



RHEACO INCORPORATED

1801 W. JEFFERSON, GRAND PRAIRIE, TX 75053

CUSTOMER PROCESS APPROVALS

Bell Helicopter Textron:

<u>BPS</u>	<u>Description</u>
4001	Anodize Chromic Acid
4007	Passivation, Procedure 1
4012	Thermal Fit Assembly
4089	Prepenetrant Etch Of Wrought Aluminum Alloys
4089	Inspection, Fluorescent Penetrant, Of Machined Parts (Post Emulsified)
4089	Inspection, Fluorescent Penetrant, Of Machined Parts (Water Washable)
4138	Chemical Cleaning Of Aircraft Materials
4162	Installation And Retention Of Bearings Through Staking
4182	Chemical Film Treatment, Class 1A
4182	Chemical Film Treatment, Class 3
4352	Section VII, Method I – Dry Abrasive Blasting
4359	Welding, Heliarc Of Steel
4402	Bonding Machined Parts
4403	Bonding, Adhesive, Epoxy Based
4404	Welding, Heliarc Of Aluminum
4453	Inspection, Conductivity Of Wrought Aluminum Sheet, Bar, Plate, Forgings & Extrusions To Determine Heat Treat
4467	Hardness Testing
	Approved For Primary Parts
	Machining (Acrylic)
	Machining (Assemblies, Large)
	Machining (Assemblies, Small)
	Machining (Details, Large)
	Machining (Details, Small)
	Machining (Phenolic)
	Machining, Plastics
	Miscellaneous
	Sheet Metal Assemblies (Simple)
	Sheet Metal Details



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Lockheed Martin Aeronautics:

<u>Process Code</u>	<u>Process Description</u>	<u>Remarks And Limitations</u>
110A	MIL-STD-6866/ASTM-E-1417 Penetrant Inspection	
110B	NDTS-1101 Penetrant Inspection	EXCEPT ZONE 1A,1B,1C
110C1	NDTS-1101 Pre-Penetrant Etch - Aluminum	PROCEDURE 4.09-3, PI 18 REV A DATED 03/10/99
111A	STP53-201/LCP72-1068 Penetrant Inspection	
111C	C-0567 Penetrant Inspection	
160	NDTS-1500 / 1501 Hardness Testing	
161	NDTS-1500 / 1502 Conductivity Testing	
164	5PTPCG09 Appendix A Hardness Testing	
165	5PTPCG09 Appendix B Conductivity Testing	
166	5PTPTL19 Hardness / Conductivity of Aluminum	
167	LMA-PC009 Conductivity Testing	
168	LMA-PC009 Hardness Testing	
200A	MIL-A-8625, Type 1 and Type 1B Chromic Acid Anodize	
200B	MIL-A-8625 Type II Sulfuric Acid Anodize	Type 2 Class 1 only.
210	MIL-DTL-5541, Type I and Type III Chem Film	
210A	STP 58-405 Chem Film	Class 1 types 1 and 2 only



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240A	MIL-F-18264 Prime and Paint	
242A	MIL-C-27725/AMS-C-27725 Fuel Tank Coating	BOTH F-16 AND F-22
242B	FPS-1004 Fuel Tank Coating	
401D	AWS D17.1 Fusion Welding	
404B	MIL-W-6858 Resistance Welding	
406A	FPS-1095, Steel Fusion	
406C	FPS-1095, Copper Nickel Alloys Fusion	
406D	FPS-1095, Aluminum Fusion	
408A	2ZZP00013 FUSION WELDING - F-35	
606	AMS-2770 Aluminum	
926	5PTPTT02-D Fracture/Durability Critical Parts	
927	5PTPTT11-A Mission/Safety & Selected Durability Mech Equip	
928	5PTPTT12-B Wind Swept Surface Parts	
932	2ZZP00006 ASIP/MESIP Critical Parts - F-35	Applies to F/M critical only unless otherwise directed by the Drawing to include Normal Control Parts, Other/expendable parts, and Durability Critical installation hardware.



CUSTOMER PROCESS APPROVALS

Lockheed Martin Missiles & Fire Control:

<u>Cert Code</u>	<u>Description</u>
C2W	AMS 2700 - PASSIVATION OF CORROSION RESISTANT STEEL, METHOD 1, TYPE 2
C69	AMS/MIL-C-5541E ALUMINUM CHEMICAL FILM CLASS 1A
C70	AMS/MIL-C-5541E ALUMINUM CHEMICAL FILM CLASS 3
F06	MIL-STD-186 PROTECTIVE FINISHING - CODE 216 ONLY
F07	MIL-STD-186 PROTECTIVE FINISHING - CODE 407 ONLY
F08	MIL-STD-186 PROTECTIVE FINISHING - CODE 448 ONLY
F09	MIL-STD-186 PROTECTIVE FINISHING - CODE 408 ONLY
Q61	AS9100 QMS - DESIGN EXCLUSION
W10	AMS/MIL-STD-2219 GAS WELDING CARBON STEEL
W11	AMS/MIL-STD-2219 ARC WELDING CARBON STEEL
W12	AMS/MIL-STD-2219 MIG WELDING CARBON STEEL
W13	AMS/MIL-STD-2219 TIG WELDING CARBON STEEL
W14	AMS/MIL-STD-2219 ARC WELDING SS ALLOYS
W15	AMS/MIL-STD-2219 MIG WELDING STAINLESS ALLOYS
W16	AMS/MIL-STD-2219 TIG WELDING STAINLESS ALLOYS
W19	AMS/MIL-STD-2219 INERT ARC-MIG WELDING ALUMINUM
W1E	AWS D17.1 FUSION WELDING, GAS TUNGSTEN ARC WELDING
W1F	AWS D17.1 FUSION WELDING, GAS METAL ARC WELDING
W1K	508-17-33 FUSION WELDING FOR AEROSPACE APPLICATION
W1L	AWS D17.1 FUSION WELDING PERSONNEL QUALIFICATION
W20	AMS/MIL-STD-2219 INERT ARC-TIG WELDING ALUMINUM
W31	AMS/MIL-STD-2219 FUSION WELD UNSPECIFIED
W34	AMS/MIL-STD-2219 FUSION WELDING FOR AEROSPACE APPL
W68	AMS/MIL-STD-1595 QUALIFICATION OF FUSION WELDERS