

Aircraft Tech

N# _____ Tach _____ Date _____
 A/C Make _____ Model _____ AFTT: _____
 Engine Make _____ Model _____ ENGTT: _____ TSO _____
 Prop Make _____ Model _____ PROPTT: _____ TSO _____

Inspectors
 Initials

<i>Airframe:</i>	<input type="checkbox"/> Fabric and skin—for deterioration, distortion, other evidence of failure, and defective or insecure attachment of fittings. Systems and components, for improper installation, apparent defects, and unsatisfactory operation.
<i>Cabin and cockpit group:</i>	<input type="checkbox"/> Generally—for uncleanliness and loose equipment that might foul the controls. <input type="checkbox"/> Seats and safety belts—for poor condition and apparent defects. <input type="checkbox"/> Windows and windshields—for deterioration and breakage. <input type="checkbox"/> Instruments—for poor condition, mounting, marking, and (where practical) for proper operation. <input type="checkbox"/> Flight and engine controls—for improper installation and improper operation. <input type="checkbox"/> Batteries—for improper installation and improper charge. <input type="checkbox"/> All systems—for improper installation, poor general condition, and apparent obvious defects, and insecurity of attachment. <input type="checkbox"/> TCDS: Required Placards <input type="checkbox"/> Airworthiness Certificate <input type="checkbox"/> Registration <input type="checkbox"/> Pilots operating handbook- for current weight and balance equipment list.
<i>Engine and nacelle group:</i>	<input type="checkbox"/> Engine section—for visual evidence of excessive oil, fuel, or hydraulic leaks, and sources of such leaks. <input type="checkbox"/> Studs and nuts—for security & obvious defects. <input type="checkbox"/> Internal engine—for cylinder compression and for internal passages or foreign matter on screens and sump drain plugs. <input type="checkbox"/> Engine mount—for cracks, looseness of mounting, and looseness of engine to mount. <input type="checkbox"/> Flexible vibration dampeners—for poor condition and deterioration. <input type="checkbox"/> Engine controls—for defects, improper wiring, and improper safetying. <input type="checkbox"/> Lines, hoses, and clamps—for leaks, improper condition and looseness. <input type="checkbox"/> Exhaust stacks—for cracks, defects, and improper attachment. <input type="checkbox"/> Accessories—for apparent defects in security of mounting. <input type="checkbox"/> All systems—for improper installation, poor general condition, defects, and insecure attachment. <input type="checkbox"/> Cowling & Cowl Flaps—for cracks and defects and operation.
<i>Landing gear group:</i>	<input type="checkbox"/> All units—for poor condition and insecure attachment. <input type="checkbox"/> Shock absorbing devices—for proper oleo fluid level. <input type="checkbox"/> Linkages, trusses, and struts—for undue or excessive wear fatigue, and distortion. <input type="checkbox"/> Retracting and locking mechanism—for improper operation. <input type="checkbox"/> Hydraulic lines—for leaks. <input type="checkbox"/> Shimmy Damper—for leakage, and operation <input type="checkbox"/> Electrical system—for wiring and improper operation of switches. <input type="checkbox"/> Wheels—for cracks, defects, and condition of bearings. <input type="checkbox"/> Tires—for wear and cuts. <input type="checkbox"/> Brakes—for improper adjustment. <input type="checkbox"/> Floats and skis—for insecure attachment and obvious or apparent defects. <input type="checkbox"/> Landing Gear operational tests requirements obtained from aircraft service manual _____.
<i>Empennage assembly</i>	<input type="checkbox"/> For poor general condition, fabric or skin deterioration, distortion, evidence of failure, insecure attachment, improper component installation, and improper component operation. <input type="checkbox"/> Control Movement and Stops <input type="checkbox"/> Control Cable Tensions

	Wing and center section assembly
	<input type="checkbox"/> For poor general condition, fabric or skin deterioration, distortion, evidence of failure, and insecurity of attachment. <input type="checkbox"/> Control Movement and Stops <input type="checkbox"/> Control Cable Tensions
	Propeller group:
	<input type="checkbox"/> Propeller assembly—for cracks, nicks, binds, and oil leakage. <input type="checkbox"/> Bolts—for improper torquing and lack of safeying. <input type="checkbox"/> Anti-icing devices—for improper operations and obvious defects. <input type="checkbox"/> Control mechanisms—for improper operation, insecure mounting, and restricted travel.
	Radio group:
	<input type="checkbox"/> Radio and electronic equipment—for improper installation and insecure mounting. <input type="checkbox"/> Wiring and conduits—for improper routing, insecure mounting, and obvious defects. <input type="checkbox"/> Bonding and shielding—for improper installation and poor connection. <input type="checkbox"/> Antenna including trailing antenna—for poor condition, insecure mounting, and improper operation.
	Each installed miscellaneous item that is not otherwise covered by this listing for improper installation and improper operation.
	<input type="checkbox"/> Each installed miscellaneous item that is not otherwise covered by this listing for improper installation and improper operation. This includes any field applied STC alterations – Required 337, weight and balance and equipments lists, AFM supplements and A's.
	Final Run Up
	<input type="checkbox"/> Walk around Inspect all panels have been installed properly <input type="checkbox"/> All AD's Complied With <input type="checkbox"/> All Squawks are signed off <input type="checkbox"/> Review Technician Check Sheet <input type="checkbox"/> STATIC RPM _____ <input type="checkbox"/> IDLE RPM _____

SAMPLE