

**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
- 8. Pitot and Static Drains ..... PUSH to drain

**PREFLIGHT CHECK outside**

*Lights - Pitot heater - Stall warning*

- 9. General condition ..... Checked (+ Pitot cover - chocks - tow bar)
- 10. Fuel ..... Fuel caps closed + 3 drains
- 11. Oil ..... Checked (Max 12 Qts - Min 6 Qts) (1Qts=0,95L)

**PREFLIGHT CHECK COMPLETED**

**CHECK BEFORE ENGINE START**

- 1. Flaps..... UP
- 2. Parking brake ..... Set
- 3. Radio Power Switch ..... Off
- 4. All Electrical switches ..... Off
- 5. Circuit breakers ..... In
- 6. ELT ..... Position Armed
- 7. Master (Bat + Alt.) ..... ON
- 8. Electric Fuel pump ..... ON - Fuel pressure checked
- 9. Fuel Quantity ..... Endurance (X Hours X minutes)
- 10. Fuel Selector ..... ON (Fullest tank)
- 11. Mixture ..... FULL RICH
- 12. Carburettor Heat ..... Off
- 13. Propeller ..... High RPM

**CHECK BEFORE ENGINE START COMPLETED**

**ENGINE START**

- 1. Propeller Area ..... Left wing to Right wing checked / Feet on brakes
- 2. Primer ..... 4-5 INJECT (Hot 2 INJECT) then LOCKED
- 3. Starter ..... ENGAGE until engine starts (Max 30")
- 4. Throttle ..... 1000 - 1200 RPM
- 5. Oil Pressure ..... Green Range (within 30 seconds)

**ENGINE START COMPLETED**

NOTES: 2 Wing Tanks FULL (36/36) 72USG usable / Filler Neck (25/25) 50USG  
 Fuel consumption at 65% = 13USG/h (52L/h) / Xwind demonstrated. 17kts  
 VA 124kts at 3000lbs (113kts / 2500lbs - 102kts / 2000lbs)  
 Max T/O Mass 3000lbs (1361kg) / Max Baggage Mass 200lbs (90,7kg)

**CHECK AFTER ENGINE START**

- 1. Electric Fuel pump ..... OFF - Fuel pressure checked
- 2. AMMETER ..... Positive
- 3. Radio Power / Nav Aids ..... ON and 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 (Autopilot OFF)
- 2. Propeller (**Hélice**) ..... High RPM
- 3. Fuel (**Essence**) Quantity ..... Endurance (X Hours X minutes)
  - Selector ..... On (Fullest tank)
  - Mixture ..... Full rich
  - Carburettor Heat ..... Off
  - Primer ..... Locked
- 4. Autopilot & Trims ..... Checked / Trims SET T/O position
- 5. Flight Instruments ..... Checked / Alarm lights tested
- 6. Flaps ..... Checked Symmetrical (3 positions) / UP
- 7. Security ..... Seats Locked - Belts Fastened - Door Closed

**CHECK BEFORE TAXI COMPLETED**

**TAXI CHECK**

- 1. Brakes ..... Checked
- 2. Compass / Gyro ..... 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**

*(Note: not longer then 10" on one Magneto)*

- 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. Propeller (Max Drop 500RPM)..... DECREASE then INCREASE (Low Oil T° = 3x)
- 8. Throttle ..... IDLE Checked (600-700 RPM) then 1000 RPM

**RUN UP COMPLETED**

**CHECK BEFORE DEPARTURE**

- 1. Take OFF Briefing ..... Completed (VBest glide clean 85kts)
- 2. Electric Fuel pump ..... ON - Fuel pressure checked
- 3. Landing + Anti Col. + Nav Lights ..... ON
- 4. FLARM ..... ON / NORMAL
- 5. Flaps..... 2nd Notch SET (25°)

**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**

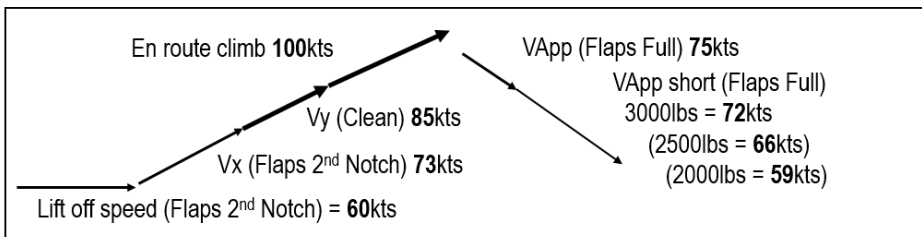
- 1. Climb Power ..... Set
- 2. Flaps..... Up
- 3. Electric Fuel pump ..... OFF - Fuel pressure CHECKED
- 4. LIGHTS ..... Set as Required

**CLIMB CHECK COMPLETED**

**CRUISE CHECK**

- 1. Power ..... 65% Set at 2300RPM  
4000ft = 21,0MP TAS 124kts 6000ft = 20,3MP TAS 130kts 8000ft = 19,9MP TAS 134kts
- 2. Mixture ..... Set (EGT)
- 3. FUEL Management ..... Check Balance (Fuel pump ON when switching)
- 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 / ESP ..... Synchronised / ESP ..... DISABLE on PFD
- 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 ..... ON Fullest tank  
Mixture ..... Full rich  
Carburetor Heat ..... As Required
- 7. Lights ..... LANDING LIGHT ON
- 8. FLARM ..... On / APPROACH

**CHECK FOR APPROACH COMPLETED**

**FINAL CHECK**

- 1. Autopilot ..... Off (ESP Disabled)
- 2. Final Approach ..... Stabilized (Centerline - Glidepath - Speed)
- 3. Configuration ..... Full Flaps (3rd Notch / 40°) / or as required
- 4. Carburetor Heat ..... OFF (or as Required)
- 5. Propeller ..... HIGH RPM

**FINAL CHECK COMPLETED**

**CHECK AFTER LANDING**

- 1. Lights ..... ANTI COLLISION OFF
- 2. FLARM ..... OFF
- 3. Carburetor Heat ..... Off
- 4. Electric Fuel Pump ..... OFF - Fuel pressure checked
- 5. Trims ..... SET NEUTRAL
- 6. Flaps ..... UP

**CHECK AFTER LANDING COMPLETED**

**PARKING CHECK**

- 1. Throttle ..... 1000 - 1200RPM
- 2. Parking Brake ..... SET
- 3. LANDING LIGHT ..... OFF
- 4. Radio Power Switch ..... OFF
- 5. All Electrical switches ..... OFF
- 6. Mixture ..... IDLE CUT-OFF
- 7. Magnetos ..... OFF - Key OUT
- 8. Master (Bat + Alt.) ..... OFF

**PARKING CHECK COMPLETED**