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Title: Base station power supply v2500 start line

Generated on: 2026-04-03 12:47:34

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What is a V2500-A5 engine?

POWERPLANT SYSTEM COMPONENT LOCATION (2) SYSTEM OVERVIEW The IAE V2500-A5 engine is a two-spool, axial-flow, high-bypass-ratio turbo-fan power engine. The V2500-A5 can power all aircraft types of the SingleAisle family except the A318. V2500-A5 engines are available in several thrust ratings. All the engines have the same basic configuration.

What is a rated voltage for a V2500 power system?

(V2500 series corresponds with this regulation.) CAUTION! The rated voltage of power system that is installed on AC drive must be equal to or less than 240 Volts (400 /460V model is 480 Volts) and the current must be equal to or less than 5000A RMS.

What does a V2500 valve do?

The valve controls the internal air pressure to reduce engine torque during starting and idling. The newest build standard of the V2500, SelectOne, was certified by the FAA in late 2007.

What types of aircraft can a V2500-A5 power?

The V2500-A5 can power all aircraft types of the SingleAisle family except the A318. V2500-A5 engines are available in several thrust ratings. All the engines have the same basic configuration. A programming plug on the Electronic Engine Control (EEC) changes the available thrust.

The start valve controls the air flow from the starter air duct to the starter motor. The start valve basically comprises a butterfly type valve housed in a cylindrical valve body with in-line flanged ...

The document describes components of the V2500 power plant, including the nacelle, air intake cowl, fan cowl doors, and thrust reverser C-ducts. It explains that the power plant supplies ...

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V2500-A5/D5 SERIES PROPULSION SYSTEM SERVICE BULLETIN This document transmits the Revision 1 of Service Bulletin V2500-ENG-73-0220.

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This document provides an overview of the power plant system components for the IAE V2500 engine installed on Airbus Single Aisle aircraft. It describes the location of key engine ...

The start valve controls the air flow from the starter air duct to the starter motor. The start valve basically comprises a butterfly type vaive housed in ...

The V2500 is available for the A319, A320, A321 family of jetliners, and the Airbus Corporate Jetliner (ACJ) aircraft of these same types. It also powers the now out-of-production Boeing ...

The document provides an introduction to the V2500 propulsion unit, which is designed for short to medium range aircraft with up to 150 seats. It has a twin spool design with a high bypass ...

A supply of cooled air (buffer air) is admitted to the space between the chamber double skinned walls. The buffer air is exhausted from the cooling spaces close to the ...

The start valve basically comprises a butterfly type vaive housed in a cylindrical valve body with in-line flanged end connectors, an actuator, a solenoid valve and a pressure controller.

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Comprehensive technical training manual for the IAE V2500 engine power plant system on Single Aisle aircraft. Covers FADEC, ignition, starting, engine controls, and monitoring for Lvl 2& 3 ...

The document provides an introduction to the V2500 propulsion unit, which is designed for short to medium range aircraft with up to 150 seats. It has a ...

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