

THE MURRAY BRIDGE GLIDING

CLUB INC Check List - Grob 109



VH - FFQ

COCKPIT CHECK

A - AIRFRAME - walk around C - CONTROLS - working in correct sense H - HARNESS - secure

A - AIRBRAKES - check through range, closed and locked, flaps set

O - OUTSIDE - crew, airspace, clearances, obstacles, wind direction T - TRIM - check through range, set for take off BALLAST - if required, secure TAIL DOLLY - off

1 - INSTRUMENTS - in panel, set to zero, check for damage

RADIO - on, correct frequency C - CANOPY - closed and locked CONTROLS - full & free movement CART - undercarriage down and locked

AFTER START

- CHOKE-off
- OIL PRESSURE - in green arc
- REVS -1200 for 1 minute
- REVS- 1500
- OIL - temperature 50°C
- RADIO - on correct frequency
- CYLINDER HEAD TEMP -11 Q°C
- ENGINE RUN UP - as necessary
- TAXI CALL

ENGINE RUN UP

- PARKING BRAKE - as required
- ELEVATOR - pull back and hold
- THROTTLE - slowly advance to full power
- RPM - 2750 +/- 50
- OIL PRESSURE AND TEMPERATURE - observe
- CARBURETTOR HEAT - check

BEFORE START

- RUDDER PEDALS - adjusted and locked
- BRAKES - as required
- PROP - check fine
- MASTER SWITCH - on
- FUEL - on and sufficient for flight
- CHOKE - on (if cold)
- FUEL PUMP-on
- THROTTLE - set 2 cm L
- IGNITION-on
- CANOPY - closed and locked
- PROP - clear

LINE UP

OIL - temp above 50°C
 AIRBRAKES - locked
 CANOPY - closed
 TRIM - neutral
 Check Airspace releases
 ALL CLEAR Above and Behind
 PARKING BRAKE - released
 ROLLING CALL

FLIGHT CHECKS 500 FEET AGL

OIL TEMP AND PRESSURE - in green arc
 Fuel Pump - off
 Trim - for climb

SHUT DOWN (Aim)

- RPM -2000 until CHT150°C
- RPM-1500 until CHT130°C
- CHT-below 130°C
- ELECTRICAL EQUIPMENT - off
- IGNITION-off
- THROTTLE - closed
- PROP-feather
- ELECTRICAL EQUIPMENT - on

AIR START (ELECTRIC)

- ELECTRICAL EQUIPMENT - off
- PROP - unfeather
- SPEED-65 kts
- CHOKE - as required (temperatures)
- THROTTLE - as required (temperatures)
- IGNITION-on
- STARTER BUTTON - press

PRE LANDING CHECK

(GLIDING)

- FLAPS/BRAKES - as required
- UNDERCARRIAGE - down and locked
- SPEED - safe, near the ground
- TRIM - for selected speed
- DOWNWIND call
- PROP - as required

PRE LANDING CHECK

(POWERED)

- FLAPS/BRAKES - set as required
- FUEL - tap on and pump on
- FINE pitch
- UNDERCARRIAGE - down and locked
- SPEED - safe, near the ground
- TRIM - for selected speed
- THROTTLE - as necessary
- DOWNWIND call

AIRCRAFT INFORMATION

Grob G109

FUEL

Useable Capacity _____
 Consumption (l/hr) _____ ...

OIL

Min Flight _____

WEIGHTS

Max Cockpit Weight _____
 Min Cockpit Weight _____
 Max All Up Weight _____

SPEEDS

Stall - Power On _____
 Stall - Power Off _____
 Best Glide _____
 Min Sink _____
 Max X Wind _____

MURRAY BRIDGE GLIDING CLUB

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CLIMB FLIGHT (FINE PITCH*

- RPM-1200 (below 1800)
- » PROP CONTROL - pull
- RPM - should increase

CRUISE FLIGHT {COARSE PITCH*

- RPM-2200 (over 1800)
- PROP CONTROL - pull
- RPM - should drop

SHUT DOWN (GROUND)

- ELECTRICAL EQUIPMENT - off
- PARK BRAKE-on
- THROTTLE - idle
- » IGNITION-OFF
- AUXILIARY FUEL PUMP - OFF
- MASTER SWITCH - OFF