

**PREFLIGHT CHECK inside**

- 1. Magneto Switch ..... Off (Key out)
- 2. Battery ..... ON
- 3. Fuel ..... Endurance (X hours X minutes)
- 4. Battery ..... OFF
- 5. Mixture ..... Lean
- 6. Flaps ..... Full down
- 7. Parking brake ..... SET

**PREFLIGHT CHECK outside**

*Lights - Stall warning*

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

**PREFLIGHT CHECK COMPLETED**

**CHECK BEFORE ENGINE START**

- 1. Parking brake ..... Set
- 2. Battery ..... ON
- 3. Flaps ..... UP
- 4. Avionic Master ..... Off
- 5. All Electrical switches ..... Off
- 6. Circuit breakers ..... In
- 7. ELT ..... Position Armed
- 8. Fuel Selector ..... ON (OPEN)
- 9. Fuel Quantity ..... Endurance (X Hours X minutes)
- 10. Electric Fuel pump ..... ON - (Alarm PRESS ESSENCE extinguished)
- 11. Mixture ..... FULL RICH
- 12. Carburettor Heat ..... Off

**CHECK BEFORE ENGINE START COMPLETED**

**ENGINE START**

- 1. FLASH light ..... ON (Canopy closed + Feet on brakes)
- 2. Propeller Area ..... Left wing to Right wing checked
- 3. Throttle ..... 2- 3 INJECT / Warm engine: No Injection
- 4. Starter ..... ENGAGE until engine starts (Max 20'')
- 5. Throttle ..... 1200 RPM
- 6. Oil Pressure ..... Green Range (within 15-20 seconds)
- 7. Alarm PRESS. HUILE ..... Checked (Extinguished)
- 8. Alarm DEMARREUR ..... Checked (Extinguished)

**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. FLASH light ..... OFF
- 2. Electric Fuel pump ..... OFF - (Alarm PRESS ESSENCE extinguished)
- 3. Alternator ..... ON - (Alarm CHARGE extinguished)
- 4. Avionic Master ..... ON
- 5. Electronic Display / Radios / Nav Aids. SET - Volume checked
- 6. AP / Trim switches ..... ON
- 7. TRX Traffic System ..... ON
- 8. Transponder..... ALT - 7000
- 9. 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 (Essence) Quantity ..... Endurance (X Hours X minutes)
  - Selector ..... On
  - Mixture ..... Full rich
  - Carburettor Heat ..... Off
- 4. AUTOPILOT and Trim ..... CHECKED / T/O position SET
- 5. Flight Instruments PFD & STBY..... Checked / SET / 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**

**TAXI CHECK**

- 1. Brakes ..... Checked
- 2. Compass / PFD ..... Right turn Heading incr. - Left turn Heading. decr.
- 3. PFD and STBY ..... Stable / Slip indicator on PFD correct

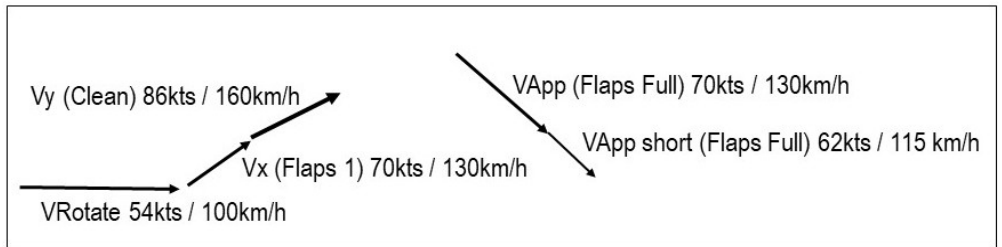
**TAXI CHECK COMPLETED**

**RUN UP**

- 1. Parking Brake ..... Set
- 2. Oil Pressure and Temperature ..... Green range
- 3. Throttle ..... 2000 RPM
- 4. Magnetos (L - Both - R - Both) ..... Checked (Max drop 175 RPM / Max Δ 50 RPM)
- 5. Carburettor Heat ..... ON then OFF (Min drop 100 RPM)
- 6. Mixture ..... Checked (RPM-EGT)
- 7. Throttle ..... IDLE Checked (600-650 RPM) then 1200 RPM

**RUN UP COMPLETED**

<b>CHECK BEFORE DEPARTURE</b>	
1. Electric Fuel pump .....	ON - (Alarm PRESS ESSENCE extinguished)
2. Flaps .....	1 <sup>st</sup> Notch SET
3. FLASH + LDG + NAV Lights .....	ON
4. Take OFF Briefing .....	Completed (VBest glide clean 78kts/145km/h)
<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/PFD) .....	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 - (Alarm PRESS ESSENCE extinguished)
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 (RPM - EGT)
3. FUEL Management .....	Auxiliary Tank OPEN 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) Instruments .....	Checked (Heading on PFD vs Compass)
4. Altimeters PFD & STBY .....	QNH Set - Reading XXXX feet
5. Radio - Nav Aids .....	Set - Volume Checked
6. FUEL (Essence) Electric pump .....	ON - (Alarm PRESS ESSENCE extinguished)
Quantity .....	Endurance (X Hours X minutes)
Selector .....	Open
Mixture .....	Full rich
Carburettor Heat .....	As Required
7. Lights .....	LANDING LIGHT ON
<b>CHECK FOR APPROACH COMPLETED</b>	
<b>FINAL CHECK</b>	
1. Autopilot .....	Checked Off
2. Final Approach .....	Stabilized (Centerline - Glide-path - Speed)
3. Configuration .....	Full Flaps
4. Carburettor Heat .....	OFF (or as Required)
<b>FINAL CHECK COMPLETED</b>	
<b>CHECK AFTER LANDING</b>	
1. FLASH + LDG + NAV lights .....	OFF (TAXI light ON)
2. Electric Fuel Pump .....	OFF - (Alarm PRESS ESSENCE extinguished)
3. Carburettor Heat .....	Off
4. Trim .....	T/O position
5. Flaps .....	UP
<b>CHECK AFTER LANDING COMPLETED</b>	
<b>PARKING CHECK</b>	
1. Throttle .....	1000 RPM
2. Parking Brake .....	SET (TAXI light OFF)
3. Flaps .....	DOWN
4. AP / Trim switches .....	OFF
5. TRX Traffic System .....	OFF
6. Avionic Master .....	OFF
7. All Electrical switches .....	OFF
8. Mixture .....	IDLE CUT-OFF
9. Magnetos .....	OFF - Key OUT
10. Alternator .....	OFF
11. Battery .....	OFF
<b>PARKING CHECK COMPLETED</b>	