

Engine specification

Engine	M250-C47E
Power shp (kW)	700 (522)
Pressure ratio	9.2
Length in (m)	42.949 (1.091)
Diameter in (m)	24.810 (0.630)
Basic weight lb (Kg)	293 (133)
Compressor	1CFHP
Turbine	2HP, 2PT
Applications include	MQ-8C

Trusted to deliver excellence



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M250-C47E turboshaft Powering the world's newest light helicopters





Powering the world's newest light helicopters

M250-C47E turboshaft

The Rolls-Royce M250-C47E is the latest evolution to the world's leading M250 heritage. First certified at a rating of 317 shp, continuous improvement programs have increased this latest variant rating to 700 shp.

Virtually every turbine-powered light helicopter manufacturer produces an aircraft which offers one of the Rolls-Royce M250 engines. This fleet of engines has accrued in excess of 240 million fleet flight hours on more than 31,000 engines delivered.

The M250 enjoys continued integration of advanced turbine engine technology designed to make it the most reliable, cost effective and durable engine in the world. In addition to the proud heritage of the M250, it is backed by

a worldwide authorized repair and overhaul network giving M250 customers professional support anywhere.

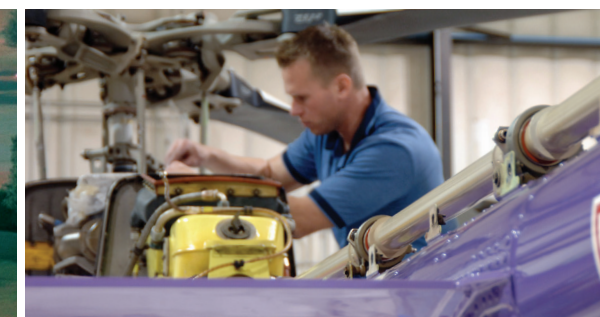
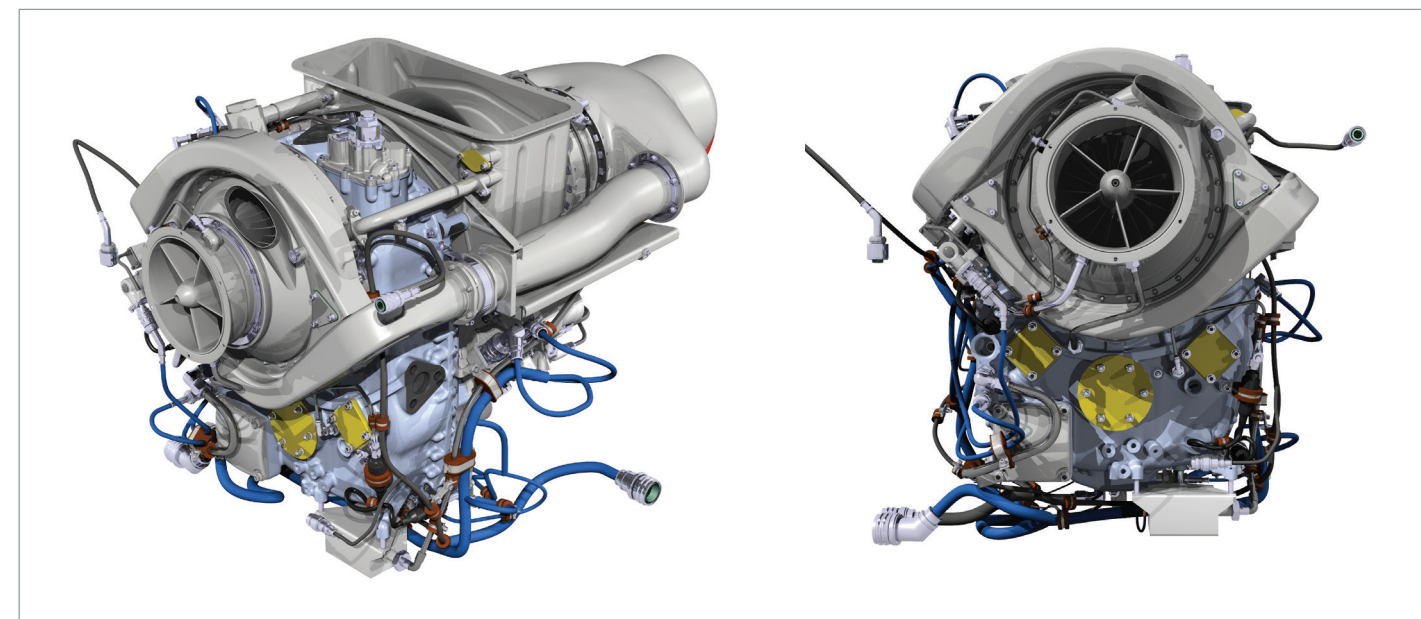
Rolls-Royce provides extensive service training across the M250 product line. "Hands-on" sessions are coupled with self paced, computer-based training, supported by experienced instructors. Our objective is to enable the operator's personnel to perform maintenance, inspection, troubleshooting, and ground checkout on the entire family of M250 engines.



01 MQ-8C

02 MD530

03 Bell 407GX



- A redesigned diffuser features modified vane geometry and elliptical leading edges.
- A revamped impeller includes reduced blade leading edge thickness.
- Turbine nozzle modification optimizes engine flow characteristics for improved performance.
- Increased Engine Health Monitoring Capability.
- New Dual Channel FADEC engineered to reduce the end-users' direct operating costs.
- New Fuel Metering Unit (FMU) with Integral Fuel Filter & delta-P Bypass Sensor.
- New Fuel Pump & Power Unit (FPPU).
- New Scavenge Oil Filter w/delta-P Bypass Switch.