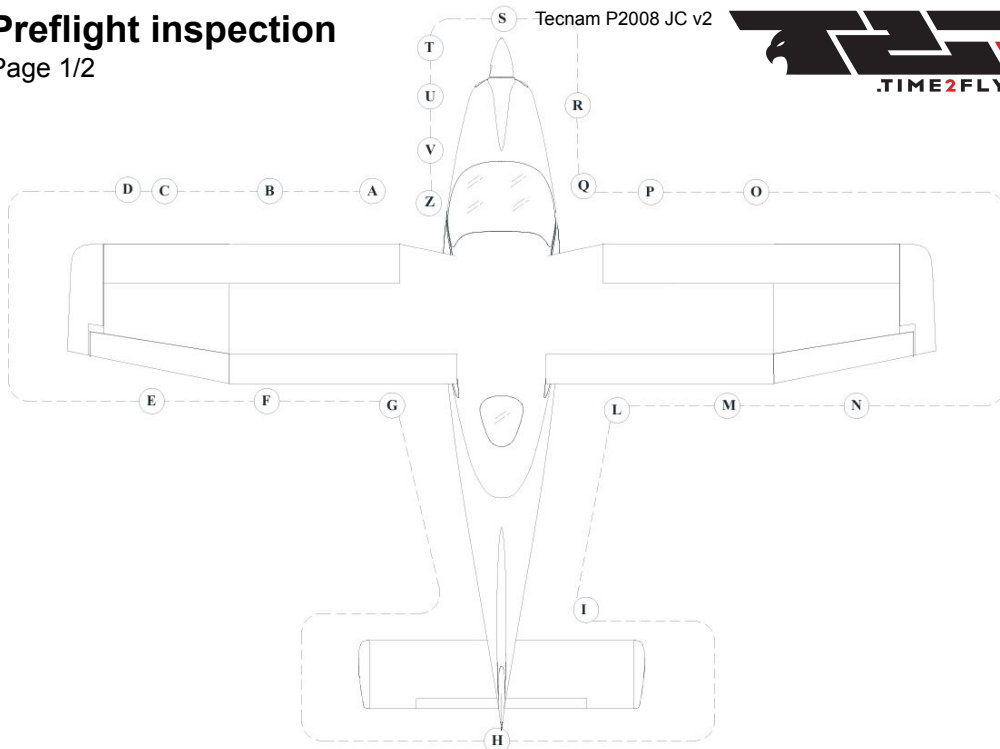


Preflight inspection

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Tecnam P2008 JC v2



A	Left fuel filler cap	CHECK desired fuel level (use graduated dipstick). Drain the left fuel tank sump by quick drain valve using a cup to collect fuel (drainage operation must be carried with the aircraft parked on a level surface). Check for water or other contaminants. Make sure filler cap is closed.
B	Pitot tube	REMOVE pitot plug and check the pitot for obstructions. Do not blow inside pitot tube.
C	Left side leading edge and wing skin	Visual inspection, CHECK stall strips
D	Left strobe light	Visual inspection, CHECK for integrity and fixing
E	Left aileron, hinges and LH tank vent line	CHECK for damage, freedom from plays; Left tank vent: CHECK for obstructions.
F	Left flap and hinges	Visual inspection
G	Left main landing gear	CHECK inflation, tire condition, alignment, fuselage skin condition. Check fuselage skin status, tire status (cuts, bruises, cracks and excessive wear), slippage markers integrity, gear structure and brakes hoses: there should be no sign of hydraulic fluid leakage.
H	Stabilator and tab	CHECK stabilator leading edge. Check the actuating mechanism of stabilator and the connection with related tab: CHECK free of play, friction. CHECK fuselage bottom and top skin. CHECK antennas for integrity.
I	Vertical tail and rudder	Visual inspection, check free of play, friction.
L	Right main landing gear	CHECK inflation, tire condition, alignment, fuselage skin condition. Check fuselage skin status, tire status (cuts, bruises, cracks and excessive wear), slippage markers integrity, gear structure and brakes hoses: there should be no sign of hydraulic fluid leakage.
M	Right flap and hinges	Visual inspection

N	Right aileron, hinges and RH tank vent line	Visual inspection, check free of play, friction; Right side tank vent: check for obstructions.
O	Right strobe light, leading edge and wing skin	Visual inspection, CHECK stall strips, CHECK strobe light for integrity and fixing
P	Stall indicator switch	CHECK for integrity and free of play,
Q	Right fuel filler cap	CHECK desired fuel level (use graduated dipstick). Drain the right fuel tank sump by quick drain valve using a cup to collect fuel (drainage operation must be carried with the aircraft parked on a level surface). Check for water or other contaminants. Make sure filler cap is closed.
R	Nose wheel strut and tire/ RH static port	CHECK inflation, tire condition and condition of shock absorber: there should be no sign of hydraulic fluid leakage. Check the right static port for obstructions.
S	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.
T	Check the engine cowling surface conditions	<p>Open engine inspection doors and perform the following checks:</p> <ol style="list-style-type: none"> 1. Nacelle inlets and exhausts openings must be free of obstructions. Check connection and integrity of air intake system, visually inspect that ram air intake is unobstructed. If inlet and outlet plugs are installed, they must be removed 2. Check radiators. There should be no indication of leakage of fluid and they have to be free of obstructions. 3. Check for foreign objects 4. Verify coolant level in the expansion tank: level must be at least 2/3 of the expansion tank 5. Verify coolant level in the overflow bottle: level must be between min. and max. mark. <p>Before proceeding to the next step be sure that magnetos and Master switch are OFF with the key extracted.</p> <ol style="list-style-type: none"> 6. Turn the propeller by hand to and from, 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. 7. Carburetors: check the throttle and choke cables for condition and installation. 8. Exhaust: inspect for damages, leakage and general condition. 9. Check engine mount and silent-blocks for condition. 10. Check oil level 11. Drain off Gascolator for water and sediment (drain until no water comes off). Then make sure drain valve is closed. 12. Check drainage hoses free of obstructions 13. Verify all parts are fixed or locked: inspect fuel circuit for leakages.
U	Engine cowling doors	CLOSE, check for proper alignment of camlocks
V	Landing/Taxi light and LH static port	CHECK, Visual inspection for integrity. Right side tank vent: check for obstructions.
Z	Tow bar and chocks	REMOVE, stow on board pitot, static ports and stall warning protective plugs.
	Windshield and windows	Windshield and windows

PREFLIGHT	
External inspection	COMPLETE
Circuit Breakers	ALL IN
Throttle	IDLE
Carb heat	OFF
Alternate static port	CHECK/CLOSE
Battery	ON & CHECK VOLTAGE
Generator	OFF
Nav lights	ON
Instrument lights (day/night switch)	ADJUST
Fuel quantity	CHECK
Fuel selector	SEL LOWEST TANK
Engine Garmin Time	PHOTO/RECORDED
BEFORE START	
Pitot cover	REMOVE
Doors	CLOSED/LOCKED
Parking brake	SET
Seat belts	SECURE BOTH SIDES
Flight controls	FREE
WX / Start clearance	OBTAIN
Avionics	OFF
Fuel pump	ON
Choke	AS REQ
Throttle	IDLE
Strobes	On
AFTER ENGINE START	
Choke / RPM	OFF / 1000
Generator	ON
Fuel pump	OFF
Strobes	OFF
Engine instruments	CHECK
Avionics	ON / SET
Annunciator	CHECK
Transponder	CODE / SBY
FMS / GNSS	SET
Flight instruments	CHECK / PREPARE
T/O briefing	COMPLETE
TAXI	
Off block time	NOTE
Taxi lights	ON
Parking brake	RELEASE
Brakes and steering	CHECK
RUN-UP	
Engine instruments	CHECK
RPM	1650
Ignition key test	L - BOTH - R - BOTH DROP WITHIN 130 RPM MAX DIFF L/R 50 RPM
Carb heat test	PULL OUT / IDLE / PUSH IN DROP OF 100 RPM WITH CARB HEAT PULLED

BEFORE TAKE OFF	
Fuel quantity	CHECK
Fuel selector	SEL HIGHEST TANK
Fuel pump	ON
Carb heater	OFF
Engine instruments	CHECK
Trim	PF SIDE & NEUTRAL
Flaps	AS REQ
LINE-UP	
Parking brake	RELEASE
Strobes	ON
Transponder	ALT
Pitot heater	AS REQ
Annunciator	CHECK
— CLEARED FOR TAKEOFF —	
Landing lights	ON
AFTER TAKE OFF	
Taxi / landing lights	OFF
Flaps	UP
Climb PWR	2100 RPM / SET
Fuel pump	OFF
APPROACH	
ATIS / Airport info	RECEIVE
Altimeters	SET
Approach briefing	COMPLETE
FINAL	
Fuel pump	ON
Carb heater	OFF
Flaps	AS REQ
Landing lights	ON
AFTER LANDING	
Fuel pump	OFF
Pitot heater	OFF
Flaps	UP
Strobe lights	OFF
Landing lights	OFF
Transponder	CHECK GND / SBY
PARKING	
Parking brake	SET
Taxi light	OFF
ATC	CLOSE FPL / REP. PARKED
Time and fuel	NOTE
Engine Garmin Time	PHOTO/RECORDED
Avionics	OFF
Throttle	IDLE
Ignition	OFF
Nav lights	OFF
GEN / BAT	OFF
Fuel selector	OFF
Start relay breaker	PULL
Pitot cover	INSTALL





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