

Engine specification

Engine	RR300
Power shp (kW)	240-300 shp (179-224)
Pressure ratio	6.20
Length in (m)	23.75 (0.603)
Diameter in (m)	23.75 (0.603)
Basic weight lb (Kg)	202 (91.63)
Compressor	1 CFHP
Turbine	2HP, 2PT
Applications	Robinson R66



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Trusted to deliver excellence



RR300 turboshaft
Lightweight turbine power for a new era of aircraft





Lightweight turbine power for a new era of aircraft

RR300 turboshaft

The RR300 introduces state-of-the-art turbine-powered flight. It combines modern design with the proven legacy of the M250® series to power the small rotary market.

The affordable RR300 was designed for reliable turbine powered flight for a new generation of aircraft.

Designed as a replacement for piston engines in light helicopters, the engine is optimized for performance in the 240 – 300 shp power range. It has true multi-fuel capability and turbine engine responsiveness, smoothness and worry free reliability.

The engine maintenance philosophy of a 2,000 hour Preventative Maintenance Inspection (PMI) was incorporated throughout the design phase to assure dependable power and predictable performance for the owner / operator.

Optional TotalCare® support plans are available to cover both scheduled and unscheduled engine events. It's an easy and convenient program with global owner/operator support.

The RR300 first flew mid-2007 in the launch aircraft for the engine, the Robinson R66 five-seat, light helicopter.

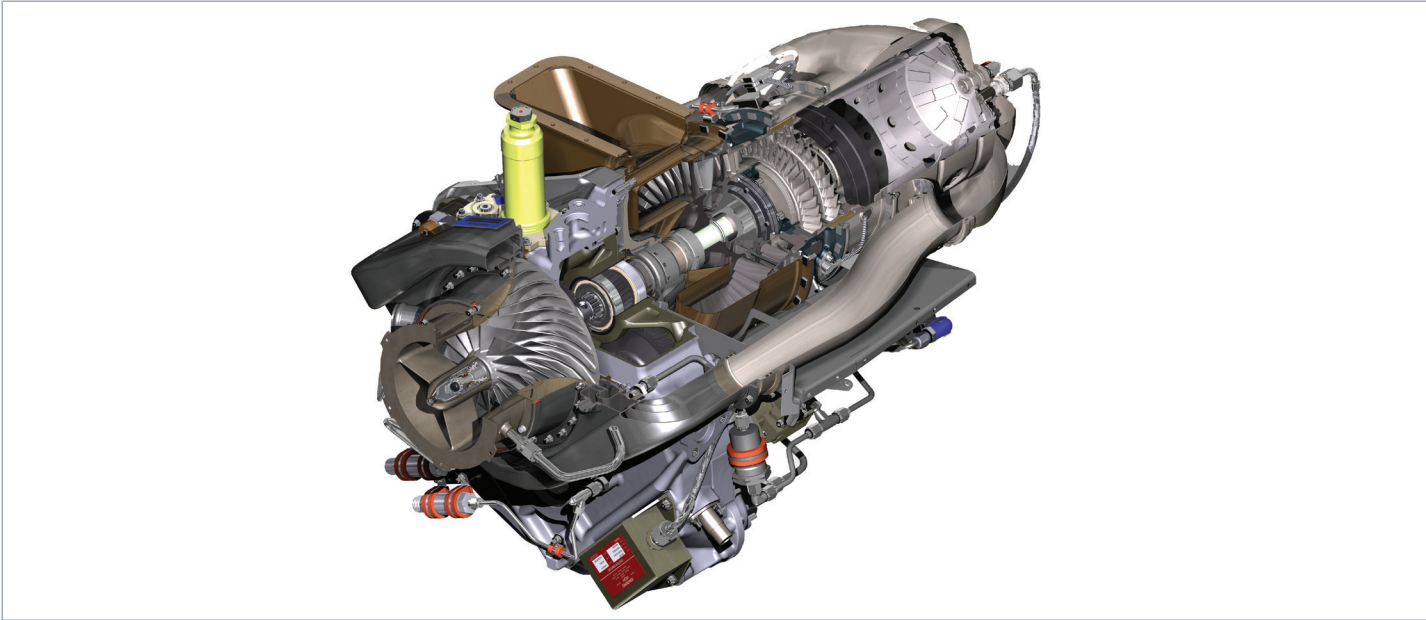
The RR300 engine has a factory authorized support network of overhaul, maintenance, service centers and spare parts.

Based on the design of the hugely popular M250 family of engines, the RR300 features technological advances such as a new, simplified single-stage centrifugal compressor, delivering sfc improvements between 7 and 9 per cent.

Utilizing our state-of-the-art Small Engine Assembly Line with the latest generation of environmentally green test cells, the RR300 remains in full rate production to satisfy growing market demand.



- Low cost turbine power for the light helicopter and general aviation market.
- Design based on a proven heritage of more than 240 million flight hours.
- Simplified, compact installation.
- Light-weight configuration.
- Excellent SFC.
- Predictable maintenance.
- Factory authorized support network of overhaul, maintenance, service centers and spare parts.
- Engine Monitoring Unit.



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