SLING 2 ULS
NORMAL CHECKLIST

EFFECTIVE: FEB 2026
UPDATED: MAR 2026

ONLINE GOFLY FLIGHT TRAINING

BEFORE START

PRE-FLIGHT INSPECTION.....**COMPLETED**
PASSENGER BRIEF.....**CONDUCTED**
WINDSCREEN.....**CLEAN**
SEAT POSITION.....**SET**
FUEL CAPS.....**LOCKED**
DOCUMENTS & PITOT COVER.....**STOWED**
SCREWDRIVER, DIP & FUEL DRAIN.....**STOWED**
HEADSETS.....**PLUGGED IN**
HARNESS.....**SECURE**
LOOSE ARTICLES.....**SECURE**
CIRCUIT BREAKERS.....**ALL IN**
FUEL SELECTOR.....**SET EMPTIEST TANK**

ENGINE START

PARKING BRAKE..... **SET & CHECKED**
MASTER SWITCH.....**ON**
EFIS AND EFIS BATT.....**ON (ALLOW TO LOAD)**
FUEL PUMP.....**ON**
MAGNETOS.....**SET TO BOTH**
THROTTLE.....**OPEN 0.5 CM**

(OIL TEMP BELOW 40° HOLD CHOKE OPEN)
----------CHECK AREA CLEAR----------
CLEAR PROP.....**ANNOUNCE**
STARTER.....**ENGAGE**
CHOKE.....**RELEASE IF REQ**
OIL PRESSURE.....**SUFFICIENT & GREEN**

(IF NO/LOW OIL PRESSURE SHUT DOWN ENGINE)

RPM.....**SET 2000**
AVIONICS.....**ON**

AFTER START

BATTERY VOLTAGE.....**ABOVE 12v**
TRANSPONDER.....**CODE 1200 & SET AS REQ**
RADIO FREQUENCIES.....**AS REQ**
FUEL QUANTITY.....**SUFFICIENT FOR FLIGHT**

PRE-TAKEOFF / ENGINE RUNUP

----------TAXI TO RUN UP AREA----------
(AIRCRAFT FACING INTO WIND & AWAY FROM OBSTICLES)

PARKING BRAKE.....**SET**
FLIGHT CONTROLS.....**FULL, FREE & CORRECT**
TRIM.....**NEUTRAL**
ALTIMITER.....**SET BARO**
HEADING & ALT BUG.....**SET AS REQ**
LIGHTS.....**AS REQ**
FLAPS.....**CHECK ALL STAGES & SET TO 1**
COOLANT TEMP.....**GREEN**
OIL TEMP.....**ABOVE 40°**
(IF OIL TEMP BELOW 40° WAIT FOR ENGINE RUNUP)

----------ENGINE RUNUP----------
PARKING BRAKE.....**VERIFY SET**
FUEL SELECTOR.....**SET FULLEST TANK**
RPM.....**SET 3500**
BRAKES.....**CHECK HOLDING**
MAGNETOS.....**CYCLE**
MAX DROP: 200rpm MAX DIFFERENCE: 100rpm
FUEL PUMP.....**CYCLE**
VOLTAGE.....**ABOVE 13v**
TEMPERATURES AND PRESSURES.....**GREEN**
RPM.....**SET IDLE & CHECK ABOVE 1400**
RPM.....**SET 2000**
MAGNETOS.....**CHECK ON BOTH**
FUEL PUMP.....**CHECK ON**
TAKE OFF SAFETY BRIEFING...**SEE BACK PAGE**

TAKEOFF (MEMORY ITEMS)

HATCHES AND HARNESSES.....**SECURE**
WARNING LIGHT.....**OFF**
TEMPERATURES AND PRESSURES.....**GREEN**
TRANSPONDER.....**SET ALT**
FLAPS.....**CHECK ON 1**

Vr (ROTATE SPEED) : 55kts
TAKEOFF CLIMB : 70kts

SLING 2 ULS

SHUT DOWN / EMERGENCY CHECKLIST

EFFECTIVE: FEB 2026
UPDATED: MAR 2026

SHUTDOWN

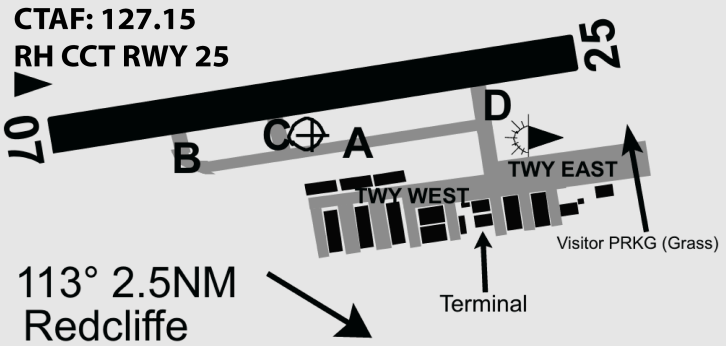
PARK BRAKE.....SET
RPM.....2000
FLAPS.....UP
TRIM.....NEUTRAL
TRANSPONDER.....OFF
LIGHTS.....ALL OFF
RPM.....SET IDLE
FUEL PUMP.....OFF
MAGNETOS.....OFF
FLIGHT TIME.....HOBBS RECORDED
AVIONICS.....OFF
EFIS AND EFIS BATT.....ALL OFF
MASTER SWITCH.....OFF
PARKING BRAKE.....OFF

PRE-TAKEOFF SAFETY BRIEF

ANY ISSUES DURING THE TAKEOFF ROLL:
I will immediately close throttle, use rearward elevator and brakes to stop the aircraft on the runway.
ENGINE FAILURE ON UPWIND BELOW 700FT:
I will immediately pitch the nose **down** for **70kts**, pick a landing area within 20 degrees of the windscreen and conduct a forced landing
ENGINE FAILURE ABOVE 700FT:
I will immediately pitch the nose **down** for **70kts**, conduct a left/right hand turn back towards the runway and land (considering cross runways)

DIVERSION AERODROME (YRED)

AIRPORT REPORTING OFFICER: 0408 493 614
CTAF: 127.15
RH CCT RWY 25



SLING OPERATING SPEEDS

V_{BG} **(BEST GLIDE).....72kts**
V_Y **(BEST RATE OF CLIMB).....72kts**
V_X **(BEST ANGLE OF CLIMB).....65kts**
V_S **(STALL SPEED NO FLAP).....45kts**
V_{SO} **(STALL SPEED FULL FLAP).....40kts**
V_{FE} **(FLAP EXTENSION).....85kts**
V_A **(MANOEUVRING SPEED).....91kts**
V_{NE} **(NEVER EXCEED).....135kts**

ENGINE FAILURE

AIRSPEED.....**PITCH FOR 70kts**
FORCED LANDING FIELD.....**SELECTED**
FUEL SELECTOR.....**SWAP**
FUEL PUMP.....**CYCLE**
STARTER.....**ENGAGE**
----------UNSUCCESSFUL----------
MAYDAY & SQUAWK.....**RADIO & 7700**
FORCED LANDING PROCEDURE.....**CONDUCT**

ENGINE FIRE

PITCH.....**CLIMB AT 70kts FULL POWER**
CABIN HEAT.....**OFF**
FORCED LANDING FIELD.....**SELECTED**
FUEL SELECTOR.....**SET TO OFF**
----------ALLOW ENGINE FAILURE----------
FUEL PUMP & MAGNETOS.....**OFF**
MAYDAY & SQUAWK.....**RADIO & 7700**
FORCED LANDING PROCEDURE.....**CONDUCT**

ELECTRICAL FAILURE

RADIO.....**CHECK WORKING**
SQUAWK.....**7600 IF RADIO INOP**
LIGHTS.....**ALL OFF**
----------RETURN TO AIRPORT----------
TEMPS AND PRESSURES.....**MONITOR**
RADIO.....**CALL "TRANSMITTING BLIND"**
AIR TRAFFIC.....**SEE AND AVOID**
MAGNETOS WILL KEEP ENGINE RUNNING