

PREFLIGHT CHECK

CABIN

1. AOM / ACFT DOCUMENTS on board
2. CONTROL LOCK..... removed
3. IGNITION OFF
4. ELECTRIC MAIN SWITCH ON
5. FUEL QUANTITY..... CK
6. FLAPS down
7. POSITION LIGHTS..... function CK
8. LANDING AND TAXI LIGHT function CK
9. PITOT HEATING function CK
10. ELECTRIC MAIN SWITCH OFF
11. FUEL SELECTOR CK / open
12. SHIELDS clean and CK
13. ANTENNAS CK
14. TOW BARS / WHEEL CHOCKS / PITOT COVER removed

FUEL & OIL

1. LEFT FUEL TANK SUMP drained before first daily flight
2. LEFT FUEL TANK..... fuel quantity CK
3. LEFT FUEL CAP..... secured
4. RIGHT FUEL TANK SUMP..... drained before first daily flight
5. RIGHT FUEL TANK..... fuel quantity CK
6. RIGHT FUEL CAP secured
7. FUEL OUTFLOW VALVE (downside of fuselage) drained
8. FUEL DRAIN KNOB daily and after tanking PULL 4 sec
9. OIL (>4qt normal 5-6qt) CK

LEFT WING

1. FLAP AND AILERON..... CK
2. WING TIPS AND LIGHTS CK
3. WINGfree of ice and snow
4. STALL WARNING INDICATOR CK
5. PITOT TUBE CK
6. FUEL TANK VENT CK
7. MAIN GEAR CK

FRONT

1. STATIC PORT..... CK
2. PROP AND SPINNER..... CK
3. AIR INTAKES CK
4. CARBURATOR AIR INLET CK
5. NOSE GEAR STRUT AND TIRE CK

RIGHT WING

1. MAIN GEAR CK
2. WINGfree of ice and snow
3. WING TIPS AND LIGHTS CK
4. FLAP AND AILERON..... CK

STABILIZERS & FUSELAGE

1. RIGHT SIDE OF FUSELAGE CK
2. HOR. AND VERT. STABALIZERS CK
3. ELEVATOR AND RUDDER..... CK
4. TRIM TAB CK
5. LEFT SIDE OF FUSELAGE CK

BEFORE ENGINE START

1. PREFLIGHT INSPECTION completed
2. SEAT BELTS, SEATS, RUDDERS adjust / free
3. CIRCUIT BREAKERS CK
4. CHECK WATCHES CK
5. AVIONIC MASTER OFF
6. ELEV. TRIMM take off pos

STARTING ENGINE

1. MIXTURE rich
2. THROTTLE 1 cm
3. THROTTLE LOCKER tight
4. CARBURATOR OFF (pushed)
5. PRIMER as required
6. BATTERY MASTER ON
7. BEACON ON
8. PROP AREAS clear
9. IGNITION start

AFTER ENGINE START

1. OIL PRESSURE CK / green
2. THROTTLE 1000 RPM
3. FLAPS up
4. GYRO set
5. AVIONIC MASTER ON
6. COM / NAV / TRANSPONDER CK
7. ATIS CK
8. ALTIMETER set / CK
9. TAXI LIGHTS ON

TAXI CHECK

1. TAXI TIME..... notified
2. BRAKES + STEERING..... CK
3. INSTRUMENT CK DURING TURN CK
4. TRIM TABS..... CK / set for T/O
5. FLAPS CK / set for T/O
6. FLIGHT INSTRUMENTS CK
7. DOORS, WINDOWS..... closed

ENGINE CHECK

1. THROTTLE..... 1700 RPM
2. OIL PRESSURE / TEMP..... CK / green
3. AMPEREMETER CK
4. SUCTION..... CK / 4,5 – 5,5
5. MIXTURE rich
6. MAGNETOS CK / max. 150 / diff. 75
7. CARBURATOR CK
8. THROTTLE..... 1000 RPM
9. FLAPS as required
10. RUDDERS..... free
11. LANDINGS LIGHTS..... ON
12. TAKE OFF BRIEFING (V_R 50 / V_{LIFT} 55 / V_{CLIMB} 65)..... completed

TAKE OFF ITEMS

1. APPROACH SECTORS..... CLEAR
2. PITOT HEAT as required
3. TRANSPONDER ALT
4. RWY HEADING..... CK
5. T/O TIME notified

CLIMB CHECK

1. FLAPS up
2. LIGHTS..... OFF
3. CLIMB SPEED 70 kt
4. ALTIMETERS CK

CRUISE CHECK

1. POWER 1900 – 2350 RPM
2. MIXTURE set / CK
3. CARBURATOR as required
4. ENGINE INSTRUMENTS CK

APPROCH CHECK

1. MIXTURE to rich
2. CARBURATOR ON (pulled)
3. POWER 1700 RPM

FINAL CHECK

1. MIXTURE rich
2. CARBURATOR OFF (pushed)
3. FLAPS as required
4. LIGHTS..... ON

AFTER LANDING

1. CARBURATOR OFF (pushed)
2. MIXTURE 50%
3. FLAPS UP
4. LIGHTS..... TAXI
5. PITOT HEAT OFF

PARKING CHECK

1. THROTTLE..... 1700 RPM
2. AVIONIC MASTER OFF
3. TAXI LIGHTS..... OFF
4. NAV LIGHTS..... OFF
5. MIXTURE & THROTTLE ICO & closed
6. IGNITION OFF
7. BATTERY MASTER OFF
8. RUDDER LOCKER..... adjusted
9. BLOCK TIME..... notified
10. PITOT COVER..... adjusted

V_{NE}..... 149 KIAS
 V_{NO}..... 111 KIAS
 V_A 93 - 104 KIAS
 V_{Rot} 50 KIAS
 V_x (BEST ANGLE of CLIMB) 54 KIAS
 V_y (BEST RATE of CLIMB) 67 KIAS
 V_{Climb} 65 - 75 KIAS
 V_{FE} 85 KIAS

V_{BEST GLIDE} 60 KIAS
 V_S 40 KIAS
 V_{S0} 35 KIAS
 MTOW 758 kp
 FUEL FLYABLE BOTH TANKS 93 lt
 OIL min 4 / norm 5 / max 6 QT
 CROSSWIND ... T/O LDG max 12 kt