

BRAMPTON PROCESSING APPROVALS

GOODRICH (UTAS)

LGPS-1001	PAINT APPLICATION
MIL-F-18264	PAINT APPLICATION
MIL-A-8625	PLATING, ANODIZE-CHROMIC (TYPE I)
LGPS-1102	PLATING, BRUSH CADMIUM
MIL-STD-865	PLATING, BRUSH CADMIUM
AMS-QQ-P-416	PLATING, CADMIUM (BRIGHT/LHE)
AMS-2460	PLATING, CHROME
AMS-QQ-C-320	PLATING, CHROME
LGPS-1101	PLATING, CHROME
AMS-2700	SURFACE TREATMENT, PASSIVATION
LGPS-8003	SURFACE TREATMENT, Ti CLEAN
AMS-2759	HEAT TREAT
AMS-2759/11	HT-STRESS RELIEF
AMS-2770	HEAT TREAT
MIL-H-6088	HEAT TREAT
AC 7108/15	PRE-PENETRANT ETCH
ASTM-E-1417	INSPECTION, LIQUID PENETRANT
ASTM-E-1444	INSPECTION, MAGNETIC PARTICLE

DEHAVILLAND

PPS 21.03	PRIMING (F21) AND SEALING OF INTEGRAL FUEL TANKS
PPS 31.02	CLEANING PROCESSES OF ALUMINUM
PPS 31.05	SURFACE TREATMENTS OF CORROSION RESISTANT STEELS
PPS 31.06	CLEANING OF COPPER AND COPPER ALLOYS
PPS 32.01	CHROMATE CONVERSION COATING
PPS 32.03	CHROMIC ACID ANODIZING (A1)
PPS 32.35	CHEMICAL CONVERSION COATING FOR LOW ELECTRICAL RESISTANCE (C10) - MANUAL APPLICATION ONLY
PPS 33.01	CADMIUM PLATING (E1)
PPS 33.04	HARD CHROMIUM PLATE
PPS 34.03	APPLICATION OF POLYURETHANE ENAMEL (F24 & F37)
PPS 34.08	APPLICATION OF EPOXY-POLYAMIDE PRIMER (F19 AND F45)
PPS 34.16	APPLICATION OF EPOXY-AMINE, URETHANE COMPATIBLE, INTERMEDIATE PRIMER (F23)
PPS 20.07	CONDUCTIVITY TESTING
PPS 20.08	HARDNESS TESTING
PPS 30.01	HEAT TREATMENT OF ALUMINUM ALLOYS
PPS 30.04	STEEL HEAT TREATMENT - CARBON AND LOW ALLOY STEELS (LIMITED TO EMBRITTLEMENT AND STRESS RELIEF)
PPS 30.06	PRECIPITATION HARDENABLE (PH) STAINLESS STEEL (LIMITED TO EMBRITTLEMENT AND STRESS RELIEF)
PPS 20.01	MAGNETIC PARTICLE INSPECTION
PPS 20.03	PENETRANT FLAW DETECTION

BRAMPTON PROCESSING APPROVALS

BOMBARDIER AEROSPACE

BAPS 160-009	CHROMIUM PLATING OF STEELS HEAT TREATED TO LESS THAN 220,000 PSI AND COPPER ALLOYS
BAPS 160-010	CHROMIC ACID ANODIZING
BAPS 160-020	CHEMICAL CONVERSION TREATMENT FOR ALUMINIUM ALLOYS
BAPS 180-029	REMOVAL OF SHOT PEEN RESIDUE FROM ALUMINUM ALLOY AND TITANIUM ALLOY PARTS
BAPS 180-032	ACID CLEANING AND DEOXIDIZING ALUMINUM ALLOYS
BAPS 180-001	ALKALINE CLEANING
BAPS 180-011	CLEANING AND DEOXIDIZING COPPER AND COPPER ALLOYS
BAPS 180-015	PASSIVATION OF CORROSION RESISTANT STEEL
BAPS 180-031	CLEANING AND DEOXIDIZING CORROSION AND HEAT RESISTANT ALLOYS AND TITANIUM ALLOYS
BAPS 160-008	CADMIUM PLATING OF CARBON AND LOW ALLOY STEELS BELOW 220,000PSI, COPPER ALLOYS AND CRES STEELS
BAPS 710-008	INTERIOR AIRCRAFT, APPLICATION OF NON-CHROMATED PRIMER
BAPS 138-043	APPLICATION OF FLUID RESISTANT PRIMER
BAPS 138-044	APPLICATION OF FLUID RESISTANT POLYURETHANE COATING
BAPS 157-026	SPRAY APPLICATION OF BAMS 565-010 INTEGRAL FUEL TANK COATING
BAPS 138-055	ACCELERATED DRYING AND CURING OF ORGANIC COATINGS
BAPS 160-040	CHEMICAL CONDUCTIVE CONVERSION TREATMENT FOR ALUMINIUM ALLOYS TYPE II ONLY
MPS 250-201	IDENTIFICATION OF AIRCRAFT PARTS AND ASSEMBLIES AEROSPATIALE A330/A34 PROGRAM
BAPS 168-013	HARDNESS AND ELECTRICAL CONDUCTIVITY TESTING OF METALS
MPS 250-303	HARDNESS & ELECTRICAL CONDUCTIVITY TESTING OF METALS FOR AEROSPATIALE A330/A340
BAPS 168-006	BAKING OF STEEL FOR RELIEF OF HYDROGEN EMBRITTLEMENT
BAPS 168-007	HEAT TREATMENT OF ALUMINUM & ALUMINUM ALLOYS
BAPS 168-015	STRESS RELIEF OF METALS
BAPS 176-002	FLUORESCENT PENETRANT INSPECTION
BAPS 176-004	MAGNETIC PARTICLE INSPECTION

SAFRAN LANDING SYSTEMS

AMS 2700	PASSIVATION OF STAINLESS STEEL
AMS-QQ-C-320/AMS 2460	CHROMIUM PLATING
AMS-QQ-P-416	CADMIUM PLATING
DCMP 161	INSPECTION OF GROUND CHROME PLATING
MIL-A-8625	ANODIZING
MIL-STD-871	ELECTRO-CHEMICAL STRIPPING OF INORGANIC FINISHES
PCS 2101	CADMIUM PLATING OF STEELS UTS<1450 MPA, COPPER AND ALUMINUM ALLOYS
ASTM-E-1417	LIQUID PENETRANT INSPECTION
ASTM-E-1444	MAGNETIC PARTICLE INSPECTION
PCS 3100	MAGNETIC PARTICLE INSPECTION
IFC 40-834-01	HARD CHROMIUM PLATING OF STEEL

BRAMPTON PROCESSING APPROVALS

BOEING

MIL-A-8625	Chromic Acid Anodizing of Alum. - Type I
BAC 5019	Chromic Acid Anodizing - Class 1 and 3
BAC 5748	Abrasive Cleaning
DPS 9.05	Abrasive Cleaning
DPS 9.07	Surface Treatment of Corrosion Resistant Steel
MIL-C-5541/MIL-DTL-5541	Chemical Conversion Coating on Aluminum
BAC 5719	Chemical Conversion Coatings for Aluminum
AMS-QQ-P-416	Plating-Cadmium (Electrodeposited)
QQ-P-416	Cadmium Plating Types I and II
BAC 5709	Hard Chromium Plating - Class 1 and 2
BAC 5709	Hard Chromium Plating - Class 3
BAC 5793	Application Corrosion Resistant Finish for Integral Fuel Tanks - manual touch-up excluded for requiring approval
BAC 5753	Cleaning - Descaling of Titanium - Method II Only
Chem. Testing	Process Solution Control
ASTM-B-117	Salt Spray Testing
DPS11.01	Chromic Acid Anodizing
DPS9.28	Cadmium Plating - High Strength Steel
DPS9.28-1	Cadmium Plating - High Strength Steel - Post Chromate Treat.
DPS9.89	Brush Plating
DPS9.71	Chromium Plating
DPS 4.50-62	Impact Resistant Coating System
PS13101	Cadmium Plating
BAC 5602	Heat Treat of Aluminum Alloys
BAC 5619	Heat Treat of Corrosion Resistant Steel (Limited to Stress Relief and Embrittlement Relief Only)
BAC 5946	Temper Inspection of Non-ferrous Alloys (Only applies to BAC 5602)
BAC 5650	Hardness Testing
DPS 1.05	Hardness Testing
DPS5.00-2	HT Steel - Precipitation Hardenable - Does NOT apply when referenced to DPS9.74
BAC 5424	Magnetic Particle Inspection
BSS 7040	Magnetic Particle Inspection
BAC 5423	Penetrant Inspection
BSS 7039	Liquid Penetrant Inspection
PS21202	Penetrant Inspection - Copper Alloys Only
ASTM-E-1417	Penetrant Inspection
MIL-I-6866	Penetrant Inspection
DPS4.704	Magnetic Particle Inspection
DPS4.707	Penetrant Inspection

BRAMPTON PROCESSING APPROVALS

AIRBUS CANADA

A2PS 160-009	CHROMIUM PLATING OF STEELS HEAT TREATED TO LESS THAN 220,000 PSI AND COPPER
A2PS 160-010	CHROMIC ACID ANODIZING
A2PS 160-020	CHEMICAL CONVERSION TREATMENT FOR ALUMINIUM ALLOYS
A2PS 180-029	REMOVAL OF SHOT PEEN RESIDUE FROM ALUMINUM ALLOY AND TITANIUM ALLOY PARTS
A2PS 180-032	ACID CLEANING AND DEOXIDIZING ALUMINUM ALLOYS
A2PS 180-001	ALKALINE CLEANING
A2PS 180-011	CLEANING AND DEOXIDIZING COPPER AND COPPER ALLOYS
A2PS 180-015	PASSIVATION OF CORROSION RESISTANT STEEL
A2PS 180-031	CLEANING AND DEOXIDIZING CORROSION AND HEAT RESISTANT ALLOYS AND TITANIUM ALLOYS
A2PS 160-008	CADMIUM PLATING OF CARBON AND LOW ALLOY STEELS BELOW 220,000PSI, COPPER ALLOYS AND CRES STEELS
A2PS 138-043	APPLICATION OF FLUID RESISTANT PRIMER
A2PS 138-044	APPLICATION OF FLUID RESISTANT POLYURETHANE COATING
A2PS 157-026	SPRAY APPLICATION OF BAMS 565-010 INTEGRAL FUEL TANK COATING
A2PS 138-055	ACCELERATED DRYING AND CURING OF ORGANIC COATINGS
A2PS 160-040	CHEMICAL CONDUCTIVE CONVERSION TREATMENT FOR ALUMINIUM ALLOYS TYPE II ONLY
A2PS 168-013	HARDNESS AND ELECTRICAL CONDUCTIVITY TESTING OF METALS
A2PS 168-006	BAKING OF STEEL FOR RELIEF OF HYDROGEN EMBRITTLEMENT
A2PS 168-007	HEAT TREATMENT OF ALUMINUM & ALUMINUM ALLOYS
A2PS 168-015	STRESS RELIEF OF METALS
A2PS 176-002	FLUORESCENT PENETRANT INSPECTION
A2PS 176-004	MAGNETIC PARTICLE INSPECTION

GULFSTREAM

GAMPS 6102	CADMIUM PLATING ELECTRODEPOSITED
QQ-P-416	CADMIUM PLATING ELECTRODEPOSITED
GAMPS 4101	ABRASIVE CLEANING
GAMPS 6103	MISC. BRUSH PLATING
GAMPS 6105	CHROMIUM ON STEEL
QQ-C-320	CHROMIUM ON STEEL
GAMPS 6201	CHROMIC ACID ANODIZE TY 1
MIL-A-8625	CHROMIC ACID ANODIZE TY 1
MIL-C-5541	CHEMICAL CONVERSION COATING
GAMPS 6113	CHEMICAL CONVERSION COATING
MIL-H-6875	STRESS RELIEVING
GAMPS 5108	HEAT TREAT ALUMINUM CASTINGS
AMS 2770	HEAT TREAT ALUMINUM CASTINGS
GAMPS 5108	HEAT TREAT ALUMINUM OVERAGE

BRAMPTON PROCESSING APPROVALS

AMS 2770	HEAT TREAT ALUMINUM OVERAGE
GAMPS 5108	HEAT TREAT WROUGHT ALUMINUM
AMS 2770	HEAT TREAT WROUGHT ALUMINUM
ASTM E-1444	MAGNETIC PARTICLE INSPECTION FLUORESCENT
ASTM E-1417	PENETRANT INSPECTION FLUORESCENT
ASTM B-117	SALT SPRAY TESTING
GAMPS 4103	PASSIVATION
QQ-P-35	PASSIVATION
GAMPS 4107	TITANIUM CLEANING
GAMPS 3306	SOLID DRY FILM LUBRICANT
GAMPS 3103	PRIMER, EPOXY, SKYDROL RESISTANT, PREPARATION AND APPLICATION
GAMPS 3116	PRIMER, EPOXY, WATERBORNE, PREPARATION AND APPLICATION
GAMPS 3216	EPOXY TOPCOAT

HEROUX DEVTEK

MIL-A-8625	Chromic Acid Anodizing of Aluminum and Aluminium Alloys
MIL-DTL-5541	Chemical Film treatment for Aluminium
HPS-113	Chemical Film treatment for Aluminium
HPS-129	Stress Relief and Hydrogen Embrittlement Relief
AMS-2759/9/11	Stress Relief and Hydrogen Embrittlement Relief
AMS-QQ-P-416	Cadmium Plating Low Embrittlement
HPS-135	Cadmium Plating Low Embrittlement
HPS-170	General Requirements for Painting
AMS-2440	Inspection of Ground. Chromium Plated Parts
AMS-QQ-C-320	Chromium Plating (Class 2)
AMS 2460	Chromium Plating
MIL-STD-1501	Chromium Plating
HPS-175	Chromium Plating
HPS-211	Application of Wet Wipe Primer
AMS-2440	Penetrant Inspection
ASTM-E1417	Penetrant Inspection
HPS-190	Chemical Passivation of Stainless Steel
HPS-306	Pre-Penetrant Etch
HPS-106	Penetrant Inspection

VIKING AIR

VPS 16.01	Application of Hard and Soft Film (F13) Corrosion Preventive Compound
VPS 16.08	Application of Polyurethane Protective Coating (F20)
VPS 20.01	Magnetic Particle Inspection
VPS 20.03	Fluorescent Penetrant Inspection
VPS 20.07	Electrical Conductivity Testing of Aluminum Alloys
VPS 20.08	Hardness Testing of Metals
VPS 21.03	Priming, Sealing & Repair of Integral Fuel Tanks
VPS 30.01	Heat Treatment of Aluminum and Aluminum Alloys

BRAMPTON PROCESSING APPROVALS

VPS 30.04	Steel Heat Treatment - Carbon and Low Alloy Steels (Limitation: stress relieve and embrittlement relieve only)
VPS 30.06	Heat Treatment of Precipitation Hardenable (PH) Stainless Steel (Limitation: stress relief and embrittlement relieve only)
VPS 31.02	Cleaning Processes for Aluminum and Aluminum Alloys
VPS 31.05	Surface Treatment of Corrosion Resistant Steel
VPS 31.07	Cleaning and Stripping of Painted Surfaces
VPS 31.09	Cleaning of Titanium and Titanium Alloys
VPS 32.01	Chemical Conversion Coating of Aluminum and Titanium Alloys by Immersion
VPS 32.03	Chromic Acid Anodizing
VPS 32.35	Chemical Conversion Coating for Low Electrical Resistance (C10)
VPS 33.01	Cadmium Plating (E1)
VPS 33.02	Removal of Metallic Coatings
VPS 33.04	Hard Chromium Plating
VPS 34.03	Application of Polyurethane Enamel
VPS 34.08	Application of Epoxy-Polyamide Primer (F19 and F45)
VPS 34.16	Application of Urethane Compatible Primer (F23)
VPS 34.41	Application of Epoxy-Polyamide Enamel (F22)

EMBRAER

NE 07-001	LIQUID PENETRANT INSPECTION
NE 40-012	METALLIC PARTS - CLEANING
NE 40-030	ALUMINUM AND ITS ALLOYS - ANODIC COATING IN CHROMIC ACID
NE 40-143	FLUID RESISTANT EPOXY PRIMER (MEP 10-059 TYPES I, II AND III) FOR METALLIC DETAIL PARTS - APPLICATION REQUIREMENTS
NE 40-160	HIGH SOLIDS POLYURETHANE AND METALLIC (MICA) ENAMEL (MEP 10-069) - APPLICATION REQUIREMENTS
NE 40-006	ALUMINUM AND ITS ALLOYS - CHEMICAL CONVERSION COATING
NE 40-135	CORROSION RESISTANT FINISH FOR INTEGRAL FUEL TANKS - APPLICATION REQUIREMENTS
NE40-159	HIGH SOLIDS EPOXY PRIMER (MEP10-068) FOR EXTERIOR METALLIC PARTS - APPLICATION REQUIREMENTS

L3 COMMUNICATIONS

MPI 160-008	CADMIUM PLATING
MPI 160-009	CHROMIUM PLATING OF ALLOYS LESS THAN 220 KSI
MPI 168-006	BAKING OF STEEL FOR RELIEF OF HYDROGEN EMBRITTLEMENT
MPI 160-020	CHEMICAL CONVERSION COATING
MPI 176-004	MAGNETIC PARTICLE INSPECTION
MPI 180-032	ACID CLEANING
MPI 180-001	ALKALINE CLEANING
MPI 180-015	PASSIVATION

MHI RJ Aviation ULC

CMAPS 160-009	CHROMIUM PLATING
CMAPS 176-002	FLUORESCENT PENETRANT INSPECTION
CMAPS 160-040 Type 2	CHEMICAL CONDUCTIVE CONVERSION TREATMENT FOR ALUMINIUM ALLOYS TYPE II



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quality@bramptonprocessing.ca

CMAPS 138-043	APPLICATION OF FLUID RESISTANT PRIMER
CMAPS 138-044	APPLICATION OF FLUID RESISTANT POLYURETHANE COATING
CMAPS 138-055	ACCELERATED DRYING AND CURING OF ORGANIC COATINGS
CMAPS 157-026	SPRAY APPLICATION OF BAMS 565-010 INTEGRAL FUEL
CMAPS 160-008	CADMIUM PLATING OF CARBON AND LOW ALLOY STEELS BELOW 220,000PSI, COPPER
CMAPS 176-004	MAGNETIC PARTICLE INSPECTION
CMAPS 180-011	CLEANING AND DEOXIDIZING COPPER AND COPPER ALLOYS
CMAPS 180-031	CLEANING AND DEOXIDIZING CORROSION AND HEAT RESISTANT ALLOYS AND TITANIUM
CMAPS 168-007	HEAT TREATMENT OF ALUMINUM & ALUMINUM ALLOYS
CMAPS 160-010	CHROMIC ACID ANODIZING
CMAPS 168-015	PASSIVATION OF CORROSION RESISTANT STEEL
CMAPS 168-013	HARDNESS AND ELECTRICAL CONDUCTIVITY TESTING OF METALS
CMAPS 168-006	BAKING OF STEEL FOR RELIEF OF HYDROGEN EMBRITTLEMENT
CMAPS 160-020	CHEMICAL CONVERSION TREATMENT FOR ALUMINIUM
CMAPS 180-001	ALKALINE CLEANING
CMAERD-GEN-018	CAPTIVE LABORATORY
CMAPS 180-029	REMOVAL OF SHOT PEEN RESIDUE FROM ALUMINUM ALLOY AND TITANIUM ALLOY
CMAPS 180-015	STRESS RELIEF OF METALS
CMAPS 180-032	ACID CLEANING AND DEOXIDIZING ALUMINUM ALLOYS

BETA TECHNOLOGIES

BTPS 62-003	APPLICATION OF PRIMER
BTPS 55-002	FLUORESCENT PENETRANT INSPECTION

SUMITOMO PRECISION PRODUCTS CO. LTD.

HJPS-6008	CADMIUM PLATE (TYPE-II)
AMS-QQ-P-416	CADMIUM PLATE (TYPE-II)
HJPS-T006	FLUORESCENT PENETRANT INSPECTION (TYPE I, METHOD A/D)
ASTM E1417	FLUORESCENT PENETRANT INSPECTION (TYPE I, METHOD A/D)
HJPS-T006	MAGNETIC PARTICLE INSPECTION

INDUSTRIAL SPECIFICATIONS

ASTM A 380	PASSIVATION
ASTM A 967	PASSIVATION
ASTM B 650	CHROMIUM PLATING
AMS 2406	CHROMIUM PLATING
MIL-C-22750	PAINTING
MIL-C-85285	PAINTING
MIL-PRF-22750	PAINTING
MIL-PRF-23377	PAINTING
MIL-PRF-85285	PAINTING
MIL-PRF-85582	PAINTING
MIL-P-23377	PAINTING
AMS-A-8625	ANODIZING
MIL-PRF-8625	ANODIZING