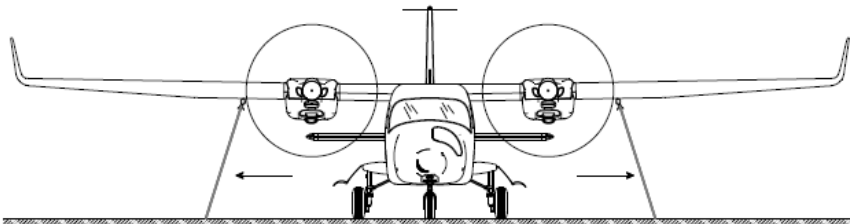




TECNAM P2006T



ABBREVIATED CHECKLIST

This is not the approved checklist
For extended information refer to the original Tecnam Aircraft Flight Manual



PREFLIGHT

1	a	Pilot door	CHECK
	b	Avionics master switches	OFF
	c	Master switch	ON
	d	Landing gear selector	DOWN
	e	Gear position indicator lights	CHECK
	f	Pitot switch function	CHECK
	g	Fuel quantity	CHECK
	h	If required – lights	CHECK
	i	Master switch	OFF
	j	Emergency exit	CLOSED
2	a	Left wing fuel sump	DRAIN
	b	Left wing, control surfaces, tip	CHECK
	c	Left wing fuel quantity	CHECK
	d	Left wing fuel cap	SECURE
	e	Left wing top and bottom panels	CHECK
	f	Left wing leading edge, carburetor heat inlet	CHECK
	g	Left wing landing and taxi lights as required	CHECK
	h	Left wing nav and strobe lights, winglet	CHECK
	i	Left wing pitot tube free of obstructions	CHECK
	j	Left wing aileron, hinges and balance mass	CHECK
	k	Left wing flaps and hinges	CHECK
	l	Left main gear tire pressure, slip marker	CHECK
	m	Left main gear door, shock absorber, hoses	CHECK
	n	Left main gear hydraulic fluid leakage	CHECK
	o	Left prop surface, spinner, gear play	CHECK
	p	Left engine nacelle inlet and exhaust	FREE
	q	Left engine coolant level > 2/3 of expansion tank after rotating propeller or running engine < 1 min	CHECK
	r	Left engine oil (min 2 max 3 ltr)	CHECK
	s	Left engine nacelle gascolator	DRAIN
3	a	Left static port free	CHECK
	b	Antennas integrity	CHECK
	c	Emergency landing gear system pressure	CHECK 20 BAR
	d	Horizontal and vertical empennage and tabs	CHECK
	e	Stabilator leading edge integrity	CHECK
	f	Fuselage top and bottom skin	INSPECT
	g	Right static port free	CHECK
	h	Right wing fuel sump	DRAIN
	i	Right wing, control surfaces, tip	CHECK
	j	Right wing fuel quantity	CHECK



k	Right wing fuel cap	SECURE
l	Right wing top and bottom panels	CHECK
m	Right wing leading edge, carburetor heat inlet	CHECK
n	Right wing nav and strobe lights, winglet	CHECK
o	Right wing aileron, hinges and balance mass	CHECK
p	Right wing flaps and hinges	CHECK
q	Right main gear tire pressure, slip marker	CHECK
r	Right wing pitot tube free of obstructions	CHECK
s	Right main gear door, shock absorber, hoses	CHECK
t	Right main gear hydraulic fluid leakage	CHECK
u	Right prop surface, spinner, gear play	CHECK
v	Right engine nacelle inlet and exhaust	FREE
w	Right engine coolant level >2/3 of expansion tank after rotating propeller or running engine < 1 min	CHECK
x	Right engine oil (min 2 max 3 ltr)	CHECK
y	Right engine nacelle gascolator	DRAIN
z	Passenger door	CHECK
4 a	Nose landing gear tire pressure, slip marker	CHECK
b	Nose landing gear door, shock absorber, hoses	CHECK
c	Nose landing gear structure, retraction gear	CHECK
d	Nose landing gear hydraulic fluid leakage	CHECK

BEFORE STARTING ENGINES

1	Parking brake	SET
2	Baggage	SECURE
3	Weight and balance	COMPUTED
4	Performance	COMPUTED
5	Aircraft papers	IN ORDER
6	Maps and charts	CHECK
7	Cabin door CLOSED	LOCKED
8	Passenger door CLOSED	LOCKED
9	Crew seats	ADJUSTED
10	Seat belts	SECURED
11	Passenger briefing	PERFORMED
12	Landing gear control lever	CHECK DOWN
13	Circuit breakers	ALL IN
14	Master switch	ON
15	Fuel quantity	CHECK
16	RH Fuel selector	RIGHT
17	LH Fuel selector	LEFT
18	RH electrical fuel pump ON Fuel pressure	CHECK



19	RH electrical fuel pump OFF	Fuel pressure	DECREASE
20	LH electrical fuel pump ON	Fuel pressure	CHECK
21	LH electrical fuel pump OFF	Fuel pressure	DECREASE
22	Anti collision light switch		ON
23	Landing gear lights		TEST
24	Engine levers friction		ADJUST
25	Flight controls		FREE & OK
26	Alternate static port		CLOSED

STARTING ENGINES

Make sure all radio switches, light switches and pitot heat switch are in the OFF position before starting engine

1	Carburetor heat	BOTH OFF
2	Prop controls	BOTH FULL FORWARD
	RIGHT ENGINE	
1	RH electrical fuel pump	ON
2a	Cold engine THROTTLE IDLE CHOKE	AS REQUIRED
2b	Hot engine THROTTLE 2,5 cm CHOKE	CLOSED
3	RH Electric fuel pump	ON
4	RH Propeller area	CLEAR
5	RH Ignition switches	BOTH ON
6	RH Start button	PUSH
7	RH Start button when engine fires	RELEASE
8	RH Field	ON
9	RH Oil pressure within 10 seconds	CHECK
10	RH RPM warmup	ADJUST 1200 RPM
11	RH Choke	OFF
12	RH Avionics	ON
13	RH Cross bus	ON
14	RH Amperemeter	CHECK +
15	RH Voltmeter	CHECK 12-14V
	LEFT ENGINE	
1	LH electrical fuel pump	ON
2a	Cold engine THROTTLE IDLE CHOKE	AS REQUIRED
2b	Hot engine THROTTLE 2,5 cm CHOKE	CLOSED
3	LH Electric fuel pump	ON
4	LH Propeller area	CLEAR
5	LH Ignition switches	BOTH ON
6	LH Start button	PUSH
7	LH Start button when engine fires	RELEASE
8	LH Field	ON



9	LH Oil pressure within 10 seconds	CHECK
10	LH RPM warmup ADJUST	1200 RPM
11	LH Choke	OFF
12	LH Avionics	ON
13	LH Cross bus	ON
14	LH Amperemeter	CHECK +

TAXI

1	Nav & Taxi landing lights	AS REQUIRED
2	Transponder	AS REQUIRED
3	Passenger and crew seat belts	FASTENED
4	Passenger and crew headphones	AS REQUIRED
5	Parking brake	OFF
7	Flight instruments	OPERATING
8	Flight controls	CHECK
9	Altimeter	SET

PRE TAKEOFF

1	a	Parking brake	ON
	b	Electric fuel pumps	BOTH OFF
	c	RH Fuel selector	RIGHT
	d	LH Fuel selector	LEFT
	e	LH & RH Fuel pressure	CHECK
	f	LH & RH Engine parameters	CHECK
		OIL Temp 50° – 110° Press 2 – 5 bar	
		FUEL Pressure 2,2 – 5,8 psi 0,15 - 0,4 bar	
		CHT Temperature max. 135°	
	g	LH & RH Generator lights CHECK	BOTH OFF
	h	LH & RH Propeller lever	FULL FORWD
	i	LH & RH Throttle lever adjust	1650 RPM
2	a	RH Ignition switches L/R/BOTH < 130 RPM	DIFF < 50 RPM
	b	RH Propeller lever retard 4 times firmly	1100 RPM
		Confirm RPM back with propeller lever to	1650 RPM
	c	RH Carburettor heat ON RPM drop approx	-100 RPM
	d	RH Carburettor heat	OFF
	e	RH Throttle lever adjust	1100 RPM
3	a	LH Ignition switches L/R/BOTH < 130 RPM	DIFF < 50 RPM
	b	LH Propeller lever retard 4 times firmly	1100 RPM
		Confirm RPM back with propeller lever to	1650 RPM
	c	LH Carburettor heat ON RPM drop approx	-100 RPM
	d	LH Carburettor heat	OFF
	e	LH Throttle lever adjust	1100 RPM
4	a	RH & LH Fuel quantity required for trip	CONFIRM



	b	Flaps	T/O
	c	Pitch and rudder trim	SET NEUTRAL
	d	Flight controls	CHECK FREE
	e	Seat belts fastened, doors closed & locked	CHECK

LINE UP

1	a	Parking brake CHECK FULL IN	RELEASE
	b	Annunciator warnings	CHECK OFF
	c	RH Fuel selector	RIGHT
	d	LH Fuel selector	LEFT
	e	Pitot heat	AS REQUIRED
	f	Transponder	SET ALT
	g	Magnetic compass	CHECK
	h	AHRS	CROSS CHECK

TAKEOFF and CLIMB

1	a	Landing Lights	ON
	b	RH & LH Fuel pumps	BOTH ON
	c	LH & LH Carburettor heat	BOTH OFF
	d	LH & RH Propeller lever adjust	FULL FORWD
	e	LH & RH Throttle lever adjust	FULL POWER
	f	Engine instruments	GREEN ARC
	g	Rotation Speed	65 KIAS
	h	Brakes	APPLY
	i	Landing Gear control knob	UP
	j	Landing and taxi lights above 3000 ft AGL	OFF
	k	LH & RH Propeller lever adjust to max	CONT POWER
	l	RH & LH Fuel pumps	BOTH OFF
	m	Flaps	AS REQUIRED
Vy		Best rate of climb speed	84
Vx		Best angle of climb speed	72

**CRUISE**

1	RH & LH Throttle set	AS REQUIRED
2	RH & LH Propeller set 1900 – 2250 RPM	SET
3	RH & LH Carburettor heat	AS NEEDED
	OIL Temp 90° – 110° Press 2 – 5 bar	CHECK
	FUEL Pressure 2,2 – 5,8 psi 0,15 - 0,5 bar	CHECK
	CHT Temperature 90° – 110°	CHECK
4	Fuel balance	CHECK
5	Crossfeed	AS REQUIRED
6	Turbulent air operation at Va = 122 KIAS	AS REQUIRED

DESCENT

1	RH & LH Propellers set to max continuous	2250 RPM
2	RH & LH Carburettor heat	AS REQUIRED
3	Altimeter setting	QNH

APPROACH and LANDING

1	Rear passenger seats full aft, low position	CHECK
2	LH & RH fuel pumps	BOTH ON
3	Seat belts	FASTENED
4	Flaps SET Approach 122 KIAS max	T/O
5	Landing gear control knob 93 KIAS max	DOWN
6	Landing gear 3 green	CHECK
7	LH & RH Carburettor heat	OFF
8	RH & LH Propeller levers	FULL FORWD
9	FLAPS SET Final leg 93 KIAS max	FULL
10	Final approach speed	71 KIAS
11	Landing and taxi lights	ON
12	Touchdown Speed	65 KIAS

GO AROUND

1	RH & LH Propeller levers	FULL FORWD
2	LH & RH Throttle levers	FULL POWER
3	Flaps	T/O
4	Speed keep more than Vmca	62 KIAS
	Best rate of climb speed	84 KIAS
	Best angle of climb speed	72 KIAS
5	Landing gear when positive rate of climb	UP
6	Flaps	UP

AFTER LANDING**Clear of Runway**

1	LH & RH fuel pumps	BOTH OFF
2	Wing flaps	UP
3	Pitot heat	OFF
4	Landing and taxi lights	AS REQUIRED

SHUT DOWN

1	Landing and taxi lights	OFF
2	LH & RH Avionics Bus	OFF
3	LH & RH Cross Bus	OFF
4	Wing flaps	CHECK UP
5	Trims both NEUTRAL	CHECK
6	Navigation lights and strobe	OFF
7	Ignition Switches one at a time	OFF
8	LH & RH Field switches	OFF
9	All external lights	OFF
10	Doors safety locks	CHECK OFF
11	Master switch	OFF
12	LH & RH fuel selectors	BOTH OFF
13	Cockpit light	CONFIRM OFF
14	Parking brake	AS REQUIRED
15	Wheel chocks	AS REQUIRED
16	Pitot cover, Static port plug	INSTALL
17	Control wheel with safety belt	LOCK
18	Cabin doors CLOSED	LOCKED
19	Tie down	AS REQUIRED

**SINGLE ENGINE OPERATION**

1	Dead foot = Dead engine	IDENTIFY
2	Propeller operating engine	FULL FORWARD
3	Throttle operating engine	FULL POWER
	Airspeed keep minimum	70 KIAS
4	Airspeed blue line , flaps UP	84 KIAS
5	Attitude 3-5° to op. engine. ball ½	MAINTAIN
6	Landing gear	UP
7	Propeller dead engine	FEATHER
8	Wing flaps	UP
9	Operating engine instruments	CHECK
10	Operating engine fuel selector	CHECK (CROSSFEED?)
11	Dead engine ignition switches	BOTH OFF
12	Dead engine fuel selector	OFF
13	Dead engine field switch	OFF

ENGINE RESTART IN FLIGHT

1	Carburettor heat	ON IF REQUIRED
2	Fuel pump	ON
3	Fuel quantity	CHECK
	If required	CROSSFEED
4	Ignition	BOTH ON
5	Propeller dead engine	FULL FORWD
6	Throttle dead engine	IDLE
7	Start button	PUSH
8	Start button when engine fires	RELEASE
9	Propeller operating engine	AS REQUIRED
10	Operating engine instruments	CHECK
11	Operating engine fuel selector	CHECK (CROSSFEED?)
12	Field switch	ON
13	Check for ammeter positive	
14	RH & LH Throttle set	AS REQUIRED

**LIMITATIONS**

		KIAS
Vne	Never exceed speed	171
Vno	Maximum structural cruising speed	138
Va	Maneuvering speed	122
Vr	Rotation speed	65
Vfe	Maximum flap speed Takeoff Position	122
Vfe	Maximum flap speed Landing Position	93
Vle	Max gear operation speed	93
Vmca	Minimum single engine air control speed	62
Vs	Stall speed clean	66
Vso	Stall speed landing configuration	54
Vy	Best rate of climb speed	84
Vx	Best angle of climb speed	72
	Maximum Crosswind demonstrated	17
Vyse	Single engine best rate of climb speed	84
Vxse	Single engine best angle of climb speed	85
	Single engine final approach speed	80
13,5"	Simulated single engine minimum speed	70
	Single engine go around speed	AVOID !!! 84

IMPORTANT WEIGHTS AND DATA

	kg
Maximum ramp weight	1230
Maximum takeoff weight	1230
Maximum landing weight	1230
Maximum zero fuel weight	1195
Basic empty weight	1230
Fuel Capacity both tanks	200 Liter
Useable fuel	194,4 Liter
Oil Capacity	2,0 – 3,0 Liter
Max demonstrated crosswind component	17 KTS

FLIGHT PLAN DATA

ICAO DESIGNATOR	P26T	TAS	N130
Equipment	BDGRSY	Transponder	S
Other Information	PBN/B2C2D2O2S2	NAV/SBAS	
Endurance	0430 (max)		