



# Pilatus PC-6 Turbo Porter ER

## Microsoft Flightsimulator 2002

Aircraft and Panel :

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## Pre-Start Checklist

Parking Brakes	SET
Power Lever	IDLE
Condition Lever	FUEL CUTOFF
Propeller Control	HIGH RPM
Battery Switch	OFF
Generator Switch	OFF
Avionics/Radios Switch	OFF
Fuel Boost Pump	OFF
Pitot Heat	OFF
Battery Switch	ON
Anti-Ice	ON
Nav/Instr. Lights	ON if required
Flaps	UP
Fuel Quantity	CHECK
Flight controls	CHECK
Elevator Trim	SET for takeoff
Avionics/Radios Switch	ON
Check Weather	(ATIS, Flight Services)
<b><i>Request Clearance</i></b>	
Transponder	SET
Strobe Light	ON

## Startup Checklist

Engine and Propeller Area	CLEAR
Power Lever	IDLE
Condition Lever	FUEL CUTOFF
Propeller Control	HIGH RPM
Fuel Boost Pump	ON
Ign/Starter Switch	START and hold
at 15% RPM : Condition Lever	FULL
Oil Pressure	CHECK
Generator Switch	ON
Feather/Unfeather Prop	CHECK once
Engine Instruments	CHECK
Annunciator Lights	EXTINGUISHED
Fuel Boost Pump	OFF

## Taxi To Ramp

Flaps	RETRACT
Landing Lights	OFF
Power Lever	MIN. POWER
Fuel Boost Pump	OFF
Speed	Max. 20 MPH
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

## Shutdown Checklist

Parking Brake	SET
Power Lever	IDLE
Avionics/Radios Switch	OFF
Pitot Heat	OFF
Anti-Ice	OFF
Condition Lever	FUEL CUTOFF
Propeller Control	FEATHER
Strobes	OFF
Nav/Instr. Lights	OFF
Below 15% N1: Battery Switch	OFF
Generator Switch	OFF

## Securing Aircraft

Parking Brake	Verify SET
Battery Switch	Verify OFF
Avionics/Radios Switch	Verify OFF
Electrical Switches	Verify OFF

## Before Taxi Checklist

Heading Indicator	SET
Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF

*Request Taxi Clearance*

## Taxi Checklist

Power Lever	MIN. POWER
Parking Brake	RELEASE
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns
Taxi to assigned runway	SPEED Max. 20 MPH

## Before Take-off Checklist

Parking Brake	SET
Pitot Heat	ON
Landing Lights	ON
Fuel Quantity	CHECK
Power Lever	IDLE
Propeller Control	HIGH RPM
Elevator Trim	SET for takeoff
Flaps	CHECK and SET 2 STAGES
Flight Controls	FREE AND CORRECT
Engine Instruments	CHECK
Radios and Avionics	SET
Fuel Boost Pump	ON
Review Takeoff speeds	CONFIRM

*Request Takeoff Clearance*

## Take-off Checklist

Smoothly increase Power Lever to Brakes	FULL ! Yoke full AFT ! RELEASE
At 25 MPH	YOKE FWD until climb attitude
V <sub>1</sub> =	45 KIAS (descension)
V <sub>r</sub> =	50 KIAS (rotate)
Pitch	10-15 degrees
At Positive Climb Rate	Touch Brakes
Trim for climb to maintain	80 KIAS (40psi)
At 500' AGL	Flaps UP
Climb with approx.	950 fpm
Engine Instruments	CHECK

## Climb-out Checklist

Landing Lights	OFF
Fuel Boost Pump	OFF
Autopilot	CHECK and SET
Power Lever	AS REQUIRED
Airspeed	100 KIAS (34psi)
Engine Instruments	MONITOR
<b>ATC</b>	<b>AS REQUIRED</b>
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)	

## Cruise Checklist

Service Cruise Altitude	FL200
Propeller Speed	90% RPM
Accelerate to cruise speed	117 KIAS (30psi)
V <sub>NE</sub>	125 KIAS
Engine+Instruments	CHECK
Engine Temperatures	STABILIZE at cruise cond.
Fuel Quantity	CHECK
Radios	TUNED and SET
Autopilot	CHECK and SET
Lights	AS REQUIRED

## Descent Checklist

Altimeter	CHECK
Radios	SET
Descent Speed	100 KIAS (12psi)
Flaps	CHECK UP
At Transition Altitude (FL180) reset Altimeter to local	
Check Weather	(ATIS, Flight Services)

## Approach Checklist

### *Localizer Level Flight :*

Fuel Boost Pump	ON
Propeller Control	HIGH RPM
Landing Lights	ON
Speed: Establish	90 KIAS (16psi)
Flaps	2 STAGES
Speed: Establish	80 KIAS (20psi)
Flaps	6 STAGES
Speed: Establish	70 KIAS (24psi)

### *Final Glideslope Descent :*

Speed: Maintain	70 KIAS (14psi)
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF
Anti-Ice	AS REQUIRED

## Landing Checklist

Autopilot	OFF
Landing Speed	60 KIAS
Touchdown	MAIN WHEELS FIRST
Power Lever	REVERSE THRUST; at 40 MPH cancel reverse thrust
Landing Roll; below 25 KIAS	LOWER TAIL WHEEL; Yoke FULL AFT !
Brakes	MINIMUM REQUIRED