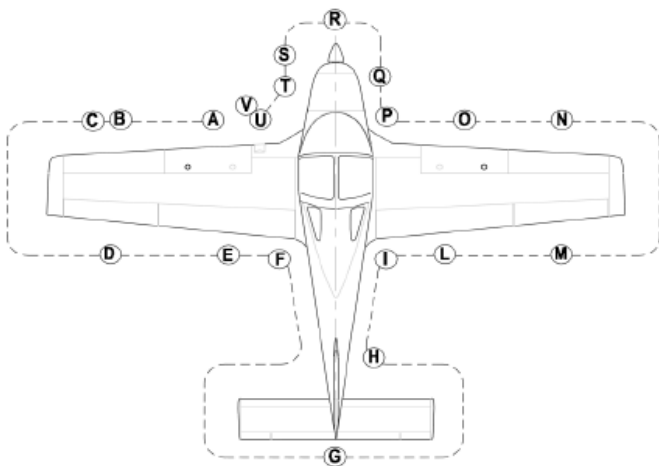


CABIN PRELIMINARY CHECK

1	MASTER SWITCH	OFF
2	PARK BRAKE	ENGAGE AND BRAKE PEDAL PRESS/BRAKE LEVER PULL
3	AIRCRAFT DOCUMENTS	CHECK
4	WEIGHT & BALANCE	VERIFY
5	SAFETY BELTS	CHECK CONNECTION/CONDITION
6	FLIGHT CONTROL	REMOVE LOCK/CHECK TRAVEL
7	MAGNETOS	OFF/KEY EXTRACTED
8	MASTER SWITCH	ON
9	VOLTMETER CHECK	CHECK 10-12 VOLT
10	AMMETER CHECK	RED ARC
11	FUEL LEVEL	VERIFY
12	ACOUSTIC STALL WARNING	CHECK
13	NAV/STROBE/LDG/LIGHT	CHECK ALL ON
14	MASTER SWITCH	OFF
15	FAK/FIRE EXT/ELT/CANOPY HAMMER/BAGGAGE RESTRAIN	CHECK
CABIN PRELIMINARY CHECK LIST		COMPLETED

AIRCRAFT WALK-AROUND



- A Left fuel filler cap: check visually for desired fuel level. Drain the left fuel tank by drainage valve using a cup to collect fuel (drainage operation must be carried out with the aircraft parked on a level surface). Check for water or other contaminants. Close filler cap.
- B Remove protection plug (if provided) and check Pitot tube and the static ports mounted on left wing are unobstructed; do not blow inside vents.
- C Left side leading edge and wing skin: visual inspection
- D Left aileron, trim tab and hinges: visual inspection, check free of play, friction; Left tank vent: check for obstructions.
- E Left flap and hinges: visual inspection
- F Left main landing gear: check inflation, tyre condition, alignment, fuselage skin condition and antennas below and over
- G Horizontal tail and tab: visual inspection, check free of play, friction
- H Vertical tail, rudder and trim tab: visual inspection, check free of play, friction.
- I Check right fuselage gear and the external power receptacle closure
- L Right flap and hinges: visual inspection.
- M Right aileron, trim tab and hinges: visual inspection, check free of play, friction; Right side tank vent: check for obstructions.
- N Right leading edge and wing skin: visual inspection.
- O Right fuel filler cap: check visually for desired fuel level. Drain the right fuel tank by the drainage valve using a cup to collect fuel. Drainage operation must be carried out with the aircraft parked on a level surface. Check for water or other contaminants. Close filler cap.
- P Set the fuel selector valve to ON. Drain circuit using a cup to collect fuel by opening the specific drainage valve (part of the gascolator). Check for water or other contaminants.
- Q Nose wheel strut and tyre: check inflation, tyre and rubber shock absorber discs condition.
- R Propeller and spinner condition: check for nicks, cracks, dents and other defects, propeller should rotate freely. Check fixing and lack of play between blades and hub.
- S Open right and left engine cowlings:
1. Check no foreign objects are present.
 2. Verify coolant level in the overflow bottle: level must be between min. and max. mark. Replenish if required.
 3. Only before the first flight of the day:
 - a. Verify coolant level in the expansion tank, replenish as required up to top (level must be at least 2/3 of the expansion tank).

- S Verify coolant level in the expansion tank, replenish as required up to top (level must be at least 2/3 of the expansion tank).
- b. Turn the propeller by hand to and fro, feeling the free rotation of 15° or 30° before the crankshaft starts to rotate. If the propeller can be turned between the dogs with practically no friction at all further investigation is necessary. Turn propeller by hand in direction of engine rotation several times and observe engine for odd noises or excessive resistance and normal compression.
- c. Carburetors: check the throttle cable condition and installation.
- d. Exhaust: inspect for damages, leakage and general condition
4. Check radiators. There should be no indication of leakage of fluid and they have to be free of obstructions.
5. Check oil level and replenish as required. Prior to oil check, having ignition key off turn the propeller by hand in direction of engine rotation several times to pump oil from the engine into the oil tank, or let the engine idle for 1 minute. This process is finished when air is returning back to the oil tank and can be noticed by a murmur from the open oil tank. Prior to long flights oil should be added so that the oil level reaches the max mark.
6. Inspect fuel circuit for leakages.
7. Check integrity of silent-block mountings.
8. Check connection and integrity of air intake system, visually inspect that ram air intake is unobstructed.
9. Check that all parts are secured or safetied.
- T Close engine cowlings, check for proper alignment of cam-locks.
- U Visual inspection of the Landing, NAV and Strobe Light.
- V Remove tow bar and chocks, stow on board pitot, static ports and stall warning protective covers.

AIRCRAFT WALK-AROUND

COMPLETED

BEFORE ENGINE STARTING

1	SEAT & SEAT BELTS	ADJUST/FASTEN
2	FLIGHT CONTROLS	CHECK TRAVEL
3	THROTTLE FRICTION	ADJUST
4	CIRCUIT BREAKERS	CHECK ALL IN
5	PARK BRAKE	CHECK SET
6	MASTER SWITCH	ON
7	GENERATOR LIGHT/VOLTAGE	CHECK ON/10.5 VOLT AT LEAST
8	ELECTRIC FUEL PUMP	ON/CHECK NOISE & PRESSURE RISE/OFF
9	AVIONIC MASTER SWITCH	ON/CHECK INSTRUMENTS/OFF
10	FLAP CONTROL	Cycle fully extended and then set T/O
11	PITCH TRIM	Cycle fully up and down, from both left and right controls, check for trim disconnect switch operation. SET NEUTRAL
12	NAV & STROBE LIGHTS	ON
13	FUEL QUANTITY	Compare the fuel quantity indicators information with fuel quantity visually checked into the tanks
14	CANOPY	CLOSED & LOCKED
15	MISSION BRIEFING	PERFORM
BEFORE ENGINE STARTING CHECK LIST		COMPLETED

ENGINE STARTING

1	MASTER SWITCH	ON
2	THROTTLE	IDLE
3	CHOCK	AS REQUIRED
4	FUEL SELECTOR	ON LESSER TANK
5	ELECTRIC FUEL PUMP	ON
6	AREA AROUND PROPELLER	CLEAR
7	VIA DALL'ELICA	SHOUT
8	IGNITION SWITCH	BOTH THEN START
9	OIL PRESSURE RISE	CHECK WITHIN 10 SEC
10	CHOKE	OFF
11	PROPELLER RPM	1000/1200
12	GENERATOR SWITCH	ON
13	VOLTMETER/AMMETER	>14VOLT/GREEN ARC
14	ENGINE INSTRUMENTS	CHECK
15	ELECTRIC FUEL PUMP	OFF
16	FUEL PRESSURE	MINIMUM 2,2 PSI
ENGINE STARTING CHECK LIST		COMPLETED

BEFORE TAXIING

1	AVIONIC MASTER SWITCH/RADIO/AVIONIC	ON
2	RADIO AND AVIONIC	ON
3	TRANSPONDER	STBY
4	ALTIMETER	SET QNH or QFE
5	GYRO & FLIGHT INSTRUMENTS	CHECK/ALIGN
6	RADIO CALL	PERFORM
7	LANDING LIGHT	ON
8	PARKING BRAKE	RELEASE
BEFORE TAXIING CHECK LIST		COMPLETED

	NORMAL CHECK LIST	P2002JF NO NIGHT VFR
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TAXIING

1	BRAKES	CHECK
2	STEERING	CHECK
3	GYRO INSTRUMENTS & COMPASS	CHECK
TAXIING CHECK LIST		COMPLETED

ENGINE RUN UP

1	PARKING BRAKE	Pedal press and SET
2	LANDING LIGHT	OFF
3	ENGINE INSTRUMENTS	WITHIN LIMITS Oil pressure: 2-5 bar (above 1400 rpm) 0.8 bar (below 1400 rpm)
4	GENERATOR LIGHT	CHECK OFF
5	ELECTRIC FUEL PUMP	ON
6	FUEL SELECTOR / FUEL PRESSURE	ON FULLEST TANK/CHECK
7	PROPELLER	1640 RPM
8	IGNITION TEST	a. Select LH, check drop within 130 RPM; b. Select BOTH: check speed 1640 RPM; c. Select RH: check speed drop within 130 RPM; d. Select BOTH: check speed 1640 RPM e. Maximum difference between LH and RH 50 RPM;.
9	CARBURATOR HEAT CONTROL	CHECK a. Pull selector fully out b. Propeller speed: check 100 RPM drop c. Push selector fully IN d. propeller speed: check 1640 RPM
10	VACUUM	GREEN ARC
11	PROPELLER	1000-1200 RPM
12	FLAPS	SET TO (15°)
13	PITCH TRIM	NEUTRAL
14	FLIGHT CONTROL	CHECK TRAVEL
15	SEAT BELTS	FASTENED
16	CANOPY	CLOSED & LOCKED ON 3 POINTS
ENGINE RUN UP CHECK LIST		COMPLETED

BEFORE TAKE OFF

1	FINAL AND EMERGENCY BRIEFING	PERFORM
2	CARBURETTOR HEAT	OFF
3	RUNWAY & TRAFFIC PATTERN	CLEAR OF TRAFFIC
4	RADIO CALL	PERFORM

-----WHEN CLEARED/READY FOR TAKE OFF-----

5	LANDING LIGHT	ON
6	TRANSPONDER	ALT
7	PARKING BRAKE	RELEASED
BEFORE TAKE OFF CHECK LIST		COMPLETED

TAKE OFF & CLIMB

1	DIRECTIONAL GYRO/COMPASS	ALIGN
2	TIMER	START
3	THROTTLE	SET FULL: 2100 +/- 100 RPM
4	ENGINE INSTRUMENTS/	CHECK
5	ANEMOMETER INDICATION	CHECK
6	ROTATION SPEED	ALL WEIGHTS 42 KIAS
7	FLAP RETRACTION SPEED	ABOVE 50 KIAS
8	BEST RATE OF CLIMB SPEED Vy	ALL WEIGHTS 66 KIAS
9	LANDING LIGHT	OFF
10	ELECTRIC FUEL PUMP/	OFF/
	FUEL PRESSURE	CHECK GREEN ARC
11	PROPELLER	At or below 2250 RPM
TAKE OFF & CLIMB CHECK LIST		COMPLETED

CRUISE

1	PROPELLER	Set below 2250 RPM
2	ENGINE INSTRUMENTS	WITHIN LIMITS
3	CARBURATOR HEATING	AS REQUIRED
CRUISE CHECK LIST		COMPLETED

BEFORE ANY EXERCISE

1	ALTITUDE	CLIMB TO A SAFE ALTITUDE
2	ELECTRIC FUEL PUMP	ON
3	CARBURATOR HEATING	OFF
4	ENGINE INSTRUMENTS	WITHIN LIMITS
6	FUEL SELECTOR	ON FULLEST TANK
7	SEAT BELTS	FASTENED/TIGHTENED

	NORMAL CHECK LIST	P2002JF NO VFR NIGHT
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8	LOOSE OBJECTS	SECURE
9	SURROUNDING AIRSPACE	CLEAR OF TRAFFIC/OBSTACLES
BEFORE EXERCISE CHECK LIST		COMPLETED

BEFORE LANDING

1	ELECTRIC FUEL PUMP	ON
2	FUEL SELECTOR	ON FULLEST TANK
3	LANDING LIGHT	ON
5	ON DOWNWIND	FLAPS TO 15°
	APPROACH SPEED	ALL WEIGHTS 66 KIAS
6	ON FINAL	FLAPS LDG/40°
	FINAL APPROACH SPEED	ALL WEIGHTS 51 KIAS
7	CARBURATOR HEAT	OFF
8	OPTIMUM TOUCHDOWN SPEED	51 KIAS
BEFORE LANDING CHECK LIST		COMPLETED

BALKED LANDING/GO AROUND

1	THROTTLE	FULL OPEN
2	PITCH	LEVELED/SLIGHTLY PITCHED UP
2	SPEED	KEEP OVER 61 KIAS CLIMB VY OR VX AS APPLICABLE
3	FLAPS	RETRACT TO TAKEOFF POSITION
4	TRIM	ADJUST
5	RADIO CALL	PERFORM
GO AROUND CHECK LIST		COMPLETED

AFTER LANDING

1	FLAPS	RETRACT
2	ELECTRIC FUEL PUMP	OFF
3	LANDING LIGHT	ON
4	TRANSPONDER	STBY
AFTER LANDING CHECK LIST		COMPLETED

ENGINE SHUT DOWN

1	PARKING BRAKE	SET
2	LANDING LIGHT	OFF
3	RADIO CALL	PERFORM
4	PROPELLER	1 MINUTE AT 1200 RPM
5	RADIO/AVIONIC/ TRANSPONDER	OFF
6	AVIONIC MASTER SWITCH	OFF
7	NAVIGATION LIGHTS	OFF
8	IGNITION SWITCH	OFF/EXTRACT KEY
9	STROBE LIGHT	OFF
10	MASTER & GENERATOR SWITCH	OFF
11	FUEL SELECTOR	OFF
12	CANOPY	UNLOCK & OPEN
ENGINE SHUT DOWN CHECK LIST		COMPLETED

POST FLIGHT

1	FLIGHT CONTROL	LOCK
2	STATIC/DINAMIC COVER	SET
3	WHEEL CHOCK/MOORING CHORD	SET
4	PARKING BRAKE	RELEASE
5	CANOPY	CLOSE
6	TLB	FILL
POST FLIGHT CHECK LIST		COMPLETED

NOTE: Le voci trascritte in grassetto e con carattere più grande sono da intendersi **MEMORY ITEM**

The aircraft is certified in normal category in accordance with EASA CS-VLA.

Non-aerobatic operations include:

- Any manoeuvre pertaining to "normal" flight
- Stalls (except whip stalls) slow deceleration (1 kts/sec)
- Lazy eights 96 KIAS
- Chandelles 110 KIAS
- Turns in which the angle of bank is not more than 60° 96 KIAS

This Check List is compliant to Section 4 – Normal Procedure of the **Aircraft**

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AIRCRAFT MODEL: **P2002-JF**

EASA TYPE CERTIFICATE NO: **A .006 Issue 8** (DATED 2013, JUNE 7TH)

Sky Services Flight Academy