# MRO EUROPE 2025





## This is MRO. This is Wales.

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Agile countries like ours think a little differently to the mainstream. It's a place where our business ecosystems are closely interlinked, supporting each other to drive new ideas forward.

Industry, academia and the Welsh Government work together to make things happen. We have the right business support and the agility to make decisions quickly.

Although we're a close community here, we're also proud to be citizens of the world. We're well connected to the rest of the UK and to global markets.

Wales is also a great place to live and work. It's a beautiful country with a superb quality of life. We're also the first country in the world to have legislated for the rights of future generations. We want to leave Wales – and the world – a better place.

This is your invitation to discover our country. To be inspired by the good things we're doing. The future is whatever we want to make it.

Wales means business.

Eight of the top eleven global Aerospace & Defence companies have a significant presence in Wales; Airbus, RTX, General Dynamics, GE Aerospace Wales, BAE Systems, Safran, Rolls Royce and Thales have significant sites and operations in Wales. Airbus and General Dynamics each have two sizeable operations across the country.

Lockheed Martin, Northrop Grumman and Boeing are also here, with footprints through projects and programme collaborations.

These companies are not alone; there are other primes and tier 1 companies with operations in Wales including British Airways Engineering, Syensqo (previously Solvay), DE&S (Defence Equipment & Support – MOD), QinetiQ, Teledyne Qioptiq, Babcock and Triumph Aerospace Operations UK. Rolls Royce and Textron are engaged through partnerships in Wales, and Rolls Royce are establishing a centre in Cardiff for over 100 engineering specialists to support Rolls Royce Defence. (After all, the Rolls family were from Monmouth).

These companies are serving the A&D sector in design, manufacturing and MRO (Maintenance, Repair & Overhaul) for structures, engines, interiors, systems, RPAS (Remotely Piloted Air Systems)/Drones, and producing

auxiliary equipment, with strategic Enterprise Zones across Wales.

The whole eco-system is supported by an innovative and agile supply chain with further support provided through academia (8 universities and several FE colleges, with many having specific A&D capabilities), research and technology organisations (RTOs) and government. In total, there are more than 200 companies in Wales serving the A&D sector.

Swansea University were selected in the initial consortium partnership for the UK ARC (Aerospace Research Consortium), and Cardiff University have been accepted for the extended Group.

Knowledge transfer between the education sector and businesses remains a priority to further improve the productivity, resilience, and sustainability of the sector, through higher skills, supply chain development, innovation, investment, and competitiveness.



To support business and create step changes in advanced technology adoption, we have several RTOs – Advanced Manufacturing Research Centre (AMRC) Cymru, part of the HVM Catapult, and the Compound Semiconductor Applications (CSA) Catapult, together with TWI's Advanced Engineering Materials Research Institute.

The opportunities for the Aerospace & Defence sector in Wales are many and varied – so let's talk.



### Aerospace Wales Forum Ltd

#### **Company Overview**

The Aerospace Wales Forum is the trade association for all companies and partner organisations operating in the Aerospace, Defence, MRO and Space sectors in Wales. We support our 240+ members by promoting their companies on our website, in our capabilities matrix and trade brochure, by giving them access to events, networking opportunities, meet the buyer sessions and industry expertise plus opportunities to bid for contracts with new customers.

Our membership comprises of SMEs and Primes including Airbus, BAE Systems, Northrup Grumman, Raytheon, Safran and Thales.

If you feel your company would benefit by becoming a member of the Aerospace Wales Forum, or our fellow clusters Defence Wales, Space Wales and MRO Hub Wales, or you would like to know more about our organisation, please visit our website.



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### **Abrasive Tech**

#### **Company Overview**

For over four decades, Abrasive Technology has been a pioneer in advanced materials and surface solutions, building a reputation for innovation, precision, and reliability. From our earliest beginnings, we have partnered with industry leaders to solve complex challenges, delivering products and processes that extend performance, enhance efficiency, and drive progress.

Our expertise in aerospace coatings has been central to this journey. Working closely with engine manufacturers and suppliers, we have played a key role in advancing clearance control technologies—improving efficiency, reducing fuel consumption, and extending component life. These successes have established Abrasive Technology as a trusted collaborator in the aerospace

sector, where safety, durability, and performance are non-negotiable.

Building on this foundation, we have led the development of advanced cobalt-chromium carbide (CoCrC) wear coatings, engineered to withstand extreme operating environments. These coatings provide superior protection against wear, oxidation, and corrosion, ensuring critical components perform reliably under the most demanding conditions.

Beyond technical innovation, we understand the importance of seamless collaboration. By integrating with our customers' supply chains, we deliver not only breakthrough technologies but also dependable solutions that streamline production and reduce risk. At Abrasive Technology, innovation and partnership define our past—and fuel our future.

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### AerMach Ltd

#### **Company Overview**

AerMach Ltd. is a UK based company offering the highest quality of supply chain solutions for the aerospace sector. We specialise in the sale, lease and exchange of airframe and engine whole assets and components. AerMach provides value added services to customers around the world. As a distributor of commercial components.

#### **Material Supply**

Aermach specialises in the sourcing, provision and supply of high quality used serviceable material (USM) for airlines, MRO's and various stockists around the globe. The use of USM, allows our customers to reduce their cost exposure and enjoy maximum savings. We provide material with all appropriate certifications, repaired by professionals at high quality facilities.

#### **Engine Management**

Our EMS are aimed at saving customers time and money. Our in-house expertise we can examine each shop visit to minimize the engine shop visit cost. The service is tailored for each customer AerMach will aid with work scope planning, MRO identification. contract negotiation, table inspection and technical management throughout the SV. AerMach will represent our customers at test cell, ensuring the engine meets contractual parameters in addition to satisfying a post-test BSI prior being released to service. Once the SV is complete. AerMach will review all post shop visit paperwork and conduct an invoice review. AerMach will also provide any scrap replacement material that is required.

#### **Material Recovery**

Our material recovery programme is designed to create an additional revenue stream through the repair of post shop visit unserviceable material that would ultimately be scrapped by the MRO. These can be managed via consignment or any other commercial agreement.



#### **Asset Acquisition & Sale**

As an ever-increasing number of commercial jets become available for lease and sale, AerMach are committed in providing tailor made financial solutions to its customers who could benefit from highly competitive market rates along with the guarantee of excellent customer service. AerMach have experience on multiple levels and understand the importance of engine shop visits along with aircraft scheduled maintenance and therefore during any of these events

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### **Aero Engine Services**

#### **Company Overview**

Aero Engine Services is a privately owned U.K. based aviation company offering the highest quality aftermarket supply chain solutions and technical consultancy services to the commercial aerospace sector.

As industry experts on the CFM56-3/-5A/B/C/-7B, CF6-80C2 and V2500-A5/-D5 engine platforms, worldwide airlines, lessors and MROs count on our professionalism for invaluable support with material supply, surplus and aged inventory purchasing, shop visit management and fan blade exchanges.

Located only 30 minutes away from GE Aviation Wales, our goal is to maximise cost savings, whilst minimising engine downtime, on behalf of our valued global clients.

#### Nicholas Williams Chief Executive Officer

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### **Aircamo**

#### **Company Overview**

Aircamo Aviation is a global aviation services provider specialising in tailored aircraft management, technical oversight, and operational support. Founded a decade ago with a commitment to Enhance safety, Ensure compliance, and Reduce Risk the company has built a reputation for excellence in serving airlines, lessors, and private operators worldwide. Expanding its expertise, Aircamo launched Aircamo Engines, offering specialized engine management and leasing solutions to complement its core aviation services.

#### Product/Service

Aircamo Aviation delivers end-toend aircraft management, including airworthiness control, maintenance oversight, records management, and tailored fleet support. Its dedicated team ensures regulatory compliance while maximising asset value and operational efficiency. Aircamo Engines provides engine leasing, asset management, and technical advisory, giving customers flexible, cost-effective solutions to keep fleets operating at peak performance.

#### **Objectives**

Aircamo aims to strengthen its position as a trusted partner for operators and lessors by expanding its global footprint, investing in digital innovation, and enhancing customer-centric services. With Aircamo Engines, the company seeks to grow its engine leasing portfolio and technical expertise, ensuring it meets rising demand for efficient, reliable powerplant solutions. Together, both divisions pursue a single goal: delivering world-class aviation support that optimises performance, safety, and value.

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### **Caerday**

#### **Company Overview**

Based in St. Athan, South Wales, Caerdav is one of the UK's only truly independent, fully approved and certified aircraft MRO organisations.

Started by Chairman, Bruce Dickinson – passionate and avid aviator and lead singer of Iron Maiden – the company operates from a modern CAA, EASA, FAA, GACA, TCCA and Guernsey 2-REG approved Part 145 MRO facility on a former RAF maintenance base, equipped with a 6,000ft ILS runway.

Its team of highly-skilled technicians and engineers are certified to carry out base maintenance work on a variety of aircraft, including Boeing 737 and the Airbus A320 family.

#### Product/Service

Caerdav offers a comprehensive catalogue of base maintenance services, from A Checks to heavy C Checks, alongside repairs, engine changes, landing gear changes, refurbishment, end-of-life and end-of-lease transition maintenance.

The company's back shop capabilities include in-house composite repairs, non-destructive testing, plus repair and restoration paint services.

#### **Objectives**

Caerdav aims to deliver a flexible, partnership approach to all customers, utilising decades of collective expertise to provide unrivalled MRO services.

Phil Swanson Director – Business Development

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### **MES**

#### **Company Overview**

Metrology Engineering Services (MES) is a UK based AS9100 accredited aerospace engineering solutions team that delivers rapid, high precision laser scanning, reverse engineering, damage assessment and structural reporting both on and off site. Our company goal is to provide complete asset management via our data acquisition and bespoke software toolsets which enable us to digitalise MRO workflows, minimise aircraft downtime, and accelerate OEM approvals, providing comprehensive digital data to our clients 24/7 globally.

Our core aerospace team is built on a legacy of highly experienced aircraft repair engineering competence, operating within OEM customer services. Our engineering experience has seen us transfer easily across multiple industries and platforms. Agility, speed, quality and delivery everytime.

#### Product/Service

Our USP is that we have over 25 years working for the OEM in the field of customer services having responded to complex AOG situations, designed fleet wide modifications and overseen the introduction of AD and SB into the fleet for all aircraft types, all with the final goal of writing as many repairs into the SRM as possible.

#### **Objectives**

Automated damage inspection utilising the latest in laser technology to achieve: Automated Data Capture – Non-Contact Laser Scanning, Visual representation of damage and repairs – 3D 360 view of asset, Change detection over time – Record & track using asset data, Cloud and edge compatibility – On device or via cloud and Fleet Wide insights and reporting – Analysis of data.

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### **TWI**

#### **Company Overview**

TWI (The Welding Institute) is an independent, membership-based research and technology organization established in the United Kingdom in 1946. It specializes in materials science, welding, joining, structural integrity, and inspection technologies. Serving a wide array of industries, including aerospace, TWI has earned global recognition for its leadership in engineering innovation. Members gain access to advanced facilities to tackle complex challenges and influence industry standards.

#### Product/Service

TWI possesses extensive expertise in materials testing, failure investigation, non-destructive testing (NDT), welding,

joining, and structural integrity management technologies. TWI's regional office, TWI Wales, located in Port Talbot, provides a comprehensive suite of NDT services, including advanced software solutions for inspection and evaluation.

#### **Objectives**

TWI has long supported the global aerospace sector by providing technical consultancy and NDT services to leading manufacturers of airframes, engines, and components. It develops innovative joining and accompanying NDT technologies for diverse aerospace materials and safety-critical uses. Its strategic focus is to enhance Aerospace Members' projects by helping reduce costs or improve product and service functionality.

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### Welsh Government

#### **Company Overview**

The Aerospace and Defence (A&D) industry in Wales is a cornerstone of UK A&D capability with over 20,000 employed in the sector, employed across over 200 organisations, demonstrating the bounce back and resilience of the sector post Covid.

MRO in Wales 2025: a snapshot of our expertise and capabilities:

- —OEM Engine Maintenance GE Aerospace Wales, Nantgarw.
- -Airline Maintenance British Airways Engineering, Cardiff Airport
- Global maintenance companies Nordam, Blackwood.
- —MOD Maintenance DE&S, Sealand, BAE Systems / Babcock, Anglesey
- -Modifications to airborne capabilities
  - Raytheon, Broughton.
- Application of new technology such as structural scanning – MES, Newport.

- Aircraft storage, disassembly and transition services- eCube at Bro Tathan.
- -3rd party expertise in MRO Caerday, Bro Tathan.
- —Aero engine lease management (engine pools and engine financing, sale leasebacks, forward purchases, finance leases, aircraft maintenance, storage, and disassembly) – Willis Asset Management.
- Lower cost supply of component parts material to airlines, lessors and MRO customers. Fast access to high-quality inventory located in regional hubs – AerFin.
- Several airports and airfields with runway access – Cardiff Airport
- —8 Universities, 3 RTOs, 10 FE colleges with Aerospace, Aviation and Aeronautical engineering expertise and capabilities.

The opportunities for the Aerospace & Defence sector in Wales are many and varied – so let's talk.

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