

RAISING THE STANDARD OF EXCELLENCE



Rolls-Royce M250

Support Capabilities



World-class M250® turboshaft support from StandardAero, a Rolls-Royce Authorized Maintenance Repair and Overhaul Center (AMROC)

As a worldwide leader in helicopter and engine maintenance, repair and overhaul, StandardAero is dedicated to providing the highest standards of quality, reliability, and customer service to more than 3,000 customers in over 85 nations.

StandardAero has an established reputation as a provider of M250 services to civil and military operators worldwide. We have been supporting M250 operators for over 50 years, with facilities in Canada, Singapore and the USA. We have Service Center personnel operating out of locations worldwide to support you 24 hours a day, 365 days a year. Whether you need a complete overhaul in the shop or AOG field support, we're your anytime, anywhere partner in M250 maintenance.

We have a demonstrated commitment to delivered excellence, including TAT, pass-off performance and warranty support. As a Rolls-Royce authorized M250 MRO provider, StandardAero provides the highest quality workmanship and service.

In addition to M250 MRO, StandardAero offers capabilities for cross-fleet support, including MRO on other turboshaft engine models, helicopter airframe and dynamic component MRO, engine accessory MRO, and offerings such as aircraft management and design services.



As a Rolls-Royce Authorized Maintenance Repair and Overhaul Center (AMROC), StandardAero has full access to OEM technical data and specifications, ensuring high-quality MRO services. We are also an active participant in the Rolls-Royce Authorized Maintenance Center (AMC) council.

StandardAero has developed major product improvements for the Rolls-Royce M250 series engines, including the alignment build process. This alignment build has allowed StandardAero to reduce engine vibration and power deterioration, which results in greater reliability.

Rolls-Royce M250-C47B VIP Upgrade

StandardAero offers the Rolls-Royce M250-C47B Value Improvement Package (VIP) Upgrade for Bell 407 helicopter operators. StandardAero teamed with Rolls-Royce to perform some of the very first M250-C47B VIP upgrades in 2012, and has performed multiple conversions since.

The VIP Advantage

- Modifications to the M250-C47B's impeller, diffuser and first-stage turbine nozzle
- Improved hot/high engine performance
- Lower direct operating costs through decreased fuel burn and reduced part attrition
- No increase in engine weight
- Upgrades your engine to the same production-standard M250-C47B/8 configuration installed in the current Bell 407GXP

M250 Capabilities

StandardAero offers a range of responsive, high-quality M250 services, including:

- Engine/module repair & overhaul
- In-house test cells
- Model conversions
- Complete test capabilities
- Borescope inspection
- Custom-build capabilities
- Failure analysis
- Component repair
- Foreign object damage (FOD) repair
- Rental pool available
- 24-Hour AOG support
- Parts support
- Service bulletin (SB) compliance
- Engineering support
- Worldwide field service
- Custom-build capabilities

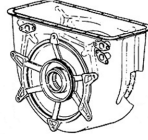
Our M250 component repair and overhaul (CRO) capabilities are as follows:

M250 Engine Capabilities	Overhaul	Repair	Inspect	Modify	Test
M250 Series IV (C30/P/S/R/G/G2/HU, C40B, C47B/M/B8)	●	●	●	●	●
M250 Series III (C28B/C)	●	●	●	●	●
M250 Series II (B17B/C/D/F/F2, C20B/J/F/W, C20R/R1/R2/R4)	●	●	●	●	●
M250 Component Capabilities - Series II, III, IV					
Outer Combustion Chamber	●	●	●	●	
Discharge Tubes	●	●	●	●	
Combustion Liner (standard & smokeless)	●	●	●	●	
Gas Producer Support	●	●	●	●	
Power Turbine Support	●	●	●	●	
Exhaust Collector	●	●	●	●	
1 Stage Nozzle Shield	●	●	●	●	
1, 2, 3 & 4 Stage Nozzle	●	●	●	●	
P.T. Sump Cover	●	●	●	●	
P.T. Inner & Outer Shaft	●	●	●	●	
Containment Ring	●	●	●	●	
Gearbox Cover & Gearbox Housing	●	●	●	●	
Diffuser Vane Ring	●	●	●	●	
Front Diffuser / Shroud Housing	●	●	●	●	
Rear Diffuser / Rear Support	●	●	●	●	
Oil Pump	●	●	●	●	
Oil Filter Housing	●	●	●	●	
Compressor Front Support	●	●	●	●	
Compressor Scroll	●	●	●	●	

M250 Component Capabilities (Series II / III / IV)

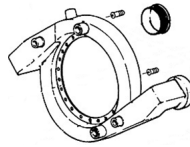
Combustion Liner (standard & smokeless) OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.019



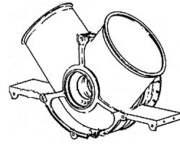
Compressor Scroll OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.026, ALRI.028



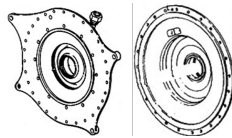
Exhaust Collector OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.033



Rear Diffuser OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs:
- ALRI.009



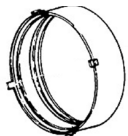
P.T Sump Cover OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.031



Containment Ring OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



Compressor Front Support OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.022



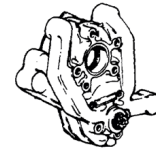
Diffuser Vane Ring OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.027



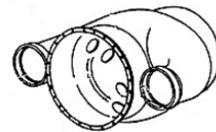
Gearbox Housing OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.006, ALRI.007, ALRI.015, ALRI.018, ALRI.023



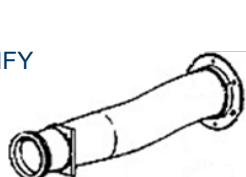
Oil Pump OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals
- In-house OEM approved repairs
- ALRI.012



Combustion Chamber OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



Discharge Tubes OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals

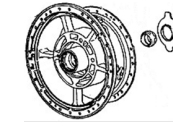
4 Stg Nozzle OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



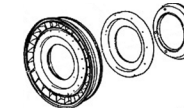
Gas Producer Support OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



1 Stg Nozzle OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



2 Stg Nozzle OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



P.T Outer Shaft OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



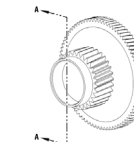
Power Turbine Support OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals

Molybdenum Coating Capabilities

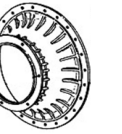
Breather Gear/Air Oil Separator - series II / IV

- Molybdenum coating



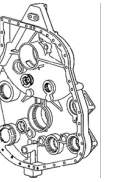
Front Diffuser OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



Gearbox Cover OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



1 Stg Nozzle Shield OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



3 Stg Nozzle OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



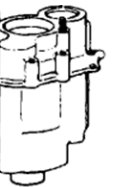
P.T Inner Shaft OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



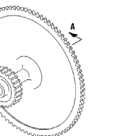
Oil Filter Housing OVERHAUL / REPAIR / INSPECT / MODIFY

- Repairs available
- I.A.W OEM manuals



Torquemeter Gear - series IV

- Molybdenum coating



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M250 – Service Locations

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20699 Westminster Highway
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M250 – Component & Accessory Repair

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