

STARTUP PROCEDURES FOR THE SWS KODIAK 100

Use this checklist to help with the startup of the SWS Kodiak 100 using the Logitech **Switch Panel** with **SPAD.Next** and my **SWS Kodiak 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 of the 66 liveries for the Kodiak.
- 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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TIME TO START HER UP

- Run Spad.Next from the start menu.
- Choose the Kodiak 100 from the profiles menu and activate it, you can now minimize Spad.Next
- You should see the Landing Gear lights on now top red and the others Green, this is a good indication that you have the correct profile running on Spad.Next
- Check Full movement of the Prop RPM and Full condition levers.
- Prop RPM to Feather - Fuel Condition Lever to **cut off**
- Throttle check for full movement, then leave open 1 inch

Using the throttle and Switch Panel only Now

- Master Battery to On
- Master Alt to On (Generator & Alternator & Avn Bus will come on)
- Avionics Master to On
- Beacon Light to On
- Pitot Heat as required
- Check Parking Brake engaged!
- Aux fuel pump to on
- Starter to the R position
- Starter to the L position
- Starter to the Both/All position
- Check Ignition on (annunciator on PFD)
- Engine Oil Pressure check rising on PFD
- Starter to the Start position, Ignition is now on and prop will be turning
- Monitor Ng on the Pilots MFD and at 14% ng induce fuel with condition lever to low Idle
- Fuel Flow Check at 80 to 110lb/hr
- Monitor ITT for Hot Start (max 1090°C 2 sec)
- Monitor NG min 52%
- Once Startup is complete, then return starter to the Both/All position
- Fuel condition lever to full and then back to idle

- Turn on Nav Lights and Taxi Lights/use Class Echo to select Pulse lights

AFTER START PROCEDURES

- Propeller lever to Max RPM
- Engine Instruments Check
- Check Aux Fuel Pump to SBY
- Generator Check on
- Alternator Check On
- Flaps to Full then for take off
- Exterior lights as required
- Cabin Heat and Ventilation as required
- Radios and Avionics check and Set
- Startup Complete and you are ready for Taxi

TAXI PROCEDURES

- Brakes Check and working
- Flight Controls Check full movement
- Flight instruments check
- ATC Clearance if Required

GEAR LIGHTS INDICATIONS

Nose Gear Light

Red Light indicates Parking Brake is on.

No light and the Parking Brake is Off

Left Gear Light

Green indicates that there is more than 15% of fuel left in the Left main tank.

Red indicates there is less than 15% of Fuel left in the left main tank.

Right Gear Light

Green indicates there is more than 15% Fuel left in Right main tank.

Red indicates there is less than 15% fuel left in the Right main tank.