

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 8 Qts - Min 6 Qts) (1Qts=0,95L)

PREFLIGHT CHECK COMPLETED

CHECK BEFORE ENGINE START

- 1. Flaps UP
- 2. Parking brake Set
- 3. Radio + Nav Aids (PJI RADIO POWER) 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

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" - PJI 10")
- 4. Throttle 1000 RPM
- 5. Oil Pressure Green Range (within 30 seconds)

ENGINE START COMPLETED

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)

CHECK AFTER ENGINE START

- 1. Electric Fuel pump OFF - Fuel pressure checked
- 2. AMMETER Positive
- 3. Radios / Nav Aids (PJI RADIO POWER) ON and SET - Volume checked
- 4. Transponder ON - 7000 - GND **HB-PJI** Switch GND
- 5. 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 (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

CHECK BEFORE TAXI COMPLETED

Before moving on the tarmac: LANDING LIGHT ON / BRAKES RELEASED
For every stop1000 RPM / PARKING BRAKE SET / LANDING 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. 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

RUN UP COMPLETED

CHECK BEFORE DEPARTURE

- 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. **HB-PJI** Transponder switch ALT
- 6. 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

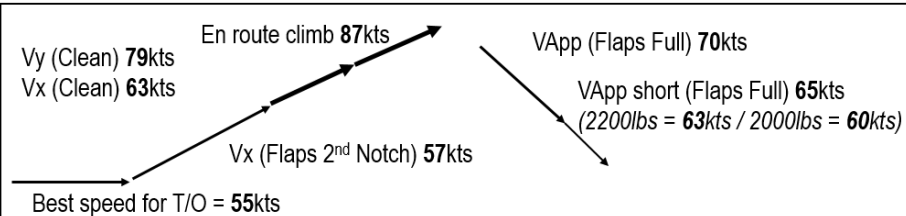
- 1. Climb Power Set
- 2. Flaps Up
- 3. Electric Fuel pump OFF - Fuel pressure CHECKED
- 4. LIGHTS Set as Required

CLIMB CHECK COMPLETED

CRUISE CHECK

- 1. Power 65% Set
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

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 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. Final Approach Stabilized (Centerline - Glidepath - Speed)
- 2. Configuration Full Flaps (3rd Notch / 40°)
- 3. Carburetor Heat OFF (or as Required)

FINAL CHECK COMPLETED

CHECK AFTER LANDING

- 1. FLARM OFF / NORMAL
- 2. Lights ANTI COLLISION OFF
- 3. Electric Fuel Pump OFF - Fuel pressure checked
- 4. Transponder GND - 7000 **HB-PJI** Switch GND
- 5. Carburetor Heat Off
- 6. Trims SET NEUTRAL
- 7. Flaps UP

CHECK AFTER LANDING COMPLETED

PARKING CHECK

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

PARKING CHECK COMPLETED