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

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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