

# STARTUP PROCEDURES FOR THE BLACK SQUARE C208 CARAVAN

Use this checklist to help with the startup of the C208 Caravan **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 available liveries for the C208b Caravan
- 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 the aerodrome you chose ready for your startup procedure.



BY ATCMR

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## TIME TO START HER UP

- Switch on all the Fips's/switch panel/multi panel and Class Echo
- Run Spad.Next from the start menu.
- Choose the C208 from the profiles menu and activate it, you can now minimize Spad.Next
- You should see the Landing Gear lights on - top red and the others Green, this is a good indication that you have the correct profile running on Spad.Next
- Check for full movement of your controls or Flight stick
- Check Full movement of the Prop RPM and Full condition levers.
- Prop RPM to full – set Fuel Condition Lever to **cut off**
- Throttle check for full movement, then leave closed

### Using the throttle and Switch Panel and mouse

- Parking Brake Set Tgl 4
- Ignition Norm
- Fuel Selectors both on
- Oxygen Pressure 1550-1850 psi
- Throttle check to Idle
- Propellor lever full forward
- Fuel Condition lever to cut off
- Fuel Cutoff Pushed in
- Battery to On
- Annunciators Test/Fire Warning Detector Test
- Flaps check up
- Beacon Light to On
- Avionics 1 switch to on
- Bus Volts 24v
- Fuel Boost pump on
- Starter switch start
- Check Oil pressure rising
- NG stable plus 12%

- Fuel Condition Lever to Low Idle
- Check fuel flow and ITT
- NG no greater than 52%
- Starter switch off
- Generator switch reset.
- Check generator load is positive
- Fuel Boost pump off.
- Weather radar off/sby.
- Avionics switch 2 on.
- Nav lights set as required.
- Engine Instruments check
- Radios Check

## TAXI PROCEDURES

- Cabin Lights off
- Taxi light as required
- Inertial Separator as required
- Parking Brake release and test brakes
- Compass Set and aligned

## BEFORE TAKE OFF CHECKS

- Parking Brake Set
- Standby Alternator on
- Check Alt zero amps
- Check Generator Load 30-60 amps
- Generator switch trip
- Standby Alt load is positive
- Generator switch reset
- Fuel Boost norm
- Trim/flaps set for take off
- Inertial separator on/ check ITT increase
- Inertial separator off
- Engine Instruments check
- Rpm set 1800
- Pitot heat on check Gen load increase and leave on if less than 4 degrees
- Auto pilot set for climb and set heading to runway
- Strobe Lights and landing lights on
- Weather Radar as required
- Storm window closed
- Fuel and condition levers set for take off
- Transponder set as required
- Altimeter Set for take off
- check take off clearance from ATC
- release parking brake

## 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.