● (Approved) ◻ (Preparing)

DIVISION	PROCESS	NADCAP	BOEING	BOEING (COM)	BOEING (MIL)	AIRBUS	AIRBUS CANADA	AIRBUS Helicopters	SAFRAN	BOMBARDIER	Collins	EMBRAER	General Dynamics	LOCKHEED MARTIN	MHI	MOOG	SPIRIT	NORTHROP GRUMMAN	IAI	ST Engineering Aerospace	Bell	Martin-Baker	T-50 Series	KF-21	Domestic Military Aircraft (Except T-50, KF-21)
Anodizing	Anodizing, Chromic Acid	AC7108/8	BAC5019 MIL-A-8625, TY I	BAC5019 MIL-A-8625, TY I	MIL-A-8625, TY I	ABP 1-1023	A2PS 160-010		IFC 40-761-02MD MIL-A-8625, TY IB	PPS 32.03 BAPS 160-010	FEIS 101A	NE 40-030	MIL-A-8625	STP58-209	MP2301		MIL-A-8625 TY IB		PS231120	MIL-A-8625	BPS 4001		MIL-A-8625,TYI	MIL-A-8625 TY I AMS 2470	KS W 1138 I◻ MIL-PRF-8625 (MIL-A-8625) TY I
	Anodizing, Boric-Sulfuric Acid	AC7108/8	BAC5632, Cl 5	BAC5632, Cl 5																					MIL-PRF-8625 (MIL-A-8625) TY I
	Anodizing, Tartaric-Sulfuric	AC7108/8				AIPI 02-01-003 I+D-P-416											MIL-A-8625 TY IC SPS-106320			AIPS 02-01-003					MIL-PRF-8625 (MIL-A-8625) TY I
	Anodizing, Sulfuric Acid	AC7108/8	MIL-A-8625, TY II PS13201, TY II	MIL-A-8625, TY II	MIL-A-8625, TY II PS13201, TY II		A2PS 160-032 GR2		MIL-A-8625, Ty II (Specimen)		FEIS 101B	NE 40-016 TY I	MIL-A-8625				MIL-A-8625 TY II & IIB	MIL-A-8625 T II	PS231110	MIL-A-8625		PS 306	MIL-A-8625,TYII KS W 1138	MIL-A-8625 TY II KS W 1138 II◻	KS W 1138 II◻ MIL-PRF-8625 (MIL-A-8625) TY II
	Anodizing, Hard	AC7108/8	BAC5821 Class I Unseal only	BAC5821 Class I Unseal only			A2PS 160-023 CL A		IFC 40-761-03MD MIL-A-8625, TY III		FEIS 101C	NE 40-016 TY II	MIL-A-8625		MP2303						BPS 4387	PS 309	MIL-A(PRF)-8625,TYIII	MIL-A-8625, TY III	KS W 1138 III◻ MIL-PRF-8625 (MIL-A-8625) TY III
	Anodizing, Titanium	AC7108/8				AIPI 02-01-004		IFMA 865			FEIS 112									ISO 8080					ISO 8080
Coating	Conversion Coating, Aluminum	AC7108/11	BAC5719 MIL-DTL-5541 PS13209 HP4-57	BAC5719 MIL-DTL-5541	MIL-DTL-5541 PS13209 HP4-57	AIPI 02-05-001 ABP 1-5057 (Touch up) AIPI 07-01-006 (E-B) I+D-P-202 80-T-35-1101	A2PS 160-020 A2PS 160-040 Ty 2	IFMA 866	PCS2220 (TUP) MIL-DTL-5541(TUP)	PPS 32.01 BAPS160-020 M&I BAPS160-040 T-UP	FEIS 111	NE 40-006	MIL-DTL-5541	STP 58-405 MIL-DTL-5541	MP2304	MIL-DTL-5541		MIL-C-5541 MIL-DTL-6541	PS233100 PS233200	MIL-DTL-5541	BPS 4182		MIL-DTL-5541	MIL-DTL-5541 AMS 2473	TPS1-418, TPS1-420 MIL-DTL-5541(MIL-C-5541)
	Conversion Coating, Titanium	AC7108/11	BAC5861	BAC5861								NE40-201			MP23016								85MP0516	FA84MP0516 AMS2486	85MP0516 FA84MP0516 AMS2486
	Phosphated Coating	AC7108/11											MIL-DTL-16232 CL2&3			MIL-DTL-16232, Ty Z, Cl 3			PS238110						
	Passivation	AC7108/12	BAC5625 PS13001	BAC5625	PS13001	AIPI 02-05-005 I+D-P-038	A2PS 180-015	IFMA 805	AMS2700, TY 2/6	BAPS 180-015 BAPS 168-008 bake	FEIS 115 PN14.10 Method 2 & 5 AMS 2700 Mehod1 ty6	NE 40-081	AMS 2700 AMS-QQ-P-35		MP2258	ASTM A967	AMS2700	AMS2700	PS231900	AMS2700 AIPS 02-05-005	BPS 4007		AMS-QQ-P-35 AMS2700 KS W 1115 ITF40-742-01MD	AMS 2700 ASTM A967	AMS 2700 AMS-QQ-P-35 (QQ-P-35) ASTM A380 KS W 1115 ITF40-742-01MD
Electro-Plating	Cadmium Plating	AC7108/9	AMS-QQ-P-416 BAC5701 TY I & II	AMS-QQ-P-416 BAC5701 TY I & II		ABP 1-4041,1-4049 M5 ABP 1-5058, 3-1115 I+D-P-115		IFMA 817	PCS2101 (Steel, CRES, Copper)		FEIS 102, S	NE 40-010 NE 40-044 Stress NE 40-045 HE						AMS-QQ-P-416 TY II	PS231000	ABP 1-4041 AMS QQ-P-416	BPS 4006		AMS-QQ-P-416 PCS2101	AMS-QQ-P-416	AMS-QQ-P-416 (QQ-P-416) TPS1-406 KPS 034 PCS 2101
	Cadmium Plating, Low Hvd Emb	AC7108/9	PS13144(A-10)		PS13144(A-10)														PS233400				PCS2100	AMS 2401	PCS2100 AMS 2401
	Cadmium-Titanium Plating, Low Hyd Emb	AC7108/9	BAC5804	BAC5804																					
	Cadmium, Brush										AMS2451												PCS2141		PCS2141
	Chrome Plating	AC7108/9	AMS-QQ-C-320 BAC5709, CL2/3	AMS-QQ-C-320 BAC5709, CL2/3					PCS2111 (Copper) PCS2110		FEIS 106 AMS 2460 AMS-QQ-C-320 HS246 QQ-C-320 PN13.06								PS231200	AMS QQ-C-320			AMS-QQ-C-320, CL 2 AMS2460	AMS2460 AMS-QQ-C-320	AMS 2460 AMS-QQ-C-320 (QQ-C-320)
	Zinc-Nickel Alloy Plating	AC7108/9	BAC5637 AMS2417	BAC5637 AMS2417		AIPS 02-04-006	A2PS 160-034				AMS2417	NE40-168				AMS2417 (MIL-DTL-16232, T-Z, C-3)					BPS 4554			AMS 2417	AMS 2417
	Zinc-Nickel Alloy Plating, Low Hvd Emb	AC7108/9	BAC5680	BAC5680																					
Electroless-Plating	Nickel Plating, Electroless	AC7108/10	AMS-C-26074(A-10)		AMS-C-26074(A-10)	AIPS 02-04-008							MIL-C-26074 AMS-C-26074						PS232500					AMS 2404	
Electroforming	Nickel, Electroforming																								A88MP6302
Chemical Milling	Chemical Milling - AL	AC7108/5	BAC5772 HP18-4 PS20022	BAC5772	HP18-4 PS20022		A2PS 186-000			BAPS 186-000		NE 41-013							PS128100	AIPS 09-03-001	BPS 4389		KDS85MP0151		A88MP0018 KDS85MP0151
	Chemical Milling - Ti																							FA84MP0151	FA84MP0151
Blasting	Blasting	AC7108	BAC5748	BAC5748		AIPI 02-02-002 ABP 1-2344		IFMA 803, KAI	PCS2610	BAPS 180-008					MP22005					AIPS 02-02-002					
Surface Enhancement	Shot Peening	AC7117 AC7117/2/4/5	BAC5730 AMS2430 HP4-36	BAC5730 AMS2430	AMS2430 HP4-36	AIPI02-02-004 ABP 1-2028/-2353 ABP 1-2029 ABP 1-2026			PCS2300 IFC40-737-00MD IFC40-734-01MD AMS2430 8.4.6.1.2	PPS17.03 BAPS185-002		NE 40-072				AMS2430			PS220100 PS220110	ABP 1-2028 AIPS 02-02-004			KDS85MP0132 AMS 2430(GBP)	AMS 2430 AMS-S-13165	
		AC7117 AC7117/4	BAC5730-2	BAC5730-2					PCS2302			NE 40-072													
NDT	(PT) Panetrant Inspection	AC7114 AC7114/1	BAC5423, BSS 7039 NAS 410, BSS 7698 ASTM-E-1417 PS21202 HP6-13	BAC5423, BSS 7039 NAS 410, BSS 7698	NAS 410 ASTM-E-1417 PS21202 HP6-13	AITM 6-1001 ASI 6-10 ABP 6-5230 I+D-E-137	A2PS 176-002	EI 070-09-023 EI 070-09-022 EI 070-09-039 EI 070-18-003	PCS3200 PCS3002-CR	PPS 20.03 BAPS 176-002 BAERD GEN 012	FEIS 701B	NE 07-001	ASTM E 1417	STP 53-201 MIL-STD-6866 ASTM E 1417	MP7511		SPS-104230	ACS-PRS-7005 29259-18	PS810100	AITM 6-1001 ASTM E 1417		PS 1103	85MP0411, 88MP0023 ASTM E 1417 PCS3200 KDS85MP0411	FA84MP0411 ASTM E 1417	85MP0411, FA84MP0411
		AC7114/2	BAC5424 BSS7040 ASTM-E-1444 HP6-5 PS21201	BAC5424 BSS7040	ASTM-E-1444 HP6-5 PS21201	AITM 6-2001	A2PS 176-004		PCS3100			NE 52-001	ASTM E 1444					ACS-PRS-7010	PS810200	ASTM E 1444				ASTM E1444	
	Nital Etch	AC7108/2	PS21205		PS21205	AITM 6-3006 ABP 6-5225			PCS3600		PN16.05												KDS85MP0491	FA84MP0491 AMS 2649	
Painting	Primer & Paint	AC7108/1	BAC5793 BAC5665 PS13375 others	BAC5793 BAC5665 others	PS13375 others	80-T-35-5002/9120/9124 ADET0071 ABP 4-1123/2128/2130 ABP4-1121/2126/6-3204 ABP 1-4044 AIPI 05-02-009/03-03-001/05-02-011 AIPS 05-02-003 varnish AIPI 05-02-017 I+D-P-060, -064	A2PS 138-043/-044/-055 A2PS 157-026	IFMA 389 IFMA 195/IFMA 555 IFMA 447-10/-20/-30/-40 IGC 04-76-100 MIL-DTL-53072	PCS2500 (CAA AL&STL) BAC5882, BAC5725 PCS2530 -steel-cad	PPS 34.03, 34.08, 34.41 PPS31.07 (strip) BAPS 138-043/-044 BAPS138-055, S (cure) BAPS157-026 (BAPS 138-029/-046) (PPS 34.19)	HDS 1360	NE 40-143 NE 40-160 NE 40-162		G604	MP24050 MP24053			SPS-107100 SPS-107360	GSS 4310 GSS 4510 AMS-C-27725 MIL-PRF-46010	PS243701 PS243900 PS244400 PS249150 PS247900 PS243520 PS243500	MIL-PRF-23377 MIL-PRF-85285 AIPS 05-02-009 80-T-35-5002 80-T-35-5106				85MP0001, S1&2 PCS2500, S1&2 RA84MP0004	FA84MP0001	81PS107, 81PS107-3, 8U1MP1001, 8U3MP1029, A88MP0001, FA84MP0001, KPS 061, MIL-DTL-64159, MIL-PRF-23377 (MIL-P-23377), MIL-PRF-85285, MIL-PRF-85582, PCS-2500, KDS85MP0001, KPMP20001, MIL-DTL-53072, TPS 4-112, TPS 4-114, RA84MP0004
	Solid Film Lubricant	AC7108/1	MIL-PRF-46010 BAC5811 Ty VIII	MIL-PRF-46010 BAC5811 Ty VIII			A2PS 161-007 (MIL-L-46010)		MIL-PRF-46010	BAPS 161-007	HDS 1462				MP2617				PS247600				KDS85MP0306 (MIL-L-46010, ES2-58), KAI, S1&2 MIL-PRF-46010	FA84MP0306, S1&2	MIL-PRF-46010 A88MP0011, FA84MP0306, KDS85MP0306, AS5272
Dry Plating	Thermal Spray, HVOF	AC7109 AC7109/1/4/5 AC7109/5							PCS2560 AMS 2448															AMS 2448	
	IVD, Aluminum	AC7108/7	PS13143		PS13143		A2PS 160-042 A2PS 160-043			BAPS 160-043						MIL-DTL-83488							MIL-DTL-83488	MIL-DTL-83488	MIL-DTL-83488
	IVD, Cadmium	AC7108/7	PS13145		PS13145														PS280200				AMS-C-8837	AMS-C-8837 AMS 2426	AMS 2426
Polishing	Polishing						A2PS 136-120 (Manual Ty 1 only)																		
	Polishing, Electrolytic	AC7108/12																					ITF 40-723-01MD		
Grinding	GRINDING - CR								PCS4101 AMS2453																
	GRINDING - HVOF	AC7109/8							PCS4102 AMS2449																
Heat Treatment	Stress Relieve		PS15063(A-10)		PS15063(A-10)		A2PS 168-015 Al & CRES												PS011500						
	De-Hydrogen Embrittlement		PS15063(A-10)		PS15063(A-10)		A2PS 168-006												PS011500						
	Heat Treatment	AC7102 AC7102/5 AC7102/5 AC7102/8	BAC5619 MIL-H-6875	BAC5619 MIL-H-6875		AIPI04-03-001 AIPS04-00-000 AIPS04-00-004 AIPS04-03-001 AIPS04-03-002				BAPS168-015 BAPS168-030															
Assembly	Install Bearing						A2PS 175-004																		
	Install Bushing		BAC5435	BAC5435			A2PS 150-003 A2PS 175-005		PCS5120 PCS5106 MCS102/1103S01	BAPS 175-005 BAPS 150-003															
	Install Riveting						A2PS 151-001 (Manual Rivet only)																		
	SEALING		BAC5000	BAC5000			A2PS 157-028		PCS7200 IFC 30-421-01MD	BAPS 157-028															