

# Aircraft Tech

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

Inspectors  
 Initials

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

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

SAMPLE