

LEFT WING

Fuel vent..... CHECK
Fuel vent..... DRAIN
Fuel tank..... DRAIN (2x)
Fuel quantity CHECK
Wing surface CHECK CONDITION
Fuel filler cap CHECK TIGHT
Standing water in filler well REMOVE
Pitot tube cap..... REMOVE
Pitot - static tube CHECK CLEAN
Pitot heat CHECK
Wing tip..... CHECK
Tie-down and Control lock REMOVE
Position light CHECK
Anti-Collision light CHECK
Aileron and hinges CHECK
Flap and hinges CHECK

FUSELAGE

Damage CHECK
All antennas CHECK

EMPENNAGE

Fins and control surfaces..... CHECK
Mass balances..... CHECK
Trim tab CHECK
Tie-down and Control lock REMOVE

EXTERNAL POWER (Only if required)

BATTERY and AVIONIC MASTER..... OFF
Polarity of power supply plug CHECK
Power supply CONNECT

BEFORE ENGINE START

Seat and pedals ADJUSTED
Seat belts and harnesses APPLIED AND FASTENED
Parachute halyard HOOKED
Headset ADJUSTED AND CONNECTED
Canopy closed and locked CHECK
PARKING BRAKE SET
BATTERY ON
BUS TIE MAN
AVIONIC MASTER OFF
Volume and squelch ADJUSTED
Oil press warning lamp (check 3 sec after BATT: ON) CHECK ON
Engine instruments CHECK
Fuel quantity for the planned flight INIT
Mixture LEAN
Propeller lever FULL FORWARD
Throttle IDLE
Operating levers SET FRICTION
Trim NEUTRAL

WARNING

Always switch OFF the AVIONIC MASTER switch during start up for better service life of avionics equipment.

ENGINE START

Mixture level LEAN
Propeller lever HIGH
Throttle APPROX. 30 %
(if outside temperature > 30 °C: throttle 50 %)
Electrical FUEL PUMP ON
Mixture lever (CHT ≤ 65°: cold engine → 5 – 10 sec
CHT > 65°: warm engine → 2 – 5 sec) ... FULL RICH
Mixture lever LEAN
Electrical FUEL PUMP OFF (SEE NOTE)
Brake pedals PRESSED
Propeller area CLEAR
Ignition START
(accord. to starter limitations) and set to BOTH after engine fires
Mixture lever FULL RICH SLOWLY STEP BY STEP
Throttle SET 1000 – 1200 RPM
Oil pressure CHECK
ALTERNATOR ON
Voltage indication and alternator warning light OFF CHECK

WARNING

**If the oil pressure does not reach 25 psi (yellow arc) within 30 sec, stop the engine.
Do not restart until the cause has been rectified.**