

**PREFLIGHT CHECK inside**

- 1. Master switch ..... ON
- 2. Fuel ..... Endurance (X hours X minutes)
- 3. Master switch ..... OFF
- 4. Magnetos ..... Off
- 5. Mixture ..... Idle cut-off
- 6. Flaps ..... Full down
- 7. Parking brake ..... SET

**PREFLIGHT CHECK outside**

*Lights - Pitot heater - Stall warning*

- 8. General condition ..... Checked (+ 3 covers - chocks - tow bar)
- 9. Fuel ..... Fuel caps closed + 3 drains
- 10. Oil ..... Checked (Max 8 Qts - Min 6 Qts) (1Qts=0,95L)

**PREFLIGHT CHECK COMPLETED**

**CHECK BEFORE ENGINE START**

- 1. Flaps..... UP
- 2. Parking brake ..... Set
- 3. Radio Master Switch ..... Off
- 4. All Electrical switches ..... Off
- 5. Circuit breakers ..... In
- 6. ELT ..... Position Arm
- 7. Master + Alternator switches ..... ON
- 8. Electric Fuel pump ..... ON - Fuel pressure checked
- 9. Fuel Quantity ..... Endurance (X Hours X minutes)
- 10. Fuel Selector ..... Open
- 11. Mixture ..... FULL RICH
- 12. Carburettor Heat ..... Off

**CHECK BEFORE ENGINE START COMPLETED**

**ENGINE START**

- 1. Beacon ..... ON (Canopy closed + Feet on brakes)
- 2. Propeller Area ..... Left wing to Right wing checked
- 3. Magneto ..... LEFT
- 4. Throttle ..... Cold engine: 3 INJECT / Warm engine: 1 INJECT
- 5. Starter button ..... PUSH (maintain until engine starts - MAX 30")
- 6. Magnetos ..... BOTH (when engine starts)
- 7. Throttle ..... 1200 RPM
- 8. Oil Pressure ..... Green Range (within 20 seconds)

**ENGINE START COMPLETED**

NOTES: Main Tank 109L usable / Auxiliary Tank 50L / Fuel consumption at 65% = 34L/h  
VA 116kts / 215km/h / Xwind demonstr. 22kts / Max T/O Mass 1000kg / Max Baggage Mass 40kg

**CHECK AFTER ENGINE START**

- 1. Electric Fuel pump ..... OFF - Fuel pressure checked
- 2. AMMETER ..... Green Range
- 3. Radio Master Switch ..... ON
- 4. Radios / Nav Aids / GPS ..... SET - Volume checked
- 5. Transponder..... ALT - 7000
- 6. ATIS ..... Noted

**CHECK AFTER ENGINE START COMPLETED**

**CHECK BEFORE TAXI (CHETIFS if by heart)**

- 1. Flight Controls ..... FREE
- 2. Propeller (Hélice) ..... Fix Pitch
- 3. Fuel (Esence) Quantity ..... Endurance (X Hours X minutes)
- Selector ..... Open
- Mixture ..... Full rich
- Carburettor Heat ..... Off
- 4. Trim ..... FREE / T/O Range set
- 5. Flight Instruments ..... Checked / Alarm lights TESTED
- 6. Flaps ..... Checked Symmetrical (T/O and LDG pos.) / UP
- 7. Security ..... Seats Locked - Belts Fastened - Canopy Closed

**CHECK BEFORE TAXI COMPLETED**

**Before moving on the tarmac: ..... TAXI LIGHT ON / BRAKES RELEASED**  
**For every stop .....1000 RPM / PARKING BRAKE SET / TAXI LIGHT OFF**

**TAXI CHECK**

- 1. Brakes ..... Checked
- 2. Compass / HSI ..... Right turn Hdg incr. - Left turn Hdg decr.
- 3. Turn coordinator ..... Tilt in turn direction, ball opposite
- 4. Attitude Indicator (Horizon) ..... Stable

**TAXI CHECK COMPLETED**

**RUN UP**

- 1. Parking Brake ..... Set
- 2. Oil Pressure and Temperature ..... Green range
- 3. Throttle ..... 2000 RPM
- 4. Magnetos (Left - Both - Right - Both).. Checked (Max drop 175 RPM / Max Δ 50 RPM)
- 5. Carburettor Heat ..... ON then OFF (Min drop 100 RPM)
- 6. Mixture ..... Checked (EGT)
- 7. Throttle ..... IDLE Checked (600-650 RPM) then 1000 RPM

**RUN UP COMPLETED**

**CHECK BEFORE DEPARTURE**

- 1. Take OFF Briefing ..... Completed (VBest glide clean 78kts/145km/h)
- 2. Electric Fuel pump ..... ON - Fuel pressure checked
- 3. Landing + Strobe + Nav Lights ..... ON
- 4. FLARM ..... ON / NORMAL
- 5. Flaps..... 1<sup>st</sup> Notch SET

**CHECK BEFORE DEPARTURE COMPLETED**

**LINE UP CHECK (Before line-up)**

- 1. Approach free ..... Checked
  - 2. Runway ..... XX Identified
- (On Centerline)**
- 3. Runway Heading (Compass/Gyro) ..... Checked
  - 4. Wind ..... Checked within limits

**READY FOR DEPARTURE**

**CLIMB CHECK**

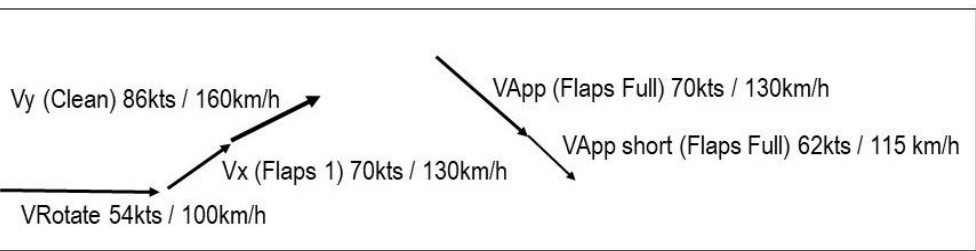
- 1. Climb Power ..... Set
- 2. Flaps..... Up
- 3. Electric fuel pump ..... OFF - Fuel pressure CHECKED
- 4. LIGHTS ..... Set as Required

**CLIMB CHECK COMPLETED**

**CRUISE CHECK**

- 1. Power ..... 65% Set  
4000ft = 2450 RPM      6000ft = 2500 RPM      8000ft = 2550 RPM
- 2. Mixture ..... Set (EGT)
- 3. FUEL Management ..... Auxiliary Tank TRANSFER or CLOSED
- 4. Engine Instruments ..... Green Range
- 5. Altimeter ..... Set (QNH or STD 1013,2 hPa for FL)
- 6. Transponder ..... ALT - CODE Checked

**CRUISE CHECK COMPLETED**



**CHECK FOR APPROACH (GAREL)**

- 1. ATIS ..... Noted
- 2. Approach Briefing ..... Completed
- 3. Gyro ..... Synchronised
- 4. Altimeter ..... QNH Set - Reading XXXX feet
- 5. Radio - Nav Aids ..... Set - Volume Checked
- 6. FUEL (Essence) Electric pump ..... ON - Fuel pressure CHECKED  
Quantity ..... Endurance (X Hours X minutes)  
Selector ..... Open  
Mixture ..... Full rich  
Carburettor Heat ..... As Required
- 7. Lights ..... LANDING LIGHT ON
- 8. FLARM ..... On / APPROACH

**CHECK FOR APPROACH COMPLETED**

**FINAL CHECK**

- 1. Final Approach ..... Stabilized (Centerline - Glidepath - Speed)
- 2. Configuration ..... Full Flaps
- 3. Carburettor Heat ..... OFF (or as Required)

**FINAL CHECK COMPLETED**

**CHECK AFTER LANDING**

- 1. Lights ..... LANDING and STROBE OFF - TAXI ON
- 2. FLARM ..... OFF
- 3. Carburettor Heat ..... Off
- 4. Electric Fuel Pump ..... OFF - Fuel pressure checked
- 5. Transponder..... ALT - 7000
- 6. Trim ..... MIDDLE of T/O Range SET
- 7. Flaps ..... UP

**CHECK AFTER LANDING COMPLETED**

**PARKING CHECK**

- 1. Throttle ..... 1000 RPM
- 2. Parking Brake ..... SET
- 3. Taxi LIGHT ..... OFF
- 4. Radio Master switch ..... OFF
- 5. Beacon & all Electrical switches ..... OFF
- 6. Mixture ..... IDLE CUT-OFF
- 7. Magnetos ..... OFF - Key OUT
- 8. Master + Alternator switches ..... OFF
- 9. Flaps ..... DOWN

**PARKING CHECK COMPLETED**