

STARTUP PROCEDURES FOR THE WB SIM C172

Use this checklist to help with the startup of the WB Sim C172 using the Logitech **Switch Panel** with **SPAD.Next** and my **Baron Snippet**.

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 liveries for the C172.
- 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.



BY ATCMR

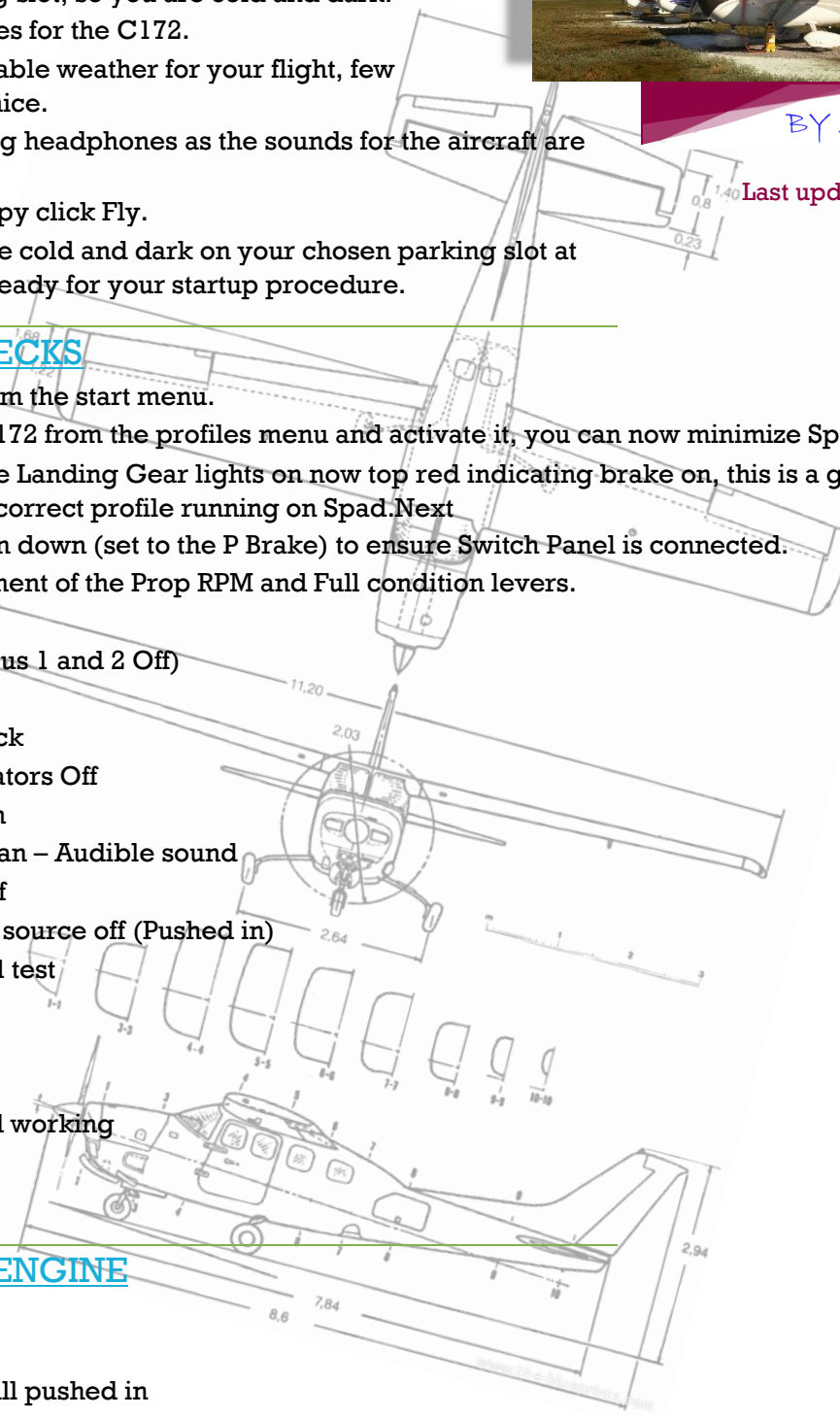
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PRE FLIGHT CHECKS

- Run Spad.Next from the start menu.
- Choose the WB C172 from the profiles menu and activate it, you can now minimize Spad.Next
- You should see the Landing Gear lights on now top red indicating brake on, this is a good indication that you have the correct profile running on Spad.Next
- Gear lever up then down (set to the P Brake) to ensure Switch Panel is connected.
- Check Full movement of the Prop RPM and Full condition levers.
- Ignition Off
- Avionics switch (Bus 1 and 2 Off)
- Battery switch on
- Fuel Quantity check
- Low Fuel annunciators Off
- Avionics switch on
- Avionics cooling fan – Audible sound
- Avionics switch off
- Static Pressure alt source off (Pushed in)
- Annunciator panel test
- Fuel selector Both
- Fuel shutoff open
- Flaps Down
- Pitot check on and working
- Pitot heat off
- Battery Off

STARTING THE ENGINE

- Seat Belts secure
- Brakes set
- Circuit breakers all pushed in



- Electrical switches all off
- Avionics switch off
- Fuel selector to both
- Fuel shutoff to on (pushed in)
- Throttle open ¼ inch
- Mixture idle cut off
- Prop area clear
- Master Battery on
- Beacon light on
- Mixture full rich
- Aux Fuel pump on 3-5 secs, then off (Observe fuel flow gauge)
- Mixture lean
- Starter to both
- Clear Prop
- Starter to start
- Mixture to full rich after start
- Oil pressure check
- Alternator on
- Mixture lean for ground Ops
- Throttle adjust to 1000/1200 rpm
- Anmeter check
- Navigation lights on
- Avionics switch on
- Radios on
- Flaps up

RUN UP AND PRE DEPARTURE CHECKS

- Parking brake set
- Flight instruments set/altimeter and heading
- Mixture to rich
- Throttle set to 1800 rpm
- Magneto L&R check 150rpm max decrease/50 max difference
- Magnetos to both
- Vacuum and Anmeter gauge check
- Oil pressure and Oil temperature check
- Startup Complete and you are ready for Taxi.

NORMAL TAKE OFF

- Flaps 0-10 degrees
- Throttle to Full 2300 rpm min
- Mixture rich
- Airspeed alive and working
- Rotate at 55kts take off speed
- Initial climb - trim for 70-80kts
- Flaps up above 300ft agl

