

<b>PREFLIGHT CHECK inside</b>	
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
<b>PREFLIGHT CHECK outside</b>	
<i>Lights - Pitot heater - Stall warning</i>	
9. General condition .....	Checked (+ Pitot cover - chocks - tow bar)
10. Fuel .....	Fuel caps closed + 3 drains
11. Oil .....	Checked (Max 8 Qts - Min 6 Qts) (1Qts=0,95L)
<b>PREFLIGHT CHECK COMPLETED</b>	
<b>CHECK BEFORE ENGINE START</b>	
1. Flaps .....	UP
2. Parking brake .....	Set
3. Radio + Nav Aids .....	Off
4. All Electrical switches .....	Off
5. Circuit breakers .....	In
6. ELT .....	Position Arm
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. Carburetor Heat .....	Off
<b>CHECK BEFORE ENGINE START COMPLETED</b>	
<b>ENGINE START</b>	
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 RPM
5. Oil Pressure .....	Green Range (within 30 seconds)
<b>ENGINE START COMPLETED</b>	

NOTES: 2 Wing Tanks FULL (24/24) 48USG usable / Filler Neck (17/17) 34USG  
 Fuel consumption at 65% = 9USG/h (34L/h) / Xwind demonstrated. 17kts  
 VA 111kts at 2440lbs (105kts / 2200lbs - 100kts / 2000lbs)  
 Max T/O Mass 2440lbs (1107kg) / Max Baggage Mass 200lbs (90,7kg)

<b>CHECK AFTER ENGINE START</b>	
1. Electric Fuel pump .....	OFF - Fuel pressure checked
2. AMMETER .....	Positive
3. Radios / Nav Aids .....	ON and SET - Volume checked
4. Transponder .....	ON - 7000 - GND
5. ATIS .....	Noted
<b>CHECK AFTER ENGINE START COMPLETED</b>	
<b>CHECK BEFORE TAXI</b> <i>(CHETIFS if by heart)</i>	
1. Flight Controls .....	FREE
2. Propeller (Hélice) .....	Fix Pitch
3. Fuel (Essence) Quantity .....	Endurance (X Hours X minutes)
Selector .....	On (Fullest tank)
Mixture .....	Full rich
Carburetor Heat .....	Off
Primer .....	Locked
4. Trims .....	FREE / Neutral
5. Flight Instruments .....	Checked / Alarm lights tested
6. Flaps .....	Checked Symetric (3 positions) / UP
7. Security .....	Seats Locked - Belts Fastened - Door Closed
<b>CHECK BEFORE TAXI COMPLETED</b>	
<b>Before moving on the tarmac: ..... LANDING LIGHT ON / BRAKES RELEASED</b>	
<b>For every stop .....1000 RPM / PARKING BRAKE SET / LANDING LIGHT OFF</b>	
<b>TAXI CHECK</b>	
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
<b>TAXI CHECK COMPLETED</b>	
<b>RUN UP</b>	
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. Carburetor Heat .....	ON then OFF (Min drop 100 RPM)
6. Mixture .....	Checked (EGT)
7. Suction .....	Green range
8. Throttle .....	IDLE Checked (500-700 RPM) then 1000 RPM
<b>RUN UP COMPLETED</b>	

<b>CHECK BEFORE DEPARTURE</b>	
1. Take OFF Briefing .....	Completed (VBest glide clean 73kts)
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°)
<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 .....	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 .....	AIR - 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 .....	ON Fullest tank
Mixture .....	Full rich
Carburetor 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 <sup>rd</sup> Notch / 40°)
3. Carburetor Heat .....	OFF (or as Required)
<b>FINAL CHECK COMPLETED</b>	
<b>CHECK AFTER LANDING</b>	
1. FLARM .....	OFF / NORMAL
2. Lights .....	ANTI COLLISION OFF
3. Electric Fuel Pump .....	OFF - Fuel pressure checked
4. Transponder .....	GND - 7000
5. Carburetor Heat .....	Off
6. Trims .....	SET NEUTRAL
7. Flaps .....	UP
<b>CHECK AFTER LANDING COMPLETED</b>	
<b>PARKING CHECK</b>	
1. Throttle .....	1000 RPM
2. Parking Brake .....	SET
3. LANDING LIGHT .....	OFF
4. Radio Nav Aids .....	OFF
5. All Electrical switches .....	OFF
6. Mixture .....	IDLE CUT-OFF
7. Magnetos .....	OFF - Key OUT
8. Master (Bat + Alt.) .....	OFF
<b>PARKING CHECK COMPLETED</b>	

