

About Us

RB211

Avon

Olympus -
501KB - 57X

501KB - KC

Component
Repair

Engine Testing

Field Service

Training

Contact



world class service and technical excellence in
gas turbine maintenance

About Us

Rolls Wood Group is a Joint Venture Company between John Wood Group PLC and Rolls-Royce PLC. Backed by the resources of these world renowned companies, we are the global market leader for the maintenance, repair and overhaul of Rolls-Royce industrial gas generators and power turbines.

Formed April 1990 we currently have 500 employees worldwide, located in:

- Aberdeen, Scotland
- Houston, Texas, USA
- Kuala Lumpur, Malaysia
- Maracaibo, Venezuela
- Dubai, United Arab Emirates



About Us

We focus on finding the best solution for each customer's business needs. We take time to understand individual requirements, and apply our skills, industry knowledge and experience to develop the right services to meet clients' objectives.

- Engine Repair & Overhaul
- Engine Sale/Exchange Programmes
- Component and Accessory Repair and Exchange
- Engine Testing
- Field Service
- Technical Support
- OEM's Premier Service Provider
- Support Engines
- Contract Management
- Workscope Planning and Material Pre-provisioning
- Customer Inventory Management



About Us

The core values of our organisation underpin and set the global standard that guides our thinking, determines our behaviour and allows us to adapt to local needs. Our core values:

- Safety and Assurance
- Social Responsibility
- People
- Integrity
- Relationships
- Innovation
- Financial Responsibility

In Rolls Wood Group, we are committed to building and sustaining a safe working environment for our employees, free from accidents or incidents. Equally, it is our responsibility to minimise adverse impacts of our business on the environment and to support our local communities.

To fulfill these key business values, Rolls Wood Group management strives at all times to:

- Comply with and exceed all relevant Quality, Health, Safety and Environmental (QHSE) requirements.
- Raise awareness of the importance of QHSE throughout our organisation.
- Implement effective QHSE training programmes and initiatives.
- Improve QHSE performance year-on-year.



RB211

The RB211 facility located in Aberdeen, Scotland is dedicated to the maintenance and servicing of all RB211 Engine types from -22 variants through to the GT DLE which is today's product of choice for operators of Aero-derivative equipment.

Engine configurations - All RB211 Variants

Workshop Footprint - 49,000 Sq/ft

Workforce - 96 Employees

Overhaul Turntime - 56 Calendar days

Inventory - £15M UK Sterling

Customer Management Services - Single Point Contact

Material Expediting - Fast Track Parts Management

Expertise - Industry Leaders

In Service Support - Integrated Support Network

Experience - Over 700 units to date



- About Us
- RB211
- Avon
- Olympus - 501KB - 57X
- 501KB - KC
- Component Repair
- Engine Testing
- Field Service
- Training
- Contact

Avon

The Avon facility located in Aberdeen, Scotland is dedicated to the maintenance and servicing of all Avon Engine types from Mk 1533, 1534 and 1535 variants including latest available product upgrades the new speed pick up probe, swirler burner and Avon 200 enhancements.

- Engine configurations - All Avon Variants
- Workshop Footprint - 42,000 Sq/ft
- Workforce - 90 Employees
- Overhaul Turntime - 56 Calendar days
- Inventory - £12M UK Sterling
- Customer Management Services - Single Point Contact
- Material Expediting - Fast Track Parts Management
- Expertise - Industry Leaders
- In Service Support - Integrated Support Network
- Experience - Over 1800 units to date



Olympus - 501KB - 57X

The Olympus-SK30, 501KB/57X facility located in Aberdeen Scotland is dedicated to the maintenance and servicing of all Olympus Engine marks from 'A' to 'C1', including the overhaul of the SK30 power turbines. In addition, dedicated to the maintenance of the 501KB range covering Europe, also the 57X fleet world-wide.

Engine configurations - All OLYMPUS Variants A, B, C, C1.
All 501KB and 57X

Workshop Footprint - 18,000 Sq/ft

Workforce - 36 Employees

Overhaul Turntime - 120 Calendar days

Inventory - £6 M UK Sterling

Customer Management Services - Single Point Contact

Material Expediting - Fast Track Parts Management

Expertise - Industry Leaders

In Service Support - Integrated Support Network

Experience - Over 395 Olympus units to date



501KB - KC

The 501K facility located in Houston, Texas is dedicated to the maintenance and servicing of all 501K Engine types including all KB, KC, KF, KH variants as well as all Dry Low Emission (DLE) variants. Overhaul and repair of the marine K17 and K34 is also provided.

Engine configurations - All 501K variants

Workshop Footprint - 45,000 Sq/ft

Workforce - 85 Employees

Overhaul Turntime - 85 Calendar days

Inventory - \$18M US Dollars

Customer Management Services - Single Point Contact

Material Expediting - Fast Track Parts Management

Expertise - Industry Leaders

In Service Support - Integrated Support Network

Experience - Over 4,300 units to date



Component Repair

Our Main Workshop is located in Aberdeen, Scotland. We are dedicated to Providing Component Repair Service supporting our product lines.

Workshop Footprint - 34,000 ft.

A dedicated workforce of 90 employees supporting the product line.

Supporting 90% of parts repair needs.

Component Refurbishment.

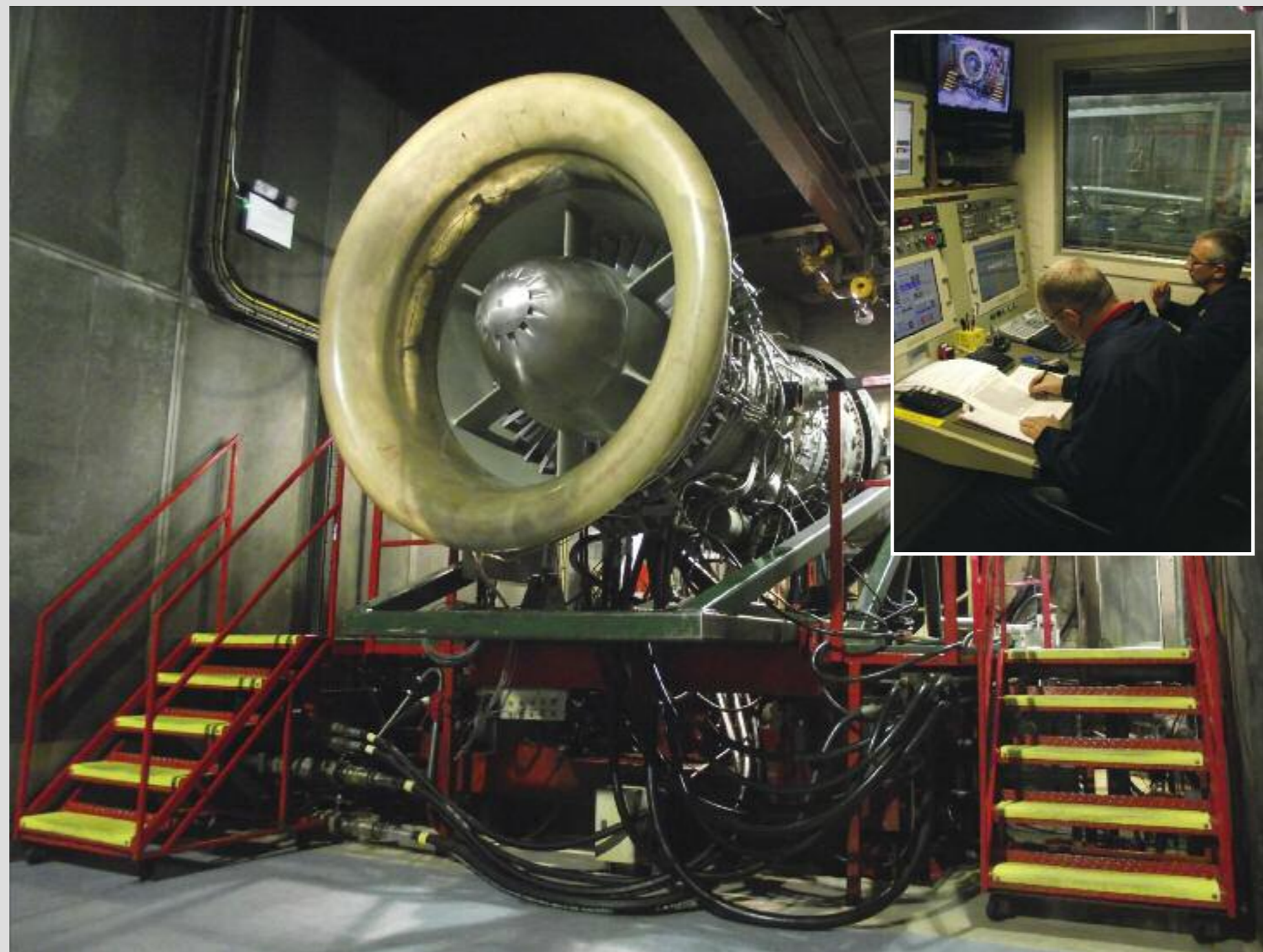
- Turbine Blades
- Nozzle Guide Vanes & Stator Vanes
- Seal Segments
- Rotor Blades
- Casings
- Bearings
- Turbine Discs
- Shafts and Couplings
- Combustion Hardware
- Thermal Spray Coatings
- Specialist Industrial Coatings



Engine Testing

Our main Test Bed facility is located in Aberdeen, Scotland. We are dedicated to providing engine performance testing in support of the RB211, Avon and Olympus product lines. In addition we have the ability to test the 501 engine at our facilities in the USA/UK and RB211 DLE engines in conjunction with Rolls-Royce at Ansty.

- A dedicated workforce of 8 employees working a 2 shift cycle
- Fully maintained and calibrated CAT 1 test facilities
- Testing carried out to OEM test schedules
- Performance calculated using site specific OEM analysis programme
- Ability to test RB211 A, B, C and G engines on liquid fuel at Aberdeen
- Ability to test RB211 DLE, GT and GT DLE engines on gas at Ansty
- Testing of all Avon marks, including Avon 200 upgrade and phase 1 configuration at Aberdeen
- Testing of all ratings of Olympus engine at Aberdeen
- 173 engine tests completed in 2010



Field Service

Dedicated teams supporting each of our product lines covering Avon, RB211 Olympus and 501K-57X.

- Integrated field service teams
- Installation / removal services
- Commissioning duties
- Preventative maintenance
- Borescope Inspection evaluation
- General GG Trouble shooting
- Latest techniques and criteria adopted
- Detailed reporting methods



Training

Rolls Wood Group Apprentice Training Centre

Rolls Wood Group delivers an in-house engineering Modern Apprenticeship Programme over a four year period. This comprises of one year off-the-job training in our dedicated Training Centre (Workshop facility) followed by three years on-the-job training and assessment to National Occupational Standards in their respective product line facilities. The training centre is fully accredited by the Scottish Qualifications Association (SQA), Scottish Development Skills (SDS), Sector Skills Council for Science, Engineering Manufacturing Technologies (SEMTA) and EAL.

Employee Development

Rolls Wood Group provides continuous training for its employees, with courses run by both in-house training officers and external training companies.

These courses cover all aspects of Health & Safety, Personal Development and Technical Knowledge.



About Us	RB211	Avon	Olympus - 501KB - 57X	501KB - KC	Component Repair	Engine Testing	Field Service	Training	Contact
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Contact

Rolls Wood Group is a global market leader in provision of gas turbine services. Worldwide, it currently has over 500 employees in the UK, 85 people in the USA and a team of 20 people in Malaysia.

UK

Avon, RB211, Olympus, Component Repair, 501KB and 57X

Rolls Wood Group (Repair & Overhauls) Ltd

Rolls Wood House
Wellheads Industrial Centre
Dyce, Aberdeen
AB21 7GA

Tel: +44 (0)1224 797000
Email: rwg@rwgroup.com



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USA

501KB - KC

Rolls Wood Group (Repair & Overhauls), USA Inc.

6223 W. Sam Houston Parkway N.
Houston, TX 77041

Tel: +1 (713) 538 9700

Email: rwg-tx@rwgroup.com



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Venezuela

C/O Rolls Wood Group (Repair & Overhauls) Ltd

Edif. Wood Group GAS Turbines
Av. 60, esquina calle 137
Zona Industrial 1era Etapa
Maracaibo
Zulia

Tel: +0058 261 736 2721 Ext 212
Email: KSmith@rwgroup.com



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Dubai

C/O Rolls Wood Group (Repair & Overhauls) Ltd
Wood Group GTS
Oilfield Supply Centre
Building 28
PO Box 1518
Dubai
United Arab Emirates

Tel: +0097 1504 501863
Email: rcassie@emirates.net.ae



Contact

Rolls Wood Group is a global market leader in provision of gas turbine services. Worldwide, it currently has over 500 employees in the UK, 85 people in the USA and a team of 20 people in Malaysia.

Malaysia

Rolls Wood OTEC Sendirian Berhad
No. 3 Jalan Anggerik Mokara 31/50
Kota Kemuning
40460 Shah Alam
Selangor
Malaysia

Tel: +603 5121 0064 ext 1001
Email: Enquiry@rwo.com.my

