

Cyclone Approvals

Process	Description	OEM Approvals												NADCAP	
		Airbus	Airbus Canada	Boeing	Bombardier	de Havilland	Embraer	Israel Aerospace Industries (IAI)	Lockheed Martin	Shorts	Spirit Aerosystem	Collins	Viking	CANADA	POLAND
Heat Treatment	Heat Treatment + Aging + Stress Relief	AIPS 04-01-001***	A2PS 168-007*** A2PS 168-015 A2PS 168-030	BAC 5602 BAC 5619***	BAPS 168-007*** BAPS 168-015 BAPS 168-030	PPS 30.04*** PPS 30.06***	-	PS 013000	C-0521** AMS-2770 **	-	SPS-106020	RPS 12.01*** RPS 12.31		NADCAP HT (Milton) Cert. # : 9052198502 Exp. Dt: 31 August 2023	-
Non-Destructive Testing	Penetrant Inspection	AITM 6-1001 IGC04-23-120	A2PS 176-002***	BAC 5423 BSS 7039 NAS 410	BAPS 176-002***	-	NE 07-001	PS 810100	MIL-STD-6866/ ASTM E 1417 MIL-STD-1907 C-0567** LMA-PC201** LMA-PG001**	-	SPS-104230 NAS 410	RPS 18.10***	VPS 20.03	NADCAP NDT (Century) Cert. # : 5841192104 Exp. Dt: 30 November 2022	NADCAP NDT Cert. # : 15730198237 Exp. Dt: 31 August 2022
	Magnetic Particle Inspection	AITM 6-2001	-	BAC 5424 BSS 7040 NAS410	BAPS 176-004	-	-	-	ASTM-E-1444 MIL-STD-1907	-	-	RPS 18.08**	-	NADCAP NDT (Century) Cert. # : 5841206856 Exp. Dt: 30 November 2022	
Shot Peen	Shot Peen + Shot Peen Forming	AIPS 02-02-004*** AIPS 03-10-001	A2PS 185-002 A2PS 185-003	BAC 5730	BAPS 185-002 BAPS 185-003	PPS 17.03 PPS 17.04	NE 03-076*** NE 40-072 NE 40-100	PS 220100	AMS 2430** C-1476**	P.SPEC. 703	SPS-107300			NADCAP SE (Century) Cert. # : 5841202704 Exp. Dt: 29 February 2024	-
	Abrasive Blasting	AIPS 02-02-002	A2PS 180-008	BAC5748	BAPS 180-008	-	-	-	-	-	-	-	-		
Chemical Processing	Boric Sulphuric Acid Anodizing	-	-	BAC 5632	-	-	-	-	-	-	-	-	-	NADCAP CP (Century) Cert. # : 5841190103 Exp. Dt: 31 August 2022	NADCAP CP Cert. # : 15730208577 Exp. Dt: 29 February 2024
	Chromic Acid Anodizing	AIPI 02-01-001	A2PS 160-010	BAC 5019	BAPS 160-010	-	NE 40-030	PS 231120	MIL-A-8625** STP 58-209 ** ZZP00001**	-	MIL-A-8625 Type 1B	RPS 13.56	VPS 32.03		
	Tartaric Sulphuric Acid Anodizing	AIPS 02-01-003***	-	-	-	-	-	-	-	-	-	-	-		
	Chem Film / Conversion Coating	AIPS 02-05-001***	A2PS 160-020 A2PS 160-040	BAC 5719	BAPS 160-020 BAPS 160-040	PPS 32.35	NE 40-006	PS 233100 PS 233200	AMS-C-5541/MIL-DTL-5541** STP 58-405**	-	SPS 107100				
	Passivation	AIPS 02-02-005	A2PS 180-015**	BAC 5625	BAPS 180-015	-	-	-	AMS 2700	-	-	RPS 15.00	-		
	Sol-Gel Application	-	-	BAC 5663 BAC 5665	-	-	-	-	-	-	-	-	-		
	Titanium Pickling	AIPS 09-02-005	-	BAC 5753	BAPS 180-031**	-	-	-	-	-	-	-	-		
Zinc Nickel Plating	AIPS 02-04-006**	AMS 2417**	BAC 5637	BAPS 160-047**	-	-	-	-	-	-	-	-			
Paint	Dry Film Lubricant	-	-	BAC 5811**	BAPS 161-007 MIL-PRF-46010 BAPS 161-008 MIL-PRF-81329	-	-	-	-	-	-	RPS 13.81 AS5272 MIL-PRF-81329 MIL-L-23398			
	Primer + Topcoat + Fuel Tank Coating + Miscellaneous	ADET 0071 AIPS 05-02-003 AIPS 05-02-009*** AIPS 05-02-011*** AIPS 09-04-001	A2PS 138-029 MIL-C-23377 MIL-P-23377 A2PS 138-043 A2MS 565-001 A2MS 565-014 A2MS 565-018 A2PS 138-044 A2MS 565-002 A2PS 138-046 A2MS 565-005	BAC 5710 BAC 5736 BAC 5845 BAC 5882 BAC 5807 BAC 5755 BAC 5896 BAC 5910 MIL-PRF-95385	BAPS 138-029 MIL-C-23377 MIL-P-23377 BAPS 138-043 BAMS 565-001 BAMS 565-014 BAMS 565-018 BAPS 138-044 BAMS 565-002 BAPS 138-046 BAMS 565-005	PPS 21.03*** PPS 32.09 PPS 34.01 PPS 34.03 PPS 34.08 PPS 34.16 PPS 34.20	NE 40-135 NE 40-143 NE 40-159 NE 40-160	PS 243500 PS 243701 PS 243900 PS 243520 PS 249150	MIL-C-27725/AMS-C-27725** MIL-PRF-22750 MIL-DTL-18264 G639 ** C-378-M** LMA-PJ264** MIL-PRF-23377 MIL-PRF-85285 MIL-PRF-85582	P.SPEC. 910	SPS 107360	RPS 13.84*** RPS 13.97*** LGPS -1001**	VPS 34.08		
Machining/ Fabrication/ plating	Machining/ Fabrication/ plating	AIPS 01-02-003 AIPS 03-11-001 AIPS 03-11-003 AIPS 03-10-005	A2PS 136-120 A2PS 160-031*** A2PS 174-002*** A2PS 188-001 A2PS 188-002 A2PS 185-000***	BAC 5300	BAPS 136-120 BAPS 160-031*** BAPS 174-002*** BAPS 188-001 BAPS 188-002 BAPS 185-000***	PPS 01.02 PPS 01.21 PPS 01.36*** PPS 33.12	NE 03-051	PS 551100	-	-	-		VPS 20.07 VPS 20.08		
	Part Marking	AIPS 08-03-002	A2PS 144-005***	BAC 5307	BAPS 144-005*** MPS 250-201	PPS 15.01	NE 01-040	PS 500100	-	-	SPS-103070				
	Inspection Methods	IGC 04-25-120 AITM 6-6004	A2PS 168-013***	BAC 5650 BAC 5946	BAPS 168-013*** MPS 250-303	PPS 20.07 PPS 20.08	-	PS 800200 PS 800400 PS 851000	LMA-PC009** C-0566 **	-	AMS 2658	RPS 18.11		NADCAP MI (Meadowpine) Cert. # : 16485202028 Exp. Dt: 28 February 2023 NADCAP MI (Rapistan) Cert. # : 13149202027 Exp. Dt: 28 February 2023	

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		Airbus	Airbus Canada	Boeing	Bombardier	de Havilland	Embraer	Israel Aerospace Industries (IAI)	Lockheed Martin	Shorts	Spirit Aerosystem	Collins	Viking	CANADA	POLAND
Miscellaneous	Electrical Bonding	AIPS 07-01-006*** <i>AITM 6-9008***</i>	A2PS 145-002***	-	BAPS 145-002***	PPS 9.06***	PF80-241	-	-	-	-		-	-	
	Welding	-	-	<i>BAC 5945</i> BAC 5975***	BAPS 172-034 **	<i>PPS 37.03</i> <i>PPS 37.04</i> <i>PPS 37.06</i> <i>PPS 37.10</i>	-	-	STP 55-104**	-	-		-	-	
	Assembly	<i>AIPS 01-01-004</i> AIPS 01-02-003*** AIPS 01-02-008 AIPS 01-02-013 AIPS 01-02-017 AIPS 01-02-019*** AIPS 01-02-022 AIPS 01-03-002 AIPS 01-03-004 <i>AIPS 01-03-010</i> AIPS 03-03-012*** <i>AIPS 03-06-004</i> AIPS 03-06-009 AIPS 05-05-001*** AIPS 05-05-003 AIPS 05-05-004 AIPS 05-05-006	A2PS 150-003 A2PS 151-001*** A2PS 157-027*** A2PS 157-028 A2PS 157-030 A2PS 157-032 A2PS 175-004 A2PS 175-005 A2PS 175-006	<i>BAC 5000</i> <i>BAC 5004</i> <i>BAC 5064</i> <i>BAC 5435</i>	BAPS 150-003 BAPS 151-001*** BAPS 157-027*** BAPS 157-028 BAPS 157-030 BAPS 157-032 BAPS 175-004 BAPS 175-005 BAPS 175-006	PPS 12.04 PPS 21.20 PPS 21.21 PPS 25.23*** PPS 25.55*** PPS 25.63	FPS 5720 (FACC) FPS 5866 (FACC)	<i>PS 070100</i> <i>PS 070500</i> <i>PS 080100</i> <i>PS 313100</i> <i>PS510100</i> <i>PS 510300</i> <i>PS 520100</i>	-	-				-	-
	Chemical Cleaning	<i>AIPI 09-01-002</i> <i>AIPI 09-01-003</i>	A2PS 180-001*** A2PS 180-029 A2PS 180-030 A2PS 180-032	<i>BAC 5749</i> <i>BAC 5765</i> <i>BAC 5786</i>	BAPS 180-001*** BAPS 180-029 BAPS 180-030 BAPS 180-032	PPS 31.02	NE 40-012	PS 211600	C-0170**	-	<i>SPS-107490</i>	RPS 15.52		-	-
	Laboratory	AITM 2-0027 AITM 3-0030 AITM 3-0035 AITM 3-0036 AITM 7-0008 ISO 2360 ISO 2409 ISO 2808 ISO 9227 (ASTM B117) AITM 1-0022 AITM 1-0024 AITM 3-0034 ISO 2812-2 AITM 1-0070 (incl. ISO 4287)* AITM 3-0038* ASTM D1125* ASTM D1293* ISO 2106*	A2ERD-GEN-018	ASTM B-117***	BAERD-GEN-018	-	-	<i>PS 808000</i>	ASTM B-117**	-	ASTM B-117 SSS-143020			-	-

Notes:
 Spec in black, were already on previous OEM Approval list (Approvals are verified)
Spec in Blue and Italic are not Special processes (Either No need for Approval or Selective Approval)
 * (Qualified only for Cyclone Poland)
 ** (Qualification on Hold)
 *** (Qualified with limitations)