

VH-OAZ
YSBK FREQS

ATIS: 120.9
GROUND:.....119.9
CIRCUITS:.....123.6
TOWER/CTAF:.....132.8
PAL.....125.95

YSCN FREQS.

ATIS: 125.1
GROUND:.....121.9
TOWER/CTAF:.....120.1
PAL.....120.6

BEFORE STARTING ENGINE CHECKLIST

PAX Brief.....COMPLETED
Pre Flight Inspection.....COMPLETED
Flight Schedule Pro.....CHECKED OUT
Maintenance release...COMPLETE & ONBOARD
W&B.....COMPLETE & ONBOARD
Fuel log.....CONFIRMED AND RECORDED
Chocks/Pitot Cover.....REMOVED AND STOWED
Seats/Belts.....LOCK, FASTEN & ADJUSTED
Park Brake.....SET
Fuel Selector.....LEFT OR LEAST
Compass.....CHECK
Radio Power.....OFF
A/P, TRIM, EFIS and FLIGHT DIRECTOR OFF
Transponder.....SET TO STBY
Auto Pilot.....OFF
Battery Master Switch & ALTR Switch.....ON
Panel & Cabin Lights.....AS REQUIRED
Circuit Breakers.....CHECK IN
Trim – Elevator and Rudder SET NEUTRAL
Flight Controls.....FULL FREE AND CORRECT
Engine Fire On Start Brief.....COMPLETED

CONDUCT START PROCEDURE

COLD START

Propellor.....FULL FINE
Mixture.....RICH
Throttle.....OPEN
Fuel Pump.....ON & CHECK PRESSURE
Throttle.....CLOSE TO 6mm
Mixture.....LEAN
Propeller Area.....CLEAR AND CALL
Landing Light (night).....FLASH ON AND OFF
Starter.....ENGAGE

ADVANCE MIXTURE AS ENGINE STARTS

IF ENGINE DOES NOT START WITHIN 10

SECONDS, DISENGAGE STARTER AND REPEAT
PROCEDURE

WHEN ENGINE STARTS AND IS RUNNING

Throttle.....SET TO 1000 RPM
Oil Pressure...SHUT DOWN IF NOT UP IN 30 SEC

VH-OAZ
HOT START

Fuel Pump.....ON & CHECK PRESSURE
Mixture.....FULL RICH
Throttle.....12mm OPEN
Propeller Area.....CLEAR AND CALL
Landing Light (night).....FLASH ON AND OFF
Starter.....ENGAGE

WHEN ENGINE STARTS AND IS RUNNING

Throttle.....SET TO 1000 RPM
Oil Pressure...SHUT DOWN IF NOT UP IN 30 SEC

FLOODED ENGINE START

Electric Fuel Boost Pump.....OFF
Mixture.....IDLE CUT OFF
Throttle.....FULLY OPEN
Propeller Area.....CLEAR AND CALL
Landing Light (night).....FLASH ON AND OFF
Starter.....ENGAGE

WHEN ENGINE STARTS

Mixture.....ADVANCE TO FULL RICH
Throttle.....RETARD AND SET TO 1000 RPM
Oil Pressure...SHUT DOWN IF NOT UP IN 30 SEC

AFTER START

Mixture.....LEAN AS REQUIRED
Ammeter.....CHARGING
NavLights.....ON
StrobeLights.....ON
Fuel Log.....ENGINE START TIME RECORDED
Avionics Master Switch.....ON
JPI.....CHECK & SET FUEL QTY
PFD Master Switch.....ON
GNSS GPS Database.....CURRENT (IFR)
Transponder.....CODE SET AND STANDBY
PFD.....DISPLAY CHECKED AND ACTIVATED
Flight Plan.....LOADED AND ACTIVATED
ATIS/AWIS.....COPIED/CONFIRMED
QNH.....SETx3 & ELEV CONFIRMED
ParkingBrake.....RELEASED

TAXI

Brakes and Steering.....CHECKED
PFD.....CHECKED AGAINST TURNS
STBY AH.....CHECKED AGAINST TURNS
COMPASS.....CHECKED AGAINST TURNS
Turn/Bank Indicator..CHECKED AGAINST TURNS

VH-OAZ

RUN UP/PRE TAKE OFF CHECKS

Parking Brake.....SET & HOLDING
T's & P's.....CHECKED & IN THE GREEN
Fuel Selector.....CHANGE TO FULLEST TANK
Fuel Log.....RECORD TIME
Mixture.....FULL RICH
Throttle.....2000 RPM
Magnetos.....
..... MAX DROP 175 RPM, MAX DIFF 50RPM
Alternate Air.....CHECK OPERATION
Oil temp.....CHECK IN THE GREEN
Oil pressure.....CHECK IN THE GREEN
Fuel pressure.....CHECK IN THE GREEN
Ammeter.....CHARGING
Annunciator Panel Lights.....CHECK
Propeller.....EXERCISE THEN FULL
Alt Air.....CHECK
Electric Fuel Boost Pump.....OFF
Fuel pressure.....CHECK IN THE GREEN
Slow Idle (Throttle Closed).....CHECK
Throttle.....1000 RPM
Auto Pilot Switch.....ON
Auto Pilot.....FUNCTIONAL CHECK
Auto Pilot Selector.....OFF
Electric Fuel Boost Pump.....ON
Fuel pressure.....STEADY AND CONFIRMED
Magnetos.....SET TO BOTH
Radios.....FREQ SET
PFD & IFD.....SET & CHECKED
Transponder.....ALT & CODE SET
Circuit Breakers.....CHECK ALL IN
Heading.....SET TO DEPARTURE HEADING
Assigned Alt Indicators.....SET TO DEP ALT
Mixture.....SET
Throttle Friction Lock.....SET
Flaps.....OPERATION & SET AS REQUIRED
Elevator & Rudder Trim.....SET FOR TAKE OFF
Flight Controls.....FREE, FULL & CORRECT
Seats.....ADJUSTED AND LOCKED
Empty Seats.....SEAT BELTS FASTENED
Harness.....FASTENED AND SECURE
Cabin Door & Window.....CLOSED AND LATCHED
Departure/Safety Brief.....CONDUCTED
Radio calls & clearances.....MADE & RECEIVED
Park Brake.....RELEASE

VH-OAZ

AIRSPEEDS FOR NORMAL OPERATIONS

Best Glide Speed (Flaps Up) 80 KIAS
Never Exceed Speed (V_{NE}) 197 KIAS
Max Structural Cruising Speed (V_{NO}) 154 KIAS
Turbulent air operating speed (V_a) 105 KIAS
Max Flaps Extended Speed (V_{FE}) 112 KIAS
Max Lndg Gear Extension Speed(V_{LO})... 132 KIAS
Max Lndg Gear Retraction Speed(V_{LE})... 132 KIAS
Best Rate of Climb gear/flaps up (V_Y)..... 91 KIAS
Cruise Climb..... 105 KIAS
Max Demonstrated Cross Wind 17 KIAS
Final Approach Speed (Full Flaps 40°)..... 79 KIAS

Top Of Climb

Trim.....SET STRAIGHT & LEVEL
Air Speed CRUISE SPEED ACHIEVED
Power.....CRUISE POWER SET
Mixture LEANED AS REQUIRED
Engine.....T's & P's IN THE GREEN
Altimeter.....AREA QNH SET
Lights LANDING LIGHT OFF
Auto Pilot ON & SET AS REQUIRED
Top Climb Time NOTED & RECORDED

CLEAROFF

Compass CORRECT
Logs.....COMPLETED
Engine.....T&P's OK
Altitude CORRECT QNH SET
Radio CORRECT FREQUENCY
Orientation CORRECT HEADING
Fuel Logs COMPLETED/CHECKED
Forced Landing IDENT LANDING AREA

TOP OF DESCENT

CHECK FUEL LEVEL AND CHANGE TANKS IF REQ
Atis SET QNH
Mixture AS REQUIRED
Carby.....CARBY HEAT ON
Power SET RPM FOR DESCENT

BUMFISH

Brakes.....CHECK & PARK BRAKE OFF
Undercarriage.....DOWN/LOCKED
Mixture.....FULL RICH
Fuel.....FUEL PUMP ON
Instruments GREEN T&P'S
Switches.....LANDING LIGHTS ON
Harnesses SECURE

CPUFF

Carby.....CARBY HEAT OFF
Pitch.....FULL FINE
Undercarriage.....DOWN & LOCKED
Flaps.....SET & CHECKED
Fuel.....FUEL PUMP ON