

IFR CHECKLIST
Commander 114 D-EMHL

1. Aircraft log and docs ONBOARD
2. Preflight inspection COMPLETED
3. Passenger Briefing COMPLETED
4. Crew stations CHECKED
5. Brakes TEST AND SET
6. Circuit breakers CHECKED
7. Electrical equipment ALL OFF
8. Cowl flaps OPEN
9. Gear lever/emerg. knob DOWN/STOWED
10. Fuel selector BOTH
11. Mixture IDLE CUT-OFF
12. Propeller FULL FWD
13. Alternate static air NORMAL
14. Doors CLOSED AND CHECKED
15. Battery switch ON
16. Tacho time (PFD) NOTED
17. Battery CHECKED
18. Anti-collision light ON

ENGINE START

1. Induct Air COLD
2. Fuel pump. 3-5 SECONDS IF REQUIRED/OFF
3. Throttle OPEN 2CM
4. Propeller area FREE
5. Ignition START AND ENRICH TO X

AFTER ENGINE START CHECKLIST

1. Throttle 1000 RPM
2. Oil pressure CHECKED
3. Mixture LEAN FOR TAXI
4. Alternator ON & LOAD CHKD
5. Charging levels CHECKED
6. Fuel pressure CHECKED

BEFORE TAXI CHECKLIST

1. Radio master ON
2. Transponder STBY CHECKED
3. Aviation Database/Nav-aids (IFR) VALID/CHKD
4. Compass and heading indicator .X-CHECKED
5. Autopilot CHECK & THEN OFF
6. ATIS RECEIVED
7. Altimeters SET & X-CHKD
8. Clearance (IFR) RECEIVED
9. Nav/comms setup ... PERFORMED/CHECKED
10. Strobe lights IF REQUIRED
11. Parking brake RELEASE

TAXI CHECKLIST

1. Flight instruments CHECK IN TURN
2. Brakes CHECKED

BEFORE TAKEOFF CHECKLIST

1. Parking brake SET
2. Flight controls FULL TRAVEL
3. Fuel selector BOTH
4. Engine instruments CHECKED
5. Mixture RICH
6. Throttle 2000RPM - ENGINE RUNS CLEAN
7. Magnetos CHECKED
8. Propeller CYCLE 3 TIMES
9. Induct air HOT/COLD
10. Electrical load CHECKED
11. Throttle IDLE THEN 1000RPM
12. Friction lock CHECKED
13. Elevator and rudder trims SET
14. Flaps SET FOR TAKEOFF

15. Oil temperature >160 (GREEN)
16. Doors CHECKED
17. Altimeters SET & X-CHKD
18. Fuel pump ON & PRESSURE CHKD
19. Flight & engine instruments CHECKED
20. Emergency checklist REPEATED
21. Clearance (IFR) RECEIVED
22. Departure briefing PERFORMED

ON RUNWAY

1. Pitot heat AS REQUIRED
2. Strobe and Landing lights ON/P+S
3. Transponder ALT
4. T/O time NOTE
5. Heading indicator RWY HDG CHKD

CLIMB CHECKLIST

1. Gear UP
2. Flaps UP
3. Climb power and mixture SET
4. Landing light OFF
5. Fuel pump OFF
6. Altimeter 1013@TA/FL

CRUISE CHECKLIST

1. Cowl flaps CLOSED
2. Doors seal ACTIVATED
3. Cruise power and mixture SET

DESCENT CHECKLIST

1. Altimeters SET & X-CHKD
2. Cowl flaps CLOSED
3. Approach briefing (IFR) PERFORMED
4. NAV-aids (IFR) SET & IDENTIFIED

APPROACH CHECKLIST

1. Altimeters SET & X-CHKD
2. Fuel selector BOTH
3. Fuel pump ON
4. Door sealing RELEASE

COMPLETED TO GEAR DOWN

5. Gear DOWN/3 GREEN
6. Flaps APCH
7. Landing light ON/S
8. Mixture FULL RICH
9. Brake pressure CHECKED
10. Cowl flaps OPEN
11. Propeller FULL FWD ON FINAL
12. Flaps LANDING

AFTER LANDING CHECKLIST

1. Fuel pump OFF
2. Fuel selector L or R
3. Pitot heat OFF
4. Flaps UP
5. Transponder STBY
6. Landing & strobe lights OFF
7. Landing time NOTE

PARKING CHECKLIST

1. Parking brake SET
2. Throttle 1000 RPM
3. Electrical equipment & radio OFF
4. Mixture IDLE CUT-OFF
5. Ignition OFF
6. Anti-collision light OFF
7. Tacho time NOTE
8. Battery & Alternator OFF
9. Fuel selector L or R