

Senior Gas Turbine Operations Executive & Technical Authority

Andrew McClare

PROFESSIONAL PROFILE

Andrew McClare is a senior gas turbine operations executive with more than 45 years of leadership across aerospace propulsion, industrial gas turbines, repair and overhaul, field service, and international service centre operations. His career combines hands-on technical authority with executive responsibility for operations, customer support, quality, and business development across the Americas, Europe, the Middle East, and the Caribbean.

Recognized for technical leadership, operational excellence, customer support, quality management, business expansion, and field service execution across global markets.

Selected career highlights include establishing turbine repair and overhaul operations in the United States and Venezuela, directing service centre and field operations across the Americas, supporting major energy and power-generation customers, and serving as technical authority for gas generator repair, modification, inspection, and overhaul programs.

CORE COMPETENCIES

- Gas Turbine Repair & Overhaul
- Industrial Gas Generators
- Aircraft Propulsion Systems
- Technical Authority & Engineering Leadership
- Operations Management
- International Business Development
- Field Service Management
- Engine Diagnostics & Troubleshooting
- Rotating Equipment Balancing
- Test Bed Operations
- Quality Assurance & Documentation Control
- Customer Relations & Technical Support
- Import / Export Logistics
- Team Leadership & Training
- Workshop & Service Centre Management

PROFESSIONAL EXPERIENCE

President of Operations – Americas

July 2014 – September 2019

Alba Power Incorporated

- Directed all operational activities throughout the Americas.
- Managed workshop repairs for Rolls-Royce Avon, Allison KB, Olympus, RB211, PW GG4, and RT48 power turbines.
- Expanded business development activities across North and South America.
- Led technical and commercial operations while maintaining service quality and customer satisfaction.

President, Score Energy Inc. | Managing Director, Score Andes C.A. | Works Director & Technical Authority, Score Energy Ltd.

June 2006 – July 2014

Score Group

- Established a turbine repair and overhaul operation in the United States.
- Expanded Score Energy's presence throughout North and Latin America.
- Managed service centres and field operations in Venezuela.
- Supported major clients including Great Lakes Gas Transmission, TransCanada Pipelines, Exeo Power, Mystic Power, Harrisonburg Electric, Burlington Electric, PDVSA, and Wilpro Energy Services.

- Led technical support teams and field service operations.
- Approved technical drawings, work scopes, modifications, and engineering procedures.
- Developed product improvements and innovative gas generator system modifications.

Works Director & Technical Authority, Score Energy Ltd. | Managing Director & Legal Representative, Score Andes C.A. (Venezuela)

June 1999 – June 2006

Score Group

- Established and managed Score's turbine operations in Venezuela.
- Directed repair, modification, inspection, and overhaul activities for Rolls-Royce Avon and RB211 gas generators.
- Provided technical support and field services to PDVSA and Wilpro Energy Services.
- Managed import/export operations and logistics for equipment and spare parts.

Regional Service Centre Manager – Central & South America

June 1998 – May 1999

Rolls-Royce Canada Ltd.

- Established and managed a Rolls-Royce service centre in Venezuela.
- Oversaw quality control, technical reporting, and documentation management.
- Supported PDVSA's fleet of RB211 and Avon gas generators.
- Coordinated regional sales and aftermarket support activities.

Field Service Representative

January 1996 – May 1998

Rolls Wood Group – Venezuela

- Represented the company throughout Latin America, Mexico, the Caribbean, and Venezuela.
- Managed customer relationships, documentation, reporting, and aftermarket support.
- Coordinated field service engineering activities across multiple countries.
- Controlled tooling, equipment, and spare parts inventories for South American operations.

Field Service Coordinator

January 1995 – January 1996

Rolls Wood Group – Aberdeen

- Supervised a team of 12 field service engineers.
- Managed customer support, work scheduling, and quality standards.
- Coordinated worldwide travel, logistics, equipment, and training activities.
- Maintained operational efficiency and service quality.

Field Service Engineer

June 1992 – January 1995

Rolls Wood Group – Repair & Overhauls Ltd.

- Provided technical support and field service worldwide across North America, South America, Europe, the Middle East, and offshore operations.
- Performed inspections, repairs, rebuilds, balancing, commissioning, and troubleshooting of Rolls-Royce Avon and RB211 gas generators.
- Conducted engine change-outs, alignment, airflow checks, fault diagnosis, and lube oil console troubleshooting.

Shop Floor Fitter & Test Bed Operator

November 1989 – June 1992

Rolls Wood Group – Repair & Overhauls Ltd.

- Conducted complete strip-down, inspection, repair, and overhaul of Rolls-Royce Avon engines.
- Built and dynamically balanced rotating assemblies.
- Performed engine testing and performance verification within Rolls-Royce specifications.

Aircraft Technical Propulsion Technician

December 1986 – May 1989

Royal Air Force

- Team leader for deep-strip maintenance of Rolls-Royce Turbomeca Adour engines.
- Conducted engine overhaul, modification, inspection, and repair.

- Performed engine testing, vibration analysis, performance monitoring, and fault diagnosis.
- Worked on Rolls-Royce Avon 1221 and Spey 101 engines, including compressor repairs, controls adjustments, inspections, and dispatch preparation.

Aircraft Technical Propulsion Technician

September 1982 – November 1986

Royal Air Force

- Supported Jaguar aircraft propulsion systems.
- Conducted maintenance, troubleshooting, engine replacement, and ground-running tests.
- Served as Non-Commissioned Officer in charge of engine testing operations.

Flight Line Mechanic

February 1976 – February 1982

Royal Air Force

- Performed first-line servicing and maintenance of Jaguar GR Mk I and Mk II aircraft.
- Conducted flight servicing, aircraft handling, and minor rectification work.

Apprentice Electro Plater

July 1974 – August 1975

Holmes Plating Co. Ltd., Strood, Kent

- Performed inspection, stripping, resurfacing, and electroplating operations.
- Worked with gold, silver, copper, nickel, cadmium, zinc, chrome, and hard chrome finishes.

TECHNICAL EXPERTISE

Engine Types

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| • Rolls-Royce RB211 | • Rolls-Royce Spey |
| • Rolls-Royce Avon | • Allison KB Series |
| • Rolls-Royce Olympus | • Pratt & Whitney GG4 |
| • Rolls-Royce Adour | • RT48 Power Turbines |

Specialist Skills

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| • Engine Repair & Overhaul | • Vibration Analysis |
| • Mid-Life Inspections | • Technical Documentation |
| • Dynamic & Static Balancing | • Engineering Modifications |
| • Engine Testing & Commissioning | • Workshop Operations |
| • Fault Diagnosis | • Field Service Management |

EDUCATION

Royal Air Force / City & Guilds

- Education Test 2 (1987)
- City & Guilds Communication 772 – Level 1
- City & Guilds Calculation 364-1 – Level 1
- City & Guilds Certificate in Theory & Practical Aeronautical Engineering PT1 (1982)
- Education Test 1 (1979)

Hundred of Hoo Secondary Modern School, Kent

1969 – 1974

- GCE English
- GCE Mathematics
- GCE Motor Engineering

PROFESSIONAL DEVELOPMENT

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| • Commercial Awareness Course – Rolls Wood Group (1995) | • Trade Management Training (1985) |
| | • General Service Training (1985) |

- Basic Balancing of Compressors & Rotors (1992)
- RB211 & Olympus Engine Monitoring (1992)
- Customer Relations for Service Engineers (1991)
- Offshore Survival & Fire Fighting (1990)
- Modular Change on Rolls-Royce Industrial RB211 (1990)
- Heavy Maintenance – Rolls-Royce Industrial Olympus (1990)
- Rolls-Royce Adour Test Bed Operator Certification (1987)
- Rolls-Royce Adour Operation, Maintenance & Troubleshooting (1982)
- Rolls-Royce Adour Propulsion Training (1982)
- Aircraft Technician Propulsion Course (1982)
- Aircraft Taxying & Towing Certification (1981)
- Jaguar Flight Line Mechanic Training (1976)

LEISURE INTERESTS

- Boat Racing
- Sailing
- Windsurfing
- Water Skiing
- Certified Open Water Scuba Diver
- Building and Flying RC Aircraft, Helicopters and Drones
- Mechanical Design and Innovation
- Narrow Boating and UK Inland Waterway Exploration

REFERENCES

Available upon request.