Rolls-Royce

M250 turboprop

Powering the world's light aircraft

M250

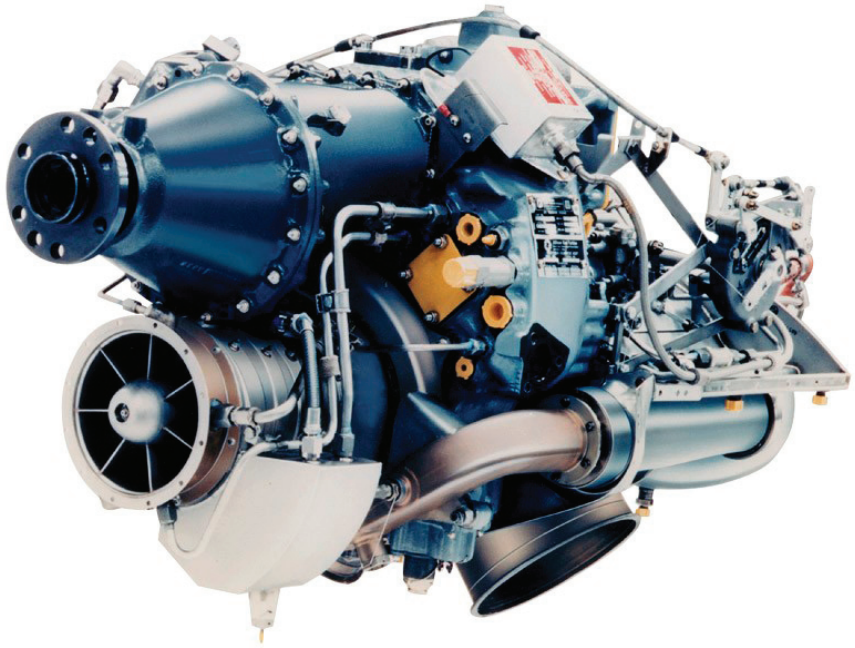
M250 turboprop

Powering the world's light aircraft

The M250-B17 turboprop engine series represents the latest refinement of a rugged and highly reliable small turboprop engine.

As a part of the M250® family, the first M250-B15 turboprop has grown with the core engine into a family of highly successful engines for light fixed-wing aircraft, culminating in today's 450shp M250-B17.

- Low direct operating cost
- Single and twin engine applications
- Simplified, compact construction
- Excellent power-to-weight ratio
- Multi-fuel capability
- Factory authorised support network



Power 450shp **Width** 19.4in **Length** 45in **Weight** 212lb **Certification** 1971

Rolls-Royce

simply delivers more

The M250 turboprop is popular due to its small size and high power-to-weight ratio, which make it ideal for Original Equipment Manufacture Type Certified (OEMTC) designs and for Supplemental Type Certificate (STC) conversions of existing piston-engined designs. Over 1,400 M250 turboprops are flying, with over five million flight hours.

This lightweight, high-powered engine operates on all certified aircraft fuels, a feature favoured by operators taking them into remote regions of the world.

The M250 turboprop enjoys the benefits from a continuous improvement culture which has seen the M250 remain at the forefront of small gas turbine engine design.

The M250-B17 has a factory authorised global support network of overhaul, maintenance, service centres and spare parts.

EIS 1971

Performance

Sea level static rating	Delivered shaft horsepower		Measured gas temperature (˚C)		Sfc lb/shp-hr (max)	
	B17C	B17F, F/C, F/2	B17C	B17F, F/C, F/2	B17C	B17F, F/C, F/2
Take-off*	450	420	810	810	0.613	0.657
Normal cruise	380	369	752	738	0.635	0.656
Cruise A (90%)	377	332			0.637	0.670
Cruise B (75%)	314	277			0.673	0.715

*Measured gas temperature for takeoff up to 810˚C is permitted provided maximum torque is not exceeded

VCOM13797 December 2009

www.rolls-royce.com

Printed on 75% recycled material