CHECK LISTS FOR THE PILATUS PC12

Use this checklist to startup the PC12 using the Logitech **Switch Panel, Multi Panel** with **SPAD.Next** and my **PC12 profile.**

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SET UP THE ENVIRONMENT FROM MAIN MENU

- ☐ Choose a suitable aerodrome to depart from, ensure you pick a parking slot so you are cold and dark.
- ☐ Choose any of the liveries for the PC12.
- ☐ Choose some suitable weather for your flight, few clouds would be nice.
- ☐ I recommend using headphones as the sounds for the aircraft are amazing.
- ☐ Once you are happy click Fly.
- ☐ You should now be cold and dark on your chosen parking slot at your aerodrome ready for your startup procedure.

TIME TO START HER UP

- ☐ Run Spad.Next from the start menu.
- ☐ Choose the PC12 from the profiles menu and activate it, you can now minimize Spad.Next
- ☐ You should see the Landing Gear lights on the switch panel with the top red and the others Green, this is a good indication that you have Spad.Next running correctly. For good measure switch the battery on, then off, to activate the switch panel. Check to see if the switch works on the sim.

BEFORE ENGINE START

- ☐ Preflight Checks and walkaround Complete
- ☐ Passengers Briefed
- ☐ Seat Belts Secure
- ☐ Fuel Emerg handle release (between the seats red lever)
- ☐ Parking Brake Set
- ☐ Gear Switch Check down
- ☐ Overhead Electrical switches Off
- ☐ Standby Bus on
- ☐ Inertial Sep Open
- ☐ Cooling/Heating Off
- ☐ Circuit Breakers check all pushed in
- ☐ EPS switch test for 5 seconds then Arm
- ☐ ECS switch off
- ☐ Condition Lever to cutoff
- ☐ Battery Switch 1 and 2 on
- ☐ Navigation Light on
- ☐ External power as required
- ☐ Landing gear check 3 greens
- ☐ CAWS check appropriate lights are extinguished

Engine Start

- ☐ Rotating Beacon set on
- ☐ Starter Push to start
- ☐ Check Oil Pressure is rising
- ☐ NG reaches 13% condition lever to idle
- ☐ Monitor ITT for hot start
- ☐ Generator 1 and 2 on
- ☐ Avionics Bus 1 and 2 on
- ☐ Standby Bus off
- ☐ ECS switch auto

After Start Checks

- ☐ Monitor gauges for Oil pressure
- ☐ ITT Temps
- ☐ Fuel Pressure
- ☐ Enough Fuel for task
- ☐ Heading and Altimeter set

Run Up Checks

- ☐ Position into Wind
- ☐ Brakes hold and set
- ☐ Fuel quantity check sufficient for flight
- ☐ Fuel selector check
- ☐ Strobes on
- ☐ Altimeter set from ATIS
- ☐ Engine instruments checks
    - *Oil Pressure, oil temperature*
- ☐ Flaps set as required
- ☐ Set Heading to runway
- ☐ Controls free and correct
- ☐ Elevator trim set to neutral rudder trim as required
- ☐ Doors all latched windows as required
- ☐ Flaps set as required for take off
- ☐ Fuel Pump on for take off
- ☐ Inertial Sep check on (Rough ground)
- ☐ Check engine gauges
- ☐ Strobes on, landing lights check on
- ☐ Pitot heat set as required check OAT

Takeoff

- ☐ Throttle Full open
- ☐ Airspeed alive check
- ☐ Engine gauges check
- ☐ Rotate at 90 mph
- ☐ Positive climb and verify
- ☐ Gear up
- ☐ Passing 600ft AGL Flaps Up
- ☐ Trim for 135mph Vy (best rate of climb)
- ☐ Emergency landing area check