



SEMAN – PERU
REPAIR STATION MANUAL

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APPENDIX “A” – CAPABILITY LIST

LIST OF EFFECTIVE PAGES

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List of Effective Pages	A-i	2	01-23-2013
Airframe	A-1	1	05-03-2012
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Non Destructive Testing	A-3	0	12-28-2011
Instruments	A-4	0	12-28-2011
Radio	A-5	0	12-28-2011
Powerplant	A-6	0	12-28-2011
Accessories	A-7	0	12-28-2011
Landing Gear	A-8	2	01-23-2013

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CAPABILITY LIST - AIRFRAME

MANUFACTURER	MODEL	DESCRIPTION	PART NUMBER	ATA COD	LIMITATIONS
BOEING AIRCRAFT	B-727 SERIES	TRANSPORT AIRCRAFT	---	---	CHECK “C” AND BELOW
BOEING AIRCRAFT	B-737 200, 300, 400, 500	TRANSPORT AIRCRAFT	---	---	CHECK “C” AND BELOW
BOEING AIRCRAFT (DOUGLAS DIVISION)	DC-8 SERIES 60 AND SERIES 70	TRANSPORT AIRCRAFT	---	---	CHECK “D” AND BELOW
BOEING AIRCRAFT COMPANY (DOUGLAS DIVISION)	DC-10 SERIES	TRANSPORT AIRCRAFT	---	---	CHECK “D” AND BELOW
LOCKHEED CORPORATION	L-382-G AND E	TRANSPORT AIRCRAFT	--	---	CHECK “C” AND BELOW
BOEING AIRCRAFT	B-767-200 AND 300	TRANSPORT AIRCRAFT	--	--	CHECK “C” AND BELOW

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CAPABILITY LIST – AIRFRAME COMPOSITE REPAIR

GENERIC	AIRCRAFT MODEL	PARTS DESCRIPTION	REMARKS
FLIGHT CONTROLS	B727 Series, B 737 Model, 200, 300,400 and 500 DC8 SERIES, DC 10 SERIES B 767 -200 and 300	AILERON AND AILERON TABS, RUDDERS AND RUDDER TABS, ELEVATOR AND ELEVATOR TABS, SLATS, LEADING EDGE FLAPS, TRAILING EDGE FLAPS AND TRACKS, VANES, (FIXED AND MOVEABLE), SPOILERS AND PANELS	IN ACCORDANCE WITH MANUFACTURER'S DETAILED INSTRUCTIONS
DOORS	IDEM	LANDING GEAR DOORS, ACCESS DOORS	
FUSELAGE	IDEM	WING TO BODY FAIRING, FIXED FUSELAGE PANELS, TAIL CONE	
FUSELAGE INTERIOR	IDEM	CABIN FLOOR PANELS, GALLEY FLOOR PANELS, LAVATORY FLOOR PANELS, SIDEWALL PANELS, CEILING PANEL, COCKPIT DOORS, CARGO LINK DOOR	
HORIZONTAL/VERTICAL STABILIZERS	IDEM	HORIZONTAL/VERTICAL STABILIZERS, BONDED PANELS, DORSAL FIN FAIRING, FIN TIP FAIRING, STABILIZER TIP FAIRING, FIXED TRAILING PANELS	
WING	IDEM	BONDED PANELS, FIXED TRAILING EDGE PANELS, FAIRING WING ACCESS DOORS	
POWERPLANT COMPONENTS	IDEM	THRUST REVERSER ASSEMBLIES AND DOORS, ENGINE NOSE COWLS AND COWLINGS, FAIRINGS	

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CAPABILITY LIST – NON DESTRUCTIVE TESTING

MANUFACTURER	MODEL	DESCRIPTION	PART NUMBER	ATA COD	LIMITATIONS
—	—	MAGNETIC PARTICLE	—	—	INSPECTION IAW ASTM-E-1444, AS REVISED
—	—	LIQUID PENETRANT	—	—	FLUORESCENT PENETRANT AND VISUAL PENETRANT INSPECTION IAW ASTM-E-1417, SNT-TC-1A OR MIL-STD-6866, AS REVISED
—	—	EDDY CURRENT	—	—	LOW AND FREQUENCY INSPECTION IAW MIL-410, AND MIL-HDBK-728/2, AS REVISED
—	—	ULTRASONIC	—	—	SURFACE AND SUB-SURFACE INSPECTION FOR ALUMINIUM, STEEL, ALLOY METALS, COMPOSITE MATERIALS, DELAMINATION, AND MOISTURE CONTAMINATION INSPECTION IAW ASTM-E-317, SNT-TC-1A, OR MIL-STD-2154, AS REVISED
—	—	RADIOGRAPHIC	—	—	INSPECTION IAW ASTM-1742, AS REVISED

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CAPABILITY LIST – INSTRUMENTS

MANUFACTURER	MODEL	DESCRIPTION	PART NUMBER	ATA COD	LIMITATIONS
ALTIMETER SYSTEM TEST AND INSPECTION	---	---	---	---	Perform static pressure system test and inspection in accordance with FAR 43, appendix E, paragraph a, c and d.

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CAPABILITY LIST – RADIO

MANUFACTURER	MODEL	DESCRIPTION	PART NUMBER	ATA COD	LIMITATIONS
TRANSPONDER TEST AND INSPECTION	--	--	---	---	Test and inspect installed transponder equipment in accordance with FAR 43, appendix F

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CAPABILITY LIST – POWERPLANT

MANUFACTURER	MODEL	DESCRIPTION	PART NUMBER	ATA COD	LIMITATIONS
PRATT & WHITNEY	JT3D SERIES	TURBO FAN	---	71,72	Authorization for the engines are inspection, minor adjustments, removal and installations of engine, accessories and components (on wing). This is further limited to those engines that are installed on the previously mentioned airframes. Disassembly of major engines sections or modules is not authorized.
PRATT & WHITNEY	JT8D SERIES	TURBO FAN	---	71,72	
ROLLS ROYCE ALLISON	501-D22A SERIES	TURBO PROP	---	71,72	
ROLLS ROYCE ALLISON	RB-211 SERIES	TURBOFAN	---	71, 72	
CFM INTERNATIONAL	CFM56 SERIES	TURBO FAN	---	71, 72	Engine inspections, minor adjustment, removal and installations of engine, accessories and components (on wing). This is further limited to those engines that are installed on the previously mentioned airframes. Disassembly of major engines sections or modules is not authorized.
GENERAL ELECTRIC	CF-6-6 & CF-6-50 CF-6-80 SERIES	TURBO FAN	---	71,72	Authorization for the engines are inspection, minor adjustments, removal and installations of engine, accessories and components (on wing). This is further limited to those engines that are installed on the previously mentioned airframes. Disassembly of major engines sections or modules is not authorized.

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CAPABILITY LIST – ACCESSORIES

MANUFACTURER	MODEL	DESCRIPTION	PART NUMBER	ATA COD	LIMITATIONS
MARATHON BATTERY	---	NICKEL-CADMIUM BATTERY	ALL TYPES AND MODELS ACCORDING TO OMM 24-34-00, 24-34-08, 34-41-04, 24-34-15	24	Capacitance test, inspection and maintenance, replacement of cells and charge and discharge
SAFT BATTERY	---	NICKEL-CADMIUM BATTERY	ALL TYPES AND MODELS ACCORDING TO THE CURRENT MANUFACTURERS’ MANUALS	24	
AERODESIGN	---	NICKEL-CADMIUM BATTERY	ALL TYPES AND MODELS ACCORDING TO THE GENERAL INFORMATION MANUAL BWI 4.19.50	24	
VARTA	---	NICKEL-CADMIUM BATTERY	ALL TYPES AND MODELS ACCORDING TO MAINTENANCE AND OVERHAUL MANUAL 5-30-03	24	

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CAPABILITY LIST – LANDING GEAR

MANUFACTURER	MODEL	DESCRIPTION	PART NUMBER	ATA COD	LIMITATIONS
BOEING COMPANY	B737 (NG & CL) gears B767 all series	LANDING GEAR COMPONENTS OVERHAUL (Inspection, operational test, repair and functional test)	---	---	Excluding wheels and brakes.

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