Allison 501 Engine


During the early-1950s, Allison Engine Company began development of the model 501 turboprop engine for the Lockheed C-130 Hercules. This engine would become the T56 in military service and is still in production today. On the military side, the T56 powers (or powered) the C-130 Hercules, P-3 Orion, E-2 Hawkeye, and C-2 Greyhound, while the ...

Allison 501-KB7 - International Power Technology

Our network of parts suppliers can provide all new parts for the Allison 501 KB, KC and KF family of gas turbines. Full Load On-Site Testing After Repair or Overhaul, we full load test both Single Shaft 501KB/KB5 turbines and 501KC/KC5/KF gas generators in our on-site test facility that has 4 MW of load banks connected to the Turbine Generator ... Pro Tech Turbine Services LLC - Allison 501 Gas Turbine ... The engine’s commercial version, the T56 501-D, is the world-leading large turboprop engine. The T56 is a single shaft, modular design, turboprop engine. The gearbox has two stages of gear reduction, features a propeller brake and is connected to the power section by a torque meter assembly. 70. Countries operate the T56.

Review: Allison Prop Jet 501-D13 Engine | IPMS/USA Reviews

The T56 is an American single-shaft, modular design military turboprop with a 14-stage axial flow compressor driven by a four-stage turbine. It was originally developed by the Allison Engine Company for the Lockheed C-130 Hercules transport entering production in 1954. It has been a Rolls-Royce product since 1995 when Allison was acquired by Rolls-Royce.

StandardAero > Engines > Rolls-Royce > T56/501-D

The Allison 501-K17 Ship Service Gas Turbine Generator Set (SSGTGs) is used is provide ship board electrical power on several U.S. Navy Class ships, including the DD-963 Spruance Destroyer, the DDG-993 Kidd Guided Missile Destroyer and CG-47 Ticonderoga Guided Missile Cruiser Classes.

Allison T56 & 501 Engine Parts (B) | Salvex

The Rolls-Royce Allison (RRA) 501-K34 serves as the prime mover for the Ship Service Gas Turbine Generator sets (SSGTGs) of the U.S. Navy’s DDG-51 Class ships. Navy experience with the 501-K34 began in 1988 with the testing of the first prototype. Experience to date includes over 700,000 fired hours on a growing fleet of engines.

T56 – Rolls-Royce

The SGT-A05 (Industrial 501-K) gas turbine engine is an aero-derived engine based on the T-56 turboprop, which is recognized for its reliability and durability in the Lockheed Martin C-130 Hercules transport, E2C Hawkeye, P-3 Orion and other widely used aircraft. The aeroderivative design of the SGT-A05 series engine provides a lightweight ... Allison 501-D22 Archives - This Day in Aviation

The Allison T38 (company model 501) was an early turboprop engine developed by Allison Engine Company during the late 1940s. The T38 became the basis for the very successful family of Allison T56 turboprop engine. T38 The McDonnell XF-88B with a T38 turboprop in the nose. Type. Allison 501-D13 (Electra) engine - YouTube

The Allison 501-KB7 is the highest horsepower version (simple cycle) of the 501-K series of engines. A single stage boost compressor, improved vane cooling, higher strength turbine blades and many other enhancements have been incorporated for improved performance, durability and operating cost. The aeroderivative design of the 501-K series ... Allison 501 Engine

The Allison T56 is an American single-shaft, modular design military turboprop with a 14-stage axial flow compressor driven by a four-stage turbine. It was originally developed by the Allison Engine Company for the Lockheed C-130 Hercules transport entering production in 1954. It has been a Rolls-Royce product since 1995 when Allison was acquired by Rolls-Royce.

Allison T56-A-1 (501-D13) Turboprop Engine, Cutaway, Motorized. ... Allison designed the T56 turboprop for the C 130 and first flight tested the engine in 1954 in the nose of a Boeing B-17 test bed aircraft. The first production installation was on the Lockheed YC 130, which first flew in August 1954. ... Allison 501-KH - International Power Technology

The Allison 501-KH is ideal for applications with variable steam & electricity demands. The Allison 501-KH has accumulated more than 1,000,000 operating hours. This steam injected derivative of the 501K engine provides a modular product that helps drive down operating costs.

SGT-A05 | Aeroderivative Gas Turbine | Gas Turbines ...

Order the amazing #Allison Prop #Jet #Engine #Turboprop from the vintage Renwal and Revell molds reissued by the folks at Atlantis Models!Allison Prop Jet 50 ... U.S. Navy Rolls-Royce Allison 501-K34 Operating Experience ... For over 50 years of supporting the Rolls-Royce T56 and 501-D family of engines, StandardAero has the most comprehensive C-130 and P-3 propulsion system overhaul and repair capability worldwide. Our experience and innovation have delivered market-leading technical developments and product enhancements.

Allison 501-K17 SSGTGS Technical Directive Experience | GT ...
The L-382 was powered by four Allison 501-D22 turboprop engines, rated at 3,755 shaft horsepower at 13,820 r.p.m., and driving four-bladed Hamilton Standard Hydromatic constant-speed, reversible-pitch propellers with a diameter of 13 feet, 6 inches (4.115 meters), at 1,020 r.p.m. Maximum operating altitude 32,600 feet (9.936 meters)

Allison T56 - Wikipedia
Allison 501-D13 turboprop engine off of a Lockheed L-188 Electra.

Allison 501-KH - International Power Technology
The 5MW class Allison 501-KB7 gas turbine was introduced to the industrial power generation market in 1993 as a low risk upgrade of the 501-KB5 engine. The aero-derivative and industrial background of the 501-KB5 engine is discussed along with the 501-KB7 product definition and product description.

Atlantis Model Company 1/10 Allison 501-D13 Prop-Jet...
Auction for Allison T56 & 501 Engine Parts (B) Airbus and Embraer Aircraft A320, A330, ERJ-190, ERJ195 & ATR-72 Rotable Spare Parts: Transponder ATC and More (122 Units)

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