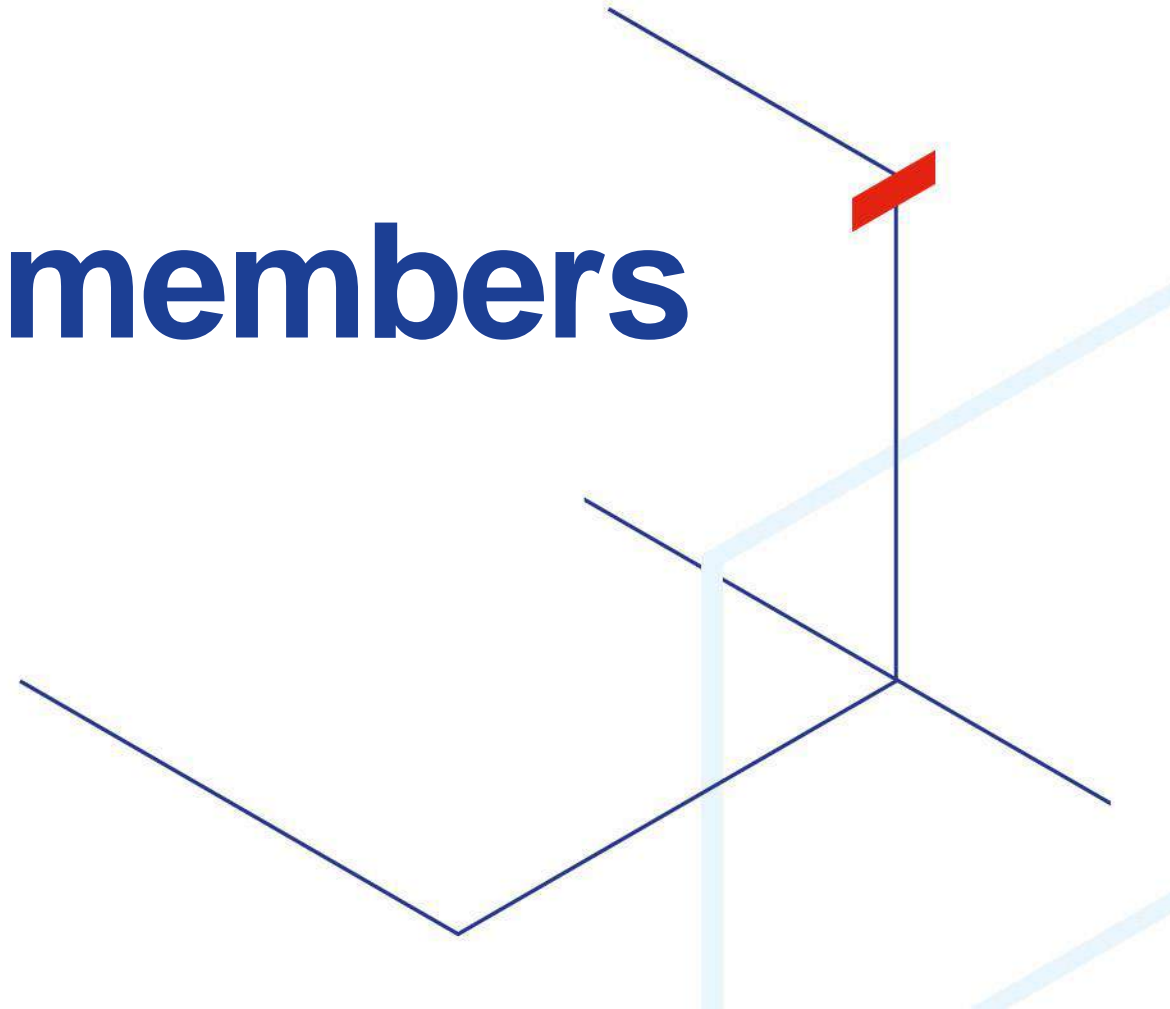


# Working for our members



# **ADS TOULOUSE MEMBERS CAPABILITIES**

**January 2024**

# UK AEROSPACE SECTOR

The UK's aerospace sector is a hub for advanced manufacturing, generating well-paid jobs across the country and driving decarbonisation through innovation.



Aerospace is assumed to be 68% civil and 32% defence



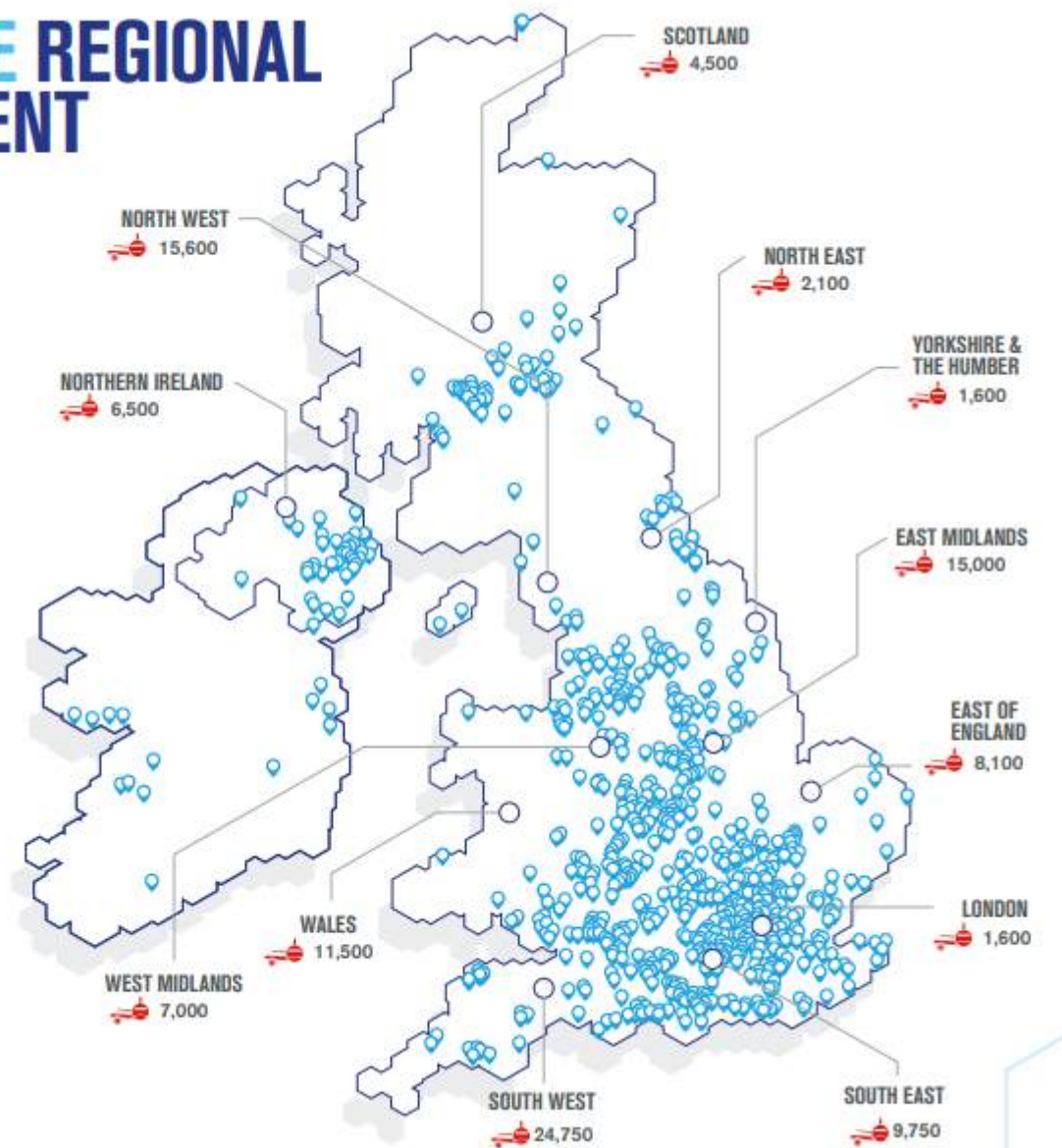
# AEROSPACE REGIONAL EMPLOYMENT

The aerospace sector employs people in all regions and nations of the UK.

↑ REPRESENTS NUMBER OF DIRECT EMPLOYEES IN THE UK AEROSPACE SECTOR:



📍 INDICATES THE LOCATION OF AN ADS MEMBER WHICH IS ACTIVE IN THE AEROSPACE, DEFENCE, SECURITY OR SPACE SECTOR



# ADS Toulouse – A strong footprint in France

- > Established in 1999, ADS Toulouse is a French wholly owned subsidiary of ADS, the leading trade association for UK aerospace, defence, security and space sectors.  
100% financed by its members. ADS Toulouse is a member of the Aerospace Valley cluster since January 2018.
- > ADS Toulouse staff is tasked to connect and give access to UK aerospace suppliers to business opportunities in the French aeronautics, space, defence and embedded systems markets.
- > ADS Toulouse promote UK expertise in the aerospace sector.





# ADS Toulouse Members 2024 – 31 Companies



# ADEPT Fasteners

Our People Make The Difference



## Core activities

Commercial, Military, Space,  
MRO Markets served  
Supply Chain Solutions

## Year established

2001

## Certifications

[Quality Certificates - Adept Fasteners](#)

## Approved Supplier to :

Airbus, BAE, Bell, Boeing,  
Bombardier, Embraer, GE,  
GKN,  
Gulfstream, Lockheed,  
Northrop,  
Parker, Pratt & Whitney,  
Raytheon, Rolls Royce,  
Safran, Spirit

## Product Lines :

[Products - Adept Fasteners - Valencia, California](#)

**Adept Fasteners**, a worldwide leading aerospace structural and engine fastener distributor since 2001.

With headquarters in Valencia, California USA, and worldwide presence, Adept Fasteners stocks over 100 000 different parts available for same day shipping, kitting and vendor inventory management.

As a True stocking distributor, Adept is continuously investing in Inventory in order to support our customers with the best level of service.

Adept Fasteners continues strengthening its strategic presence in Europe with a dedicated team based in Toulouse, France to support South EMEA customers.

*“At Adept Fasteners our People make the difference and we pride ourselves on our ability to do the little things that satisfy our customers in a big way. Our continued investment in inventory and technology affords our customers a quick response and fast delivery. Our commitment to quality is further demonstrated through our AS9100/AS9120 and ISO9001 quality system registration. To us, quality is delivering defect-free products and services to our customers exactly where and when they want them.”*

## Areas of expertise:

- LTA Stock Supported Agreement
- Min/Max Release
- Kitting
- Tooling Maintenance
- VMI – Kanban - DLF



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Toulouse - France  
<https://www.adeptfasteners.com>



### Core activities

Products distribution  
Supply chain management  
Material planning  
Logistics for Aerospace

### Employee Number

+500

### Certifications

EN9120/EN9100

### Annual Sales

€158,7 M (Group)

**ALA** is a leading international supply chain partner to the Aerospace, Defense, Power Generation, Rail & High-Tech Industries.

With Headquarters in Naples, Italy, ALA has over 35 years of experience offering a one-stop shop range of products, services, and high-performance engineered solutions truly capable of simplifying and optimizing its customers supply chain operations.

ALA and its wholly owned SCP Sintorsa Group build their success on the talent of 500+ people and on the strength of a growing network of sales offices and state-of-the-art facilities across Europe, Israel, and North America.

Products managed include fasteners, connectors, indirect materials, spare parts and raw materials.

### Areas of expertise:

- Lean supply chain management solutions
- Suppliers relationship management
- Inventory management
- DLF and JIT delivery
- Third Party Logistics
- Consignment stock
- Kitting

Contact:

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ALA France

Bâtiment B01, AEROPARC

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31300 TOULOUSE

France





# APOLLO Aerospace Components

## Core activities

Distribution  
Fasteners & Hardware  
Supply chain Solutions  
Customer Service

## Employee Number

+7000

## Annual Sales

\$1.7bn PARK OHIO

## Certifications

Airbus ,BAE ,GE ,GKN ,Collins  
Boeing ,Safran , Spirit ...

## Approvals

AS9100 & ISO90001 QMS  
ISO 14001

\$1.7bn



**APOLLO** is a trusted supplier of components and supply chain solutions. APOLLO is the dedicated and specialist A&D Operation and is a division of Supply Technologies part of PARK OHIO Holdings corp. ( NASDAQ : PKOH).

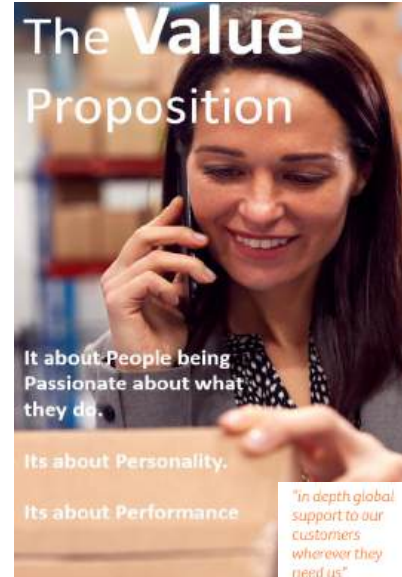
Apollo is operating from 9 Stocking Facilities with more than 1000 Customers worldwide. Supply Technologies has 62 stocking facilities & over 420 VMI programs. We have access to all of the main Fasteners and Hardware manufacturing factories as well as main connectors and Electrical Component manufacturers. We have all the parts you need. APOLLO is focused on Customer Service performance and provides tailored solutions supply chain management services and cost optimizations.

## Areas of expertise

- Tailored VMI Vendor Managed Inventory solutions
- Supplier Integrator , rationalization
- Customized DLF and KITTING expertise
- 3 PL activity
- Connector Assembly activity
- Simplify & Streamline Supply Chain

## Products we Supply :

HARDWARE  
ELECTRICAL CONNECTORS  
SUPPLY CHAIN SOLUTIONS



## Contact:

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VP Commercial Europe  
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T : + 33 7 45 03 66 78  
[www.apollo-aerospace.com](http://www.apollo-aerospace.com)  
[www.supplytechnologies.co.uk](http://www.supplytechnologies.co.uk)

Aerospace  
components  
*done differently*



## Core activities

### Aerostructure & Aeroengines

Specialist in hard and soft metal machining and associated surface treatments and assemblies.

### Turnkey Tooling Solutions

Design, manufacture and maintenance specialists of large invar layout tools for composite airframes, jigs & fixtures & transportation media

### Year established

2019

### Employee Number

367

### Annual Sales

\$65M

### Certifications

Cyber essentials, SC21, ITAR, AS/EN9100 Rev D, BS EN ISO 14001, BS EN ISO 9001:2015. Airbus, Boeing, Bae Systems, Rolls Royce, Spirit Aerospace, Leonardo, GKN Aerospace, GE Aviation, Bombardier, amongst others

**ASG Group** provide a total end to end manufacturing solution to major OEMs in the aerospace -defence and medical sectors.

A \$65m turnover group with 367 employees and >150 CNC machines.

Eight manufacturing units operating across two divisions active in the Aerospace and Tooling sectors.

Core competences; The CNC machining, surface treatments and assembly of hard, soft and exotic metal aero components, tool design and manufacture of large tooling projects.

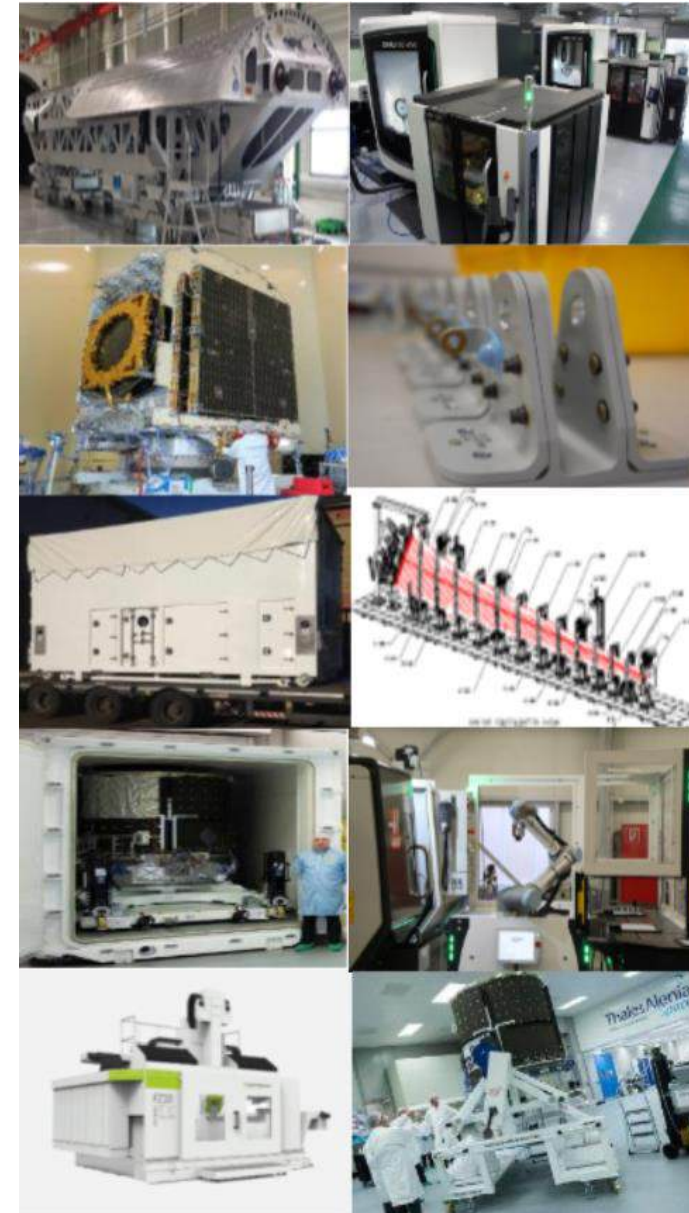
Providing competitive, on-time, quality solutions across fixed wing, rotorcraft, engine and fuselage platforms.

### Machined parts and assemblies

- CNC machining of prismatic, short and long bed components (up to 4.5m long)
- CNC turning up to 1m diameter
- In-house NADCAP approved surface treatments with numerous OEM and T1 approvals. Recent investments in new robotic thermal spray, facility inclusive of booth, extraction, arc flame spraying system.
- Speed shop to support UOR / AOG requirements
- Assembly and sub-assembly of critical components
- Well versed in NPI process and APQP principles.
- Deploy lights-out machining, automation and SC21 continuous improvement programme
- Single point of contact for project management and delivery of strategic work packages

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# AVPE Systems – Broadway Group



**AVPE Systems/ Broadway Group**, a UK based and Privately owned since 1938, supporting the global Aerospace, Defence and associated industries.

Headquartered in Bristol, South West UK with 3 facilities employing circa 170 staff.

Broadway Group was created in 2021 with the acquisition of AVPE Systems together with Redcliffe Precision, bringing together the Broadway Engineering - supporting more complex Legacy and Defence engine platforms and AVPE systems supporting the Airframe and Aircraft systems MRO and aftermarket.

## Areas of expertise:

- CNC Machining of prismatic upto 5 axis components up to 500mm cube
- Specialist thread rolling capability for Bombardier / Airbus platforms
- Critical & Sensitive Engine parts approval and high experience
- Legacy and aftermarket MRO specialism
- AOG Supported
- Full spectrum of metallic materials across engine and airframe and landing gears supply
- [Home - Broadway Group](https://broadwaygroup.co.uk/expertise/approvals-accreditations/)

## Core activities

Air frame, Aero Engine & Systems Inc. Landing systems machining and specialist thread rolling supplier with legacy and MRO focus

## Year established

1938 – Family owned

## Employee Number

170

## Annual Sales

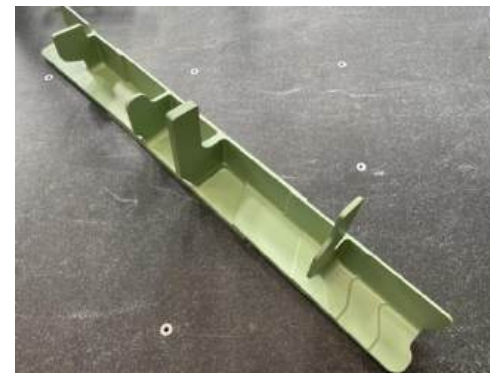
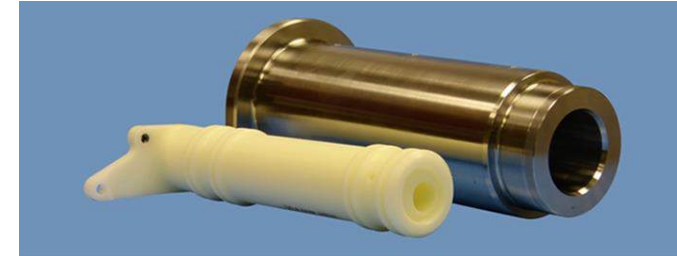
\$31 Million

## Certifications

Airbus and Rolls Royce Tier 1, Bombardier, Spirit, Leonardo & Collins Aerospace As well as NADCAP and AS 9100, ISO 14001 certifications.

## Approvals

<https://broadwaygroup.co.uk/expertise/approvals-accreditations/>



Contact:  
*Rob Holmes*  
Group Head of Business Development  
E: [robert.holmes@broadwayltd.co.uk](mailto:robert.holmes@broadwayltd.co.uk)

# BAE Systems

BAE SYSTEMS

## Core activities

Design  
Manufacturing  
Test and qualification  
Servicing, maintenance and repair  
Associated customer training  
Research and development

## Year established

1999

## Employee Number

1500

## Certifications

EN9100/AS9100D  
ISO9001  
ISO14001  
OSHA18001

## Approval

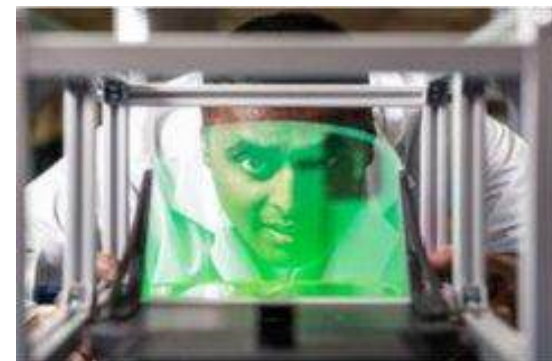
Approved for production  
deployment at several global  
aerospace OEMs

From cutting-edge flight controls to head-up displays, employees at **BAE Systems** design, develop and produce some of the world's most advanced avionics equipment spanning both the commercial and defence markets.

The company also provides world-leading aftermarket support and in-service repair for aircraft fleets around the globe and delivers innovative propulsion and power management systems to markets across Europe.

## Areas of expertise:

- Flight control systems
- Active pilot control sticks
- Utilities management
- Power management
- Cockpit and cabin systems
- Advanced display solutions
- Hybrid-electric power solutions



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<https://www.baesystems.com>



# BROOKHOUSE Aerospace Limited

## Core activities

Capability to engineer and manufacture complex composite components, structures and assemblies.

Specialist sheet metal work, fabrication and machining; from individual components to complex assemblies.

Manufacture of hybrid composite/metallic structures.

In-house NADCAP and Airbus approved treatment facility. Ground Support Equipment (GSE) and composite strip, survey, spares, repairs

## Year established

1951. Rebranded as Brookhouse Aerospace Ltd following MBO in February 2021

## Employee Number

Circa 180

## Annual Sales

£17M

## Approval

ISO9001, AS9100 Rev D  
NADCAP Composites & Non-Metallic Material Testing, Chemical Processing and NDT

BAE Systems, Airbus, Safran, GKN, Spirit, Raytheon, Rolls Royce, MBDA, Leonardo.

**Brookhouse Aerospace** offers a comprehensive capability and expertise for the manufacture of complex composite components, structures and assemblies on both critical and non-critical applications for the Aerospace, Defence and Military markets. Combined with our experience and proficiency in metallic fabrications, metal joining technologies, machining and surface treatments all in one facility located in Darwen, Lancashire, makes Brookhouse Aerospace a robust and capable supplier to its OEM and Tier customers.

We help to build products and assemblies for aircraft interiors, aerostructures, wing components & surfaces, fuselage panels, ailerons, winglets, rudders, landing gear doors, engine and thrust reverser panels, missile structures, fairings and covers.

Our products are used in Civil and Military Aerospace, Business Jets, GSE, UAV, Missiles and Engine applications.

## Areas of expertise:

### Composites

- Full composite build to print capability for flight critical components, prepreg and out of autoclave capability.
- Collaboration with customers through design for manufacture in the design of lightweight and cost-effective products, allowing OEM's freedom to create functional components at competitive costs.
- Support alternatives to traditional metallic processing to produce lightweight metallic composite hybrid items.
- Large infrastructure in place including 6 large autoclaves (largest 13m x 3.5m), ovens, clean room, finishing capabilities, assembly, NDT C scan, 4/5 axis CNC machining and trimming with a skilled and experienced workforce.

### Treatments Facility.

- NADCAP and Airbus approved Special Processes capability including Tartaric, Chromic and Sulphuric acid anodising line using fully automated loading, immersion and transfer between 8ft x 3ft x 5ft deep tanks.
- PFD plant with NADCAP and airbus approval alongside wet paint, vac blast & zinc spray, and welding processes.

### Metallic Detail Fabrication Facility.

- Large fabrication shop comprising of a capability of metallic details and sub-assemblies, equipment includes guillotines, press brakes, welding, forming, CNC routing and presswork all to Aerospace standards.
- 3-Axis and 5-Axis CNC machining capability including hard metals.



Contact:

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*Business Development Director*

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[www.brookhouse-aerospace.com](http://www.brookhouse-aerospace.com)

Brookhouse Aerospace Limited

India Mill, Darwen, Lancashire.

BB3 1AD, United Kingdom

# CASTLE METALS Aerospace



**CASTLE METALS Aerospace** is a leading provider of metals, services, and supply chain solutions. We distribute and process alloy, carbon, stainless steel, nickel, aluminum titanium, cast iron, and red metals.

Together, Castle and its affiliated companies operate out of over 20 metals service centers located throughout North America, Mexico, Europe and Asia. Operating two processing centers in Europe, we work with international OEMs to better serve their multi-location production requirements and delivery needs.

We also help the thousands of machine shops that service the OEMs or have their own niche end markets. We leverage our long standing metals expertise and focus on processing and other value added services to meet the unique requirements of industries such as Aerospace, Defense & Space.

## Areas of expertise:

- Alloys: Aluminum, Titanium, Nickel Alloys, Stainless steel, Bronze / Copper
- Product: Plates, Sheets, Bars, Tubes, Extrusions
- Processing: Sawing, Water jet cutting, Laser cutting, CNC machining, Chamfering/Drilling, Deburring
- Services: Bar coding, VMI, Just In Time, Consignment stock, Kitting, Kanban

## END MARKETS



ENGINES



SYSTEMS & LANDING



STRUCTURES



SPACE

### Core activities:

Material Management;  
Supply Chain Expertise

### Year established

1890

### Employee Number

900+

### Annual Sales

~\$580MM in 2022

### Approval

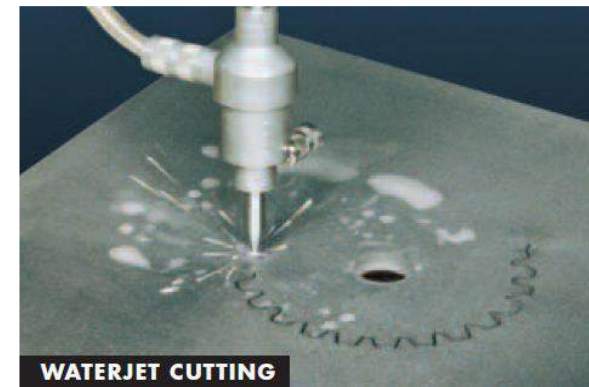
Airbus / Boeing / Bombardier /  
Collins / Daher / Safran / Dassault  
/ IAI / Lockheed Martin / Thales,  
etc.

### Certifications

ISO9001  
EN9100

### Value Added:

Cut to length  
Cut to size  
Near net shape cutting  
Billet preparation



WATERJET CUTTING



Contact:

Frederic Crespel  
Territory Manager

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[www.castlemetals.com](http://www.castlemetals.com)

Castle Metals Aerospace  
Zone Pyrène Aeropole  
65380 Lanne  
France



# CAV Systems



**CAV SYSTEMS** is a leading provider of ice protection and drag reduction technology to general aviation, commercial aerospace, and defence markets worldwide.

Our history can be traced back to 1942, when one of our proprietary technologies – TKS® was first formed to tackle the issue of icing on newly formed aircraft.

A critical technology and manufacturing partner to major commercial OEMs, CAV provides design, manufacturing and consultancy services involving more than 7,000 aircraft, as well as bespoke solutions for new individual aircraft.

## Areas of expertise:

- Lowest power, ambient temperature anti-ice protection system available on the market.
- Ability to provide in metallics and/or composites.
- TKS is installed in over 100 different aircraft variants and is the market's highest performing in-flight ice protection system.
- Over the past 28 years, CAV has been the primary partner in 15 FAA/EASA FIKI certification programs. On all programs CAV provided airframe, propeller, and windshield ice protection. This is equivalent to more than one every other year!
- Between 1994 and 2022, the CAV team completed more clean sheet FIKI certification programs than any other single company /corporation in the world.

## Core activities:

The only supplier of fluid-based ice protection systems globally and the leading supplier of laser perforated surfaces, CAV has systems installed in over 100 different aircraft variants. Working alongside aircraft engineers, CAV assists in the design, testing, analysis, manufacture, integration, and approval of unique technology solutions to overcome critical safety challenges and increase the efficiency of flight.

## Year established

1942

## Employee Number

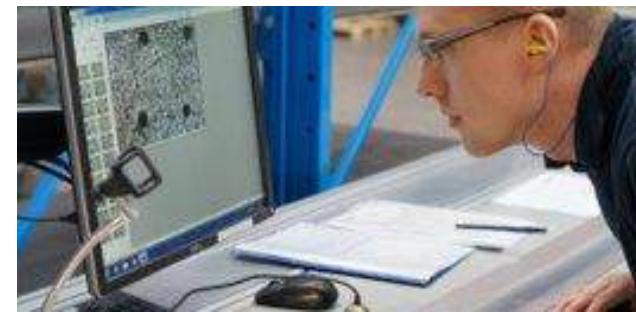
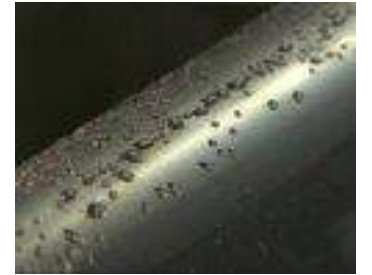
114

## Annual Sales

£13M

## Certifications

AS/EN/JISQ 9100  
Cyber Essentials /  
Cyber Essentials PLUS  
FAA 14CFR Pt145



Contact:

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CEO

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[www.cav-systems.com](http://www.cav-systems.com)

CAV Systems Number  
One Industrial Estate  
Consett County Durham  
United Kingdom DH8 6SR

# DYNAMIC Aerospace Fabrications



## Core activities:

5-axis and 6-axis laser  
3,4 and 5-axis Machining  
Hot and Cold Forming  
Resistance and Fusion Welding  
Flatbed Laser  
Quality Testing, Inspection and Measurement.

## Year established

2019

## Employee number

93

## Annual sales

£12M

## Certifications

AS9100  
ISO14001  
ISO45001  
CYBER Essentials

## NADCAP

Non-Conventional Machining  
Welding  
NDT  
Heat-Treating  
Chemical Processing

## Approvals

Rolls Royce plc  
Rolls Royce Deutschland  
ITP  
TATA  
SIEMENS  
MOOG  
MTU  
FACC

**Dynamic Aerospace Fabrications** supplies complex, high-precision fabricated and machined metal parts and assemblies to market leading companies in the aerospace industry. The company is committed to providing outstanding quality and service working closely with customers to establish long-term partnerships.

With origins going back to 1937 and employing over 100 people in its 45,000 square foot facility, Dynamic Aerospace Fabrications is one of the UK's finest precision machined fabrication companies. It offers the full range of subcontract engineering technologies including 6-axis laser cutting, 3-axis, 4-axis and 5-axis CNC milling, CNC turning, hot and cold forming, resistance and fusion welding, and heat treatment from its site in Castle Donington, near Derby.

Dynamic Aerospace Fabrications Ltd. is part of the Dynamic Aerospace and Defence group. The Dynamic Group is a privately-owned business with its main headquarters in Michigan, USA. Dynamic Aerospace Fabrications Ltd joins Dynamic's existing portfolio of companies based both in the mid-west US and in the UK, and having an established reputation, specialising in supplying precision metal components for the aerospace, defence, automotive and rail sectors.

## Areas of expertise:

- Laser Cutting – 2D Sheet & 3D Shapes
- Aerospace Metal Working
- Welding Aerospace
- CNC Milling and CNC Turning
- Quality Testing, Inspection and Measurement

<https://dynamicaeofabs.com/about/corporate-video/>



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[www.dynamicaeofabs.com](http://www.dynamicaeofabs.com)

Dynamic Aerospace Fabrications  
Sills Road, Willow Farm Business Park  
Castle Donington  
Derby – DE742US - UK



# FARSOUND

“The Aero Engine Supplier of Choice”



Headquartered in Brentwood, Essex, UK, **Farsound** has over 35 years of experience as a global supply chain partner primarily focused on the supply of aero engine fasteners. Offering a bespoke range of products, tailored services, and leading-edge delivery solutions makes Farsound a natural choice for its customers.

At Farsound we believe in thinking differently and giving freedom of choice to customers, suppliers and our employees. These principles ensure we strive for excellence in a dynamic and increasingly challenging environment. Our service standards are paramount; we do what we say we are going to do and will always seek to delight our customer- whatever the time and wherever they are located.

Farsound is wholly owned by AGIC Capital, a growth-orientated European-Asian private equity firm. AGIC actively invest in companies with differentiated and innovative solutions and technologies that have market leadership potential and the ambition to scale internationally.

## Areas of expertise:

According to the specific needs of the customer, Farsound can provide innovative services including:

- Procurement consolidation
- Consignment Kanban & Direct Line Feed (DLF) solutions
- Kitting Solutions
- Contract Scheduling and Long-Term Agreements (LTA)
- Vendor Managed Inventory (VMI)

### Core activities:

Commercial Engine MRO  
Distribution  
Supply Chain Management & Services

### Year established

1986

### Employee number

110 (Group)

### Annual sales

\$90 M (Group)

### Certifications

EN9120 ASA-100 FAA AC 00-56  
ISO14001

### Farsound Address:

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Park, Tilbury Road,  
Brentwood, Essex,  
CM 13 3LR

### Contact:

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### Contact:

*Marcus Plummer* - Group Head of Procurement

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M: +44 7715 015875

<https://www.farsound.com/>



# GARDNER Aerospace



**Gardner** is one of the aerospace industry's largest and most diverse manufacturers of finished machined and fabricated Detailed Parts made from Hard and Soft Metals.

Most OEM and Tier 1 customers also take advantage of Gardner's sizable assembly, kitting and/or large scale speed shop services. It has substantial Programme, Supply Chain, Transfer and Quality Management organisations to support all requirements and has modern aerospace approved manufacturing operations in the UK, in France, in Poland, in India and in China.

Annual revenues exceed \$200m and it employs over 1,700 people worldwide.

## Areas of expertise:

- **Unique technological edge:** Capabilities to produce and handle complex products, equipped with high-end equipment such as long end machining
- **End-to-end process:** Local networks equipped with comprehensive manufacturing and surface treatment
- **Solid process implementation:** High quality of products aligned with customers' timeline. Current NPI and transfer of work capability proven over thousands of parts
- **Client proximity – global leverage:** Close to customer for efficient delivery with global access to a cost-competitive supply chain
- **Coordinated team:** A global workforce with one vision and purpose
- **Ethical and environmentally aware:** A company that values transparency and addresses its own and customers' impact

### Core Activities

Aerostructure Detailed Parts  
Machining and Sheet Metal  
Hard Metal or Light Alloys  
Assemblies  
Supply Chain Management

### Year established

2003

### Employee Number

1700

### Annual Sales

\$200M

### Certifications

EN9120/AS9100  
AS9100 Rev C  
ISO9001  
ISO14001  
OHSAS18001  
NADCAP

### Approvals

Gardner Aerospace holds numerous industry approvals, including:  
FAA CAA EASA



Contact:

[info@gardner-aerospace.com](mailto:info@gardner-aerospace.com)

+44 (0) 1332 274700

Gardner Aerospace

Unit 9, victory park, Victory Rd,  
Allenton, Derby  
DE24 8ZF, UK



**GKN Aerospace** is one of the world's largest independent first tier suppliers to the global aviation industry.

With over 100 years aerospace experience, we harness our considerable knowledge and advanced manufacturing technologies to supply high-value, integrated assemblies in both metallic and composite materials. We employ approximately 15,000 people in more than 38 locations in 12 countries across three continents.

### Areas of expertise:

- Advanced manufacturing - High rate processing, Flexible manufacturing, Energy efficient system
- Low-cost solutions - High performance aerostructures, Improved performance, Multi- functional structures
- Integrated structures - High performance engine structures, Weight optimized structures, Performance improvement
- Environmental technologies - High performance transparencies, Improved stealth capabilities, Improved optical characteristics, Improved passenger environment

### Core Activities

Develop, build and supply an extensive range of advanced aerospace systems, components and technologies for use in aircraft, ranging from helicopters and business jets to the most used single-aisle aircraft and the largest passenger airliners in the world. Market leader in aerostructures, engine systems, transparencies and wiring systems.

**Year established**  
1759

**Employee Number**  
15 000

**Annual Sales**  
£ 2,5 B – Aerospace Division

**Certifications & Approvals**  
Large range

Contact  
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W: <http://www.gkngroup.com/aerospace>



### Core activities:

Integrated design and manufacture specialist  
Precision manufacture of complex components in soft, hard and exotic materials  
Active in aerospace, nuclear, automotive, defence, space, marine and scientific sectors.  
Rapid integrated product teams

**Year established**  
1968

**Employee Number**  
500 +

**Annual Sales**  
\$100M

**Certifications**  
AS9100:2016 Rev D, BS EN 9100, BS EN ISO 9001:2015, NADCAP approvals held for chemical processing, heat treatment, welding, NDT including X-ray and dye penetrant inspection, tartaric sulfuric anodise.

**Approvals**  
Approved for production deployment at several global aerospace OEMs.

### Designer and manufacturer of aerospace structural components and detailed parts

One of Europe's leading aerospace engineering organisations, the **Hyde Group** are privately owned and have been delivering design and manufacturing solutions for over 50 years, serving clients across the globe. Through exceptional service levels, we specialise in the design, manufacture and finish of detailed parts and integrated structural components, covering long-term strategic support through to rapid-response AOG requirements.

- We're recognised specialists in the high precision manufacture of complex aerospace components - fabrication and welding, thread rolling, assembly, inspection, testing and surface treatment.
- Strategic, Tactical, AOG – we're one of the UK's largest aerospace engineering specialists with additional capacity at our overseas partners.
- You can trust us - we won't let you down: Established in 1968, privately owned, financially stable and operating a strong reinvestment programme.
- Our Group facilities can provide a fully integrated turnkey solutions and niche specialist services – all from one supplier.

### Areas of expertise:

- Design and stress analysis
- Additive Layer Manufacturing (ALM)
- Fabrication and welding of soft and hard metals
- Assembly
- High precision machining, turning and thread rolling
- Coatings and treatments (including tartaric sulphuric acid anodise)





*We reduce complexity and increase reliability so our customers can deliver mission-critical solutions that improve our world.*

**INCORA** is the world's leading independent distributor and provider of comprehensive supply chain management services to the global aerospace industry. Our services range from traditional distribution to the management of supplier relationships, quality assurance, kitting, just-in-time delivery, chemical management services, third-party logistics or fourth-party logistics and point-of-use inventory management. We offer one of the world's broadest portfolios of aerospace products comprised of 649,000 active SKUs, including C-class hardware, chemicals, electronic products, bearings, tools, and machined parts.

During our 60+ years of operation, we have grown to serve more than 8,400+ customers with global workforce operating across 68+ locations worldwide.

## Areas of expertise:

### Aircraft Systems Served

- Engine & Engine Systems
- Hydraulic Units
- Actuation Systems
- Wheels and Brakes
- Landing Gear
- Aircraft Airframe & Aircraft Exterior

### Core activities:

Chemical Management Services  
Kitting Services  
Quality Management  
Vendor Managed Inventory  
Composite Management  
3PL & 4PL Services

### Aerospace Products

Engines components  
Systems components  
Airframe components  
Aerospace chemicals  
Composite materials

### End Markets

Commercial Aerospace  
Defence  
Industrial  
Pharmaceutical

### Annual Sales

\$2.4B

7 000 suppliers  
8 400 customers  
649 000+ SKUs



Contact:  
Ghassan El Masri  
Regional commercial and  
business development manager  
E: [gemasri@incora.com](mailto:gemasri@incora.com)

INCORA  
ZAC Saint-Martin Du Touch,  
12, rue de Caulet - Bat B06 31300,  
Toulouse

# MAGELLAN Aerospace Ltd



**Magellan Aerospace (UK) Ltd** is a subsidiary of Magellan Aerospace Corporation who is a leading global supplier of technologically advanced aerospace systems, components and assemblies.

As one of the most integrated and comprehensive aerospace industry suppliers in the world, Magellan designs, engineers and manufactures a wide range of aero engine and aerostructure components for aerospace markets, advanced products for military and space markets, and complementary proprietary products for the power/oil/gas markets.

Magellan produces repair and overhaul, test, and aftermarket support services for a variety of engines, and engine structural components. Magellan enjoys strong supplier relationships with OEMs, space, civil, and defence organizations and sells to the global aerospace markets. Magellan is recognized by its customers for its innovative technology, original concept design, quality manufacturing, and total program solutions

## Areas of expertise:

- Aerostructures : Machining , Assembly and Kitting / Design and Systems Integration / Aluminium, Hard metals and Composites
- Aero Engines : Machining and Assembly on all metals / Fabrications / Technology Development
- Repair and Overhaul : Engine component / assembly and test
- Sand Castings : Aerostructure and Aero Engine capability / Aluminium and Magnesium
- Speciality Products : WSPStm – Wire Strike Protection Systems / Industrial Power Generation Systems
- Rockets and Space : Rocket and Weapon Systems / Satellites

Magellan Aerospace (UK) Ltd  
510 Wallisdown Road  
Bournemouth Dorset  
BH11 8QN

### Core Activities

Aerostructures  
Aero Engines  
Repair and Overhaul  
Sand castings  
Speciality Products  
Rockets and Space

### Year established

1996

### Employee Number

3200+ globally

### Annual Sales

\$800million + (CDN) – Globally

### Certifications

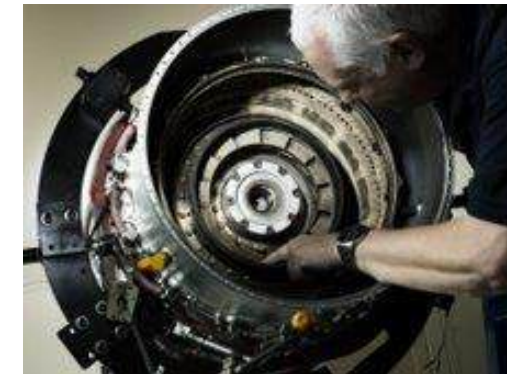
ISO & AS9100 Rev C  
Environmental – EN 14001

### Approvals

EASA part 145 – Selected Sites  
ITAR – Selected Sites only NADCAP  
– Composites, Heat Treatment,  
Welding, Chemical Processing, Non-  
conventional machining, Non-  
Destructive Testing, Materials Testing

### Contact:

Mael Degout  
Business Development Manager (France)  
E: [mael.degout@magellan.aero](mailto:mael.degout@magellan.aero)





# MAYCAST-NOKES

**Maycast-Nokes** is a precision engineering company manufacturing castings by three different techniques – investment/lost wax, precision sand and gravity die casting. The foundries are supported by extensive in-house facilities which include heat treatment, metallurgical laboratory, non-destructive testing (PFD/X Ray) and a pattern shop & tool room.

In addition to these foundries, we have a comprehensive CNC machine shop with simultaneous 5-axis machining capabilities and temperature-controlled inspection department.

## Areas of expertise:

- Investment/Lost wax casting
- Precision sand casting
- Gravity die casting
- CNC Machining
- Rapid Prototyping
- Radiography
- Penetrant Flaw Detection (PFD)
- Heat Treatment
- Pattern making

### Core Activities

Investment / Lost Wax Castings  
Precision Sand Castings  
Gravity Die Castings  
CNC Machining

### Year established

1969

### Employee Number

115

### Annual Sales

£6.8M

### Certifications

NADCAP NDT (X-Ray & PFD)  
NADCAP Heat Treatment

### Approvals

ISO9001:2015  
AS9100 REV D



### Contact:

Dave Blower - [dblowner@maycast.co.uk](mailto:dblowner@maycast.co.uk)  
Simon Gill - [sgill@maycast.co.uk](mailto:sgill@maycast.co.uk)  
Darren Mitchell – [dmitchell@maycast.co.uk](mailto:dmitchell@maycast.co.uk)  
W: [www.maycast.co.uk](http://www.maycast.co.uk)

Maycast-Nokes Precision  
Engineering Ltd.,  
Factory Lane West,  
Halstead, Essex  
CO9 1EX, United Kingdom.



# Midland Aerospace Ltd



## Core activities:

- CNC Machining & Fabrication
- Assembly
- Surface Treatments
- NDT
- Speed Shop

**Year established** – 1995

**Employee Numbers** - 74

**Turnover** - £200m (Group)

## Certifications:

- AS9100 rev D
- CAA
- NADCAP Chemical Processing (Gold Merit)
- NADCAP Heat Treatment (Silver Merit)
- NADCAP NDT (Silver Merit)

## Customer Approvals:

- Airbus
- Magellan
- ST Engineering Aerospace
- Parker – Meggitt
- Senior Aerospace
- L3 Harris
- Amongst others

**Midland Aerospace** are experts in delivering precision engineered components for the Aerospace and Defence industries. Our modern and extensive machining capabilities allow us to offer turnkey solutions for a wide range of materials.

Operating from a modern purpose-built facility located in Nottinghamshire in the United Kingdom, we offer a comprehensive range of services with our core Machining and Fabrication activities supported by an extensive range of in-house surface treatments and inspection capabilities.

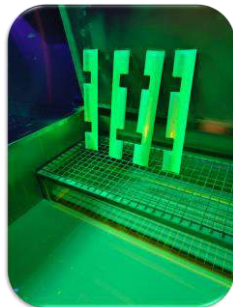
Supported by the Calder group, a pan-European engineering group, serving a global customer base operating across the Aerospace and Defence, Construction, Healthcare, Marine, Nuclear, Oil and Gas market sectors.

## Areas of expertise

Manufacturing of complex engineering components and systems



- 5 Axis Milling & Mill-turn
- 3 Axis Milling
- Multi Axis Turning
- 2 Axis Turning
- Fabrication
- Assembly and sub-assembly



## Supported by

- NADCAP approved Surface Technologies
- NADCAP approved NDT
- NPI and Project Management
- AOG – Speed shop support
- Dedicated customer service team



**Contact:**  
**Gary Roberts – Managing Director**  
E: [enquiries@midlandaerospace.com](mailto:enquiries@midlandaerospace.com)  
W: [www.midlandaerospace.com](http://www.midlandaerospace.com)

# MSM Aerospace Fabricators



## Core Activities

Manufacture and repair of complex sheet metal components and assemblies  
Engine and nacelle fabrications  
ECS, anti-ice and bleed air ducts and components  
Ozone converters & heat exchanger headers  
Leading edge & nose rib pressings  
EASA MRO of intakes, exhausts and ducts

## Year established

1932

## Employee Number

50

## Annual Sales

£7M

## Certifications

AS9100  
Nadcap  
EASA145

## Approvals

Airbus, Rolls-Royce, Safran, GKN  
Aerospace, Collins, Honeywell,  
BAE Systems, Spirit Aerosystems

**MSM aerospace fabricators** is a leading SME manufacturer specialising in complex forming and welding of high temperature metals.

MSM has an 85 year heritage in the manufacture and repair of aerospace components for engine, nacelle, exhaust and thermal systems applications.

## Areas of expertise:

- Hydroforming of sheet metal
- Rollforming of sheet metal, cones and tubes
- Bulgeforming of tubes and cones up to 1m dia.
- 5 axis laser profiling
- TiG, auto & resistance welding
- Laser welding
- VTL and CNC turning
- NDT and pressure testing
- CMM laser scanning
- CAD sheet metal forming simulation
- EASA145 MRO organisation



Contact:  
*Dick Martin*  
Business Development Director  
E: [dickmartin@msm-aero.com](mailto:dickmartin@msm-aero.com)  
W: [www.msm-aero.com](http://www.msm-aero.com)

MSM Aerospace Fabricators  
Spring Vale Works  
Middleton  
Manchester  
M24 2HS

## Core Activities

Precision Machining  
Processing and Surface  
Treatments & Finished Paint  
Assembly & Testing  
Fabrication & Welding  
Machined Fabrications  
Heavy Fabrication Supply Chain  
Integration  
Design & Reverse Engineering  
MRO

## Year established

2003

## Employee Number

500

## Annual Sales

\$80M

## Certifications

ISO 9001, AS9100, ISO1400,  
FAR145/EASA145, CAA Part 145  
& 21  
NADCAP for special processes

## Approvals

Airbus, Airbus D&S, Boeing, Rolls  
Royce, GE Aviation, Lockheed  
Martin, Bombardier, BAE  
Systems, Safran, GKN  
Aerospace, Siemens, Raytheon,  
Parker Meggitt, Ametek, Spirit  
Aerosystems, Moog Aerospace,  
Eaton Aerospace, Babcock

**Nasmyth** provides a complete, cutting-edge manufacturing service, supplying multi axis machined and turned components, complex fabricated details, machined/ fabricated assemblies, and surface treatment finishing, including finish paint.

As a strategic manufacturing partner, our portfolio also includes manufacture of fuel pipe and air duct components using our innovative Solid Machining Solutions “SMS”, and mechanical/electronic assembly and testing. We continually develop our offering with an adaptive approach to new technologies and markets and can provide “best cost” solutions in Asia.

These world-class engineering solutions are supplied to the Space, Air, Land and Sea, Power-Gen platforms within the World’s leading Defence, Aerospace, Space Markets,

Headquartered in the UK, our business has manufacturing facilities and local offices in the UK, India and the Philippines.

## Areas of expertise:

- Precision Machining
- Solid Machining Solutions including Pipe, Duct and Fuel Systems
- Cast and Forging Casting Conversions
- Processing and Surface Treatments including paint finishing
- Assembly and Testing
- Fabrication & Welding
- Machined Fabrications
- Heavy Fabrications
- Design & Reverse Engineering
- Maintenance, Repair and Overhaul
- Supply Chain Integration
- Best Cost Manufacture in India and Philippines
- Best Cost Engineering Support
- CAD sheet metal forming simulation
- EASA145 MRO organisation



## Contact:

Gavin Armstrong –  
Business Development Manager

M: + 44 7469088697

[www.nasmyth.com](http://www.nasmyth.com)

## Head Office

Nasmyth Group  
Nasmyth House, Coventry Road,  
Exhall, Coventry CV7 9FT  
UK



## Core Activities

Manufacturing  
Support of  
Legacy aircraft component

## Year established

1956

## Employee Number

1 000

## Annual Sales

\$430M (2022)

## Certifications

Part21G,  
Part145,  
FAA,  
EASA,  
CAC,  
Transport Canada

## Approvals

ISO9001  
AS9100  
ISO14001

**Ontic** is the globally trusted aerospace partner in supporting and supplying established aircraft parts to the world's aerospace leaders. Providing established product solutions and expert OEM support isn't just something we do. It's all we do. With seven facilities across the world and over 5,000 customers worldwide, Ontic has capabilities in all 5 aerospace sectors. Whether a customer, partner, member of the community, or each other, our promise remains the same — we embrace the challenge to start where others stop.

With over 48 years of aerospace product manufacturing and aftermarket support experience, Ontic provides FAA, CAAS, CAAC, TCCA, DCA, EASA Part 21 and 145 OEM support, including new and serviceable spares and repairs for over 7,000 mature aircraft parts. Ontic's portfolio of products, licensed or acquired from major OEMs such as Honeywell, Collins Aerospace, Safran, Thales and GE Aviation, span all major aircraft systems in both civil and military markets.

## Areas of expertise:

- +Forty years of experience & hundreds of product transitions refined to minimize customer disruption and impact on your operations
- Supply chain specialization for low volume, high mix legacy products
- Product sustainment and engineering expertise



## Contact:

Lilian Clede - Business Development Director

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M: +44 (0) 7355 034624 - +33 6 31135212

W: [www.ontic.com](http://www.ontic.com)

## ONTIC

Cleeve Business Park  
Bishops Cleeve,  
Cheltenham GL52 8TW,  
United Kingdom

Founded in 1924, **LORD Corporation** is a diversified technology and manufacturing company commercializing highly reliable adhesives, coatings, motion management devices and systems, and sensing technologies.

Since 2016 LORD has made the acquisition of Flight Control System technology (LORD Fly by Wire) with a manufacturing plant located in France.

### Areas of expertise:

- Adhesives and coatings
- Industrial parts and assemblies
- Motion and vibration control technologies
- Encapsulants, thermal management compounds
- Sensing systems
- Flight Control Systems
- Engine & APU mounts

Parker Lord  
330 Allée des Hêtres (Hall D)  
69760 LIMONEST  
France

### Core Activities

Design  
Manufacturing  
Testing and Qualification  
Maintenance and Repair

### Year established

1924

### Employee Number

3 000+

### Annual Sales

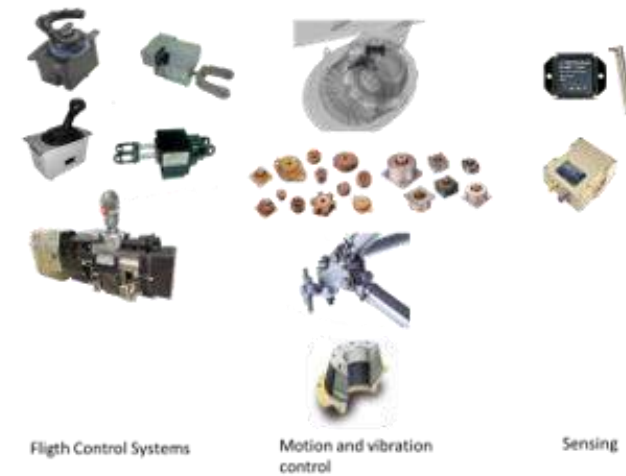
\$900M

### Certifications

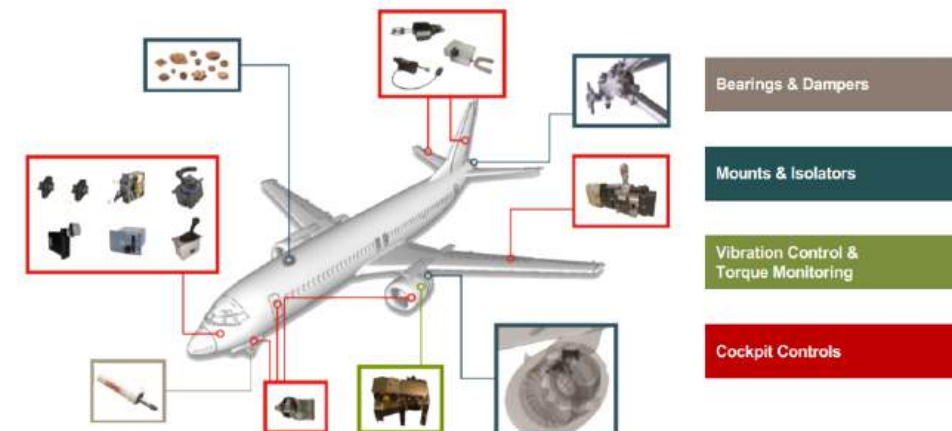
NADCAP  
SAE AS9100:2001  
ANSI/ISO/ASQ Q9001-2000  
AS7114 Non-destructive Testing  
AS7108 Chemical Processing  
FAA-PMA  
US Gov't DCMA

### Approvals

FAA  
EASA  
CAA



## Fixed Wing Nose-to-Tail Products



Contact:  
Christophe Ménard  
EMEA Aerospace sales manager  
E: [christophe.menard@parker.com](mailto:christophe.menard@parker.com)

# ROLLS-ROYCE



## Pioneering the power that matters

**Rolls-Royce** pioneers cutting-edge technologies that deliver the cleanest, safest and most competitive solutions to meet our planet's vital power needs.

With the digital revolution blurring the boundaries between our physical products and the services we provide, we see a future where our engines are connected, contextually aware and even comprehending. A future where we design and test engines digitally, service them remotely and manage them through their digital twin. A future where, once again, we are pioneering the power that matters, just like we have throughout our history.

Rolls-Royce Civil Aerospace is a major manufacturer of aero engines for the large commercial aircraft, regional jet and business aviation markets.

The business uses its engineering expertise, in-depth knowledge and capabilities to provide through-life support solutions for its customers, who operate 15 400 Rolls-Royce engines on 35 aircraft types.

### **Areas of expertise:**

Around 200 Trent turbofans are delivered by Rolls-Royce to Airbus in Toulouse every year. The highly-capable team in Toulouse specialises in:

- Aircraft development support – ensuring engine development supports the requirements of new aircraft programmes.
- Sales and Marketing – co-ordinating activity with our key customer, Airbus, ensuring engines are sold to airlines worldwide.
- Engine delivery – working with partners in Toulouse to ensure high quality engines are delivered on time.
- Aircraft delivery - to support the Airbus production process in order to deliver aircraft on target

### **Core Activities**

Provide services and expertise to Airbus across their product line

### **Year established**

1993 (Toulouse)

### **Employee Number**

70 (Toulouse)

### **Annual Sales**

11M€ (Toulouse)

### **Certifications**

EN9100

### **Approvals**

Part21 SubPartG



Contact:  
Christophe MOLUS  
Senior Vice President – Airbus & RRTS Director  
E: [Christophe.molus@rolls-royce.com](mailto:Christophe.molus@rolls-royce.com)

Rolls-Royce Technical Support SARL  
46 avenue Jean Monnet  
31770 Colomiers  
France



# SENIOR Aerospace

Empowerment of autonomous, collaborative operations with an absolute commitment to safety, ethics and talent development.

To be a trusted and collaborative high value-added engineering and manufacturing company producing sustainable growth

## Core Activities

Fluid systems  
Composite (Air conditioning)  
Metal (EBU, Bleed, Hydraulic,  
Fuel, Drain, Water, Hydrogen)

## Structure

Engine & Nacelle component  
(Hard metal large dimension)  
Aero structure parts  
(Wing, Fuselage, Pylon, Seats)

## Employee Number

26 operations  
12 countries  
6500 employees

## Annual Sales

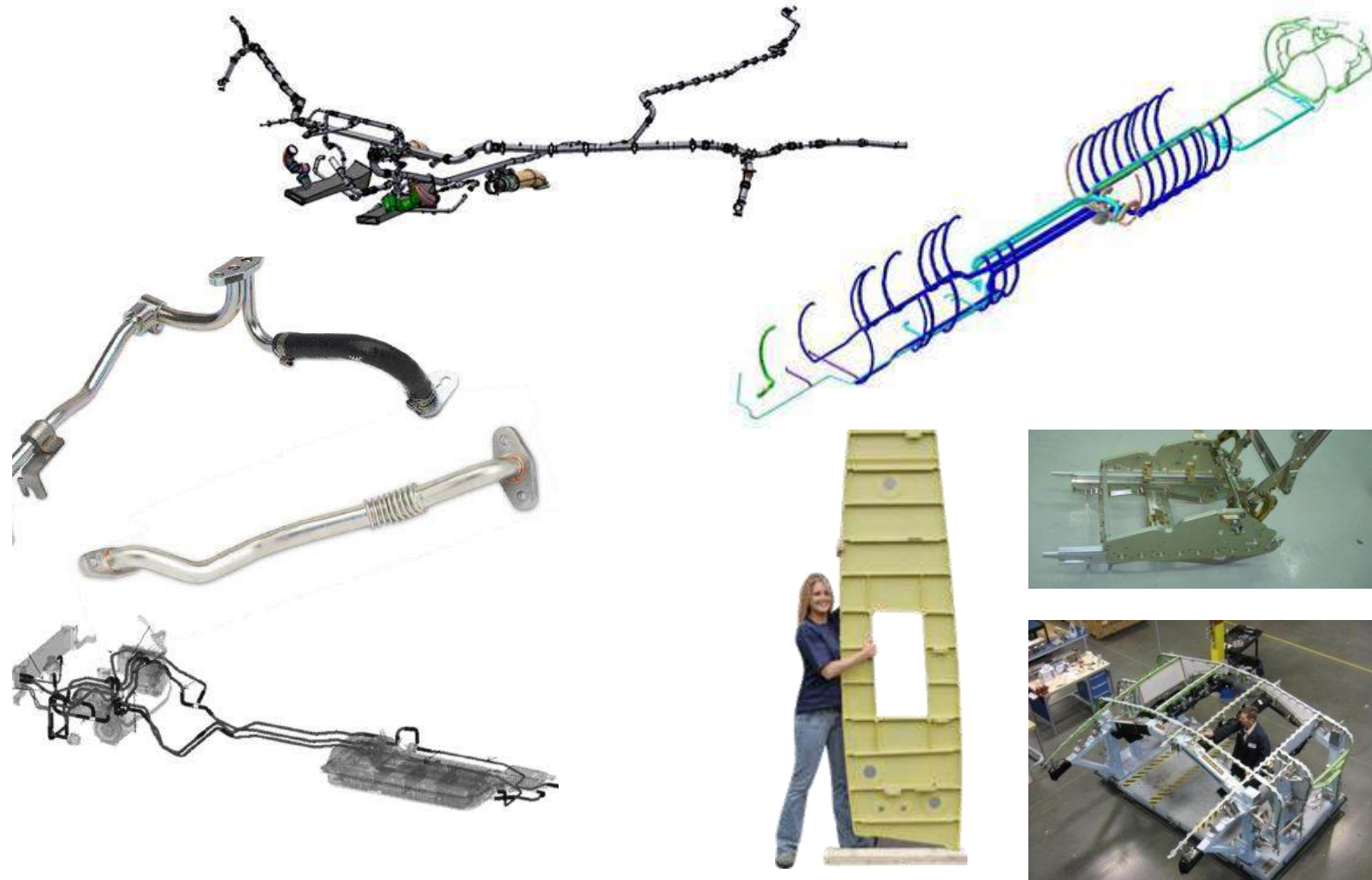
£800M

## Approvals

All main Tier 1

## Areas of expertise:

- EBU & Bleed ducting
- Air conditioning ducting
- Hydrogen
- Design, testing and manufacturing
- Fuel Cell
- Detail parts hard, soft, short, long
- Assemblies
- Surface treatment
- 3D Print plastic
- 3D print metal
- Heat exchanger
- Fittings



## Core Activities

Major manufacturer of precision tight tolerance machined rings to the aero-engine market.

Facilities comprise 10,000 m2 machine shop

## Year Established

1939

## Employee Number

120

## Annual Sales

£20m

## Certifications & Approvals

BS-EN ISO9001 / AS9100 Rev D

ISO13001 compliant

NADCAP Non-destructive Testing

- 24 month merit approval

NADCAP Non-conventional

Machining (EDM) - 24 month

merit approval

Customer Specific Approvals

**Silcoms Ltd** is the United Kingdom's leading supplier, by value and volume, of machined rings to the aero engine industry. The company manufactures rings, casings, seals, shrouds and segments for customers in Europe, Asia and North America, including Rolls-Royce, Kawasaki, and Siemens.

Specialist in producing complex rings from nickel, titanium, stainless steel, and aluminium. The company's core competence is for components in the size range 150mm diameter to 2000mm diameter. Silcoms offers a complete service including, design and procurement of forgings, kitting and NADCAP approved, treatments and sub-tiers

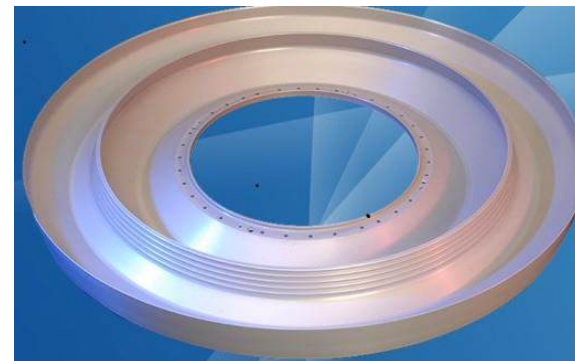
## Areas of expertise:

- Manufacture a wide portfolio of products
- Kitting - including purchased items, full accountability for supply chain
- Wide ranging capability, highly skilled flexible workforce.
- Legacy and low volume as well a serial production.
- Ability to create surge capacity
- Will invest in new capital equipment and provide bespoke turnkey solutions.
- Able to machine all types of aerospace alloys.
- Extensive network of "special process" suppliers
- Proven 'Design for manufacture' expertise.
- Design of forgings - close to form leading to customer cost savings at early stages.
- Responsive and agile; short lead times and fast make capability.

**Large Diameter Thin Wall Ring**



**Rotating & Static Seals**



**Honeycomb Seals & Shrouds**



Contact:

Clive Winby

Commercial Director

E: [clive.winby@silcoms.co.uk](mailto:clive.winby@silcoms.co.uk)

W: <https://www.silcoms.com/>

## Core Activities

Electrical System Installation Design  
 Mechanical System Installation Design  
 Structures stress analysis.  
 In service support  
 MRO management  
 Robotics Systems design and installation for industrial sites  
 Jigs and tools design and installation for industrial sites  
 Electrification  
 Manufacturing Engineering Business Modeling  
 Digital Transformation  
 Digital Enterprise Solutions  
 Embedded software

## Year Established

1989

## Employee Number

11 000 Innovative professionals

## Annual Sales

Approx 500MUSD

## Certifications

ISO 9001:2015  
 AS 9100D  
 ISO 27001:2013 ISO 45001:2018

## Aerospace

18 Leading OEMs  
 6 Leading MROs

## 11 Legal entities

International Operations

**Tata Technologies Ltd.** is the engineering services arm of the Tata Group.

We pride ourselves on solving business challenges from the pragmatic lens of the engineering and the manufacturing.

Partnering with our customers, our objective is to understand you and improve your long-term performance, by deploying proven and emerging technologies, tools and solutions.

## 21 Global Deliveries Centres

USA (Headcount: 370) – Detroit

Europe (Headcount: 1250) - Warwick- Frand and Germany (UK), Gothenburg (Sweden), Brasov, Craiova & Iasi (Romania)

India (Headcount: 7470) - New Delhi, Blue Ridge & Hinjawadi - Pune, Bengaluru, Thane

China (Headcount: 130) -Shanghai (China)

SEA (Headcount: 60) - Osaka (Japan), Bangkok (Thailand), Singapore

## Areas of expertise:

- Engineering services
- Manufacturing Engineering services
- Digital transformation
- Robotics
- Customer services

Contact:

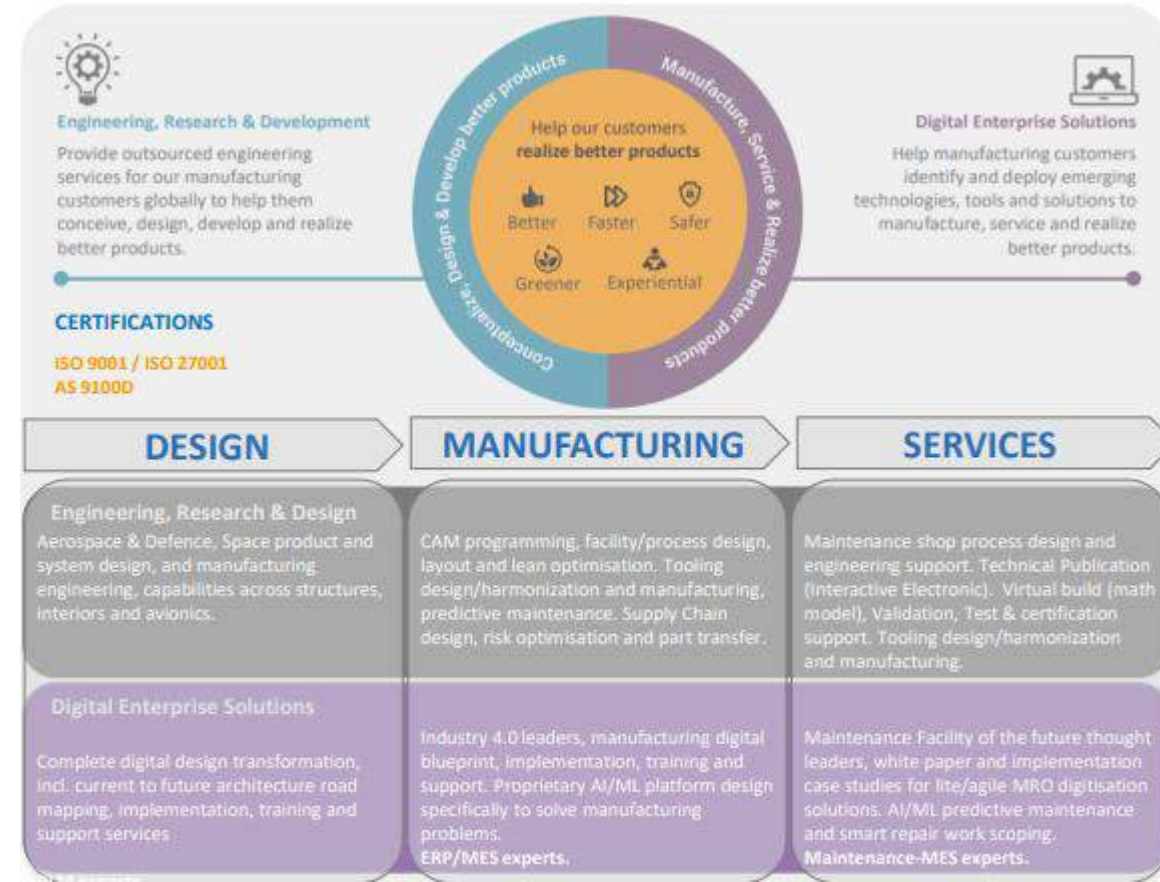
**Mike Garbett**

*Aerospace Director*

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Address:

2 Av. Escadrille Normandie Niemen  
 31700 Blagnac - FRANCE



Contact:

**Roger Farré Gascon**

*Key account manager*

E:[Roger.farre-gascon@tatatechnologies.com](mailto:Roger.farre-gascon@tatatechnologies.com)



**Tech Mahindra** is a \$7bn business, part of the Mahindra Group, a \$20bn industrial business with 55 manufacturing sites, working in many different industry sectors in more than 100 countries. Tech Mahindra is an engineering, technology and consulting business that employs 150,000 people in 90 countries. Originally a joint venture with British Telecom in 1986, Tech M was incorporated in 2006. Growing steadily since the 1980s, TechM has made several key acquisitions in its journey to the modern, digital business it is today – Pininfarina, the globally recognised Italian automotive design house was acquired in 2015 and the Born Agency in 2019. TechM is regularly recognised as a leading global force in digital and sustainability. Today, TechM has deep relationships with 6 out of the top 8 aircraft OEMs and Tier 1 manufacturers.

### Aera of expertise:

We help our customers across the whole engineering value chain - Engineering Services, from concept generation and ideation to design and manufacturing engineering. Supply chain development/management and product sustainment. IT and Digital Services to support the above. We work with most of the major manufacturers in Aerospace (as well as many other sectors including Automotive, Life Sciences and Pharmaceuticals, HiTech and Food/Retail)

Core activities:

#### Year Established

TechM was incorporated in 2006.  
The Mahindra Group was founded in 1945

#### Employee Number

150,000 in TechM  
240,000 in Mahindra Group

#### Annual Sales

\$7bn for TechM  
\$20bn for Mahindra Group



### OEM Qualifications

2

OEM	Entity	Manufacturing Processes					Inspection & Testing				Surface Treatment & Part Marking									
		Laser Cutting	Machining	TIG Welding	Assembly	Heat Treatment	NDT-FPI	Hardness & Conductivity	Paint Adhesion	Electrical Bonding	TSA	BSA	CAA	CCC	Pickling	Passivation	Titanium Claeing	Swab Etching	Painting	Part Marking
<b>AIRBUS</b>	UK	Qualified	Qualified	Not Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	France	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Germany	Qualified	Qualified	Not Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>BOEING</b>	Civil	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Defence	Qualified	Not Qualified	Not Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>DASSAULT AVIATION</b>	All	Qualified	Qualified	Qualification WIP	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>GE Aerospace</b>	Engines	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>BAE SYSTEMS</b>	Aircraft	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Helicopter	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Aerospace	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	MRO	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified

Qualified
  Qualification WIP
  Not Qualified
  Not Applicable

Add

Contact:  
E:

#### Core Activities

Pipe Assemblies  
Ducting  
Fabrication  
Sheet Details  
Sub-Assemblies  
Precision Machining  
Specialist Fasteners  
Composite Pipes  
Tooling  
Polishing & Finishing  
NPI (New Product Introduction)  
Processing & Surface Treatments

#### Year Established

2004

#### Employee Number

400

#### Annual Sales

\$47m

#### Certifications

ISO 9001, AS9100 Rev D, ISO 14001, ISO 18001, NADCAP held for Welding, Brazing, Heat Treatment, X-Ray and Dye Penetrant Inspection

#### Approvals

Airbus, Safran, Rolls-Royce, Collins Aerospace, BAE Systems, Bombardier, GKN and many more...

#### Contact

Mark Lambert  
Business Development Director  
E: [mark.lambert@sigma-aero.group](mailto:mark.lambert@sigma-aero.group)

**Sigma** is a leading manufacturer of rigid pipe assemblies, ducting, fabrications, sheet details, sub-assemblies, machined items, specialist fasteners, assembly and build fixtures for aerospace OEMs and Tier 1's. We also offer finishing and polishing services. With manufacturing facilities across the UK and China, we can also manage the supply chain on our customer's behalf, making the most of our local footprint to deliver lowest cost, lowest risk solutions at every stage of the product lifecycle.

Sigma also offers SigmaLite our weight reduction initiatives, taking weight out of the aircraft by deploying our lightweight technology such as composite tubes, driveshafts and lightweight end fittings.

#### Areas of expertise:

- Supply Chain Integration
- Low-cost Manufacture
- Technology Innovation
- NPI, Prototyping & Reverse Engineering
- Complex forming & welding
- Using Soft & Hard Metals
- Rigid Pipe Assemblies & Ducting
- Fabrication & Sheet Details
- Sub-Assemblies
- Precision Machining
- Processing and Surface Treatments
- Polishing & Finishing
- Tooling

#### Address

8 Alan Bray Close,  
Dodwells Bridge Industrial Estate,  
Hinckley, Leicestershire.  
LE10 3BP, UK.

[www.sigma-aero.group](http://www.sigma-aero.group)



PIPES



DUCTS



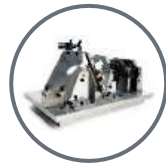
SHEET DETAILS



FABRICATIONS



SUB-ASSEMBLIES



FIXTURES



COMPOSITE  
PIPES



MACHINED  
DETAILS



FASTENERS



FINISHING



### Core Activities

Product Inspection  
 FAI Recovery & Management  
 APQP | PPAP  
 Capacity & Capability  
 Product Site Transfers  
 Delivery Improvement  
 Auditing and Assessments  
 Precision Inspection Facilities  
 Supply Chain Risk Management (SCRM)  
 Recovery of Underperforming Suppliers.

### Year Established

1976; led by our CEO, Kathleen Boyle, the Verify Group is a family owned company.

European HQ established in the UK in 1998

Worldwide network of experienced professionals

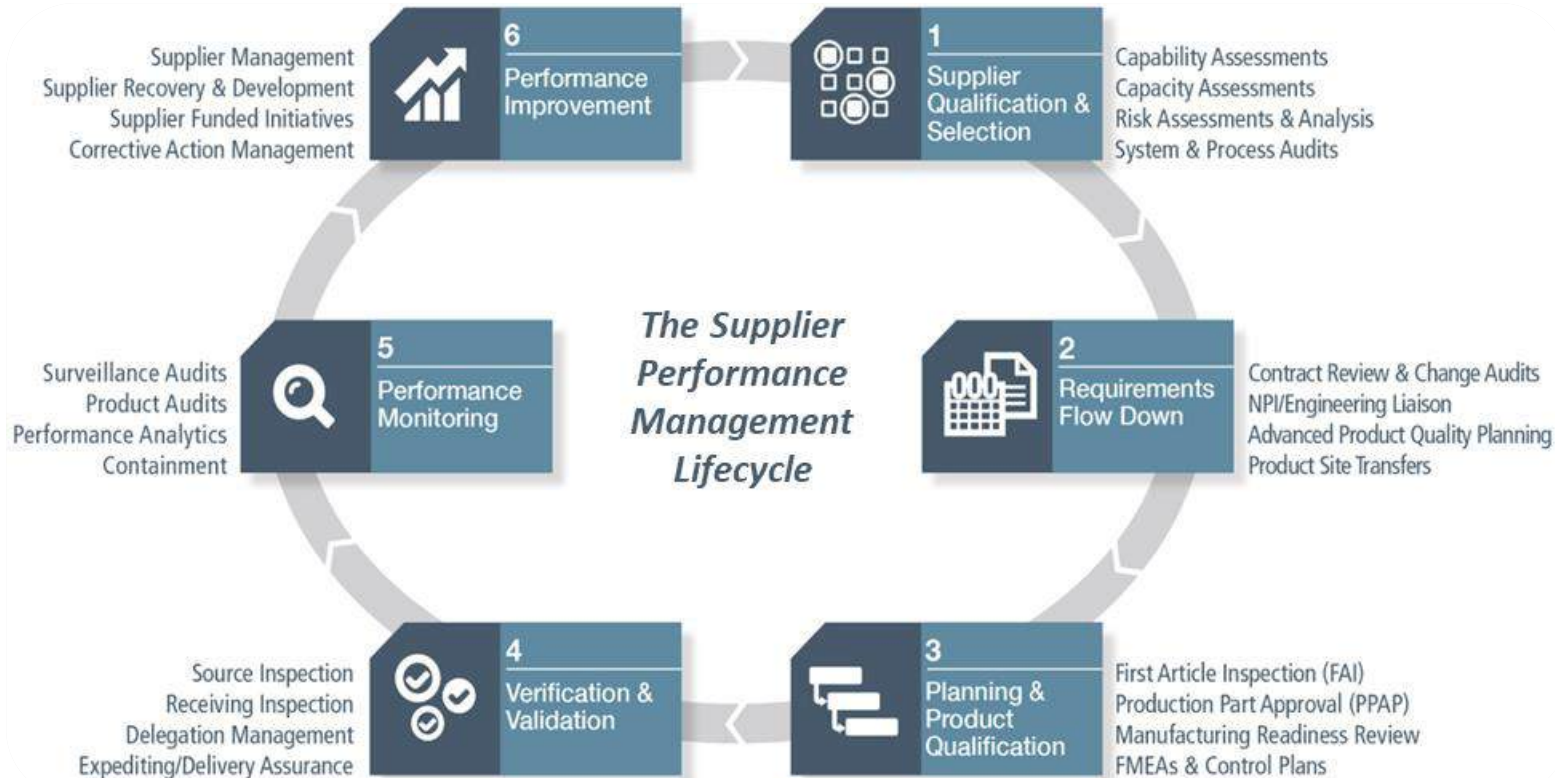
Supporting over 400 A&D customers

Operating in more than 50 countries and 7,000 supplier sites

Since our inception, **Verify's** primary objective is to collaborate with our customers and their supply chain to pursue our vision of A WORLD WHERE SUPPLY CHAIN RISK IS ELIMINATED AND QUALITY PRODUCT IS DELIVERED ON TIME.

Verify's unique Supplier Performance Management (SPM) capabilities combine to create powerful cost-effective, value-add solutions. Our worldwide network of experienced professionals provides the following Risk Management, Quality Assurance and Delivery Assurance support.

### Areas of expertise:



**People**

Technically proven and qualified professionals ensure the right person for every task

**Process**

Best practice standard operating procedures consistently provide process control and optimization

**Platform**

Online Supplier Performance Platform provides real time project status, results and analytics

**Facilities**

Secure, outsourced facilities available at each Verify office and other strategic locations

Contact:  
 Steve Ince - Business Development Manager  
 E: [since@verify-europe.com](mailto:since@verify-europe.com)  
 W: [www.verifyglobal.com](http://www.verifyglobal.com)

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 25 Shirwell Crescent  
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 United Kingdom  
 T: +44 (0) 1908 246 990



# W.L.GORE & Associates



**GORE's** commitment to innovation is based on a thorough understanding of materials and how they interact with their environment — with the result of reliable products for the aerospace industry.

Gore's commitment to innovation is based on a thorough understanding of materials and how they interact with their environment, resulting in aerospace products that have been trusted and relied on for decades. Our products meet the industry's distinctive challenges — like reducing maintenance and downtime, decreasing operating costs, improving communication, and providing protection and comfort for flight and ground personnel.

For more than 60 years, W. L. Gore & Associates has been an aerospace industry leader by providing solution-oriented innovations that include future materials for aerospace. Our failure-free solutions have been instrumental since the first moon landing to today's defense aircraft and commercial airliners. Lighter, more flexible and higher performing than competitors, Gore's product lines continue to meet the unique challenges of defense, civil and spaceflight environments and applications.

## Capabilities

Gore developed unparalleled expertise in manipulating polymers. Our engineers can change a material's structure, shape, thickness, and surface geometry and then pair it with complementary materials to provide the performance qualities required by the application and the customer. The resulting product can be strong or permeable, rigid or flexible, thin or thick — with many additional combinations of properties that can be applied to meet the requirements of aerospace companies. This expertise has led to key innovations for aircraft and spacecraft.

### Core Activities

Materials, Wires, Cables and Cable Assemblies for:

Civil Aerospace  
Defence Aerospace  
Defence Land Applications  
Space

### Year established

1959

### Certifications & Approvals

Multiple Aerospace Certifications and Approvals

### Areas of expertise

High Data Rate Cables  
Microwave/RF Assemblies  
Aerospace Materials



GORE-FLIGHT Microwave Assemblies



GORE SKYFLEX Aerospace Materials



GORE High Data Rate Cables  
for Aerospace & Defense

### Contact

Frédéric AMARIUTEI  
Director France & Spain Offices  
E: [famariut@wlgore.com](mailto:famariut@wlgore.com)

### Address

Bercy International  
8, Place des Vins de France  
75012 PARIS

# ADS TOULOUSE Members Core Capabilities MAP

COMPANY NAME	Composites	Systems	Design & Stress Engineering	Logistics	Materials Supply	Metal Forming	Precision Machining	Cabin Seating Safety	Structures Wings	Tooling	Treatments	Castings	Research training	Defence	Space
Adept Fasteners				X	X					X				X	X
ALA				X	X					X					
AS. G			X	X		X	X		X	X	X			X	X
AVPE Systems – Broadway Group		X					X		X					X	
BAE Systems		X	X												
BROOKHOUSE Aerospace	X		X			X	X		X	X	X			X	X
CASTLE METALS				X	X									X	X
CAV Systems															
Dynamic Aerospace Fabrications						X	X				X			X	

# ADS TOULOUSE Members Core Capabilities MAP

COMPANY NAME	Composites	Systems	Design & Stress Engineering	Logistics	Materials Supply	Metal Forming	Precision Machining	Cabin Seating Safety	Structures Wings	Tooling	Treatments	Castings	Research training	Defence	Space
FARSOUND															
GARDNER Aerospace				X	X	X	X		X	X	X			X	
GKN Aerospace	X		X	X			X		X					X	X
HYDE Group			X			X	X		X	X	X		X	X	X
INCORA	X			X	X					X				X	X
MAGELLAN Aerospace Ltd	X		X	X	X	X	X		X	X	X			X	X
MAYCAST-NOKES					X	X	X			X	X	X	X	X	X
MIDLAND Aerospace															
MSM						X							X	X	
NASMYTH Group			X			X	X	X	X	X	X			X	X



# ADS TOULOUSE Members Core Capabilities MAP

COMPANY NAME	Composites	Systems	Design & Stress Engineering	Logistics	Materials Supply	Metal Forming	Precision Machining	Cabin Seating Safety	Structures Wings	Tooling	Treatments	Castings	Research training	Defence	Space
ONTIC															
PARKER Lord			X		X					X				X	X
ROLLS-ROYCE			X	X			X			X	X		X	X	
SENIOR Aerospace	X		X			X	X		X		X			X	
Silcoms Ltd															
SIGMA	X					X	X		X	X	X			X	
TATA Technologies	X		X	X			X	X	X	X				X	
VERIFY															
W.L. Gore	X				X				X					X	X



*Toulouse*

