



Rolls-Royce

M250 turboprop

Powering the world's light aircraft



M250

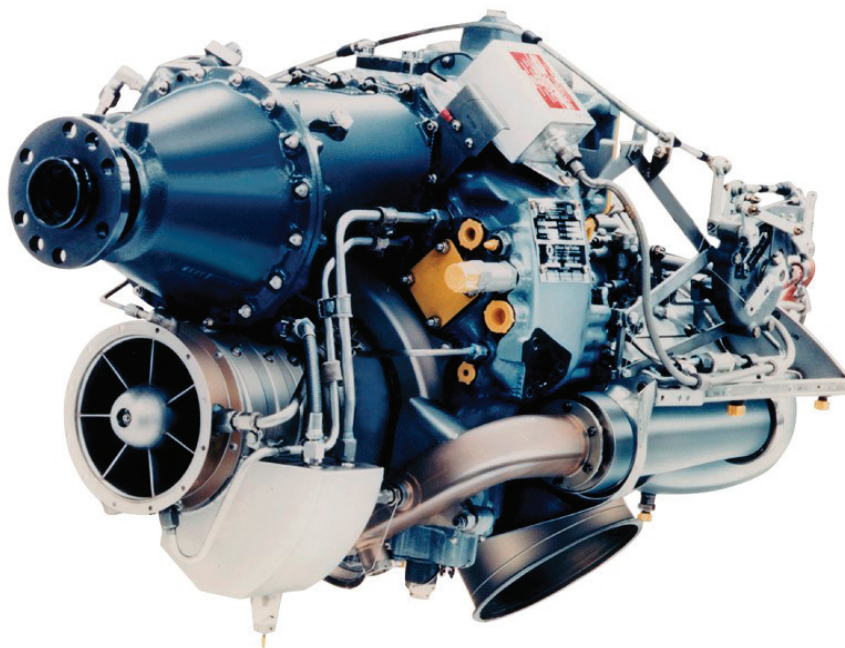
M250 turboprop

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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

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.



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



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VCOM13797 December 2009

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