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737-800 Setup and Standard Operating Procedure Guide

If you follow this guide, you'll be operating exactly as we do for real. I appreciate sim flying is single pilot, but I've denoted the individual roles of Captain and FO, for realism.

I've included notes along the way (these aren't shown in the manuals) – but the notes will make it easier for you to find certain switches/explain the logic behind the process etc.

I recommend using this document as your primary means of aircraft setup. Then, use the free checklists on www.proflightstudios.com to keep everything in sequence. I mention the stages at which you should complete the checklists within these procedures.

It's long-winded, but everything in flying is based on experience for a reason. The more you do it, the more natural it becomes. Enjoy!

Any questions or errors discovered, please email info@proflightstudios.com

SIM USE ONLY

Electrical Power Up – Supplementary Procedure

First Officer - this is all “read and do”, it isn’t a scan flow from memory:

BATTERY switch Guard closed

STANDBY POWER switch Guard closed

ALTERNATE FLAPS master switch (overhead flight control panel – top left, red guard)..... Guard closed

Windshield WIPER selectors PARK

ELECTRIC HYDRAULIC PUMPS switches OFF

LANDING GEAR LEVER DN (verify that three greens are illuminated, reds are extinguished)

WEATHER RADAR OFF/TEST

External power:

Verify that GND POWER AVAILABLE light is illuminated:

GND POWER switch – ON

APU fire test (to make sure fire detection works before you start APU/engines)

Verify engine and APU fire switches are in (located behind thrust levers)

OVERHEAT DETECTOR switches – NORMAL

TEST switch – hold to FAULT/INOP:

MASTER CAUTION light illuminated

OVHT/DET annunciator illuminated (annunciator panel is next to the MASTER CAUTION/FIRE

WARN lights on glareshield)

FAULT light illuminated

APU DET INOP illuminated

TEST switch – hold to OVHT/FIRE: (do this as quick as possible, as the APU FIRE warning horn will sound in the wheel well, and the ground crew may get excited!):

Verify that fire warning bell sounds

Verify FIRE WARN lights are illuminated

Verify MASTER CAUTION lights are illuminated

Verify OVHT/DET annunciator is illuminated

Master FIRE/WARN light – Push (this tests that the warning is silenced/extinguished)

Verify that warning bell and FIRE WARN lights cancel

Engine and APU fire switches should remain illuminated

Verify that ENG 1 OVERHEAT and ENG 2 OVERHEAT lights stay illuminated

EXTINGUISHER TEST switch – check (located to the right of the ENG 2 fire switch)

TEST switch – Position to 1 and hold

Verify that three green extinguisher test lights are illuminated

TEST switch – Release

Verify that the three green lights extinguish

Repeat for test position 2