

PROCESS SPECIFICATION LIST

Prime	Process	Processing specification			
Leonardo Helicopters	Black oxide for steel	BPS4084 rev.L	STA 100-80-84 rev.B		
Piaggio Aerospace	Black oxide for steel	IQ 010.32.04	AMS 2485L		
Leonardo Helicopters	Brush cadmium plating	STA 100-83-12 rev.B			
Sikorsky Aircraft	Brush cadmium plating	SS8443 rev.1	MIL-STD-865E		
Avio Aero	Cadmium plating	6605F rev.6A	AMS-QQ-P-416G	AMS 2400Y	
Airbus Helicopters	Cadmium plating	EI042 IFMA-817 rev.E			
MBDA Missile Systems	Cadmium plating	DEF STAN 03-4	DEF STAN 03-19		
Leonardo Electronics	Cadmium plating	QTA1201 rev.01 type B grade A			
Piaggio Aerospace	Cadmium plating	IQ 009.85.04	NP 913101	AMS-QQ-P-416G	
Leonardo Helicopters	Cadmium plating (and phosphate post treatment)	STA 100-80-06 rev.D	AMS-QQ-P-416G	BPS4006 rev.U	
Leonardo Aerostructures	Cadmium plating (and phosphate post treatment)	NTA 72170 rev.F	NTA 73653 (type 22) rev.B		
Avio	Chromate (Cr III) treatment for aluminium alloys	MIL-DTL-5541F type II			
MT Aerospace	Chromate (Cr III) treatment for aluminium alloys	MIL-DTL-5541F type II			
Thales Alenia Space	Chromate (Cr III) treatment for aluminium alloys	MIL-DTL-5541F class 1A			
IAI	Chromate (Cr VI) treatment for aluminium alloys	PS233100E			
Leonardo Helicopters	Chromate (Cr VI) treatment for aluminium alloys	AWPS002T rev.C	MIL-DTL-5541F		
Avio Aero	Chromate (Cr VI) treatment for aluminium alloys	6618F rev.8	MIL-DTL-5541F	AMS2473J	
Lockheed Martin	Chromate (Cr VI) treatment for aluminium alloys	22ZP00001J	MIL-DTL-5541F		
Leonardo Electronics	Chromate (Cr VI) treatment for aluminium alloys	SPT-140003 Rev.01 Class 1,2 Type 1			
Parker Aerospace	Chromate (Cr VI) treatment for aluminium alloys	MIL-DTL-5541F type I			
Piaggio Aerospace	Chromate (Cr VI) treatment for aluminium alloys	IQ 009.85.09	NP 913102	MIL-DTL-5541F	
Leonardo Helicopters	Chromate treatment for magnesium alloys	STA 100-80-03 rev.C	AMS-M-3171 type III (18)	BAC 5609 class 1	
Avio Aero	Chromate treatment for magnesium alloys	6604F type II, III rev.6	AMS-M-3171 type VI (18)		
Piaggio Aerospace	Chromate treatment for magnesium alloys	IQ 009.85.08			
Leonardo Helicopters	Chromic acid anodizing	AWPS003T rev.A	MIL-PRF-8625F	AMS2470P	
Avio Aero	Chromic acid anodizing	6607F class 1,2,3 rev.7	MIL-PRF-8625F	AMS2470P	
Pratt & Whitney Canada	Chromic acid anodizing	AMS2470P water sealant	CPW20-1		
Lockheed Martin	Chromic acid anodizing	22ZP00001J	MIL-PRF-8625F type IB		
Leonardo Electronics	Chromic acid anodizing	QTA1403 rev.05 type 1 class 1,2	4he-0027-i rev.B		
Piaggio Aerospace	Chromic acid anodizing	IQ 009.85.03	MIL-PRF-8625F	AMS2470P	
Thales Alenia Space	Chromic acid anodizing	SPR-09-30-001 rev.B			
Leonardo Helicopters	Chromium plating	AMS 2460B	AMS 2438F	AMS 2406P	
Avio Aero	Chromium plating	6602F rev.7	AMS 2406P	QQ-C-320 class 2	
Parker Aerospace	Chromium plating	AMS 2460B	AMS 2438F		
Piaggio Aerospace	Chromium plating	IQ 009.85.06	AMS 2460B		
Leonardo Helicopters	Copper plating	AWPS012T rev.A			
Avio Aero	Copper plating	6636F rev.8A	AMS2418K		
Leonardo Helicopters	Dry film lubricant	STA 100-83-10 rev.D type I, II			
Avio Aero	Dry film lubricant	6803F rev.3			
IAI	Dry film lubricant	PS247600 rev.G1			
Lockheed Martin	Dry film lubricant	MIL-PRF-46010H			
Avio Aero	Electroless Nickel plating	6612F rev.6	AMS 2404J	AMS-C-26074D	

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Lockheed Martin	Electroless Nickel plating	AMS 2404J	AMS-C-26074D		
Rolls Royce	Electroless Nickel plating	AMS 2404J	AMS2405E		
Pratt & Whitney America	Electroless Nickel plating	AMS 2404J			
Leonardo Electronics	Electroless Nickel plating	QTA1301 rev.08 type 2,4			
Piaggio Aerospace	Electroless Nickel plating	NP 913105	AMS 2404J	AMS-C-26074D	
Leonardo Helicopters	Fluorescent penetrant inspection	AWPS006X rev.F	ASTM E 1417-21		
Avio Aero	Fluorescent penetrant inspection	9300F rev.6 SP 6,7,10,11	P3TF47 rev.S5 class A,C,D		
Airbus Helicopters	Fluorescent penetrant inspection	E1070 09-023 rev.F			
Thales Alenia Space	Fluorescent penetrant inspection	SPR-21-10-001 rev.D			
Lockheed Martin	Fluorescent penetrant inspection	LMA-PC201	ASTM E 1417-21		
Leonardo Helicopters	Hard anodizing	STA 100-83-87 rev.B	MIL-PRF-8625F	AMS 2469K	
Avio Aero	Hard anodizing	6617F class 1,2,3rev.6	MIL-PRF-8625F	AMS 2469K	
Lockheed Martin	Hard anodizing	MIL-PRF-8625F type III			
IAI	Hard anodizing	PS231130 rev.K			
Leonardo Electronics	Hard anodizing	QTA1403 rev.05 type 3 class 1	4he-0027-i rev.B		
Parker Aerospace	Hard anodizing	MIL-PRF-8625F type III			
Piaggio Aerospace	Hard anodizing	MIL-PRF-8625F			
Sikorsky Aircraft	Magnesium anodizing (DOW 17)	SS8433 rev.10			
Leonardo Helicopters	Magnesium anodizing (DOW 17)	STA 100-85-09 rev.A			
Avio Aero	Magnesium anodizing (DOW 17)	6647F rev.1	ASTM D1732 (18) cl.II, ty.II	AMS-M-3171 type VI (18)	
Avio Aero	Magnesium anodizing (HAE)	6609F rev.2	ASTM D1732 (18) cl.II, ty.III	AMS-M-3171 type VI (18)	
Avio Aero	Magnesium anodizing (HAE)	AMS-M-45202B			
Leonardo Helicopters	Magnesium anodizing (HAE)	AMS-M-45202B	ASTM D1732 (18) cl.II, ty.III		
Airbus Helicopters	Magnesium anodizing (HAE)	IFMA 571 rev.L			
Avio Aero	Nickel plating	AMS 2403R			
Pratt & Whitney Canada	Nickel plating	AMS 2403R (only for brazing)			
Parker Aerospace	Nickel plating	AMS 2403R			
Leonardo Helicopters	Nickel plating	STA 100-85-01 rev.A			
Piaggio Aerospace	Nickel plating	IQ 009.85.10	AMS 2403R		
Leonardo Aerostructures	Painting	NTA73253 rev.B			
Avio Aero	Painting	6824F rev.4	6807F rev.5	6825F rev.5	6841F rev.3 P6D2 rev.S3
Leonardo Helicopters	Painting	AWPS002V rev.B	STA 100-84-51 rev.I	STA 100-84-64 rev.A	
Airbus Helicopters	Painting	E1042 IFMA-802 rev.D	E1041 IFMA-608 rev.D		
Parker Aerospace	Painting	EPS4124A	EPS4125B	MIL-DTL-18264F	
Piaggio Aerospace	Painting	IQ 009.85.17	NP914001		
Avio Aero	Passivation	6616F rev.6, type II, VI	AMS 2700F type 2, 6	AP1025 type A	
MBDA Missile Systems	Passivation	BS6338 class 2c			
Leonardo Electronics	Passivation	QTA1401 rev.02 type 1,2			
Avio	Passivation	SPCGEN10054 type 6 rev.1			
Parker Aerospace	Passivation	AMS 2700F type 2, 6			
Piaggio Aerospace	Passivation	NP 913601	AMS 2700F type 2, 6		
Avio Aero	Phosphate treatment, manganese base	6608F rev.6	MIL-DTL-16232 rev.H type M cl.1	AMS2481K	

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