

ROBINSON R22 NORMAL CHECKLISTS

BEFORE STARTING ENGINE

Seat beltsFastened
Fuel shutoff valve ON
Cyclic/collective friction..... OFF
Controls freedom of travelChecked
Throttle..... Full travel and CLOSED
Collective..... Down and friction ON
CyclicCentred and friction ON
Pedals..... NEUTRAL
Landing Light OFF
Governor..... ON
Circuit breakers IN
Carb heat OFF
Mixture..... Full RICH
Mixture guardInstalled
Clutch..... DISENGAGED
Master Switch ON
OAT..... Note temperature
MAP ChartChecked
Rotor brake DISENGAGED

STARTING ENGINE

CAUTION

ENSURE THROTTLE IS CLOSED WHEN STARTING ENGINE

SHUT DOWN ENGINE IF MINIMAL OIL PRESSURE IS NOT
REACHED WITHIN 30 SECONDS OF ENGINE START

Throttle..... Twist and prime (As required)
Throttle..... **CLOSED**
Area..... Cleared
Strobe light..... ON
Ignition switch..... START, then BOTH
Starter light..... OUT
Oil pressure light OUT
Clutch switch..... ENGAGED
Alternator..... ON
Set engine RPM 50 – 60%

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STARTING ENGINE (CON'T)

Blades turning..... In less than 5 seconds
Avionics & Headsets..... ON
Wait for Clutch light..... OUT
Set engine RPM..... 70 – 75%

RUN UP

RadioListens to ATIS
AltimeterSet
Alternator check..... Check light and Ammeter
Engine gauges GREEN
Throttle..... Set 75% RPM
Magneto check..... 7% Max in 2 seconds
Carb heat check..... CAT rise and RPM drop
Sprag clutch check..... Needles split
DoorsCLOSED and LATCHED
Direction Indicator.....Set
Attitude IndicatorSet
Cyclic/Collective friction OFF
Governor..... ON
Throttle openAllow 102-104% RPM
Warning lights..... OUT
Reduce RPM, Lift Collective Low RPM horn/Light at 97%

SHUTDOWN

Collective down, 70 - 75% RPM.....Friction ON
Cyclic neutralFriction ON
Pedals..... NEUTRAL
CHT dropWait minimum 2 minutes
Throttle..... CLOSED
Clutch switch..... DISENGAGED
Wait 30 seconds.....Mixture OFF, Guard ON
Wait 30 seconds..... Apply rotor brake
Clutch light off.....All switches OFF
