

R66 PILOT'S CHECKLIST

BEFORE STARTING ENGINE

Seat belts Fastened
Fuel valve ON, guard installed
Cyclic/collective friction OFF
Cyclic, collective, pedals Full travel free
Collective Full down, friction ON
Cyclic Neutral, friction ON
Pedals Neutral
Rotor brake Disengaged
Circuit breakers In
Cabin heat, anti-ice, pitot heat OFF
Landing lights OFF
Avionics, generator switches OFF
Altimeter Set
Hydraulic switch ON

STARTING ENGINE AND RUN-UP

Battery, strobe switches ON
Igniter (key) Enable
Area Clear
Fuel cutoff **Pull OFF**
Throttle **Closed**
Start button Push and release, begin timing
 N_1 15%, increasing
MGT Below 150°C
Fuel cutoff Push ON
Successful ignition Within three seconds
MGT Monitor, observe limits
25% N_1 Main rotor rotating
Oil pressure Increasing
 N_1 Stable at 65 to 67%
Fuel cutoff guard Install, begin timing idle
Ground power (if used) Disconnect
Generator ON
Avionics switch, headsets ON
Annunciator panel test All lights on
Engine anti-ice check Annunciator light
Doors Closed and latched
Cyclic/collective friction OFF
Hydraulic system Check
Lift collective slightly Low RPM horn
Warm-up Verify at least one minute idle
Throttle Increase slowly to full open
 N_1 deceleration check as desired
 N_2/R Stable at 100% (beep as required)
Annunciator lights Out
Engine gages Normal operating range