

CABRI G2 CONDENSED CHECKLIST

MAINTENANCE STATUS.....CLEARED
TIE DOWNS & COVERS.....REMOVED
AIRCRAFT ATTITUDE.....CHECK
PFD CIRCUIT BREAKER.....Out
MASTERON, FUEL QTY, LIGHTS
MASTER.....OFF
HOBBS & TACH.....CHECK
FIRE EXTINGUISHER.....SECURE
SEATS.....ALIGNED & CLEAR
CANOPY.....CLEAN
**MAIN ROTOR BLADES & LEADING
 EDGE**.....CONDITION
TIP BOLTS.....LOCKWIRED
RIGHT DOOR.....CHECK
TRIM STRING.....CHECK
LANDING LIGHT.....CHECK
PITOT TUBE.....CLEAR
STATIC PORT.....CLEAR
GEAR BOW ATTACHMENT.....CHECK
LEFT DOOR.....CHECK
DOCUMENTS.....CHECK A.R.O.W
FUEL CAP.....LOCKED
NAV LIGHTS.....CHECK
GEAR BOW.....CHECK
LANDING GEAR.....CHECK
SKID SHOES (5).....CHECK
FUEL SUMP.....DRAIN
LEFT COWLING.....OPEN
BATTERY.....CHECK
BATTERY BLANKET.....Inspect
BREAKERS.....ALL SET
MANIFOLD PRESSURE LINES.....CHECK
TRANSMISSION BELT.....CHECK, SLACK
LEFT COWLING HINGE.....CHECK
IGNITION COILS.....CHECK
IGNITION WIRES.....CHECK
ENGINE.....CONDITION
HEAT MUFFLER.....NO CRACKS
MUFFLER HOSE.....SECURE
AIR BOX.....CHECK

THROTTLE CONTROL.....CHECK
MIXTURE CONTROL.....CHECK
AUTO CARB HEAT.....CHECK COLD
EXHAUST PIPES.....CHECK
FUEL PUMP & HOSE.....CHECK
MAGNETO.....CHECK
ENGINE CANNON PLUG.....LOCKED
ENGINE MOUNTS.....CHECK
OIL COOLER AIR HOSE.....CHECK
**TAIL ROTOR PUSH PULL
 CONTROL**.....CHECK
BOOM ATTACHMENT FRAME.....CHECK
ATTACHMENT BOLTS.....COTTER PINS
LEFT COWLING.....CLOSED
LEFT TAIL BOOM.....CONDITION
HORIZONTAL STABILIZER.....SECURED
ROTOR DUCT.....CLEAR
TAIL ROTOR BLADES.....CHECK
TAIL SKID.....CHECK
TRIPOD ATTACHMENT (3).....CHECK
TAIL ROTOR GEAR BOX.....OIL LEVEL
TR Heat Pad.....Secure, No peeling.
CHIP DETECTOR.....LOCKED
PITCH LEVER & ROD END.....CHECK
**HORIZONTAL
 STABILIZER**.....SECURED
RIGHT TAIL BOOM.....CONDITION
TRANSMISSION BEARING/ BOLT
CHECK
RIGHT COWLING.....OPEN
BOOM ATTACHMENT FRAME.....CHECK
ATTACHMENT BOLTS.....COTTER PINS
COWLING HINGE.....CHECK
TANIS HARNESS.....Inspect Condition
ENGINE MOUNT.....CHECK
OIL FILTER.....SECURED
ENGINE OIL.....5 TO 6 QTS
FUEL LINE.....CHECK
EXHAUST PIPES.....CHECK
CARB HEATING HOSE.....CHECK

AIR INTAKE DUCT.....CHECK
OIL HEAT PAD.....Secure, No peeling
ENGINE.....CONDITION
IGNITION WIRES.....CHECK
ROTOR BRAKE.....CHECK
VHF 1 ANTENNA.....CHECK
OIL COOLER PIPES.....CHECK
Oil cooler pad.....Secure, No peeling
ENGINE COOLING SCREEN.....CLEAR
CLUTCH SOLENOID.....CHECK
FLEX COUPLING.....CHECK
UPPER PULLEY.....CHECK
CLUTCH ACTUATOR.....RETRACTED
INSPECTION FLAP.....OPEN
MR GEAR BOX.....OIL LEVEL
CHIP DETECTOR.....LOCKED, NO LEAK
INSPECTION FLAP.....SECURED
FUEL FLOW SENDER.....CHECK
LNDG GEAR ATTACHMENT.....CHECK
GASCOLATOR DRAIN.....SAMPLE
RIGHT COWLING.....CLOSE
GEAR BOW.....CHECK
LNDG GEAR.....CHECK
SKID SHOES (5).....CHECK
NAV LTS.....CHECK
BAGGAGE DOOR.....OPEN
BLADE BOLTS.....CHECK
**ELASTOMERIC THRUST
 BEARNINGS**.....CHECK
MAIN ROTOR HUB.....CHECK
LEAD LAG DAMPENERS.....CHECK
ELASTOMER CONDITION.....NO CRACKS
DROOP STOP RINGS.....CHECK
CTRL ROD ENDS (6).....FREE
SCISSORS.....FREE
SWASH PLATE.....CHECK
GEARBOX UPPER FITTING.....CHECK
GEARBOX PAD.....Secure, No Peeling
AIR INTAKE.....CLEAR
SIGN OFF LEAD LAG DAMPER.....DONE

CABRI G2 CONDENSED CHECKLIST

BEFORE STARTING

OBJECTS.....STOWED
FUEL SHUT-OFF VALVE.....ON
BREAKERS.....IN/PFD Out
HARNESSES.....FASTENED
CONTROLS.....FULL TRAVEL/FREE
COLLECTIVE.....DOWN, FRICTION ON
INSTRUMENTS.....CHECK/OFF
SWITCHES.....OFF
CARB HEAT SWITCH.....AUTO
MASTER.....ON
STROBE.....ON
NR SWITCH.....BACKUP
NR GREEN LIGHT.....CHECK
NR LIGHTS & HORN.....CHECK
EPM.....MONITOR
GOVERNOR.....OFF, LIGHT ON
ROTOR BRAKE.....CYCLE, LIGHT OUT

ENGINE START

MIXTURE.....FORWARD/FULL RICH
FUEL PUMP.....ON, CHECK PRESSURE
THROTTLE.....FULL OPEN
MANUAL PRIME.....(4 Hot / 6 Cold)
THROTTLE.....SET (4% Hot / 0% Cold)
IGNITIONS.....ON, CHECK BEEPER
AREA.....CLEAR
STARTER.....ENGAGE/ LIGHT ON - OFF
THROTTLE.....IDLE 0%
OIL PRESS LIGHT.....OFF < 30 SEC
ALTERNATOR.....ON, LIGHT OUT
CLUTCH.....ENGAGE & LOCK, LIGHT ON
NAV LIGHTS.....ON
ROTOR & ENGINE.....SYNCHRONIZED
HEADSET.....ON
PFD CIRCUIT BREAKER.....IN
AVIONICS.....ON
CLUTCH LIGHT.....OUT

==WAIT UNTIL CLUTCH LIGHT OUT == IGNITION/CARB TEST

RPM.....SET 2000
PLASMA IGNITION...OFF 5 SEC <300 RPM
MAGNETO.....OFF 5 SEC <100 RPM
ROTOR SPEED.....420-450 RPM
OIL TEMP/PRESS.....Must Have Either
TEMP > 100 F or PRESS < 95 psi
= WAIT UNTIL OIL TEMP/PRESS READY =
ROTOR. 520/530 RPM CHECK GREEN LIGHT
CARB HEAT HOT.....CHECK NR DECREASE
CARB HEAT COLD.....CHECK NR INCREASE
CARB HEAT.....AUTO
ROLL OFF THROTTLE.....IDLE
SPLIT, HORN, MUTE, IDLE STABLE
GOVERNOR ON.....ROLL ON SLOWLY
GOVERNOR ENGAGES NR 400
STABLE NR IN GREEN

BEFORE TAKEOFF

DOORS.....CLOSED
SEATBELTS.....FASTENED
WARNING LTS.....OUT
FUEL QTY.....SUFFICIENT
TEMPS & PRESSURES.....GREEN
OIL TEMP - **> 86°F FOR T.O.**
> 140°F FOR MAX POWER
LANDING LIGHT.....AS NEEDED
TRANSPONDER.....SQUAWK VFR
COLLECTIVE FRICTION.....OFF
COMMS.....CHECK, ATIS
GPS/VOR.....SET

Note 1 – If OAT is less than 50° F, it is recommended to turn Carb Heat to Hot manually to assist in heating the induction system and cylinders while warming up.

AFTER PICKUP CHECK

MULTIPLE LIMIT INDICATOR.....CHECK
ATTITUDE INDICATOR.....CHECK
COMPASSES.....CHECK
TURN/SLIP.....CHECK

BEFORE LANDING

WARNING LIGHTS.....OUT
FUEL QUANTITY.....SUFFICIENT
TEMPERATURES & PRESSURES.....GREEN

SHUTDOWN

FRICTION.....ON
GOVERNOR.....OFF
THROTTLE.....420 - 450 RRPM
COOL DOWN TIMER.....2 Min
= MUST HAVE CHT < 356°F =
PFD CIRCUIT BREAKER.....PULL
THROTTLE.....IDLE
CLUTCH.....DISENGAGE, LIGHT OUT
= WAIT (de-sync or light out) =
MIXTURE.....OFF
IGNITION SWITCHES.....OFF
LANDING / NAV LIGHTS.....OFF
ALTERNATOR.....OFF
FUEL PUMP.....OFF
===== ENSURE NR < 150 RPM =====
ROTOR BRAKE.....APPLY UNTIL STOPPED
STROBE.....OFF
MASTER.....OFF

Note 2 – If Manual Hot is ON, only take rotor to 520. Once switched to COLD the engine will gain RPM, if left uncontrolled the engine can OVERSPEED.