

PREFLIGHT INSPECTION

Logbook CHECK
Oil Qty MIN 6 gals.
Harness Front Cockpit (if solo) SECURED
Master, Mags, Electrical Switches OFF
Fuel sumps (3) DRAIN & CHECK
Pitot Tube Cover REMOVE
Prop Pull through min 6 blades

BEFORE START

Mag Switch OFF
Electrical Switch OFF
Mixture LEAN CUTOFF
Prop FULL AFT
Fuel Valve ON

START

Prop Pulled Through
Prime max 2x (COLD START), 1x (HOT)
Mixture RICH
Throttle Open 1 cm
Mag Switch BOTH
Master Switch ON
Starter ENGAGE
Oil Pressure @idle rpm MIN 10psi
Prop after 1 min. or min 10 psi oil press
FULL FWD
Idle for Warm-Up (30°C) 800-1000 rpm

AFTER START

Radio ON
Transponder ON/ALT
Flight Controls FREE & CLEAR

BEFORE TAKEOFF & RUNUP

Mixture RICH
Throttle (oil press 55-90psi) 1900 rpm
Mag Check COMPLETE
Prop CYCLE (3x)
Carb Heat CHECK
Throttle IDLE (600-700rpm)
Trim SET for Takeoff
Harness both cockpits SECURE

TAKEOFF

Mixture FULL RICH
Prop FULL FWD
Throttle RECOMMENDED 32"
MAX 36"

CLIMB

Speed 75 mph
Throttle MAX 30"
Prop 1900 rpm

Cruise setting

Throttle 23"
Prop 1800 rpm
Mixture AS REQ.

DECENT

Mixture ENRICH

LANDING

Mixture FULL RICH
Prop FULL FWD
Carb heat AS REQ.
Speed 75 mph

SHUTDOWN

Radios, Transponder OFF
Prop FULL AFT
Mixture LEAN CUT OFF
Mags (when engine stopped) OFF
Master, Electrical Switch OFF