AE 2100

Power for SAAB, Lockheed, LMATTS and ShinMaywa

Developed to power the latest generation of high-speed turboprop aircraft, the AE 2100 has been designed to operate under the demanding conditions of open water and off-runway take-offs and landings. Setting new standards of turboprop performance, efficiency and economy, the AE 2100's versatility is highlighted by its selection for regional, key military transport and long-range maritime patrol applications worldwide.

Sharing a common core with both turbofan and turboshaft engine variants, the AE 2100 benefits from 70 per cent parts commonality with the other engines in the AE family. This allows the collective service experience of over 4000 AE engine deliveries to be carried through all phases of the AE 2100 product life cycle. Hence all AE 2100 operators benefit from over 17 million hours cumulative service experience and the continuous improvement and investment that this experience delivers.

Transporting passengers and cargo at record setting altitudes and speeds, the AE 2100 has power to spare – delivering the reliability, durability and performance required by regional, transport and special mission applications worldwide. The AE 2100 continues to be the world's leading high power turboprop.

- Most efficient, environmentally friendly engine in its class
- Powering high speed regional, transport and special mission aircraft
- Core engine based on thoroughly proven T56 family
- Over 75% of fleet supported under TotalCare agreements

Engine Specification

SLS, ISA flat rated to 37-45˚C/98-113˚F	
Shaft HP capability	4,152-6,100shp
Pressure ratio	16.6
Inlet massflow	37.4lb/sec
Inlet diameter	31.2in
Length	103in
Stages	14 HPC, 2 HPT, 2 PT
Civil applications	Saab 2000
Military applications	Lockheed C130J, Lockheed/Alenia C27J, Shinmaywa US-1A KAI

Rolls-Royce

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