

1. Cowl Doors

Battery switch ON
 Oil pressure and alternator lights ON
 Warning light test switches Push to test
 EMU (if installed) Check status
 Fuel quantity Check gages
 Battery switch OFF
 Aux fuel tank quantity Check
 Fuel filler cap Tight
 Aux fuel tank No leaks
 Fuel lines No leaks
 Fuel tank sump drain(s) Sample
 Gearbox oil Full, no leaks
 Rotor brake Actuation normal
 Flex coupling No cracks, nuts secure
 Yoke flanges No cracks
 Gearbox Telatemp Normal
 Sprag clutch No leaks
 Static source Clear
 Control rod ends Free without looseness
 Steel tube frame No cracks
 All fasteners Secure
 Tail rotor control No interference
 Cowl doors Latched

2. Engine Right Side

Carb air ducts Secure
 Carb heat scoop Secure
 Engine sheet metal No cracks
 Electrical terminals Tight
 Fuel line No leaks
 Oil cooler door Check
 Oil lines No leaks or chafing
 Exhaust system No cracks
 Engine general condition Check
 V-belt condition Check
 V-belt slack 1.5 inches (4 cm) maximum
 Sprag clutch No leaks
 Upper bearing No leaks
 Telatemp – upper bearing Normal
 Upper Sheave Condition. Check
 Lower sheave groove wear. Smooth and uniform
 Flex coupling No cracks, nuts secure
 Yoke flanges No cracks
 Steel tube frame No cracks
 Tail rotor control No interference

3. Engine Rear

Cooling fan nut Pin in line with marks
 Cooling fan No cracks
 Fan scroll No cracks
 Teletemps – lower bearing Normal
 Lower bearing No leaks

4. Empennage

Tail surfaces No cracks
 Fasteners Secure
 Position light Check

5. Tail Rotor

Gearbox Telatemp Normal
 Gearbox Oil visible, no leaks
 Blades Clean and no damage/cracks
 Pitch links No looseness
 Teeter bearings Check condition
 Teeter bearing bolt Does not rotate
 Control bellcrank Free without looseness

6. Tailcone

Skins No cracks or dents
 Strobe light condition Check
 Antenna Check

7. Engine Left Side

Engine oil 4-6 qt
 Oil filter (if installed) Secure, no leaks
 Fuel lines No leaks
 Gascolator drain Sample
 Throttle linkage Operable
 Battery and relay (if located here) Secure
 Alternator belt tension Check
 Steel tube frame No cracks
 Engine sheet metal No cracks
 Exhaust system No cracks
 Engine general condition Check

8. Main Fuel Tank

Quantity Check
 Filler cap Tight
 Leakage None

9. Main Rotor**CAUTION**

Do not pull down on blades to teeter rotor. To lower a blade, push up on opposite blade.

Blades Clean and no damage/cracks

CAUTION

Verify erosion on lower surface of blades has not exposed skin-to-spar bond line. Reference Rotor Systems description in Section 7 of the Pilot's Operating Handbook.

Pitch change boots No leaks
 Main hinge bolts Cotter pins installed
 All rod ends Free without looseness
 All fasteners Secure
 Swashplate scissors No excessive looseness

10. Fuselage Left Side

Baggage compartment Check
 Removable controls Secure if installed
 Collective control Clear
 Seat belt Check condition and fastened
 Door Unlocked and latched
 Door hinge safety pins Installed
 Landing gear Check
 Position light Check

11. Nose Section

Pitot tube Clear
 Windshield condition and cleanliness Check
 Landing lights Check
 Yaw string Check

12. Fuselage Right Side

Landing gear Check
 Position light Check
 Door hinge safety pins Installed
 Baggage compartment Check