

N _____ S/N _____ M-18 _____ Date _____						
Item	Description	Check	Remove	Repair	Replace	Complete
1	Engine Cowling (All)		X			
2	All Inspection Plates		X			
3	Most Fairings Where Necessary		X			
	Clean/Lube & Check Rubber Channels	X				
	Missing Screws	X				
4	Seat & Back Cushion Assy.		X			
	Clean Fuselage Bay Area			X		
	Check Battery Level	X				
5	Engine Compartment					
	Check Rubber Mounts	X				
	Engine Mounting Bolts (Pin)	X				
	Tighten Oil Sump Screws			X		
	Tighten Top Plate Cover			X		
	Generator Mounting Bolts, Belt & Wiring	X				
	Primer Lines	X				
	Regulator Mounting Bolts, Screws & Wiring	X				
	Fuel Line Hose & Clamps	X				
	Throttle Control Assy.	X				
	Gascolator Assy. Fittings & Gas Lines	X				
	Landing Gear Electric System	X				
	Magneto Timing & Alignment	X				
	Remove & Clean Plugs		X		X	
	Differential Pressure Readings					
	No. 1 / 80 Lb.	X				
	No. 2 / 80 Lb.	X				
	No. 3 / 80 Lb.	X				
	No. 4 / 80 Lb.	X				
	Exhaust Clamps & Tighten	X		X		
	Manifold Clamps & Tighten	X		X		
	Pressure Tube Clamp	X		X		
	Replace 4 Qts. Oil Weight:		X		X	

Item	Description	Check	Remove	Repair	Replace	Complete
6	Instrument Compartment					
	Check For Broken/Loose Wires	X				
	Check Tach Cable & Adapter	X				
	Check Radio Cables	X				
	Pitot & Static System	X				
	Misc. Instruments & Connections	X				
7	Cockpit Area					
	Stick Attachment & Lube	X		X		
	Rudder Cables Attachment	X				
	Elevator Cables Attachment - Lube Pulleys	X		X		
	Fuel Gauge Wiring	X				
	Avionics Fuses	X				
	Lube Trim Chain	X		X		
	Shoulder Harness & Seat Belts	X				
	Lube Landing Gear Push Rods	X		X		
	Vacuum Baggage & Cockpit Area			X		
	Misc. Antenna Connections	X				
	Fuel Tank, Lines, Fittings	X				
8	Wing					
	Aileron Push Tubes & Rod End	X		X		
	Bearings - Lube					
	Drain Holes – Clean & Clear	X		X		
	Aileron Pins – Check & Lube:					
	Left Aileron	X		X		
	Right Aileron	X		X		
	Flap Pins – Check & Lube:					
	Left Flap	X		X		
	Right Flap	X		X		
	Inspection Holes – Look See	X				
9	Nose Gear Assembly					
	Bolts, Nuts, Cotter Pins	X				
	Clean & Lube All Hardware	X		X		
	Gear Door Pins (Secured)	X				
	Over-Center Lock Down Position -					
	For Minimum Tolerance Play	X				
	Gear Handle Play	X				
	Tire Inflation/Grease Wheel Bearings	X	X	X		
	Cycle Gear	X		X		

Item	Description	Check	Remove	Repair	Replace	Complete
10	Main Gear Assemblies					
	Right Gear					
	Bolts, Nuts, Cotter Pins	X				
	Clean & Lube All Hardware	X		X		
	Gear Door Pins (Secured)	X				
	Over-Center Lock Down Position -					
	For Minimum Tolerance Play	X				
	Tire Inflation/Grease Wheel Bearings	X	X	X		
	Cycle Gear	X		X		
	Left Gear					
	Bolts, Nuts, Cotter Pins	X				
	Clean & Lube All Hardware	X		X		
	Gear Door Pins (Secured)	X				
	Over-Center Lock Down Position -					
	For Minimum Tolerance Play	X				
	Tire Inflation/Grease Wheel Bearings	X	X	X		
	Cycle Gear	X		X		
11	Fuselage Lower Section					
	Strobe Light Assy. & Wiring	X				
	Lube Flap Linkage	X				
	Battery Attachment Assy. & Water	X				
	Battery Over-Flow Tubing	X				
	Misc. – Clean Dirt, etc.	X				
12	Fuselage Rear Tailcone Section					
	Rudder Cable Pulley & Clearances	X		X		
	Elevator Cable & Attachments	X		X		
	Elevator Push Rod End Bearings	X		X		
	Trim Chain & Gear Assy.	X		X		
	Trim Assy. Hardware	X				
	Longeron Attachment Fittings For Cracks -					
	(Upper & Lower)	X				
	Misc. Clean & Vacuum	X		X		
13	Stabilizer Assy. & Stinger					
	Attachment Brackets & Bolts – Lube	X		X		
	Vertical Attachment Bolts & Nuts	X				
	Rudder Cable Clearances	X				
	Misc. – Check & Clean All Parts	X				
	Elevator Hinge Pins – Lube	X		X		

Item	Description	Check	Remove	Repair	Replace	Complete
14	Fin & Rudder Assy.					
	Fin Attachment Bolts	X				
	Lube Rudder Hinge Bolts	X		X		
	Misc.	X				
15	Misc. Inspection					
	Lube Canopy Roller Bearings	X		X		
	Windshield Hardware	X				
	Clear Gas Vent Tube	X				
	Pitot Tube Assy.	X				
	Running Lights	X				
	Prop Bolts & Safety Wire	X				
	Prop Alignment & Condition	X				
	Oil – Change	X		X		
	Safety Drain Plug	X		X		
	Check Fabric – Cracks, etc.	X				
	Touch-Up					
	Engine Parts			X		
	Nose Gear			X		
	Wheels			X		
16	AD's					
	AD 79-11-5 R1 (36 Months)					
	AD 79-18-7 (36 Months)					
	AD 76-7-12 (100 Hour)					
	AD 78-9-7 (500 Hour)					

Last Updated on 29/12/02

By Dave Rutherford

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