

# FlightGear – Robinson R22 Checklist

(not all functions below are implemented yet)

## PRE-START

● Seat Belts	Fastened
● Fuel shut-off valve	On
● Cyclic/collective friction	Off
● Cyclic/collective, pedals	Full travel free
● Throttle	Full travel free
● Collective	Full down , friction on
● Cyclic neutral	Friction on
● Pedals	Neutral
● Governor	Off (if equipped)
● Circuit breakers	In
● Carb heat	Off
● Mixture	Full rich
● Mixture guard	Installed
● All switches/avionics	Off
● Clutch	Disengaged
● Altimeter	Set
● Rotor brake	Disengaged
● Map light	Off

## START-UP

● Master switch	On
● Throttle twists (priming)	As required
● Throttle	Closed
● Area	Clear
● Strobe light	On
● Ignition switch	Start, then both
● Started-On light	Out
● Set idle speed	55%
● Clutch switch	Engaged
● Alternator switch	On
● Oil pressure in 30 sec.	25 psi min.
● Avionics/nav lights	On
● Clutch light	Out
● Warm-up RPM	70-75 %
● Engine gauges	Green
● Warning lights	Out
● Mag drop @ 75% RPM	7% max in 2 sec.
● Carb heat check	CAT rise/drop
● Sprag clutch check from 75% rpm	Needles split
● Doors	Closed and latched
● Limit MAP chart	Check
● Cyclic/collective friction	Off
● Governor on	RPM 102 – 104 %
● Lift collective /reduce RPM	Warning horn/light at 97 % RPM

(Note: This chart is for simulation purposes only )