

APPROACH CHECK

| | | | |
|---|-------------------------|-------------------------|---|
| 1 | Altimeter..... | SET QNH..... | 1 |
| 2 | Landing light..... | ON..... | 2 |
| 3 | Electric fuel pump..... | ON..... | 3 |
| 4 | Fuel quantity..... | CHECKED, ENDURANCE..... | 4 |
| 5 | Fuel selector..... | FULLER TANK..... | 5 |
| 6 | Mixture..... | RICH / AS REQUIRED..... | 6 |
| 7 | Carburetor heat..... | AS REQUIRED..... | 7 |
| 8 | Auto pilot..... | OFF..... | 8 |

APPROACH CHECK COMPLETED

FINAL CHECK

| | | | |
|---|----------------------|-------------------------|---|
| 1 | Flaps..... | SET FOR LANDING..... | 1 |
| 2 | Mixture..... | RICH / AS REQUIRED..... | 2 |
| 3 | Carburetor heat..... | OFF / AS REQUIRED..... | 3 |

FINAL CHECK COMPLETED

AFTER LANDING CHECK

| | | | |
|---|----------------------------|-------------------------|---|
| 1 | Transponder..... | GND / SBY..... | 1 |
| 2 | Pitot heat..... | OFF..... | 2 |
| 3 | Time..... | NOTED..... | 3 |
| 4 | Anti collision lights..... | OFF..... | 4 |
| 5 | Landing lights..... | OFF or AS REQUIRED..... | 5 |
| 6 | Electric fuel pump..... | OFF..... | 6 |
| 7 | Flaps..... | UP..... | 7 |

AFTER LANDING CHECK COMPLETED

ENGINE SHUT DOWN AND PARKING

| | | | |
|----|--------------------------------|------------------------|----|
| 1 | Parking brake..... | SET..... | 1 |
| 2 | Power..... | SET 1000 RPM..... | 2 |
| 3 | Electrical consumers..... | ALL OFF..... | 3 |
| 4 | 121.5..... | CHECKED..... | 4 |
| 5 | Avionics master switch..... | OFF..... | 5 |
| 6 | Alternator..... | OFF..... | 6 |
| 7 | Mixture..... | LEAN /CUT OFF..... | 7 |
| 8 | Magnetos..... | OFF (2)..... | 8 |
| 9 | Battery master..... | OFF..... | 9 |
| 10 | Flight data and documents..... | NOTED / COMPLETED..... | 10 |
| 11 | Parking brake..... | SET / AS REQUIRED..... | 11 |

PARKING CHECK COMPLETED

SPEEDS

| | | | |
|--|-----------------|--|-----------------|
| V_x | 64 KIAS | V_{FE} (max. Flaps speed) | 102 KIAS |
| V_y | 76 KIAS | V_{initial approach} | 100 KIAS |
| V_A (Manoeuvring speed) | 113 KIAS | V_{final} (Full Flaps) | 66 KIAS |
| V_{best gliding angle} | 76 KIAS | Crosswind component max. | 17 KTS |

AIRCRAFT PREPARATION

COMPLETED (ACCORDING AFM)

PREFLIGHT CHECK

| | | | |
|---|----------------------|----------------|---|
| 1 | Outside check..... | COMPLETED..... | 1 |
| 2 | Baggage door..... | CLOSED..... | 2 |
| 3 | Aircraft papers..... | CHECKED..... | 3 |
| 4 | Aircraft log..... | CHECKED..... | 4 |
| 5 | Tow bar..... | SECURED..... | 5 |
| 6 | Cabine..... | CHECKED..... | 6 |
| 7 | Loadsheet..... | CHECKED..... | 7 |

PREFLIGHT CHECK COMPLETED

CHECK BEFORE ENGINE START

| | | | |
|----|------------------------------------|---------------------|----|
| 1 | Cabin door..... | CLOSED..... | 1 |
| 2 | Seats..... | ADJUSTED..... | 2 |
| 3 | Parking brake..... | SET..... | 3 |
| 4 | Seat belts and harness..... | FASTENED..... | 4 |
| 5 | Electrical consumers..... | ALL OFF..... | 5 |
| 6 | Circuit breakers..... | ALL IN..... | 6 |
| 7 | Avionics master switch..... | OFF..... | 7 |
| 8 | Battery master and alternator..... | ON..... | 8 |
| 9 | Fuel quantity..... | L+R, ENDURANCE..... | 9 |
| 10 | Fuel selector valve..... | FULLER TANK..... | 10 |
| 11 | Mixture..... | RICH..... | 11 |
| 12 | Carburetor heat..... | OFF..... | 12 |
| 13 | Throttle..... | IDLE..... | 13 |

CHECK BEFORE ENGINE START COMPLETED

STARTING ENGINE

| | | | |
|---|--------------------------------|----------------------|---|
| 1 | Throttle..... | 1 cm..... | 1 |
| 2 | Mixture..... | RICH..... | 2 |
| 3 | Magnetos..... | ON (2)..... | 3 |
| 4 | Electric fuel pump..... | 2 CHECKED, 1 ON..... | 4 |
| 5 | Primer..... | PUSH 3 sec..... | 5 |
| 6 | Propeller area..... | CLEAR..... | 6 |
| 7 | Starter..... | ON..... | 7 |
| 8 | Engine running..... | SET 1000 RPM..... | 8 |
| 9 | Oil Pressure (within 30")..... | GREEN ARC..... | 9 |

STARTING ENGINE COMPLETED

CHECK AFTER ENGINE START

| | | |
|--|----------------------------|----|
| 1 Alternator output..... | CHECKED..... | 1 |
| 2 Electric fuel pump..... | OFF, PRESSURE CHECKED..... | 2 |
| 3 Ventilation, heater, defroster..... | AS REQUIRED..... | 3 |
| 4 Lights..... | AS REQUIRED..... | 4 |
| 5 Avionics master switch / Avionics..... | ON..... | 5 |
| 6 Flight instruments..... | CHECK AND SET..... | 6 |
| 7 Engine instruments..... | CHECKED..... | 7 |
| 8 Avionics COM, NAV, SSR..... | SET AND PRESELECT..... | 8 |
| 9 GPS / Autopilot..... | SET CHECKED..... | 9 |
| 10 Flight guidance..... | NAV OR GPS..... | 10 |

CHECK AFTER ENGINE START COMPLETED

TAXI CHECK

| | | |
|------------------------------------|--------------|---|
| 1 Brakes and steering..... | CHECKED..... | 1 |
| 2 Gyro and flight instruments..... | CHECKED..... | 2 |

TAXI CHECK COMPLETED

RUN-UP

| | | |
|------------------------------|-----------------------------------|----|
| 1 Parking brake..... | SET..... | 1 |
| 2 Oil temperature..... | CHECKED..... | 2 |
| 3 Zone behind aircraft..... | CLEAR..... | 3 |
| 4 Throttle..... | SET 2000 RPM..... | 4 |
| 5 Oil pressure, suction..... | GREEN ARC..... | 5 |
| 6 Magnetos...(L-B-R-B)..... | CHECKED (MAX. -175 / 50 RPM)..... | 6 |
| 7 Mixture..... | CHECK FUNCTION..... | 7 |
| 8 Carburetor heat..... | CHECK FUNCTION..... | 8 |
| 9 Throttle idle..... | CHECKED (700 – 900 RPM)..... | 9 |
| 10 Throttle..... | SET 1100 RPM..... | 10 |

RUN UP COMPLETED

CHECK BEFORE DEPARTURE

| | | |
|---------------------------------------|--------------------------------|----|
| 1 Seat position..... | CHECKED AND LOCKED..... | 1 |
| 2 Electric fuel pump..... | ON..... | 2 |
| 3 Fuel quantity..... | ENDURANCE ?..... | 3 |
| 4 Fuel selector valve..... | FULLER TANK..... | 4 |
| 5 Mixture..... | RICH / AS REQUIRED..... | 5 |
| 6 Carburetor heat..... | OFF..... | 6 |
| 7 Friction lock..... | SET..... | 7 |
| 8 Magnetos..... | ON (2)..... | 8 |
| 9 Annunciator lights..... | CHECKED..... | 9 |
| 10 Pitot heat..... | CHECKED..... | 10 |
| 11 Trims..... | SET FOR TAKE OFF (2)..... | 11 |
| 12 Flaps..... | CHECKED, SET FOR TAKE OFF..... | 12 |
| 13 Controls..... | CLEAR AND CORRECT..... | 13 |
| 14 Flight instruments & avionics..... | SET FOR DEPARTURE..... | 14 |
| 15 Cabin and pax..... | SECURED..... | 15 |
| 16 Departure briefing..... | COMPLETED..... | 16 |

CHECK BEFORE DEPARTURE COMPLETED

LINE UP CHECK

| | | |
|---------------------------------|-----------------------|---|
| 1 Door and window..... | CLOSED, LOCKED..... | 1 |
| 2 Landing light..... | ON (AS REQUIRED)..... | 2 |
| 3 Anti collision lights..... | ON..... | 3 |
| 4 Time..... | NOTED..... | 4 |
| 5 Approach sector & runway..... | CLEAR..... | 5 |

LINE UP CHECK COMPLETED

CLIMB CHECK

| | | |
|---------------------------|-------------------------------|---|
| 1 Flaps..... | UP..... | 1 |
| 2 Climb power..... | FULL THROTTLE / 2400 RPM..... | 2 |
| 3 Electric fuel pump..... | OFF (CHECK PRESSURE)..... | 3 |
| 4 Landing Lights..... | AS REQUIRED..... | 4 |
| 5 Altimeters..... | SET QNH / QNE..... | 5 |

CLIMB CHECK COMPLETED

CRUISE CHECK

| | | |
|----------------------|--------------------------|---|
| 1 Altimeters..... | SET (STD / QNH)..... | 1 |
| 2 Cruise power..... | SET (ACCORDING AFM)..... | 2 |
| 3 Mixture..... | SET..... | 3 |
| 4 Fuel quantity..... | CHECKED, ENDURANCE..... | 4 |
| 5 Lights..... | AS REQUIRED..... | 5 |

CRUISE CHECK COMPLETED

DESCENT CHECK

| | | |
|--------------------------|--------------------|---|
| 1 ATIS..... | NOTED..... | 1 |
| 2 Approach briefing..... | COMPLETED..... | 2 |
| 3 Avionics..... | SET & CHECKED..... | 3 |
| 4 Directional gyro..... | CHECKED & SET..... | 4 |
| 5 Circuit breakers..... | CHECKED..... | 5 |
| 6 Cabin and Pax..... | SECURED..... | 6 |

DESCENT CHECK COMPLETED