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Montréal, Québec
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Approvals list

TAE133-F05

Accredited NADCAP / Certified ISO9001 & AS9100

Rev. 18

Prime	Specification number	Type	Description	Comments
BOEING	D1-4426	QA	Processor basic quality system for approval only	
BOEING	BAC 5032	GRI	Grinding of Chromium plage landing gear parts 275 KSI and above	
BOEING	BAC 5408	GEN	Vapor degreasing	ACCEPT. PAR NADCAP - SANS MANDAT ACCEPT. VIA NADCAP - NO MANDATE
BOEING	BAC 5423	F.P.I.	Liquid penetrant inspection (LPI)	
BOEING	BAC 5424	M.P.I.	Magnetic Particle Inspection (MPI)	
BOEING	BAC 5436	NE	Temper / Nital Etch Inspection of Ground or Machined steel parts	
BOEING	BAC 5617	HT	Heat Treat of Alloy Steels	LIMITED TO STRESS RELIEF AND/OR EMBRITTELEMENT RELIEF
BOEING	BAC 5619	HT	Heat Treat of Corrosion Resistant Steel	LIMITED TO STRESS RELIEF AND/OR EMBRITTELEMENT RELIEF
BOEING	BAC 5709	CH	Chromium plating	
BOEING	BAC 5730	SP	Shot peening	
BOEING	BAC 5730-2	Flapper peening	Shot peening - Self contained	
BOEING	BAC 5746	NI	Nickel plating (Electrodeposited)	
BOEING	BAC 5804	Ti-CAD	Low Hydrogen Embrittlement Cadmium-Titanium Plating	
BOEING	BAC 5854	B-CAD	Low Hydrogen Embrittlement (LHE) Stylus Cadmium Plating	
BOEING	BSS 7040	M.P.I.	Magnetic Particle Inspection (MPI)	
BOEING	BSS 7039	F.P.I.	Liquid penetrant inspection (LPI)	
BOEING	NAS 410	M.P.I.	NDI personnel certification level III Magnetic	
BOEING	NAS 410	F.P.I.	NDI personnel certification level III Penetrant	
BOEING	AMS QQ-C-320	CH	Chromium Plating (Electrodeposited)	
HEROUX	AMS 2430	SP	Shot Peening of Metal Parts	Subject to Techniques Approval
HEROUX	AMS 2460	CH	Chromium Plating	
HEROUX	AMS QQ-C-320	CH	Chromium Plating	
HEROUX	AMS QQ-N-290	NI	Nickel Electro-Plating	
HEROUX	AMS QQ-P-416	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
HEROUX	AMS S-13165	SP	Shot Peening of Metal Parts	
HEROUX	ASTM E 1417	F.P.I.	Liquid Penetrant Inspection (LPI)	
HEROUX	ASTM E 1444	M.P.I.	Magnetic Particle Inspection (MPI)	
HEROUX	HPS 020	GEN	Digital Product Definition / Model Based Definition	
HEROUX	HPS 113	COATING	Chemical Film Treatment for Aluminium - Conversion & brush	Conditional to Annual Operator Qualification for Brush Operation
HEROUX	HPS 117	M.P.I.	Magnetic Particle Inspection (MPI)	Subject to Techniques Approval
HEROUX	HPS 126	SP	Shot Peening of Metal Parts	Subject to Techniques Approval
HEROUX	HPS 182	GRI	Grinding of Chrome Plated Steel and Steel Parts Heat Treated to 180 KSI or over	Conditional To Techniques Approval And Acceptance Of Rollscan By p/n
HEROUX	HPS 187	DEC-SP	Acid Cleaning of Aluminium and Aluminium Alloys after Shot Peen	Limited to Method A
HEROUX	HPS 206	SB	Abrasive Blasting	Limited to Aluminum Oxide And Subject To Techniques Approval
HEROUX	MIL-A-8625	CP	Chromic Acid Anodizing of aluminium - Type I	
HEROUX	MIL-A-8625	CP	Sulfuric Acid Anodize of aluminium - Type II	
HEROUX	MIL-DTL-5541	COATING	Chemical Film Treatment for Aluminium - Conversion & brush	Conditional to Annual Operator Qualification for Brush Operation
HEROUX	MIL-STD-1501	CH	Chromium Plating	
HEROUX	MIL-STD-1504	SB	Abrasive Blasting	
HEROUX	MIL-STD-865	B-CAD	Selective (Brush Plating), Electro-Deposition	
HEROUX	MIL-STD-866	GRI	Grinding of Chrome Plated Steel and Steel Parts Heat Treated to 180 KSI or over	Conditional To Techniques Approval And Acceptance Of Rollscan By p/n
HEROUX	MIL-STD-867	NE	Temper / Nital etch inspection	
HEROUX	MIL-STD-868	NI	Nickel Electro-Plating	
HEROUX	MIL-STD-870	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
HEROUX	QSP 7.4.2-3	QA	Quality Assurance Requirements for Suppliers	
LIEBHERR	LAT 4-1201	PASS	Passivation of Stainless Steels	Limited to Type D only.
LIEBHERR	LAT 7 -4900P0	M.P.I.	Magnetic Particle Inspection (MPI)	
LIEBHERR	LAT 7 -4907P0	NE	Temper / Nital etch inspection	
LIEBHERR	LAT 7 -4910P0	F.P.I.	Liquid penetrant inspection (LPI)	

LIEBHERR	LAT 4-2103	ANC	Chromic Acid Anodizing of aluminium	
LIEBHERR	LAT 4-2104	COATING	Chemical Film Treatment for Aluminium - Conversion & brush	Conditional to Annual Operator Qualification for Brush Operation
LIEBHERR	LAT 4-3001	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
LIEBHERR	LAT 4-4012	HVOF	HVOF coating	WC Co Cr
LIEBHERR	LAT 2-1601	GRI	Rectification de revêtement de HVOF	HVOF grinding
LIEBHERR	LAT 4-2300	SP	Shot Peening of Metal Parts	
LIEBHERR	LAT 4-0214	GB	Glass And Ceramic Bead Peening	
LIEBHERR	LAT 6-0122	BUSHING	Assembly of Bushes in Steel Components Using Molykote DX or Zinc Loaded Molykote DX	
LIEBHERR	LAT 3-0182	HT	Heat Treat of Alloy Steels	LIMITED TO STRESS RELIEF AND/OR EMBRITTEMENT RELIEF
LIEBHERR	LAT 7-4901	NDT	Nondestructive Testing Basics	
SAFRAN	A1	MACH.	Machining of non-complete products.	for Toronto and Montreal
SAFRAN	AMS 2424	NI	Nickel Electro-Plating	
SAFRAN	AMS 2430	SP	Shot Peening of Metal Parts	
SAFRAN	AMS 2451/4	BRUSH CAD	Brush Cadmium Plating	
SAFRAN	AMS 2460	CH	Chromium plating	
SAFRAN	AMS 2649	NE	Etch Inspection of High Strength Steel Parts	
SAFRAN	AMS 2700	PASS	Passivation of Corrosion Resistant Steels (AMS 2700 Method 1 Type 8)	Method 1, Type 8
SAFRAN	DCMP-161	NDT	Inspection of Ground Chromium Plated Parts	
SAFRAN	ASTM E 1417	F.P.I.	Liquid penetrant inspection (LPI)	
SAFRAN	ASTM E 1444	M.P.I.	Magnetic Particle Inspection (MPI)	
SAFRAN	B	B	Special Processors (Metal Treatments, etc.)	
SAFRAN	DCMP 126	MACH.	Machining of High-Strength Steels	(CHROME GRINDING)
SAFRAN	DCMP 136	SP	Shot peening	
SAFRAN	DCMP 138	CH	Thin Dense Chromium Plating	
SAFRAN	DCMP 203	HVOF	Coating Tribalopy T400 By The High Velocity Oxyfuel (HVOF) Process	Sprayed Tungsten Carbide Coatings applied to Titan
SAFRAN	M-DLPS134	Glass bead	Glass And Ceramic Bead Peening	
SAFRAN	M-DLPS1004-4-1	GRI	Machining Requirements for Ultra High Tensile Strength Steels 1760 MPa (255 KSI) Tensile Strength and Above	
SAFRAN	MIL-A-8625	ANC	Chromic Acid Anodizing of aluminium - Type I	
SAFRAN	MIL-A-8625	ANS	Sulfuric Acid Anodize of aluminium - Type II	
SAFRAN	MIL-C-5541	COATING	Chemical Film Treatment for Aluminium - Conversion	
SAFRAN	MIL-STD-1501	CH	Chromium plating	
SAFRAN	PCS 2100	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
SAFRAN	PCS 2101	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
SAFRAN	PCS 2110	CH	Chromium plating	
SAFRAN	PCS 2120	NI	Nickel Electro-Plating	
SAFRAN	PCS 2141	B-CAD	Low Hydrogen Embrittlement (LHE) Stylus Cadmium Plating	
SAFRAN	PCS 2300	SP	Shot Peening of Metal Parts	
SAFRAN	PCS 2302	Flapper peening	Rotary Peening (flapper peening)	approved to peen NON BOEING PARTS ONLY. NADCAP approval is required prior to peening any Boeing parts
SAFRAN	PCS 2560	HVOF	HVOF coating	WC Co Cr
SAFRAN	PCS 2565	HVOF	THERMAL SPRAY COATING SURFACE TEXTURE INSPECTION	
SAFRAN	PCS 2610	SB	Dry Grit Blasting with Aluminium Oxide	
SAFRAN	PCS 2620	GEN	Hot Degreasing	N-Propal-Bromide to be used on steel parts only
SAFRAN	PCS 2622	GEN	Cold Solvent Degreasing	
SAFRAN	PCS 3002	F.P.I.	Penetrant inspection of ground chrome plated parts	Subject to program specific technique approval
SAFRAN	PCS 3100	M.P.I.	Magnetic Particle Inspection (MPI)	Subject to part specific technique approval
SAFRAN	PCS 3200	F.P.I.	Liquid penetrant inspection (LPI)	Subject to program specific technique approval
SAFRAN	PCS 3600	NE	Temper / Nital etch inspection	
SAFRAN	PCS 4100	MACH.	Machining of high strength steels	
SAFRAN	PCS 4102	GRI	HVOF grinding	Sprayed Tungsten Carbide Coatings applied to Steel
SAFRAN	PCS 4105	GRI	MACHINING OF THERMAL SPRAYED COATING Co – 3(Ni + Fe) – 28.5Mo – 8.5Cr – 2.6Si – 0.08C	Sprayed Tungsten Carbide Coatings applied to Titan
SAFRAN	PCS 5100	BUSHING	Assembly of Bushes in Steel Components Using Molykote DX or Zinc Loaded Molykote DX	
SAFRAN	PCS 5120	BUSHING	Assembly of Bushes Using Primer Paint	
SAFRAN	PS 1004-4-1	MACH.	Precision machining of high strength ferrous parts	

SAFRAN	PS 123	SP	Shot Peening of Metal Parts	
SAFRAN	AMS QQ-C-320	CH	Chromium plating	
SAFRAN	AMS QQ-P-416	CAD	Cadmium Plating (bright / LHE)	
SAFRAN	SCREQ 329 - RESTRICTED MBD	GEN	Use of MESSIER-DOWTY Catia authority data by manufacturing suppliers	RESTRICTED MBD ABILITY: GEOMETRIC FEATURES ONLY (100 % DIMENSIONED)
UTAS Landing Systems	AMS 2406	CH	Chromium plating	
UTAS Landing Systems	AMS-QQ-C-320	CH	Chromium plating	
UTAS Landing Systems	AMS 2438	CH	Chromium plating	
UTAS Landing Systems	AMS 2460	CH	Chromium plating	
UTAS Landing Systems	AMS 2403	NI	Plating, Nickel General Purpose	
UTAS Landing Systems	AMS 2424	NI	Plating, Nickel Low-Stressed Deposit	
UTAS Landing Systems	AMS 2430	SP	Shot Peening of Metal Parts	
UTAS Landing Systems	AMS 2649	NE	Etch Inspection of High Strength Steel Parts	
UTAS Landing Systems	AMS 2700	PASS	Passivation of Corrosion Resistant Steels (AMS 2700 Method 1 Type 8)	
UTAS Landing Systems	SAE AMS 2759	FOU	Heat Treatment Of Steel Parts General Requirements	Stress & Embrittlement relief only Maximum Temperature 925°F
UTAS Landing Systems	SAE AMS-H-6875	FOU	Heat Treatment of Steel Raw Materials	Stress & Embrittlement relief only
UTAS Landing Systems	AMS QQ-P-416	CAD	Cadmium Plating (bright / LHE)	
UTAS Landing Systems	ASTM E 1417	F.P.I.	Liquid Penetrant Inspection (LPI)	
UTAS Landing Systems	ASTM E 1444	M.P.I.	Magnetic Particle Inspection (MPI)	
UTAS Landing Systems	CPC-9108	M.P.I.	Magnetic Particle Inspection (MPI)	
UTAS Landing Systems	LGPS 1100	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
UTAS Landing Systems	LGPS 1101	CH	Chromium plating	
UTAS Landing Systems	LGPS 1102	B-CAD	Low Hydrogen Embrittlement (LHE) Stylus cadmium plating	
UTAS Landing Systems	LGPS 1103	Ti-CAD	Ti-CAD PLATING	
UTAS Landing Systems	LGPS 1300	HVOF Stripping	HVOF Stripping	
UTAS Landing Systems	LGPS 1400	GEN	Cleaning Processes	EnTron Aero and Ensolv
UTAS Landing Systems	LGPS 1301	HVOF	HVOF coating	LGMS9011 Type II only (DSS9000-021)
UTAS Landing Systems	LGPS 3000	NE	Temper / Nital etch inspection	
UTAS Landing Systems	LGPS 7000	GRI	Machining and Grinding Of Bare and Chrome Plated High Strength Low Alloy Steel	
UTAS Landing Systems	LGPS 7002	GRI	Supplemental Requirements For Grinding Of Chromium Plating On High Strength Steel- Boeing Parts	
UTAS Landing Systems	LGPS 7010	GRI	HVOF grinding	
UTAS Landing Systems	MIL-A-8625	ANC	Chromic Acid Anodize of Aluminium - Type I	
UTAS Landing Systems	MIL-A-8625	ANS	Sulfuric Acid Anodize of Aluminium - Type II	
UTAS Landing Systems	SAE AMS 2590	SP	Rotary Flap Peening of Metal Parts	
UTAS Landing Systems	MIL-STD-867	NE	Temper / Nital etch inspection	
UTAS Landing Systems	MIL-STD-866	GRI	Grinding of Chrome Plated Steel and Steel Parts Heat Treated to 180 KSI or over	
UTAS Landing Systems	MIL-STD-868	GRI	Nickel Plating, Low Embrittlement, Electro-Deposition	
UTAS Landing Systems	MIL-STD-870	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
UTAS Landing Systems	MIL-STD-1501	CH	Chromium Plating, Low Embrittlement, Electro-Deposition	
USAF	AMS 2406	CH	Chromium plating	
USAF	AMS-QQ-C-320	CH	Chromium plating	
USAF	AMS 2438	CH	Chromium plating	
USAF	AMS 2460	CH	Chromium plating	
USAF	AMS 2403	NI	Plating, Nickel General Purpose	
USAF	AMS 2424	NI	Plating, Nickel Low-Stressed Deposit	
USAF	AMS 2430	SP	Shot Peening of Metal Parts	
USAF	AMS 2649	NE	Etch Inspection of High Strength Steel Parts	
USAF	AMS 2700	PASS	Passivation of Corrosion Resistant Steels (AMS 2700 Method 1 Type 8)	
USAF	SAE AMS 2759	FOU	Heat Treatment Of Steel Parts General Requirements	Stress & Embrittlement relief only Maximum Temperature 925°F
USAF	SAE AMS-H-6875	FOU	Heat Treatment of Steel Raw Materials	Stress & Embrittlement relief only
USAF	AMS QQ-P-416	CAD	Cadmium Plating (bright / LHE)	
USAF	ASTM E 1417	F.P.I.	Liquid Penetrant Inspection (LPI)	
USAF	ASTM E 1444	M.P.I.	Magnetic Particle Inspection (MPI)	
USAF	MIL-A-8625	ANC	Chromic Acid Anodize of Aluminium - Type I	

USAF	MIL-A-8625	ANS	Sulfuric Acid Anodize of Aluminium - Type II	
USAF	SAE AMS 2590	SP	Rotary Flap Peening of Metal Parts	
USAF	MIL-STD-867	NE	Temper / Nital etch inspection	
USAF	MIL-STD-866	GRI	Grinding of Chrome Plated Steel and Steel Parts Heat Treated to 180 KSI or over	
USAF	MIL-STD-868	GRI	Nickel Plating, Low Embrittlement, Electro-Desposition	
USAF	MIL-STD-870	CAD	Cadmium Plating (bright / Low Hydrogen Embrittlement)	
USAF	MIL-STD-1501	CH	Chromium Plating, Low Embrittlement, Electro-Desposition	
USAF	200310641	HVOF	HVOF coating	
USAF	200310642	GRI	HVOF grinding	
Approval section				
Revised by		Erwann Lemonnier	Approved by	
Date		2016-02-29	Stéphane Bergeron	
Date			Date	
Date			2017-11-07	