

**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..... ON - 7000 - GND
- 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 / Gyro ..... Right turn Hdg incr. - Left turn Hdg decr.
- 3. Turn coordinator ..... Tilt in turn direction, ball opposite
- 4. Attitude Indicator (Horizon) ..... Stable

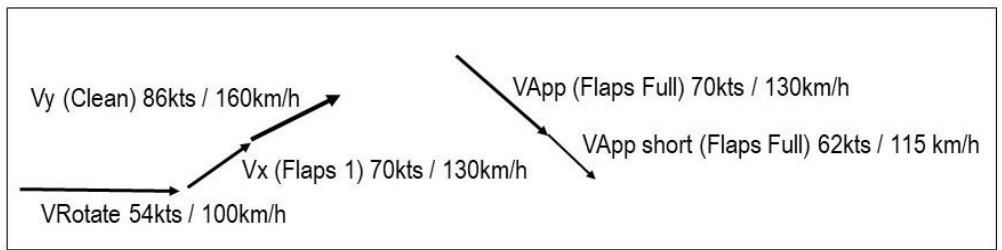
**TAXI CHECK COMPLETED**

**RUN UP**

- 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. Suction ..... Green range
- 8. Throttle ..... IDLE Checked (600-650 RPM) then 1000 RPM

**RUN UP COMPLETED**

<b>CHECK BEFORE DEPARTURE</b>		
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	
<b>CHECK BEFORE DEPARTURE COMPLETED</b>		
<b>LINE UP CHECK (Before line-up)</b>		
1. Approach free .....	Checked	
2. Runway .....	XX Identified	
<b>(On Centerline)</b>		
3. Runway Heading (Compass/Gyro) .....	Checked	
4. Wind .....	Checked within limits	
<b>READY FOR DEPARTURE</b>		
<b>CLIMB CHECK</b>		
1. Climb Power .....	Set	
2. Flaps.....	Up	
3. Electric fuel pump .....	OFF - Fuel pressure CHECKED	
4. LIGHTS .....	Set as Required	
<b>CLIMB CHECK COMPLETED</b>		
<b>CRUISE CHECK</b>		
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	
<b>CRUISE CHECK COMPLETED</b>		



<b>CHECK FOR APPROACH (GAREL)</b>		
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	
<b>CHECK FOR APPROACH COMPLETED</b>		
<b>FINAL CHECK</b>		
1. Final Approach .....	Stabilized (Centerline - Glidepath - Speed)	
2. Configuration .....	Full Flaps	
3. Carburettor Heat .....	OFF (or as Required)	
<b>FINAL CHECK COMPLETED</b>		
<b>CHECK AFTER LANDING</b>		
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.....	GND - 7000	
6. Trim .....	MIDDLE of T/O Range SET	
7. Flaps .....	UP	
<b>CHECK AFTER LANDING COMPLETED</b>		
<b>PARKING CHECK</b>		
1. Throttle .....	1000 RPM	
2. Parking Brake .....	SET	
3. Taxi LIGHT .....	OFF	
4. Radio Master switch .....	OFF	
5. All Electrical switches .....	OFF	
6. Mixture .....	IDLE CUT-OFF	
7. Magnetos .....	OFF - Key OUT	
8. Master + Alternator switches .....	OFF	
9. Flaps .....	DOWN	
<b>PARKING CHECK COMPLETED</b>		