumman
DPS 9.07	Boeing Company
FP-79	Northrop Grumman
GAMPS 4103	Gulfstream
GPS 3000-1	Honeywell Aerospace
HP 4-8	Boeing Company

LA0110-006	Rockwell International Corp.
M2987156	Honeywell Aerospace
M69510	Honeywell Aerospace
M8258251	Honeywell Aerospace
MDP 4-8	MD Helicopters
MP-22	National Water Lift
MPD-16	Senior
MSD-PS-101	Medtronic
NE 40-081	Embraer
PES 2000	Precision Engineering
PPS 31.05	Bombardier
PS 124	Messier-Dowty
PS 124	Boeing Company
PS 13001	Boeing Company
PS-0202	Aerojet
QQ-P-35	Military
RA0110-018	Boeing Company
SP 1786	Tuthill
SP-02150-001	Medtronic
SP-151	Woodward Governor
SS 8435	Sikorsky Aircraft
ST0110LA0006	Rockwell International Corp.
WAPS 41-04	GKN Westland
Phosphate Fluoride	
AMS 2486	AMS
BAC 5861	Boeing Company
CSFS 079	Cessna
Phosphating	
AMS 2481	AMS
BAC 5810	Boeing Company
BPS 4384	Bell Helicopter Textron
DOD-P-16232	Military
HP 4-7	Boeing Company
MIL-DTL-16232	Military
TT-C-490	Military
Pickle	
PS 12050	Boeing Company
PS 12050.1	Boeing Company
PS 12050.5	Boeing Company
PS 12050.6	Boeing Company
PS 12050.8	Boeing Company
Rhodium Plate	
MIL-R-46085	Military
Selective Brush Plating	
BAC 5849	Boeing Company
LGPS 1102	Goodrich (UTAS)
Silver Plate	
AMS 2410	AMS
AMS 2411	AMS
AMS 2412	AMS
ASTM B 700	ASTM
BAC 5715	Boeing Company

DPS 9.68	Boeing Company
HP 4-17	Boeing Company
QQ-S-365	Military
Solvent Cleaning	
PS 12020	Boeing Company
Strip Plating	
BAC 5771	Boeing Company
MIL-STD-871	Military
Stripping Finishes	
BPS 4357	Bell Helicopter Textron
Stripping HVOF Coatings	
LGPS 1300	Goodrich (UTAS)
Surface Treatments (Titanium)	
DPS 9.29	Boeing Company
Temporary Protection	
BAC 5034	Boeing Company
BAC 5034-2	Boeing Company
BAC 5034-3	Boeing Company
LGPS 1000	Goodrich (UTAS)
MIL-PRF-7870	Military
Tin Lead Plate	
AMS-P-81728	AMS
ASTM B 579	ASTM
M691376	Honeywell Aerospace
MIL-P-81728	Military
Tin Plate	
001-00187-0001	Honeywell Aerospace
A-5951-1535-1	Hewlett Packard
AMS 2408	AMS
ASTM B 545	ASTM
BAC 5717	Boeing Company
MIL-T-10727	Military
Type	
HP 4-15	Boeing Company
Vapor Degreasing	
BAC 5408	Boeing Company
CES 2161	Cessna
CSFS 042	Cessna
Zinc Plate	
ASTM B 633	ASTM



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## Conventional Machining

Assemble/Install	
ASSEMBLE	Customer Repair Instructions
ASSEMBLE	S.O.P.M.
DISASSEMBLE	S.O.P.M.
DISASSEMBLE	Customer Repair Instructions
PROOFLOAD	Customer Repair Instructions
PROOFLOAD	S.O.P.M.
Fab./Mfg.	
FABRICATION	Customer Repair Instructions
FABRICATION	S.O.P.M.
Grinding (Standard Practice)	
GRIND	Customer Repair Instructions
GRIND	S.O.P.M.
Grinding of Chrome	
BAC 5032	Boeing Company
LGPS 7000	Goodrich (UTAS)
MIL-STD-866	Military
PS 20710.2	Boeing Company
Grinding of Steels	
BAC 5440	Boeing Company
PS 20710	Boeing Company
Hardness Check	
DPS 1.05-4	Boeing Company
Honing (Standard Practice)	
HONE	S.O.P.M.
HONE	Customer Repair Instructions
Machining (Standard Practice)	
MACHINE	S.O.P.M.
MACHINE	Customer Repair Instructions
Polishing (Standard Practice)	
POLISH	S.O.P.M.
POLISH	Customer Repair Instructions

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## Heat Treating Steels

Heat Treating Steels	
AMS 2759	AMS
AMS 2759/1	AMS
AMS 2759/3	AMS
DPS 5.00	Boeing Company

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## HVOF

High Velocity Oxy-Fuel (HVOF)	
AMS 2447	AMS
LGPS 1301	Goodrich (UTAS)

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## Non Destructive Testing

### Acceptance Criteria

MIL-STD-1907

Military

### Magnetic Particle Inspection

ASTM E 1444/E1444M

ASTM

BAC 5424

Boeing Company

BPS 4075

Bell Helicopter Textron

BSS 7040

Boeing Company

CPC 9108

Goodrich (UTAS)

CSTI 001

Cessna

DHC 13.4

Dee Howard Co.

DPS 4.704

Boeing Company

DPS 6-100117

Dowty

EMS 52308

Honeywell Aerospace

EMS 92325

Honeywell Aerospace

EMS 92367

Honeywell Aerospace

HGS 1009

Honeywell Aerospace

HP 6-5

Boeing Company

IT-61

Northrop Grumman

M694097

Honeywell Aerospace

MIL-I-6868

Military

MIL-STD-1949

Military

NDT 2

G.E. Aviation

NDT 28

G.E. Aviation

PPS 20.01

Bombardier

PS 21201

Boeing Company

SS 8805

Sikorsky Aircraft

ST0501LT0011

Rockwell International Corp.

### Penetrant Inspection

208-14-13

Vought Aircraft Industries

86 MPS 4004

Goodrich (UTAS)

AMS 2646

AMS

ASTM E 1209

ASTM

ASTM E 1417/E1417M

ASTM

BAC 5423

Boeing Company

BPS 4089

Bell Helicopter Textron

BSS 7039

Boeing Company

CPS 3011

Senior

CSTI 002

Cessna

DPS 4.707

Boeing Company

DPS 6-100118

Dowty

EMS 52309

Honeywell Aerospace

GPS 7029-1

Honeywell Aerospace

HGS 1010

Honeywell Aerospace

HP 6-13

McDonnell Douglas Helicopter

HP 6-14

Boeing Company

IT-60

Northrop Grumman

LCP 72-1068

Vought Aircraft Industries

M694669

Honeywell Aerospace

MDP 6-13

MD Helicopters

MIL-STD-6866	Military
MM 4971	Goodrich (UTAS)
P3TF2	G.E. Aviation
P3TF47	G.E. Aviation
PN 16.03	Honeywell Aerospace
PPS 20.03	Bombardier
PS 21202	Boeing Company
SS 8806	Sikorsky Aircraft
ST0501LT0010	Rockwell International Corp.
WAPS 25-02	GKN Westland

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## Painting and Dry Film Coatings

App. of Epoxy Coating Systems	
ATSPS-004	Aviation Technical Services
DPS 4.50-36	Boeing Company
DPS 4.50-36-17	Boeing Company
PS 13550.1	Boeing Company
PS 2017	Goodrich (UTAS)
App. of Epoxy/Zinc Coatings	
BPS 4481	Bell Helicopter Textron
App. of Fuel Tank Primer	
AMS-C-27725	AMS
PS 13525	Boeing Company
ST0108LA0011	Rockwell International Corp.
ST0125LB0006	Rockwell International Corp.
App. of High Temperature Primer	
BAC 5807	Boeing Company
App. of Impact Resistant Coating System	
DPS 4.50-62	Boeing Company
App. of Interior Decorative Finishes	
BAC 5755	Boeing Company
App. of Organic Corrosion Inhibitors	
BAC 5877	Boeing Company
App. of Organic Finishes	
BAC 5706	Boeing Company
App. of Paints	
PS 13630.1	Boeing Company
App. of Polyurethane (High Solids)	
BAC 5896	Boeing Company
App. of Primer	
208-9-143	Vought Aircraft Industries
BAC 5774	Boeing Company
BAC 5777	Boeing Company
BAC 5882	Boeing Company
BPS 4451	Bell Helicopter Textron

BPS 4502	Bell Helicopter Textron
CMFS 029	Cessna
ES0043	Erickson Air Crane
GAMPS 3103	Gulfstream
GAMPS 3116	Gulfstream
GSS 4310	Northrop Grumman
HP 4-100	Boeing Company
HP 9-26	Boeing Company
NAI-1269	Northrop Grumman
PPS 34.08	Bombardier
PS 13375	Boeing Company
TT-P-2760	Military
App. of Solid Film Lubricants	
AS 5528	SAE
BAC 5811	Boeing Company
BPS 4310	Bell Helicopter Textron
FTI 8403	Fatigue Technology Inc.
LA0112-014	Rockwell International Corp.
App. of Solvent Resistant Finishes	
BAC 5736	Boeing Company
BAC 5738	Boeing Company
App. of Special Purpose Coatings	
BAC 5710	Boeing Company
BAC 5797	Boeing Company
App. of Topcoat	
BAC 5845	Boeing Company
BPS 4386	Bell Helicopter Textron
BPS 4427	Bell Helicopter Textron
BPS 4464	Bell Helicopter Textron
GAMPS 3205	Gulfstream
LA0108-038	Rockwell International Corp.
Coating (Aircraft Support Equipment)	
MIL-PRF-85285	Military
Coating (Chemical Agent Resistant)	
MIL-DTL-53039	Military
Coating (Epoxy, High Solids)	
MIL-C-22750	Military
Coating Compound (Resin-Acid)	
MIL-C-8514	Military
Finishes (Weapons Systems)	
MIL-DTL-18264	Military
Fuel Tank Coatings	
BMS 10-20	Boeing Company
MIL-C-27725	Military
Grease	
BMS 3-23	Boeing Company
BMS 3-26	Boeing Company
Inspections and Testing	
FED-STD-141	Military
Interior Decorative Paints	
BMS 10-55	Boeing Company
Paint Systems	

BAC 5775	Boeing Company
BPS 4441	Bell Helicopter Textron
DPS 4.50-165	Boeing Company
HP 4-107	Boeing Company
M4030956	Honeywell Aerospace
Painting of F15 Aircraft	
PS 13646	Boeing Company
Painting of F18 & AV8 Aircraft	
PS 13630	Boeing Company
Primer (Conventional)	
BMS 10-11	Boeing Company
BMS 10-79	Boeing Company
TT-P-636	Military
Primer (Epoxy)	
ATSMS-001	Aviation Technical Services
CMFS 025	Cessna
HJMS-7102	Honda Aircraft Company
HJPS-6007	Honda Aircraft Company
MIL-C-22751	Military
MMS 405	Boeing Company
Primer (Epoxy, High Solids)	
MIL-PRF-22750	Military
MIL-PRF-23377	Military
Primer (Epoxy, Lead/Chromate Free)	
MIL-DTL-53022	Military
MIL-P-53022	Military
Primer (Epoxy, Waterborne)	
MIL-PRF-85582	Military
Primer (Low VOC)	
CSFS 084	Cessna
MMS 423	Boeing Company
Protection of Interior of Tubing	
BAC 5720	Boeing Company
DPS 4.301	Boeing Company
Sealer	
BMS 5-95	Boeing Company
MIL-PRF-81733	Military
Solid Film Lubricant	
037-0073-000	Honeywell Aerospace
AS 5272	SAE
BMS 3-8	Boeing Company
DPS 3.177	Boeing Company
HP 4-75	Boeing Company
LB0140-005	Rockwell International Corp.
MIL-L-0046010	Military
MIL-L-23398	Military
MIL-L-46010	Military
MIL-PRF-46010	Military
MIL-PRF-81329	Military
PS 18021	Boeing Company
SS 8866	Sikorsky Aircraft
Special Purpose Coatings	

A-A-3164	Military
DPS 4.50-131	Boeing Company
Strip Paint	
BAC 5725	Boeing Company
MIL-P-85891	Military
PS 12115	Boeing Airplane Company
Teflon Coatings	
BMS 10-86	Boeing Company
Topcoats	
BMS 10-60	Boeing Company
HJPS-6025	Honda Aircraft Company
MMS 420	Boeing Company
Wash Primer	
DOD-P-15328	Military
MIL-P-15328	Military

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## Surface Enhancement

Glass Bead Peen	
BAC 5951	Boeing Company
NE 44-001	Embraer
Shot Peen	
AMS 2430	AMS
AMS-S-13165	AMS
BAC 5730	Boeing Company
BP 105	Goodrich (UTAS)
CPC 6400	Goodrich (UTAS)
DPS 4.999	Boeing Company
GAMPS 2102	Gulfstream
GSS 5310	Northrop Grumman
G-T501	Northrop Grumman
HP 4-36	Boeing Company
MIL-P-81985	Military
MIL-S-13165	Military
PCS-2300	Messier-Dowty
PS 14023	Boeing Company
Shot Peen (Flap Peen)	
BAC 5730-2	Boeing Company