HMS Capability and Approval Status List

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Machining	80-T-30-4010	Machining of Metallic Components	Airbus	No	Approved	N/A	June 16, 2016	
Machining	80-T-30-6918	Finishing of Metal Components (Deburring, Cleaning)	Airbus	No	Approved	N/A	June 16, 2016	
Machining	80-T-30-9910	Drilling, Reaming and Countersinking of Rivet and Screw Holes	Airbus	Yes	Approved	No	June 16, 2016	Drilling, reaming and countersinking only with CNC machines.
Chemical Process	80-T-35-0014	Cleaning with Organic Solvents (Cold Cleaning Agents)	Airbus	No	Approved	No	June 16, 2016	
Chemical Process	80-T-35-0020	Alkaline Cleaning	Airbus	No	Not Required	No	-	
Chemical Process	80-T-35-0030	Electrolytic Degreasing	Airbus	Yes	Not Approved	No		
Chemical Process	80-T-35-0090	Rinsing	Airbus	Yes	Approved	No	January 11, 2019	
Chemical Process	80-T-35-0095	Water Quality	Airbus	No	Not Required	No	-	
Chemical Process	80-T-35-0100	Acidic Pickling of Aluminum and Aluminum Alloys	Airbus	No	Not Approved	Yes	-	
Chemical Process	80-T-35-0104	Pickling of Stainless, Austenitic Steel	Airbus	Yes	Approved	Yes	March 7, 2017	
Chemical Process	80-T-35-0106	Pickling of Titanium and Titanium Alloys - Acid -	Airbus	Yes	Approved	Yes	March 7, 2017	
Chemical Process	80-T-35-0110	Alkaline Pickling of Aluminum and Aluminum Alloys	Airbus	No	Not Approved	No		
Chemical Process	80-T-35-0194	Pickling of Martensitic Steels	Airbus	Yes	Approved	Yes	January 11, 2019	
Surface Treatments	80-T-35-0200	Abrasive Blasting - Cleaning -	Airbus	Yes	Approved	No	January 11, 2019	
Surface Treatments	80-T-35-0205	Shot Peening	Airbus	Yes	Approved	Yes	January 11, 2019	
Chemical Process	80-T-35-1101	Chromating of Aluminum and Aluminum Alloy	Airbus	Yes	Approved	Yes	June 2, 2017	
Chemical Process	80-T-35-1107	Passivation of Cadmium–plated Surfaces	Airbus	Yes	Not Approved	No		
Chemical Process	80-T-35-1200	Passivation of Corrosion-resistant Austenitic Steel	Airbus	Yes	Approved	Yes	January 10, 2019	
Chemical Process	80-T-35-1201	Passivation of Martensitic, Ferritic Corrosion–Resistant Steel	Airbus	Yes	Approved	Yes	January 10, 2019	
Chemical Process	80-T-35-2000	DC Sulphuric Acid Anodizing without Sealing	Airbus	Yes	Approved	Yes	January 11, 2019	
Chemical Process	80-T-35-2001	Sealing of Anodized Layers	Airbus	Yes	Approved	Yes	January 5, 2023	
Chemical Process	80-T-35-3000	Cadmium–Plating of Steel	Airbus	Yes	Approved	No		
Chemical Process	80-T-35-3003	Cadmium Plating of Copper Alloys	Airbus	Yes	Not Approved	No		
Chemical Process	80-T-35-3200	Hard Chromium Plating	Airbus	Yes	Not Approved	No		

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Chemical Process	80-T-35-4300	Electroless Nickel Plating of Steel	Airbus	Yes	Not Approved	No		
Chemical Process	80-T-35-5002	Coating with Two-component Primer, EP-based	Airbus	Yes	Approved	Yes	October 14, 2016	on metallic parts for manual and automatic paint application (1 booth + 1 line)
Chemical Process	80-T-35-5030	Coating with Two-/Three-component Water-based Primer	Airbus	Yes	Approved	Yes	October 14, 2016	on metallic parts for manual and automatic paint application (1 booth + 1 line)
Chemical Process	80-T-35-5106	Coating with PUR-based Top Coat	Airbus	Yes	Approved	Yes	October 14, 2016	on metallic parts for manual and automatic paint application (1 booth + 1 line)
Chemical Process	80-T-35-5130	Coating with Two-/Three-component Water-based Top Coat	Airbus	Yes	Approved	Yes	October 14, 2016	on metallic parts for manual and automatic paint application (1 booth + 1 line)
Chemical Process	80-T-35-5212	Coating with Anti–slip Paint	Airbus	Yes	Approved	Yes	October 14, 2016	on metallic parts for manual and automatic paint application (1 booth + 1 line)
Chemical Process	80-T-35-5254	Coating with PUR–based Varnish, Abrasion–resistant	Airbus	Yes	Approved	Yes	November 20, 2017	
Chemical Process	80-T-35-9120	Coating with Paints and Varnishes, General	Airbus	Yes	Approved	Yes	October 14, 2016	on metallic parts for manual and automatic paint application (1 booth + 1 line)
Chemical Process	80-T-35-9124	Rework of Paint Coatings on Metallic and Non-metallic Substrates	Airbus	Yes	Approved	No	March 7, 2017	limitation to metallic parts for manual and automatic paint application (1 booth + 1 line)
Heat Treatment	80-T-36-3300	Dehydrogenation of Steels	Airbus	Yes	Approved	No	January 11, 2019	
Marking/Varnish	80-T-39-0132	Marking with Indelible Ink	Airbus	No	Approved	No	June 16, 2016	
Machining	80-T-39-0230	Treatment of Damage on Components Made of Aluminum Alloys	Airbus	Yes	Approved	No	February 27, 2017	
Destructive Testing	A2ERD GEN-018	Engineering Requirements for Laboratories	Airbus Canada	Yes	Approved	Yes	2019	Limited to Fields 1a, 1b,2a, 4a, 5a & 5e
Chemical Process	A2PS 138-043	Application of Fluid Resistant Primer	Airbus Canada	Yes	Approved	Yes	2019	
Chemical Process	A2PS 138-043	Application of Fluid Resistant Primer	Airbus Canada	Yes	Approved	Yes	-	
Chemical Process	A2PS 138-044	Application of Fluid Resistant (FR) Enamels and Decorative Topcoats	Airbus Canada	Yes	Approved	Yes	2019	
Chemical Process	A2PS 138-044	Application of Fluid Resistant (FR) Enamels and Decorative Topcoats	Airbus Canada	Yes	Approved	Yes	-	
Chemical Process	A2PS 138-049	Application of Heat Resistant Coating	Airbus Canada	Yes	Approved	No	September 7, 2022	Temporary Approval Until 07-Sept-2023 supplier authorized to ship parts
Chemical Process	A2PS 138-055	Accelerated Curing of Organic Coatings	Airbus Canada	Yes	Approved	No	2019	Limited to Convention oven only
Chemical Process	A2PS 138-055	Accelerated Curing of Organic Coatings	Airbus Canada	Yes	Approved	No	-	Limited to Convention oven only
Chemical Process	A2PS 144-005	Identification of Aircraft Parts and Assemblies	Airbus Canada	Yes	Approved	No	2019	Intrusive Ident limited to electro chemical etch
Chemical Process	A2PS 144-005	Identification of Aircraft Parts and Assemblies	Airbus Canada	Yes	Approved	No	-	Intrusive Ident limited to electro chemical etch
Assembly	A2PS 151-001	Installation of Conventional Rivets	Airbus Canada	Yes	Approved	No	2019	Manual riveting
Assembly	A2PS 151-001	Installation of Conventional Rivets	Airbus Canada	Yes	Approved	No	-	Manual riveting
Chemical Process	A2PS 157-026	Spray Application of BAMS 565-010 Integral Fuel Tank Coating	Airbus Canada	Yes	Approved	No	October 25, 2023	Limitation: Temporary Approval Until 25-Oct-2023 supplier authorized to ship parts

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Assembly	A2PS 157-028	Pressure and Environmental Sealing	Airbus Canada	Yes	Approved	No	2019	Bearing and bushing installation - wet installation of fasteners and faying surface of nutplates
Assembly	A2PS 157-030	Application of High Temperature Firewall Sealant	Airbus Canada	Yes	Approved	No	July 13, 2021	-
Chemical Process	A2PS 160-010	Chromic Acid Anodizing	Airbus Canada	Yes	Approved	Yes	2019	Limited to the Manual Line
Chemical Process	A2PS 160-010	Chromic Acid Anodizing	Airbus Canada	Yes	Approved	Yes	-	Limited to the Manual Line
Chemical Process	A2PS 160-020	Chemical Conversion Treatment for Aluminum Alloys	Airbus Canada	Yes	Approved	Yes	2019	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	A2PS 160-020	Chemical Conversion Treatment for Aluminum Alloys	Airbus Canada	Yes	Approved	Yes	-	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	A2PS 160-032	Sulphuric Acid Anodizing	Airbus Canada	Yes	Approved	No	September 30, 2024	
Chemical Process	A2PS 160-034	Zinc-Nickel Alloy Plating	Airbus Canada	Yes	Approved	Yes	11-Jul-23	
Chemical Process	A2PS 160-036	Electrolytic Polishing	Airbus Canada	Yes	Approved	No	2019	
Chemical Process	A2PS 160-040	Conductive Chemical Conversion Treatment for Aluminum Alloys	Airbus Canada	Yes	Approved	Yes	2019	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	A2PS 160-040	Conductive Chemical Conversion Treatment for Aluminum Alloys	Airbus Canada	Yes	Approved	Yes	-	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	A2PS 160-045	Chrome Free Acid Anodizing of Aluminium Alloys	Airbus Canada	Yes	Approved	Yes	2019	Limited to primer Seevnax 313/81(BAMS 565-001) as per Technique Sheet KS/KP/SP/010 rev R00 Limitation: 100% coated parts processed without sealing.
Chemical Process	A2PS 160-045	Chrome Free Acid Anodizing of Aluminium Alloys	Airbus Canada	Yes	Approved	Yes	-	Limited to primer Seevnax 313/81(BAMS 565-001) as per Technique Sheet KS/KP/SP/010 rev R00
Chemical Process	A2PS 160-047	Low Hydrogen Embrittlement Zinc Nickel Alloy Plating	Airbus Canada	Yes	Not Approved	No		
Chemical Process	A2PS 161-007	Application of Heat Cured Corrosion Inhibiting Solid Film Lubricant	Airbus Canada	Yes	Approved	No	February, 10 2023	
Heat Treatment	A2PS 168-006	Baking of Steel for Relief of Hydrogen Embrittlement	Airbus Canada	Yes	Approved	No	July, 11 2023	
Heat Treatment	A2PS 168-007	Heat Treatment of Aluminum Alloys	Airbus Canada	Yes	Not Approved	No		
Destructive Testing	A2PS 168-013	Hardness and Electrical Conductivity Testing of Metals	Airbus Canada	Yes	Approved	No	2019	
Destructive Testing	A2PS 168-013	Hardness and Electrical Conductivity Testing of Metals	Airbus Canada	Yes	Approved	No	-	
Heat Treatment	A2PS 168-015	Stress Relief of Metals	Airbus Canada	Yes	Approved	No	July, 11 2023	Limitation: Temporary Approval Until July 7th 2023, supplier authorized to ship parts
Assembly	A2PS 175-004	Installation and Retention of Self Aligning Groove Bearings by Roller or Anvil Swaging	Airbus Canada	Yes	Approved	No	2019	Roller Swaging of bearing
Assembly	A2PS 175-004	Installation and Retention of Self Aligning Groove Bearings by Roller or Anvil Swaging	Airbus Canada	Yes	Approved	No	-	Roller Swaging of bearing
Assembly	A2PS 175-005	Installation of Interference Fit Bushings	Airbus Canada	Yes	Approved	No	2019	Authorized thermal operation: cooling of bushing in liquid nitroge
Assembly	A2PS 175-005	Installation of Interference Fit Bushings	Airbus Canada	Yes	Approved	No	-	Authorized thermal operation: cooling of bushing in liquid nitroge
Non Destructive Testing	A2PS 176-002	Fluorescent Penetrant Inspection	Airbus Canada	Yes	Approved	Yes	2019	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Non Destructive Testing	A2PS 176-002	Fluorescent Penetrant Inspection	Airbus Canada	Yes	Approved	Yes	-	
Non Destructive Testing	A2PS 176-004	Magnetic Particle Inspection	Airbus Canada	Yes	Approved	No	April, 01 2024	
Chemical Process	A2PS 180-001	Alkaline Cleaning	Airbus Canada	Yes	Approved	No	2019	Manual & Auto-Line
Chemical Process	A2PS 180-001	Alkaline Cleaning	Airbus Canada	Yes	Approved	No	-	Manual & Auto-Line
Chemical Process	A2PS 180-011	Cleaning and Deoxidizing Copper and Copper Alloys	Airbus Canada	Yes	Approved	Yes	2019	
Chemical Process	A2PS 180-015	Passivation of Corrosion Resistance Steel	Airbus Canada	Yes	Approved	Yes	2019	
Chemical Process	A2PS 180-015	Passivation of Corrosion Resistance Steel	Airbus Canada	Yes	Approved	Yes	-	
Chemical Process	A2PS 180-030	Alkaline Etching of Aluminum Alloys	Airbus Canada	Yes	Approved	Yes	2019	Manual & Auto-Line
Chemical Process	A2PS 180-030	Alkaline Etching of Aluminum Alloys	Airbus Canada	Yes	Approved	Yes	-	Manual & Auto-Line
Chemical Process	A2PS 180-031	Cleaning and Deoxidizing Corrosion and Heat Resistant Alloys and Titanium Alloys	Airbus Canada	Yes	Approved	Yes	2019	Manual Line only
Chemical Process	A2PS 180-031	Cleaning and Deoxidizing Corrosion and Heat Resistant Alloys and Titanium Alloys	Airbus Canada	Yes	Approved	Yes	-	Manual Line only
Chemical Process	A2PS 180-032	Acid Cleaning and Deoxidizing Aluminum Alloys	Airbus Canada	Yes	Approved	No	2019	Manual & Auto-Line
Chemical Process	A2PS 180-032	Acid Cleaning and Deoxidizing Aluminum Alloys	Airbus Canada	Yes	Approved	No	-	Manual & Auto-Line
Chemical Process	AIPI02-04-013	Non Chromium (VI) Passivation for Cadmium Plating	Airbus	Yes	Not Approved	No		
Machining	AIPS01-02-003	Preparation of Holes in Metallic Materials for Fastening	Airbus	Yes	Approved	No	February 27, 2017	Drilling, Reaming and Countersinking only with CNC Machine.
Chemical Process	AIPS02-01-002	Sulphuric Acid Anodising of Aluminium Alloys	Airbus	Yes	Approved	Yes	June 29, 2016	Limited for parts designed by Diehl Aerosystem
Chemical Process	AIPS02-01-002	Sulphuric Acid Anodising of Aluminium Alloys	Airbus	Yes	Approved	Yes	July 29, 2016	
Chemical Process	AIPS02-01-003	Tartaric Sulphuric Anodizing (TSA) of Aluminum Alloys for Corrosion Protection and Paint Pre-treatment	Airbus	Yes	Approved	Yes	June 29, 2016	Limited for parts designed by Diehl Aerosystem
Chemical Process	AIPS02-01-003	Tartaric Sulphuric Anodizing (TSA) of Aluminum Alloys for Corrosion Protection and Paint Pre-treatment	Airbus	Yes	Approved	Yes	July 29, 2016	
Chemical Process	AIPS02-01-003	Tartaric Sulphuric Anodizing (TSA) of Aluminum Alloys for Corrosion Protection and Paint Pre-treatment	Airbus	Yes	Approved	Yes	July 29, 2016	
Chemical Process	AIPS02-05-001	Chemical Conversion Coating	Airbus	Yes	Approved	Yes	July 29, 2016	
Chemical Process	AIPS02-05-001	Chemical Conversion Coating	Airbus	Yes	Approved	Yes	July 29, 2016	
Chemical Process	AIPS02-05-005	Passivation of Corrosion Resistant Steel	Airbus	Yes	Approved	Yes	June 29, 2016	Limited for parts designed by Diehl Aerosystem
Chemical Process	AIPS02-05-005	Passivation of Corrosion Resistant Steel	Airbus	Yes	Approved	Yes	July 29, 2016	
Machining	AIPS03-11-001	Machining of Metallics	Airbus	No	Not Required	No	-	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Chemical Process	AIPS05-02-003	Application of External Paint Systems	Airbus	Yes	Approved	No	June 29, 2017	limitation to ClearCoat UVR – AIMS04-04-023 - application on ink marking only.
Chemical Process	AIPS05-02-009	Application of Structural Paints	Airbus	Yes	Approved	Yes	June 29, 2016	Limited for parts designed by Diehl Aerosystem
Chemical Process	AIPS05-02-009	Application of Structural Paints	Airbus	Yes	Approved	Yes	July 29, 2016	on metallic parts for manual an automatic paint application (1 booth + 1 line)
Chemical Process	AIPS05-02-011	Rework of Paints on Metallic and Non-Metallic Structural Parts	Airbus	Yes	Approved	No	March 7, 2017	on metallic parts and manual paint application.
Chemical Process	AIPS07-01-006	Electrical Bonding	Airbus	Yes	Approved	No	March 7, 2017	on SP1 & SP7 processes only.
Marking/Varnish	AIPS08-03-002	Permanent Marking with Ink	Airbus	No	Not Required	No		
Chemical Process	AIPS09-01-003	Cleaning with aqueous cleaning agents	Airbus	No	Not Required	No	-	
Destructive Testing	AITM 1-0022	Wettability test	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 1-0024	Determination of the completeness of cure of organic coatings	Airbus	Yes	Approved	No	April 16, 2021	
Destructive Testing	AITM 1-0070	Surface roughness measurements using surface stylus methods	Airbus	Yes	Approved	Yes	-	incl. ISO 4287
Destructive Testing	AITM 2-0024	Determination of adhesion by wet tape testing	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 2-0027	Determination of colour differences	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 3-0007	Drop (reaction) test on aluminium and aluminium alloys	Airbus	Yes	Approved	Yes	-	Also according to QVA-Z10-58-01
Destructive Testing	AITM 3-0029	Determination of iron (III) as reactive compound in acidic surface treatment baths	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 3-0030	Titration of sulphuric and tartaric acid in anodizing electrolytes	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 3-0032	Analysis of metals in galvanic bathes by ICP-spectroscopy	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 3-0034	Combined determination of free hydroxide and aluminium in alkaline surface treatment baths	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 3-0035	Determination of chloride contaminations in surface treatment baths	Airbus	Yes	Approved	Yes	-	
Destructive Testing	AITM 3-0036	Determination of hydrogen ions in surface treatment baths	Airbus	Yes	Approved	Yes	-	
Non Destructive Testing	AITM6-1001	Penetrant Inspection	Airbus	Yes	Approved	Yes	-	Limited on legacy stainless steel parts related to chemical preparation as per 80-T-35-0104 and/or 80-T-35-0194. No limitation on Aluminium and Titanium parts.
Non Destructive Testing	AITM6-1001	Penetrant Inspection	Airbus	Yes	Approved	Yes	-	Limited on legacy stainless steel parts related to chemical preparation as per 80-T-35-0104 and/or 80-T-35-0194. No limitation on Aluminium and Titanium parts.
Non Destructive Testing	AITM6-1001	Penetrant Inspection	Airbus	Yes	Approved	Yes	-	Limited on legacy stainless steel parts related to chemical preparation as per 80-T-35-0104 and/or 80-T-35-0194. No limitation on Aluminium and Titanium parts.
Non Destructive Testing	AITM6-2001	Magnetic Particle Inspection	Airbus	Yes	Approved	No	May 12, 2025	
Non Destructive Testing	AITM 6-6004	Determination of electrical conductivity of aluminium alloys by eddy current method	Airbus	Yes	Approved	Yes	June 16, 2016	
Non Destructive Testing	AITM6-6006	Measuring coating thickness by equipments of the magnetic and eddy current type	Airbus	Yes	Approved	Yes	-	

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Non Destructive Testing	AITM6-9004	Inspection for confirmation of the anodising process (based upon measurement of surface resistance)	Airbus	Yes	Approved	Yes	-	
Chemical Process	SAE-AMS 2402	Plating, Zinc	International Standard	Yes	Approved	No	June 6, 2018	
Chemical Process	SAE-AMS 2417	Plating, Zinc-Nickel Alloy	International Standard	Yes	Approved	Yes	-	Type 2
Chemical Process	SAE-AMS 2417	Plating, Zinc-Nickel Alloy	International Standard	Yes	Approved	Yes	-	Type 2
Chemical Process	SAE-AMS 2417	Plating, Zinc-Nickel Alloy	International Standard	Yes	Approved	Yes	-	Type 2
Chemical Process	SAE-AMS 2460	Plating, Chromium	International Standard	Yes	Approved	Yes		
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS2700 or SAE-AMS-QQ-P-35	Passivation of Corrosion Resistant Steels	International Standard	Yes	Approved	Yes	-	Type 2, 6
Chemical Process	SAE-AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)	International Standard	Yes	Approved	Yes	February 28, 2020	
Chemical Process	SAE-AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)	International Standard	Yes	Approved	Yes	-	Type-1 (for all classes), Type-2 (for all classes)
Chemical Process	SAE-AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)	International Standard	Yes	Approved	Yes	-	Type-1 (for all classes), Type-2 (for all classes)
Chemical Process	SAE-AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)	International Standard	Yes	Approved	Yes	February 3, 2020	Type-1 (for all classes), Type-2 (for all classes)
Chemical Process	SAE-AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)	International Standard	Yes	Approved	Yes	-	Type-1 (for all classes), Type-2 (for all classes)
Chemical Process	SAE-AMS-QQ-P-416	Plating, Cadmium (Electrodeposited)	International Standard	Yes	Approved	Yes	-	Type-1 (for all classes), Type-2 (for all classes)
Heat Treatment	SAE-AMS2759/3	Heat Treatment Precipitation-Hardening Corrosion-Resistant, Maraging, and Secondary Hardening Steel Parts	International Standard	Yes	Approved	No	October 5, 2021	Only Maraging Steel
Chemical Process	ASTM A967	Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts	International Standard	Yes	Approved	No	-	Method I Type 1,2,3

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Chemical Process	ASTM A967	Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts	International Standard	Yes	Approved	No	-	Method I Type 1,2,3
Destructive Testing	ASTM B117	Standard practice for operating salt spray (Fog) apparatus	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ASTM B244	Standard practice for operating salt spray (Fog) apparatus	International Standard	Yes	Approved	Yes	-	
Chemical Process	ASTM B633	Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel	International Standard	Yes	Approved	No	-	Tip1 (Fe/Zn25,12,8,5), Tip2 (Fe/Zn25,12,8,5), Tip3 (Fe/Zn25,12,8,5),
Chemical Process	ASTM B633	Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel	International Standard	Yes	Approved	No	-	Tip1 (Fe/Zn25,12,8,5), Tip2 (Fe/Zn25,12,8,5), Tip3 (Fe/Zn25,12,8,5),
Chemical Process	ASTM B633	Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel	International Standard	Yes	Approved	No	February 3, 2020	Tip1 (Fe/Zn25,12,8,5), Tip2 (Fe/Zn25,12,8,5), Tip3 (Fe/Zn25,12,8,5),
Chemical Process	ASTM B633	Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel	International Standard	Yes	Approved	No	-	Tip1 (Fe/Zn25,12,8,5), Tip2 (Fe/Zn25,12,8,5), Tip3 (Fe/Zn25,12,8,5),
Chemical Process	ASTM B912	Standard Specification for Passivation of Stainless Steels Using Electropolishing	International Standard	Yes	Approved	No	-	
Chemical Process	ASTM B912	Standard Specification for Passivation of Stainless Steels Using Electropolishing	International Standard	Yes	Approved	No	-	
Destructive Testing	ASTM D1125	Standard Test Methods for Electrical Conductivity and Resistivity of Water	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ASTM D1193	Standard Specification for Reagent Water	International Standard	N/A	Approved	Yes	-	
Destructive Testing	ASTM D1293	Standard Test Methods for pH of Water	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ASTM D512	Chloride ion in water	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials	Boeing	Yes	Approved	No	October 1, 2025	
Non Destructive Testing	ASTM E1417	Standard Practice for Liquid Penetrant Testing	International Standard	No	Approved	Yes	December 5, 2017	
Non Destructive Testing	ASTM E1444	Standard Practice for Magnetic Particle Examination	International Standard	No	Approved	Yes	-	
Non Destructive Testing	ASTM E1444	Standard Practice for Magnetic Particle Examination	International Standard	No	Approved	Yes	-	
Destructive Testing	ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials	Boeing	No	Approved	Yes	May 04, 2026	
Chemical Process	BAC5019	Chromic Acid Anodizing	Boeing	Yes	Approved	Yes	February 28, 2020	Class 1, Class 3, Class 5
Machining	BAC5032	Grinding of Chromium Plate	Boeing	Yes	Approved	Yes	August 28, 2023	
Chemical Process	BAC5117	Electrical Bonding	Boeing	No	Approved	No	May 5, 2025	
Chemical Process	BAC5117-3	Standard Preinstallion Ground Stud Installion	Boeing	No	Approved	No	May 5, 2025	
	BAC5300	Forming, Straightening and Fitting Metal Parts	Boeing	No	Approved	No	May 07, 2025	
	BAC5300-1	Surface and Edge Integrity of Metal Parts	Boeing	No	Approved	No	May 07, 2025	
Non Destructive Testing	BAC5423	Penetrant Methods of Testing	Boeing	Yes	Approved	No	November 12, 2021	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Non Destructive Testing	BAC5424	Magnetic Particle Inspection	Boeing	Yes	Approved	No	November 12, 2021	
Assembly	BAC5435	Bearing Installation and Retention	Boeing	No	Approved	No	May 07, 2025	
Destructive Testing	BAC5436	Etch Inspection of Ground or Machined Steel Parts	Boeing	Yes	Approved	Yes	August 28, 2023	
Heat Treatment	BAC5617	Heat Treatment of Alloys Steels	Boeing	Yes	Approved	No	November 24, 2022	H5: Lmited to Stress Relief and/or Embrittlement Relief
Heat Treatment	BAC5619	Heat Treatment of Corrosion Resistant Steel	Boeing	Yes	Approved	No	November 24, 2022	H1:Age/Precipication Hardening Only H5: Lmited to Stress Relief and/or Embrittlement Relief
Chemical Process	BAC5625	Surface Treatments for Ferrous Alloys	Boeing	No	Not Required	No	February 28, 2020	Method II
Chemical Process	BAC5632	Boric Acid - Sulfuric Acid Anodizing	Boeing	Yes	Approved	Yes	February 28, 2020	Class 1, Class 5
Chemical Process	BAC5637	Zinc-Nickel Alloy Plating	Boeing	Yes	Approved	No	December 21, 2022	
Destructive Testing	BAC 5650	Hardness Testing	Boeing	No	Approved	Yes	May 04, 2026	
Chemical Process	BAC5701	Cadmium Plating	Boeing	Yes	Approved	Yes	February 28, 2020	Type I, Type II
Chemical Process	BAC5709	Hard Chromium Plating	Boeing	Yes	Approved	Yes	August 28, 2023	Class 1 and 2
Chemical Process	BAC5709	Hard Chromium Plating	Boeing	Yes	Approved	Yes	August 28, 2023	Class 3
Chemical Process	BAC5709	Hard Chromium Plating	Boeing	Yes	Approved	No	October 1, 2025	Class 4 Limited to 15-5PH Steel
Chemical Process	BAC5719	Chemical Conversion Coatings for Aluminum and Aluminum Alloys	Boeing	Yes	Approved	Yes	February 28, 2020	Immersion Application Only Type I Class A,B,D,F
Surface Treatments	BAC5730	Shot Peening	Boeing	Yes	Approved	Yes	February 13, 2019	
Chemical Process	BAC5736	Application of Chemical and Solvent Resistant Finishes	Boeing	No	Not Required	No	February 28, 2020	
Chemical Process	BAC5749	Alkaline Cleaning	Boeing	No	Not Required	No	February 28, 2020	
Chemical Process	BAC5750	Solvent Cleaning	Boeing	No	Not Required	No	February 28, 2020	
Chemical Process	BAC5751	Cleaning, Descaling and Surface Preparation of Ferrous Alloys	Boeing	No	Not Required	No	February 28, 2020	Tyep II, Class 2A, 2B and 2D
Chemical Process	BAC5753	Cleaning, Descaling and Surface Preparation of Titanium and Titanium Alloys	Boeing	Yes	Approved	Yes	February 28, 2020	Method II
Chemical Process	BAC5755	Application of Interior Decorative Finishes	Boeing	No	Not Required	No	February 28, 2020	
Chemical Process	BAC5765	Cleaning and Deoxidizing Aluminum Alloys	Boeing	No	Not Required	No	February 28, 2020	
Chemical Process	BAC5811	Application of Bonded Solid Film Lubricants	Boeing	Yes	Approved	Yes	May 26, 2025	
Chemical Process	BAC5845	Application of Polyurethane Topcoat	Boeing	No	Not Required	No	February 28, 2020	
Chemical Process	BAC5854	Low Hydrogen Embrittlement Stylus Cadmium Plating	Boeing	Yes	Not Approved	No		

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Chemical Process	BAC5882	Application of Urethane Compatible Primer	Boeing	No	Not Required	No	February 28, 2020	
Non Destructive Testing	NAS 410	NDI Personnel Certification Level 3 Magnetic	Boeing	Yes	Approved	Yes	November 12, 2021	
Non Destructive Testing	MIL-STD-410	NDI Personnel Certification Level 3 Magnetic	Boeing	Yes	Approved	Yes	November 12, 2021	
Non Destructive Testing	NAS 410	NDI Personnel Certification Level 3 Penetrant	Boeing	Yes	Approved	Yes	November 12, 2021	
Non Destructive Testing	MIL-STD-410	NDI Personnel Certification Level 3 Penetrant	Boeing	Yes	Approved	Yes	November 12, 2021	
Destructive Testing	BAERD GEN-018	Engineering Requirements for Laboratories	Bombardier	Yes	Approved	Yes	August 17, 2017	Limited to Fields 1a, 1b, 5a & 5e
Chemical Process	BAPS 138-043	Application of Fluid Resistant Primer	Bombardier	Yes	Approved	Yes	August 17, 2017	
Chemical Process	BAPS 138-043	Application of Fluid Resistant Primer	Bombardier	Yes	Approved	Yes	-	
Chemical Process	BAPS 138-043	Application of Fluid Resistant Primer	Bombardier	Yes	Approved	Yes	-	
Chemical Process	BAPS 138-043	Application of Fluid Resistant Primer	Bombardier	Yes	Approved	Yes	November 8, 2017	
Chemical Process	BAPS 138-044	Application of Fluid Resistant (FR) Enamels and Decorative Topcoats	Bombardier	Yes	Approved	Yes	August 17, 2017	
Chemical Process	BAPS 138-044	Application of Fluid Resistant (FR) Enamels and Decorative Topcoats	Bombardier	Yes	Approved	Yes	-	
Chemical Process	BAPS 138-044	Application of Fluid Resistant (FR) Enamels and Decorative Topcoats	Bombardier	Yes	Approved	Yes	November 8, 2017	
Chemical Process	BAPS 138-055	Accelerated Curing of Organic Coatings	Bombardier	Yes	Approved	No	August 17, 2017	Limited to Convention oven only
Chemical Process	BAPS 144-005	Identification of Aircraft Parts and Assemblies	Bombardier	Yes	Approved	No	August 30, 2018	Limitation: Intrusive limited to chemical etch
Chemical Process	BAPS 144-005	Identification of Aircraft Parts and Assemblies	Bombardier	Yes	Approved	No	-	Limitation: Intrusive limited to chemical etch
Chemical Process	BAPS 144-005	Identification of Aircraft Parts and Assemblies	Bombardier	Yes	Approved	No	-	Limitation: Intrusive limited to chemical etch
Chemical Process	BAPS 145-002	Electrical Bonding of Aircraft	Bombardier	Yes	Approved	No	December 18, 2017	Limited Metal to Metal
Assembly	BAPS 151-001	Installation of Conventional Rivets	Bombardier	Yes	Approved	No	August 17, 2017	Limited to manual only
Assembly	BAPS 157-028	Pressure and Environmental Sealing	Bombardier	Yes	Approved	No	August 17, 2017	Limited to Wet Installation of Fasteners, Faying Surface Sealing & Fillet Seals IWO Bearings/Bushes.
Assembly	BAPS 157-028	Pressure and Environmental Sealing	Bombardier	Yes	Approved	No	-	Limited to Wet Installation of Fasteners, Faying Surface Sealing & Fillet Seals IWO Bearings/Bushes.
Chemical Process	BAPS 160-010	Chromic Acid Anodizing	Bombardier	Yes	Approved	Yes	August 17, 2017	Limited to the Manual Line
Chemical Process	BAPS 160-010	Chromic Acid Anodizing	Bombardier	Yes	Approved	Yes	-	Limited to the Manual Line
Chemical Process	BAPS 160-010	Chromic Acid Anodizing	Bombardier	Yes	Approved	Yes	November 15, 2017	Limited to the Manual Line HMS-RFD-016 (BA Reference Number: 50158) HMS-RFD-018 (BA Reference Number: 50138)
Chemical Process	BAPS 160-020	Chemical Conversion Treatment for Aluminum Alloys	Bombardier	Yes	Approved	Yes	August 17, 2017	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Chemical Process	BAPS 160-020	Chemical Conversion Treatment for Aluminum Alloys	Bombardier	Yes	Approved	Yes	-	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	BAPS 160-020	Chemical Conversion Treatment for Aluminum Alloys	Bombardier	Yes	Approved	Yes	-	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	BAPS 160-036	Electrolytic Polishing	Bombardier	Yes	Approved	No	August 9, 2012	BA Referance Number: 2012-BA-001
Chemical Process	BAPS 160-040	Conductive Chemical Conversion Treatment for Aluminum Alloys	Bombardier	Yes	Approved	Yes	August 17, 2017	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	BAPS 160-040	Conductive Chemical Conversion Treatment for Aluminum Alloys	Bombardier	Yes	Approved	Yes	-	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	BAPS 160-040	Conductive Chemical Conversion Treatment for Aluminum Alloys	Bombardier	Yes	Approved	Yes	-	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen
Chemical Process	BAPS 160-040	Conductive Chemical Conversion Treatment for Aluminum Alloys	Bombardier	Yes	Approved	Yes	November 15, 2017	Type 1 Manual & Auto-Line & Type 2 - 1132 Prep Pen HMS-RFD-009 (BA Referance Number: 50109) HMS-RFD-018 (BA Referance Number: 50138)
Chemical Process	BAPS 160-045	Chrome Free Acid Anodizing of Aluminium Alloys	Bombardier	Yes	Approved	Yes	May 2, 2018	Limited to primer Seevnax 313/81(BAMS 565-001) as per Technique Sheet KS/KP/SP/010 rev R00
Chemical Process	BAPS 160-045	Chrome Free Acid Anodizing of Aluminium Alloys	Bombardier	Yes	Approved	Yes	-	Limited to primer Seevnax 313/81(BAMS 565-001)
Chemical Process	BAPS 160-045	Chrome Free Acid Anodizing of Aluminium Alloys	Bombardier	Yes	Approved	Yes	July 19, 2018	Limited to primer Seevnax 313/81(BAMS 565-001)
Destructive Testing and Non Destructive Testing	BAPS 168-013	Hardness and Electrical Conductivity Testing of Metals	Bombardier	Yes	Approved	Yes	August 17, 2017	
Destructive Testing and Non Destructive Testing	BAPS 168-013	Hardness and Electrical Conductivity Testing of Metals	Bombardier	Yes	Approved	Yes	-	
Assembly	BAPS 175-004	Installation and Retention of Self-Aligning Groove Bearings by Roller or Anvil Swaging	Bombardier	Yes	Approved	No	August 17, 2017	Limited to Roller Swaging Tool Numbers – ST001/MS14103A- 6CE, ST002/MS14103A-8CE, ST003/MS14103A-10CE & ST004/MS14103A-12CE
Assembly	BAPS 175-004	Installation and Retention of Self-Aligning Groove Bearings by Roller or Anvil Swaging	Bombardier	Yes	Approved	No	-	Limited to Roller Swaging Tool Numbers – ST001/MS14103A- 6CE, ST002/MS14103A-8CE, ST003/MS14103A-10CE & ST004/MS14103A-12CE
Assembly	BAPS 175-005	Installation of Interference Fit Bushings	Bombardier	Yes	Approved	No	August 17, 2017	Limited to liquid nitrogen only
Assembly	BAPS 175-005	Installation of Interference Fit Bushings	Bombardier	Yes	Approved	No	-	Limited to liquid nitrogen only
Non Destructive Testing	BAPS 176-002	Fluorescent Penetrant Inspection	Bombardier	Yes	Approved	Yes	August 17, 2017	
Non Destructive Testing	BAPS 176-002	Fluorescent Penetrant Inspection	Bombardier	Yes	Approved	Yes	-	
Non Destructive Testing	BAPS 176-002	Fluorescent Penetrant Inspection	Bombardier	Yes	Approved	Yes	-	
Non Destructive Testing	BAPS 176-002	Fluorescent Penetrant Inspection	Bombardier	Yes	Approved	Yes	November 28, 2017	
Chemical Process	BAPS 180-001	Alkaline Cleaning	Bombardier	Yes	Approved	No	August 17, 2017	Manual & Auto-Line
Chemical Process	BAPS 180-001	Alkaline Cleaning	Bombardier	Yes	Approved	No	-	Manual & Auto-Line
Chemical Process	BAPS 180-001	Alkaline Cleaning	Bombardier	Yes	Approved	No	-	Manual & Auto-Line
Chemical Process	BAPS 180-001	Alkaline Cleaning	Bombardier	Yes	Approved	No	November 8, 2017	Manual & Auto-Line HMS-RFD-001 (BA Referance Number: 50165) HMS-RFD-007 (BA Referance Number: 50103)
Chemical Process	BAPS 180-009	Manuel Solvent Cleaning	Bombardier	No	Approved	No	November 8, 2017	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Chemical Process	BAPS 180-011	Cleaning and Deoxidizing Copper and Copper Alloys	Bombardier	Yes	Approved	Yes	November 17, 2017	
Chemical Process	BAPS 180-011	Cleaning and Deoxidizing Copper and Copper Alloys	Bombardier	Yes	Approved	Yes	-	
Chemical Process	BAPS 180-015	Passivation of Corrosion Resistance Steel	Bombardier	Yes	Approved	Yes	August 17, 2017	
Chemical Process	BAPS 180-015	Passivation of Corrosion Resistance Steel	Bombardier	Yes	Approved	Yes	-	
Chemical Process	BAPS 180-015	Passivation of Corrosion Resistance Steel	Bombardier	Yes	Approved	Yes	-	
Chemical Process	BAPS 180-030	Alkaline Etching of Aluminum Alloys	Bombardier	Yes	Approved	Yes	August 17, 2017	Manual & Auto-Line
Chemical Process	BAPS 180-030	Alkaline Etching of Aluminum Alloys	Bombardier	Yes	Approved	Yes	-	Manual & Auto-Line
Chemical Process	BAPS 180-030	Alkaline Etching of Aluminum Alloys	Bombardier	Yes	Approved	Yes	-	Manual & Auto-Line
Chemical Process	BAPS 180-030	Alkaline Etching of Aluminum Alloys	Bombardier	Yes	Approved	Yes	November 8, 2017	Manual & Auto-Line HMS-RFD-004 (BA Reference Number: 50166) HMS-RFD-021 (BA Reference Number: 50151)
Chemical Process	BAPS 180-031	Cleaning and Deoxidizing Corrosion and Heat Resistant Alloys and Titanium Alloys	Bombardier	Yes	Approved	Yes	August 17, 2017	Manual Line only
Chemical Process	BAPS 180-031	Cleaning and Deoxidizing Corrosion and Heat Resistant Alloys and Titanium Alloys	Bombardier	Yes	Approved	Yes	-	Manual Line only
Chemical Process	BAPS 180-032	Acid Cleaning and Deoxidizing Aluminum Alloys	Bombardier	Yes	Approved	No	August 17, 2017	Manual & Auto-Line
Chemical Process	BAPS 180-032	Acid Cleaning and Deoxidizing Aluminum Alloys	Bombardier	Yes	Approved	No	November 8, 2017	Manual & Auto-Line HMS-RFD-002 (BA Reference Number: 50169) HMS-RFD-010 (BA Reference Number: 50104) HMS-RFD-021 (BA Reference Number: 50151)
Machining	BAPS 188-001	Standard Machining Practices for Metallic Parts	Bombardier	No	Approved	No	-	
Machining	BAPS 188-001	Standard Machining Practices for Metallic Parts	Bombardier	No	Approved	No	-	
Machining	BAPS 188-001	Standard Machining Practices for Metallic Parts	Bombardier	No	Approved	No	-	
Destructive Testing	EN 2002-7	Hardness Testing	International Standard	Yes	Approved	Yes	-	for Legacy programs only
Chemical Process	FA 10-006	Bonded connections	Diehl Aircabin	Yes	Approved	No	June 29, 2016	
Chemical Process	FA 11-001	Processing of Adhesive Tapes	Diehl Aircabin	Yes	Approved	No	June 29, 2016	
Assembly	FA 15-015	Riveting of Components	Diehl Aircabin	Yes	Approved	No	June 29, 2016	
Destructive Testing	FED-STD-141 Method-6301.3	Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing	International Standard	No	Approved	Yes	-	
Destructive Testing	ISO 1518-1	Paints and varnishes — Determination of scratch resistance —	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 2143	Anodizing of aluminium and its alloys — Estimation of loss of absorptive power of anodic oxidation coatings after sealing — Dye-spot test with prior acid treatment	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 2360	Non-conductive coatings on nonmagnetic electrically conductive base metals — Measurement of coating thickness — Amplitude-sensitive eddy-current method	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 2409	Paints and varnishes - Cross-cut test	International Standard	Yes	Approved	Yes	-	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Destructive Testing	ISO 2808	Paints and varnishes — Determination of film thickness	International Standard	Yes	Approved	Yes	-	Limited to eddy current
Destructive Testing	ISO 2812-1	Paints and varnishes - Determination of resistance to liquids - Part 1: Immersion in liquids other than water	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 2812-2	Paints and varnishes - Determination of resistance to liquids - Part 2: Water immersion method	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 2813	Paints and varnishes - Determination of specular gloss of non-metallic paint films at 20°, 60° and 85°	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 3696	Water for analytical laboratory use - Specification and test methods	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 4628-2	Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 2: Assessment of degree of blistering	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 6508	Metallic materials - Rockwell hardness test	International Standard	Yes	Approved	Yes	-	
Destructive Testing	ISO 9227	Corrosion tests in artificial atmospheres — Salt spray tests	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	Type II
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	February 28, 2020	Type I, Type IC and Type II (Approval Not Required for International Space Station (ISS) Houston Only)
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	February 3, 2020	Type 1 Class 1, Type 2 Class 1
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-PRF-8625 or MIL-A-8625	Anodic Coatings for Alluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Chemical Process	MIL-C-5541 & MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	February 3, 2020	Type 1 Class 1A, Type 1 Class 3, Type 2 Class 1A, Type 2 Class 3,
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-C-5541 or MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	MIL-DTL-13924	Coating, Oxide, Black, for Ferrous Metals	International Standard	Yes	Approved	No	-	Class 1, 4
Chemical Process	MIL-DTL-13924	Coating, Oxide, Black, for Ferrous Metals	International Standard	Yes	Approved	No	February 3, 2020	Class 1, 4
Chemical Process	MIL-DTL-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	February 28, 2020	Immersion Application Only
Non Destructive Testing	MIL-DTL-81706	Chemical Conversion Materials for Coating Aluminum and Aluminum Alloys	International Standard	Yes	Approved	Yes	-	
Chemical Process	NAS4006	Aluminum Coating	International Standard	Yes	Approved	Yes	-	
Chemical Process	NAS4006	Aluminum Coating	International Standard	Yes	Approved	Yes	-	
Chemical Process	NAS4006	Aluminum Coating	International Standard	Yes	Approved	Yes	-	
Machining	PPS 01.21	Machining Processes for Metallic Parts	De Havilland Canada	No	Approved	No	-	
Machining	PPS 01.21	Machining Processes for Metallic Parts	De Havilland Canada	No	Approved	No	-	
Assembly	PPS 12.04	Installation of Interference Fit Bearings and Bushings using Liquid Nitrogen	De Havilland Canada	No	Approved	No	October 18, 2023	Limited to bushing installation only
Marking/Varnish	PPS 15.01	Part Marking	De Havilland Canada	No	Approved	No	-	
Marking/Varnish	PPS 15.01	Part Marking	De Havilland Canada	No	Approved	No	-	
Non Destructive Testing	PPS 20.01	Magnetic Particle Inspection	De Havilland Canada				September 8, 2023	
Non Destructive Testing	PPS 20.03	Penetrant Flaw Detection	De Havilland Canada	Yes	Approved	No	October 18, 2023	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Non Destructive Testing	PPS 20.07	Electrical Conductivity Testing of Aluminum Alloys	De Havilland Canada	Yes	Approved	No	August 17, 2017	
Destructive Testing	PPS 20.08	Hardness Testing	De Havilland Canada	Yes	Approved	No	August 17, 2017	
Chemical Process	PPS 31.03	Cleaning of Carbon and Low Alloy Steels	De Havilland Canada	Yes	Approved	No	December,18, 2024	Limited to cleaning process used for Cd plating per PPS 33.01
Chemical Process	PPS 31.05	Surface Treatment of Corrosion Resistance Steel (C9)	De Havilland Canada	Yes	Approved	No	December,18, 2024	Process carriedout per BAPS 180-015 Rev.B Limited to passivation process only.
Chemical Process	PPS 31.09	Cleaning of Titanium and Titanium Alloys	De Havilland Canada	Yes	Approved	No	December,18, 2024	
Chemical Process	PPS 32.01	Chemical Conversion Coating of Aluminum and Titanium Alloys by Immersion (C1)	De Havilland Canada	Yes	Approved	No	December,18, 2024	Process carried out per BAPS 160-020 Rev.C
Chemical Process	PPS 32.02	Manual Application of C1 Chemical Conversion Coatings	De Havilland Canada	Yes	Approved	No	December,18, 2024	Process carried out per BAPS 160-020 Rev.C
Chemical Process	PPS 32.03	Chromic Acid Anodizing	De Havilland Canada	Yes	Approved	No	December,18, 2024	Process carried out per BAPS 160-010 Rev.E
Chemical Process	PPS 32.09	Application of Dry Film Lubricants (C3, C7 AND C8)	De Havilland Canada	Yes	Approved	No	August 17, 2017	
Chemical Process	PPS 34.03	Application of Polyurethane Enamel	De Havilland Canada	Yes	Approved	Yes	August 17, 2017	
Chemical Process	PPS 34.03	Application of Polyurethane Enamel	De Havilland Canada	Yes	Approved	Yes	-	
Chemical Process	PPS 34.08	Application of Epoxy-Polyamide Primer (F19 & F45)	De Havilland Canada	Yes	Approved	Yes	August 17, 2017	
Chemical Process	PPS 34.08	Application of Epoxy-Polyamide Primer (F19 & F45)	De Havilland Canada	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-07-27	Determination of Chromium (VI) in surface treatment baths	Airbus	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-07-28	Determination of Aluminium in acid surface treatment baths	Airbus	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-07-35	Determination of Cyanide in Surface Treatment Baths	Airbus	Yes	Approved	Yes	-	Limited to method 1 - Determination of Cyanide in Surface Treatment Baths
Destructive Testing	QVA-Z09-07-36	Determination of Hydroxide in alkaline cleaning baths	Airbus	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-07-37	Determination of Cadmium in Surface Treatment Baths	Airbus	Yes	Approved	Yes	-	Limited to method 1 - Determination of Cadmium in Surface Treatment Baths.
Destructive Testing	QVA-Z09-07-40	Analysis of Components of Hydrofluoric Acid Pickling Baths	Airbus	Yes	Approved	Yes	August 11, 2021	
Destructive Testing	QVA-Z09-19-01	Determination of the pH-value in Aqueous Media	Airbus	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-20-00	Determination of Water Hardness	Airbus	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-22-00	Determination of Dry Residue	Airbus	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-23-00	Determination of the Specific Conductivity in Aqueous Media	Airbus	Yes	Approved	Yes	-	
Destructive Testing	QVA-Z09-25-00	Determintation of removal rate of alkaline pickling baths	Airbus	Yes	Approved	Yes	-	
Chemical Process	UN-D 452	Chemical Blackening of Metals	International Standard	Yes	Approved	No	-	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Chemical Process	WAPS 09-02	Cleaning of Metals Surfaces	GKN	Yes	Approved	No	June 6, 2018	Method 1A, Method 1B, Method 2, Method 3B, Method 5, Method 9
Marking/Varnish	WAPS 21-01	Identification Marking of Components	GKN	Yes	Approved	No	-	
Assembly	WAPS 24-01	Interference Fits for Component Assembly	GKN	Yes	Approved	No	-	
Assembly	WAPS 24-02	Interference Fits for Component Assembly	GKN	No	Approved	No	June 6, 2018	
Non Destructive Testing	WAPS 25-02	Penetrant Flaw Detection	GKN	Yes	Approved	Yes	June 6, 2018	
Destructive Testing and Non Destructive Testing	WAPS 25-04	Hardness and Electrical Conductivity Testing of Metalic Materials	GKN	Yes	Approved	No	June 6, 2018	
Non Destructive Testing	WAPS 25-07	Approval of NDT Personnel	GKN	Yes	Approved	Yes	June 6, 2018	
Chemical Process	WAPS 26-01	Application of Cold Curing Epoxy Primers and Fillers	GKN	Yes	Approved	Yes	June 6, 2018	
Chemical Process	WAPS 26-05	Cold Curing Epoxide Type Finish Resistant to Ester Lubricants	GKN	Yes	Approved	Yes	June 6, 2018	
Chemical Process	WAPS 26-08	Application of High Heat Resisting Aluminum Enamel	GKN	Yes	Approved	Yes	June 6, 2018	
Chemical Process	WAPS 28-03	Cadmium Plating	GKN	Yes	Approved	Yes	June 6, 2018	KS/PS/SP/009 iss2 Frozen process
Destructive Testing	WAPS 28-03 Para 13.2	Porosity	GKN	Yes	Approved	Yes	-	Frozen process
Others	WAPS 31-01	The Protection of Metallic and Non-Metallic Items	GKN	No	Approved	No	June 6, 2018	
Assembly	WAPS 36-01	Wet Assembly Jointing and Fillet Sealing Compounds	GKN	No	Approved	No	June 6, 2018	
Chemical Process	WAPS 41-01	Chromate Conversion Coatings on Aluminum and Aluminum Alloys	GKN	Yes	Approved	Yes	June 6, 2018	
Chemical Process	WAPS 41-04	Passivation of Corrosion Resisting Steel	GKN	Yes	Approved	Yes	June 6, 2018	
Chemical Process	WAPS 41-05	Anodic Oxidation of Aluminium and Aluminium Alloys in Chromic Acid	GKN	Yes	Approved	Yes	June 6, 2018	
Assembly	BAC5000	SEALING GENERAL	BOEING	No	Approved	No	-	
Assembly	BAC5010	APPLICATION OF ADHESIVES	BOEING	No	Approved	Yes	-	
Chemical Process	BAC5786	ETCH CLEANING OF ALUMINUM ALLOYS	BOEING	No	Approved	Yes	-	
Machining	BAC5748	ABRASIVE CLEANING, DEBURRING, AND FINISHING	BOEING	No	Approved	Yes	-	
Non Destructive Testing	BSS7039	LIQUID PENETRANT TESTING	BOEING	Yes	Approved	Yes	-	
Chemical Process	TPS-231	TARTARIC SULFURIC ACID (ANODIZING)	AIRBUS PROGRAM	Yes	Approved	Yes	-	
Marking/Varnish	AIPI08-02-003	IDENTIFICATION BY BAG AND TAG	AIRBUS PROGRAM	No	Approved	No	-	
Marking/Varnish	BAC5307	PART MARKING	BOEING	No	Approved	No	-	

Process Type	Process Specification No	Process Specification Name	OEM / International Standard / Owner	Special Process (Yes / No)	Customer Approval Status	NADCAP (In Scope)	Approval Date	Limitations
Testing	AITM 6-9004	INSPECTION FOR CONFIRMATION OF THE ANODISING PROCESS (BASED UPON MEASUREMENT OF SURFACE RESISTANCE)	AIRBUS PROGRAM	Yes	Approved	No	-	
Chemical Process	A2PS 138-043	PRIMER	AIRBUS CANADA	Yes	Approved	Yes	-	BAPS 138-043 AND A2PS 138-043 SPECIFICATIONS ARE APPLICABLE FOR BOMBARDIER PROGRAMS.
Chemical Process	A2PS 180-009	MANUAL SOLVENT CLEANING	AIRBUS CANADA	No	Approved	No	-	BAPS 180-009 AND A2PS 180-009 SPECIFICATIONS ARE APPLICABLE FOR BOMBARDIER PROGRAMS.
Chemical Process	BAPS 180-032	ACID CLEANING AND DEOXIDIZING ALUMINIUM ALLOYS	BOMBARDIER	Yes	Approved	Yes	-	MANUEL & AUTO LINE, HMS-RFD-002 (BA REFERENCE NUMBER:50169) HMS-RFD-010 (BA REFERENCE NUMBER:50104) HMS-RFD-021 (BA REFERENCE NUMBER:50151)
Chemical Process	BAPS 180-030	ALKALINE ETCHING OF ALUMINIUM ALLOYS	BOMBARDIER	Yes	Approved	Yes	-	MANUEL & AUTO LINE, HMS-RFD-004 (BA REFERENCE NUMBER:50166) HMS-RFD-021 (BA REFERENCE NUMBER:50151)
Chemical Process	AIPI07-01-006	ELECTRICAL BONDING	AIRBUS PROGRAM	Yes	Approved	Yes	-	SP1 & SP7 PROCESSES ONLY