



SUPER DECATHLON 8KCAB CHECKLIST VH-UPG

PRE-START

Preflight Inspection COMPLETE
 Cabin Door CLOSED and LATCHED
 Front SeatADJUSTED and SECURE
 Harnesses SECURE
 - Check interference with pedals
 - Vacant harness secure and SAFE
 Controls CHECK FULL, FREE & CORRECT
 - Passenger may limit aft stick
 Fuel Shut-off Valve ON (Down)
 Brakes SET and FEET on BRAKES
 Propeller FULL FINE
 Alternate Air COLD
 Consider checking avionics, listen to ATIS
 and conducting pre-flight safety brief.
 Master Avionics & Electrical Switches OFF
 Master SwitchON
 Magneto Switches BOTH ON
 StrobesON
 Fuel Totaliser SET FUEL ON BOARD

PRIME . . AS REQUIRED (ESP COLD)

If the engine is warm . . little or NO prime
 Mixture FULL RICH
 Throttle 6 - 13 mm OPEN

Monitor fuel pressure

Electrical Fuel Pump . . ON until pressure
 indicates steady (expect 3-5 sec) . . OFF

START

Mixture IDLE CUT-OFF
 Throttle**10 mm MAXIMUM OPEN**

Do NOT exceed 1200 rpm at start
 Propeller ALL CLEAR
 Elevator with right hand.FULL AFT
 Starter with left hand. ENGAGE
 then **AFTER** engine fires
 Mixture with left hand FULL RICH
 Throttle1000 – 1200 RPM

AFTER START

Oil PressureCHECK
 - must indicate pressure within 30 secs
 Mixture LEAN approx 30 mm
 Ammeter Charge & Voltage CHECK

COMPLETE ABOVE OR SHUT DOWN

AVIONICS

Master Avionics ON
 Radio SET

TAXI

Elevator FULL AFT
 (If very strong wind from rear consider
 forward stick – or perhaps do not fly)
 BrakesCHECK

PRE TAKE-OFF

Trim SET
 Master ON
 Magnetos BOTH ON
 Propeller FULL FINE
 Fuel Shut-off ValveON (Down)
 Fuel ContentsSUFFICIENT
 Altimeter SET
 G-meter check within limits. RE-SET
 Controls FULL, FREE, and CORRECT
 Door & Window CLOSED & LATCHED
 Harnesses SECURE
 - Check interference with pedals

RUNUP – when engine is warm

check behind/brakes on

Mixture FULL RICH
 Engine Instruments CHECK NORMAL
 Throttle1800 RPM
 Magnetos CHECK L + R
 (Max 200 RPM drop)

Propeller smoothly and slowly
 CHECK OPERATION TWICE AND limit to
 only 300–500 rpm drop

Alternate AirCHECK
 Engine Instruments . . CHECK IN GREEN
 Throttle SLOW IDLE
 (approx. 650 but no more than 800)
 Throttle 1000 – 1200 RPM
 Mixture LEAN approx 30 mm
 Oil Temp 85°F before taxi

PRE-TAKE-OFF SAFETY BRIEFING

Abnormal Operations
 Engine failure considerations

DEPARTURE BRIEFING

Initial Turn Direction, Departure Route
 Climb Altitude & ATC Considerations.

