

737 pmdg real engine start up procedures

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How to Start and Operate the PMDG 737**

Starting Engines on a 737

1. **Prepare the aircraft:** Ensure the aircraft is in a safe position and all necessary checks have been completed.
2. **Turn on the APU:** Start the Auxiliary Power Unit (APU) to provide electrical power and bleed air.
3. **Set engine start levers:** Move the engine start levers to the "Start" position.
4. **Monitor engine parameters:** Observe the engine gauges to ensure the engines are starting correctly.
5. **Check for engine fire:** Listen for any unusual sounds or indications of an engine fire.

Starting the PMDG 737-700 Cold and Dark

1. **Turn on battery:** Select the "Bat" switch to activate the aircraft battery.
2. **Set up APU:** Start the APU using the appropriate controls.
3. **Turn on essential systems:** Power up necessary systems, such as navigation and communication equipment.
4. **Configure flight controls:** Check and adjust flight controls as needed.
5. **Start engines:** Follow the steps outlined above for starting the engines.

Turning on TCAS in PMDG 737

1. **Access the RADNAV menu:** Select the RADNAV page on the CDU.
2. **Find TCAS settings:** Navigate to the "TCAS" tab.
3. **Enable TCAS:** Set the "TCAS" field to "ON".

Starting an Engine Directly

1. **Locate engine start button:** Find the engine start button in the cockpit.
2. **Press and hold:** Press and hold the start button for the desired engine.
3. **Monitor engine progress:** Observe the engine gauges to ensure the engine is starting correctly.

Starting a Plane Engine

1. **Prepare the aircraft:** Follow the manufacturer's checklist for preparing the aircraft.
2. **Turn on power:** Activate the aircraft's battery and other necessary systems.
3. **Select fuel source:** Choose the desired fuel tank for engine operation.
4. **Set engine start controls:** Move the engine start levers or press the appropriate buttons.
5. **Check engine gauges:** Monitor the engine gauges to ensure the engines are starting correctly.

Starting APU in PMDG 737

1. **Access the APU menu:** Select the APU page on the CDU.
2. **Select start mode:** Choose the desired APU start mode, such as "Auto" or "Manual".
3. **Start APU:** Press the "Start" button to initiate the APU start.

Starting a 737-700

1. **Prepare aircraft:** Follow the pre-flight checklist and prepare the aircraft for operation.
2. **Start APU:** Start the Auxiliary Power Unit to provide power and bleed air.
3. **Set up flight controls:** Check and adjust flight controls as needed.
4. **Start engines:** Follow the steps outlined above for starting the engines.

Loading Time for PMDG 737

- The initial load time for the PMDG 737 varies depending on system configuration and hardware.

- Typically, it takes several minutes to load and initialize all aircraft systems.

Requirements for PMDG 737

- Microsoft Flight Simulator
- Minimum hardware specifications (refer to the PMDG website)
- Internet connection for downloading and updates

Ease of Flying PMDG 737

- The PMDG 737 is considered a realistic and complex aircraft simulation.
- It requires a good understanding of aviation and flight dynamics to operate effectively.

Other Common Questions

- **How do you start a cold airplane engine?** Follow the steps outlined for starting an engine directly.
- **How do you turn TCAS on?** Access the TCAS settings in the RADNAV menu and enable TCAS.
- **How does an engine start up?** An engine starter motor cranks the engine, which begins the combustion process.
- **What is the sequence of starting the aircraft engine?** Prepare the aircraft, turn on power, select fuel source, set engine start controls, and monitor engine gauges.
- **What is the difference between hot start and hung start?** A hot start occurs when an engine starts with high exhaust temperatures, while a hung start occurs when an engine is slow to start or fails to start.

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