



# Pilatus PC-12

## Microsoft Flight Simulator 2004

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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

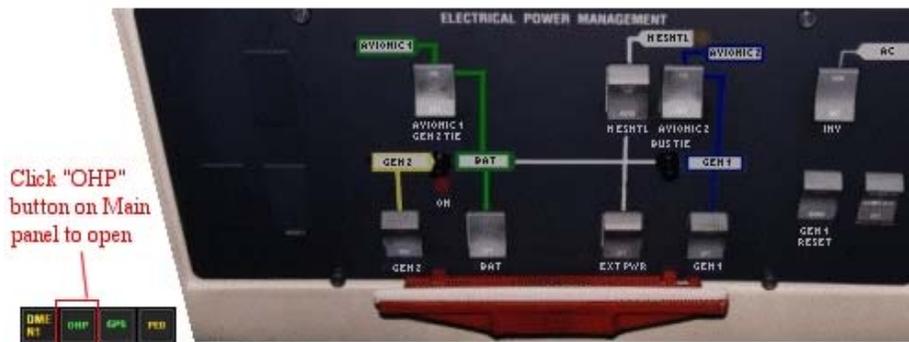
## Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Battery	OFF
Avionics Master Switch	OFF
Gen 1+2	OFF
Fuel Pump 1+2	OFF
Landing Gear Lever	CHECK DOWN
Conditioner Lever	CUTOFF / FEATHER
Fuel Flow	CUTOFF (Ctrl-Shift-F1)
Battery Switch	ON
Panel Lights	ON if required
Flaps	UP
Fuel Quantity	CHECK
Flight controls	CHECK
Avionics Master Switch	ON
Check Weather	(ATIS, Flight Services)
Probe / De-ice Switch / Heating	TEST / CHECK
<b>Request Clearance</b>	
Transponder	STANDBY
Recogn. Beacon + Wing Lights	ON

## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	IDLE
Fuel Pump 1+2	ON
Fuel Pump 1+2 Annunciator	CHECK ON
Engine Ignition	ON
Start Button	ON/PUSH
Fuel Flow	FULL (Ctrl-Shift-F4)
At NG ~ 10      Set Cond. Lever to	GROUND IDLE => Eng. Started!
Gen 1+2	ON
Gen 1+2 Annunciator	CHECK EXTINGUISHED
Oil Pressure	CHECK 10psi
Loadmeter+Voltmeter	CHECK for CHARGE
Engine Display Unit	TEST





## Before Taxi Checklist

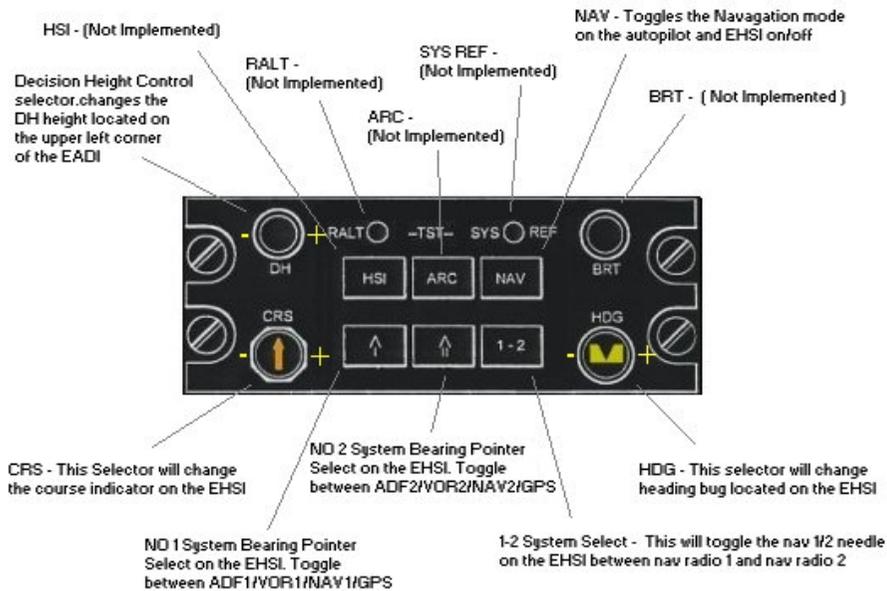
Nav Lights	ON
Taxi Lights	ON
Heading Indicator / Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF
F/D	ON
Yaw Damper	ON
<i>Request Taxi Clearance</i>	

## Taxi Checklist

Parking Brake	RELEASE
Taxi to assigned runway	SPEED Max. 20 knots
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Artificial Horizon	ERECT during turns

## Before Take-off Checklist

Parking Brake	SET
Fuel Quantity	CHECK
Throttle	IDLE
Conditioner Lever to Elevator Trim	FLIGHT IDLE
Flaps	SET for takeoff (+3)
Engine/Flight Instruments	15 deg
Flight Controls	CHECK
Landing Lights	FREE AND CORRECT
Taxi Lights	ON
Strobe Light	OFF
Pitot Heat	ON
Probe / De-ice Switch / Heating	ON if required
Transponder	ON
Radios and Avionics	SET
Annunciator Lights	CHECK
<i>Request Takeoff Clearance</i>	



## Take-off Checklist

Smoothly increase thrust to  
 Brakes  
 V1 =  
 Vr =  
 Pitch  
 At Positive Climb Rate  
 Landing Gear  
 Trim for climb to maintain  
 Flaps  
 Annunciator Lights  
 Engine Instruments

FULL  
 RELEASE  
 80 KIAS (decision)  
 85 KIAS (rotate)  
 10 degrees  
 Touch Brakes  
 RETRACT  
 120 KIAS  
 RETRACT  
 CHECK  
 CHECK

## Climb-out Checklist

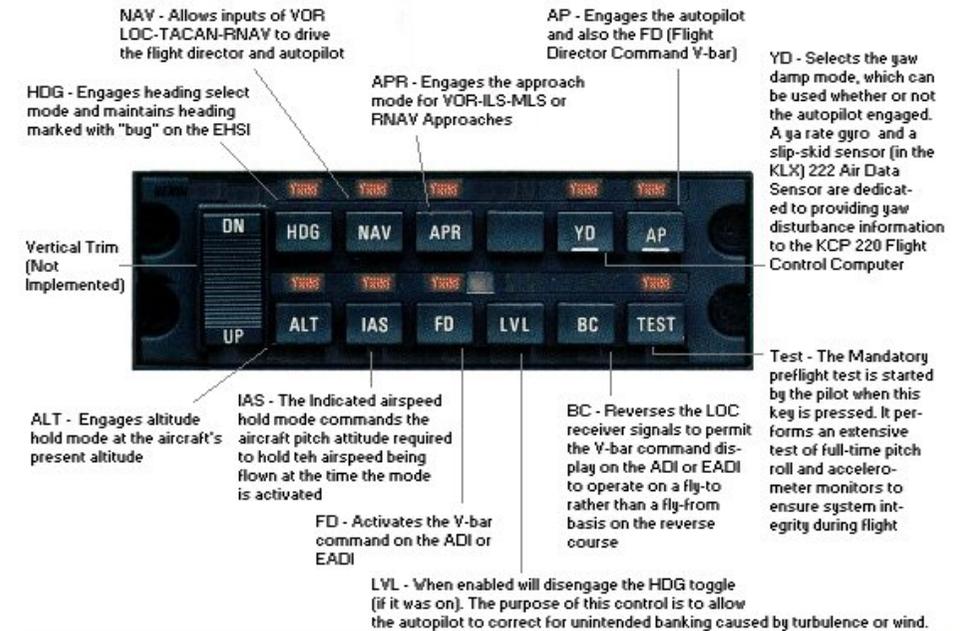
Autopilot  
 Landing Lights  
 Airspeed  
 Climb Rate  
 At 12'000 ft  
 At 18'000 ft  
 Engine Instruments  
**ATC**  
 At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)

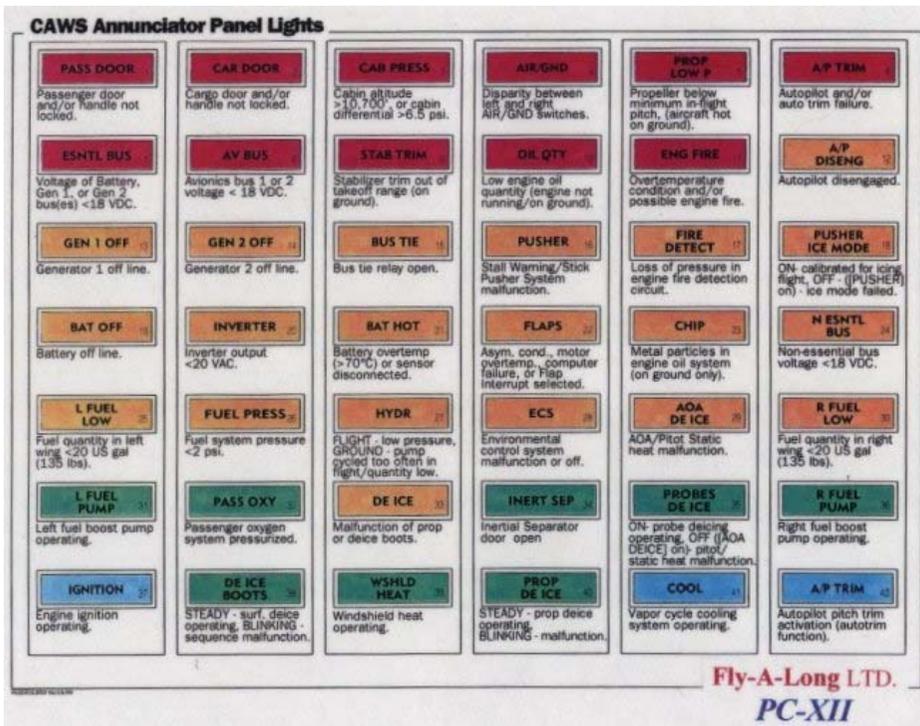
CHECK and SET  
 OFF  
 160 KIAS Torque 30  
 1500 fpm  
 150 KIAS Torque 25  
 1300 fpm  
 130 KIAS Torque 22  
 1000 fpm  
 MONITOR  
**AS REQUIRED**

## Cruise Checklist

Accelerate to cruise speed  
 18'000 ft 200 KIAS Torque 40  
 24'000 ft 180 KIAS Torque 34  
 Service Ceiling  
 Engine+Instruments  
 Engine Temperatures  
 Fuel Quantity  
 Radios  
 Autopilot  
 Lights

25'-27'000 ft  
 CHECK  
 STABILIZE at cruise cond.  
 CHECK  
 TUNED and SET  
 CHECK and SET  
 as required





## Descent Checklist

Atis/Airport Information	CHECK	
Altimeter	CHECK	
Radios	SET	
Descent Speed	160 KIAS	Torque 10
Descent Rate	-1500 fpm	
Flaps	CHECK UP	
Landing Gear	CHECK UP	
At Transition Altitude (FL180) reset Altimeter to local		
Check Weather	(ATIS, Flight Services)	

## Approach Checklist

### Localizer Level Flight :

Landing Lights	ON	
Speed: Establish	120 KIAS	Torque 10
Flaps	15 deg	
Speed: Establish	105 KIAS	Torque 10
Flaps	30 deg	
Speed: Establish	100 KIAS	Torque 11
Landing Gear	DOWN	
Turning toward runway: set flaps	FULL DOWN	

### Final Glideslope Descent :

Speed: Establish	90 KIAS	Torque 08
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	85 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust

## Taxi To Ramp

Strobe Light	OFF
Flaps	RETRACT
Taxi Lights	ON
Landing Lights	OFF
Probe / De-ice Switch / Heating	OFF
Transponder	1200
Conditioner Lever	GROUND IDLE
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING (+3)
Avionics/Radios	AS REQUIRED

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Conditioner Lever	CUTOFF / FEATHER
Taxi Lights	OFF
Nav Lights	OFF
F/D	OFF
Avionics Master Switch	OFF
Lights	OFF
Pitot Heat	OFF
Fuel Flow	CUTOFF (Ctrl-Shift-F1)
Engine Ignition	OFF
Fuel Pump 1+2	OFF
Wing Lights	OFF
Recogn. Beacon	OFF
Inst/Panel Lights	OFF
Battery Switch	OFF
Gen 1+2	OFF

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

