

# 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 )