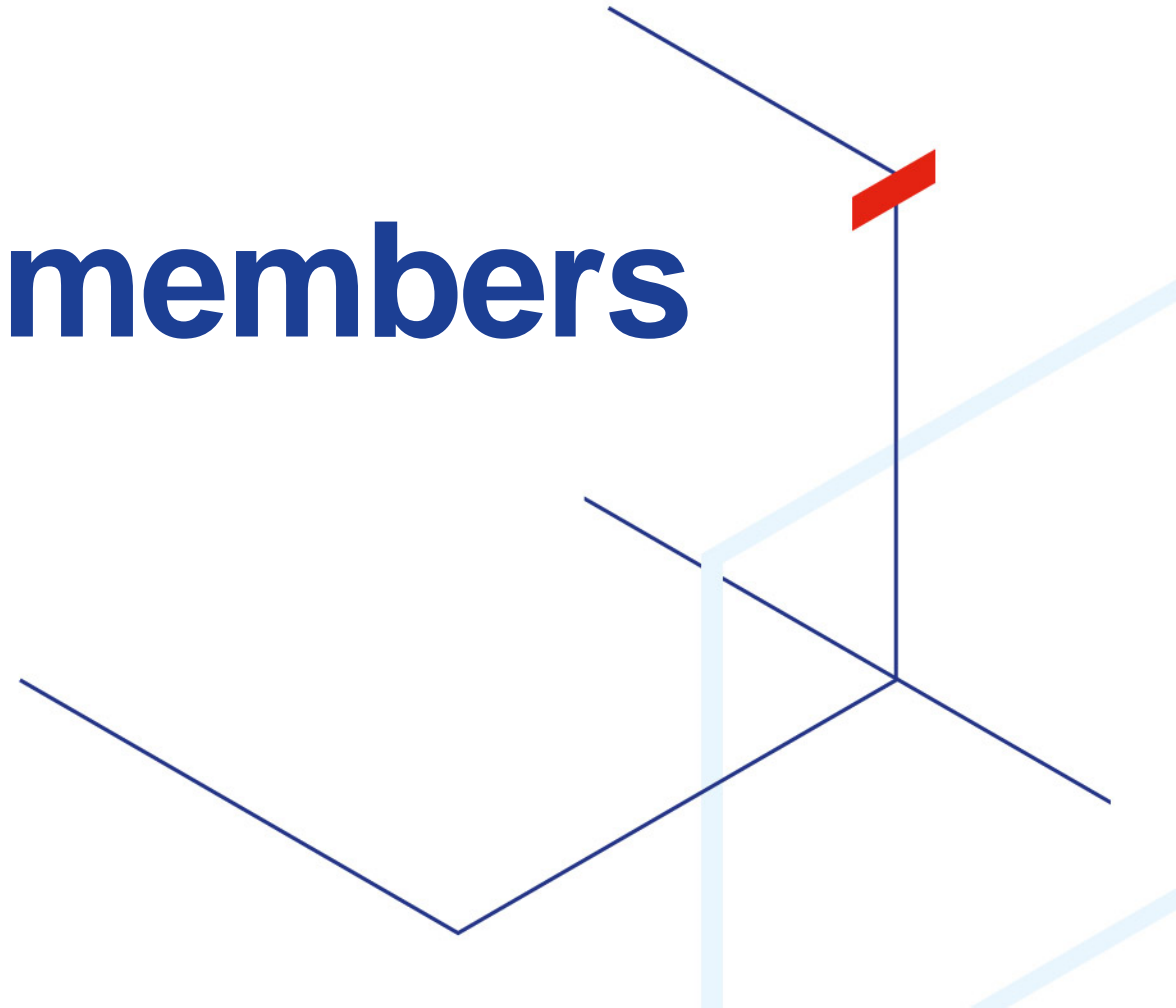




Working for our members



ADS TOULOUSE

MEMBERS CAPABILITIES

July 2024

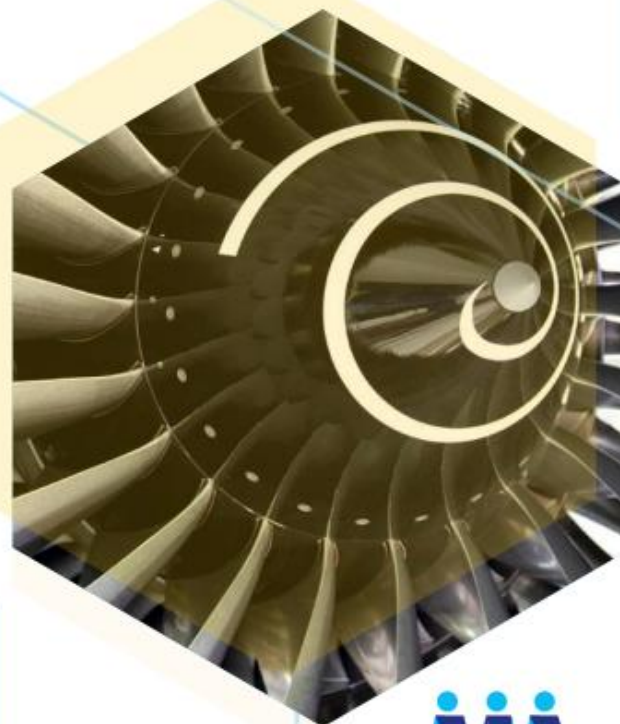
In 2023 the UK
aerospace sector's
footprint included:


£30.5BN
TURNOVER

GROWTH OF
7%
OVER 10 YEARS

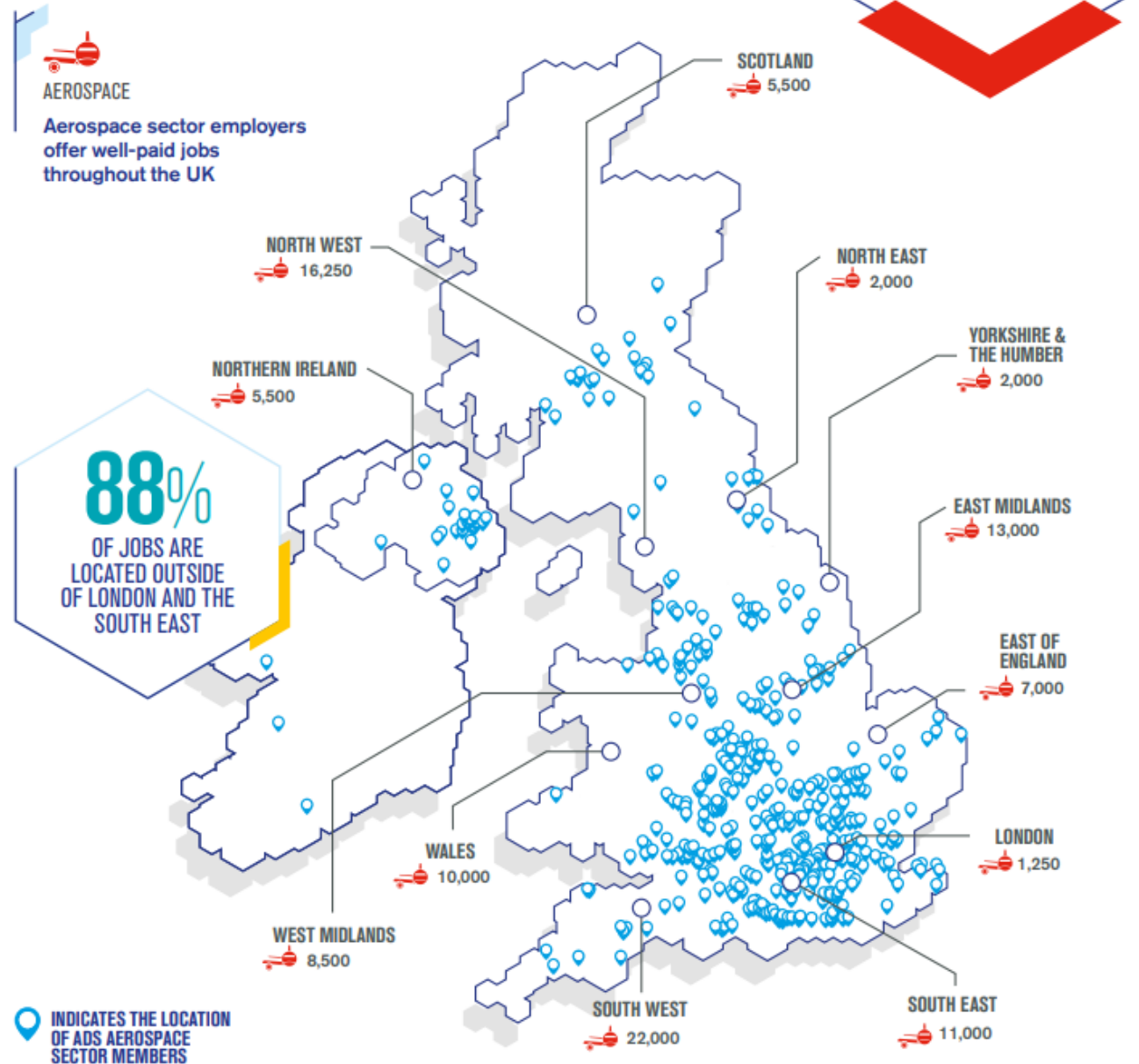

£20BN
EXPORTS

GROWTH OF
14%
OVER 10 YEARS



INCLUDING
6K
APPRENTICES


104K
EMPLOYEES

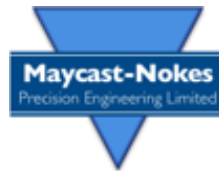


ADS Toulouse – A strong footprint in France

- > 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 – 32 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



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

Sarah Ben Saad – Business Development Manager
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T: + 33 6 49 21 77 85
Toulouse - France
<https://www.adeptfasteners.com>

Your Supply Chain Integrator

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.

In 2022, ALA acquired SCP Sintersa, designer, assembler and supplier of components as well as subsystems for electronic interconnection systems for professional applications in harsh environment. ALA and its wholly owned SCP Sintersa Group build their success on the talent of +650 people and on the strength of a growing network of sales offices and state-of-the-art facilities across Europe, Israel, and North America.

ALA serves Customers in 40 countries and manages more than 1,500 suppliers.



Core activities

Products distribution
Supply chain management
Material planning
Cut-to-size services
Logistics for Aerospace

Employee Number

+650

Certifications

EN9120
EN9100

Annual Sales

€ 233.1 M (Group)

Group Numbers

1 500 Suppliers
1 100 Customer
20 000+ sqm Global Footprint
350 000+ SKUs managed

French Sites

Toulouse
ALA Regional HQs
Bordeaux
ALA Offices/Warehouse

Areas of expertise:

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

Supplied Products :

- Fasteners
- Connectors
- Cables and wire harnesses
- Indirect materials
- Spare parts
- Raw materials



Contact:

Valentina Verde
Head of Marketing & Communication
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T: +39 081 3036311
www.alacorporation.com

ALA France
Bâtiment B01, AEROPARC
12 Rue de Caulet, Saint Martin du Touch
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



The Value Proposition

It's about People being Passionate about what they do.

It's about Personality.

It's about Performance

"In depth global support to our customers wherever they need us"



Contact:
MICHAEL PANARESE
VP Commercial Europe
E : michael.panarese@apollo-aerospace.com
T : + 33 7 45 03 66 78
www.apollo-aerospace.com
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

Machined parts and assemblies

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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 comprises Broadway Engineering, supporting complex Legacy & Defence engine platforms and AVPE Systems, manufacturing parts for production and aftermarket across multiple Airframe and Aircraft platforms.

Areas of expertise:

- CNC Machining of metallic materials across engine and airframe and landing gears supply
- Post Process machining for Additive manufactured parts, complex Casting & Forgings
- Specialist thread rolling capability with many aerospace platforms
- Critical & Sensitive Engine parts approval and high experience
- Legacy and aftermarket MRO specialism
- Critical AOG Support to Airbus Aftermarket Services
- [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

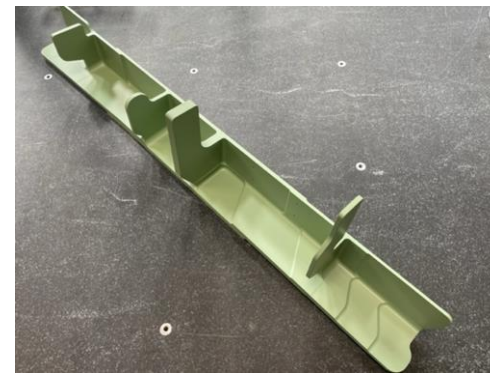
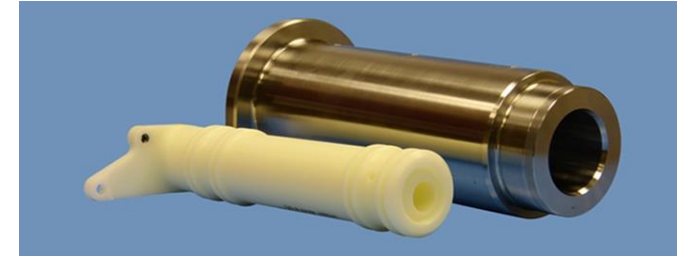
\$31 Million

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

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

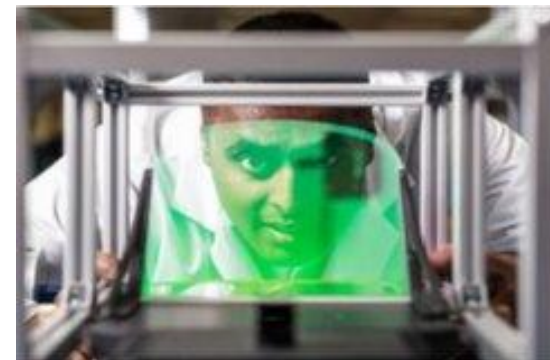
From cutting-edge flight controls to head-up displays, employees at **BAE Systems** design, develop and produce some of the world's most advanced avionics equipment spanning both the commercial and defence markets.

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

s



Contact:
Meghan Silveira
Business Development Manager
Electronic Systems UK
E: meghan.silveira@baesystems.com
<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:

Simon Smith

Business Development Director

E: simon.smith@brookhouse-aerospace.com

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

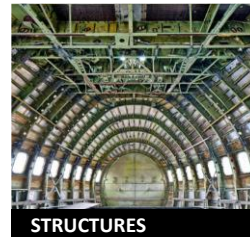
END MARKETS



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

E: fcrespel@amcastle.com

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.

CAV is the only commercial manufacturer of laser micro-perforated structures for aviation drag reduction systems.

Areas of expertise:

- Lowest power, ambient temperature anti-ice protection system available on the market.
- Ability to provide parts in metallics and/or composites.
- Laser perforation in FRP for Ice Protection, HLFC or Noise Attenuation applications.
- Drill rates of up to 1,000 holes per second.
- Full manufacture from raw material to formed skin including laser drilling. Laser cutting, surface sanding, etching and forming.
- 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.
- Between 1994 and 2024, the CAV team completed more clean sheet FIKI certification programs than any other single company /corporation in the world.

Core activities:

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. Supplier of laser drilled surfaces and parts for use on HLFC and noise attenuation products.

Year established

1942

Employee Number

115

Annual Sales

£17M

Certifications

AS/EN/JISQ 9100
Cyber Essentials / Cyber Essentials PLUS
FAA 14CFR Production Organisation Approval
Part 21 G Part 145

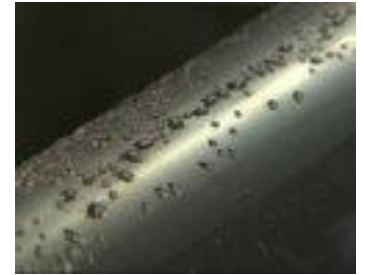
Contact:

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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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Business Development Manager
E: elyons@dynamicfabs.co.uk
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:

Unit 4 London Brentwood Commercial
Park, Tilbury Road,
Brentwood, Essex,
CM 13 3LR

Contact:

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M: +44 7703 734573

Contact:

Marcus Plummer - Group Head of Procurement

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M: +44 7715 015875

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



Gardner AEROSPACE



Core Activities

Aerospace Detail Parts for Aerostructures and Equipment

Year established

1998

Employee Number

1,800

Annual Sales

\$ 200M

Certifications

AS9100
ISO9001
ISO14001
NADCAP

Approvals

numerous industry approvals
incl. EASA Part-21G and Part-145.

- Founded in 1998 (independent since 2003), Gardner Aerospace is a leading international **manufacturer of metallic aerospace detail parts**: machined parts and fabrications, simple to highly complex, small to very large with substantial assembly capabilities.
- Gardner Aerospace produces parts ranging all sizes (from ¼ inch to 26 meters), and assemblies with different level of complexity (from 5 to 750 components) for various **aerostructures (wings, fuselage, cabin, cockpit)** and some **equipment applications** (engine, landing gear).
- The company serves aerospace **OEMs** and **tier-1 suppliers** such as Airbus (largest client), Gulfstream, GKN, Spirit, Mubea, and Safran. Gardner Aerospace is well positioned on the **A320**, and the **A350 program** and supports Airbus on various other programs including A220. Gardner Aerospace is an Airbus D2P certified partner (latest renewal in 2022) and an Airbus Supplier Council member.
- An **experienced and diverse management team** leads about 1,800 people in 9 production sites: 3 in the **UK**, 1 in **France**, 3 in **Poland**, 1 in **India** and 1 in **China**.



Contact:

info@gardner-aerospace.com

Gardner Aerospace
9 Victory Park, Victory Road
DE24 8ZF Derby, 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

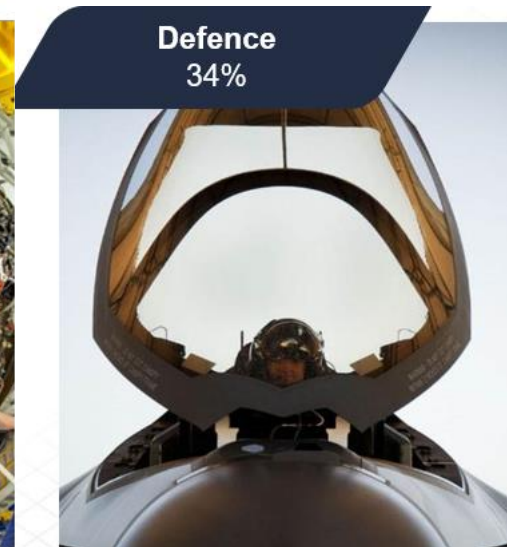
Large range

Contact

T: +44 (0)1527 517 715

F: +44 (0)1527 517 700

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

600

Annual Sales

\$112M

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 for global aerospace OEMs.

Contact:

Anthony Hammond
Divisional Managing Director (Joint)
ahammond@hydeaero.co.uk
hydegroupp.com

Designer and manufacturer of aerospace structural components and detailed parts

One of Europe's leading engineering organisations, the **Hyde Group** has been delivering design and manufacturing solutions for over 50 years, serving clients across the globe. We provide engineering services for the design, manufacture and finish of complex components and integrated structural components, tooling and testing solutions and urgent operational support. We support clients in the safety-critical industry market sectors of aerospace, defence, nuclear and life sciences and we cover long-term strategic support through to rapid-response AOG requirements.

- 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.
- Established in 1968, privately owned with industry-leading financial strength and operating a strong reinvestment programme.
- Our 20+ Group facilities can provide a fully integrated turnkey solutions and niche specialist services – all from one supplier.
- Committed to environmental protection, sustainability and net-zero operations (UN Global Compact signatory, ISO14001), and a resolute supporter of apprenticeships and encouraging participation of young engineers from our local area

Areas of expertise:

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

Hyde Aero Products Limited
Tudor Works, Ashton Street, Dukinfield,
Cheshire, SK16 4RR, UK



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

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



MAYCAST-NOKES

Maycast-Nokes
Precision Engineering Limited

Core Activities

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

Year established

1969

Employee Number

115

Annual Sales

£8M

Certifications

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

Approvals

ISO9001:2015
AS9100 REV D

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 (FPI/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
- Fluorescent Penetrant Inspection (FPI)
- Heat Treatment
- Pattern making



Contact:

Dave Blower - dblowner@maycast.co.uk
Simon Gill - sgill@maycast.co.uk
Darren Mitchell - dmitchell@maycast.co.uk
W: 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.

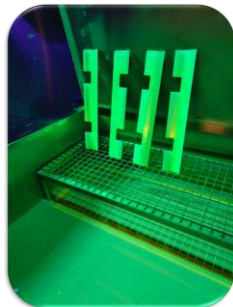
Supported by the Calder group, a pan-European engineering group, serving a global customer base operating across the Aerospace and Defence, Construction, Healthcare, Marine, Nuclear, Oil and Gas market sectors.

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
W: 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
W: 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

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

E: lilian.clede@ontic.com

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

W: 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 motion management devices and systems to address noise and vibration issues

Part of Parker organization since 2019

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

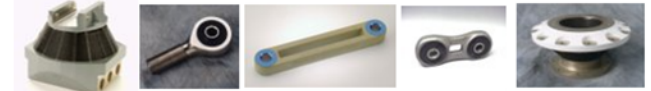
Approvals

FAA
EASA
CAA

Areas of expertise:

- Motion and vibration control technologies
- Flight critical, dynamic rotor components: Spherical bearings, frequency adaptors (Dampers)
- Electro-Mechanical solutions
- Sensing systems
- Engine & APU mounts
- Equipment isolators

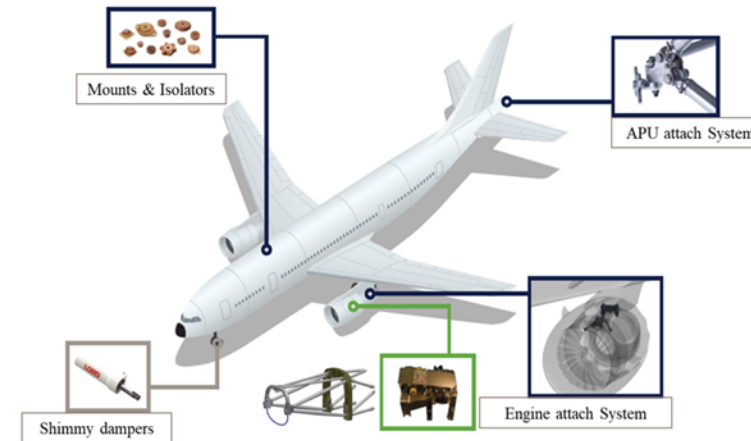
h/c rotor dynamic parts



Circular Force Generator



Fixed Wing Nose-to-Tail Products



Parker Lord Noise, Vibration & Harshness Division is the best-in-class provider of customized vibration, motion management solutions serving primarily aerospace end-market. Our market competitiveness and growth results from a culture of engaged people and a premier customer experience.

Contact:

Christophe Ménard
EMEA Aerospace sales Director
E: christophe.menard@parker.com

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

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

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

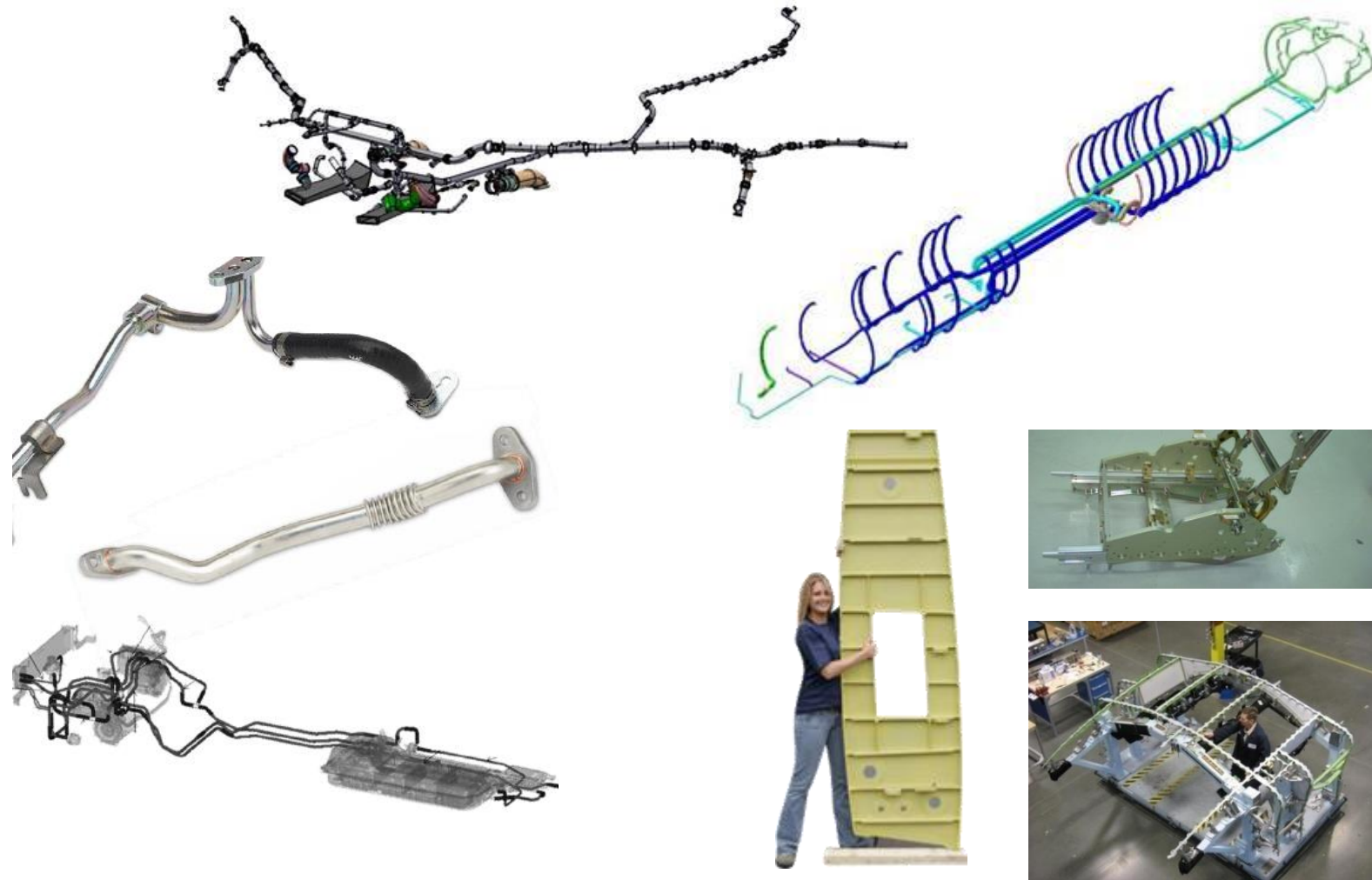
£800M

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

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

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



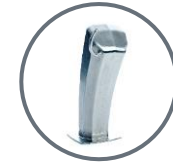
PIPES



DUCTS



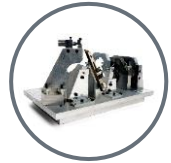
SHEET DETAILS



FABRICATIONS



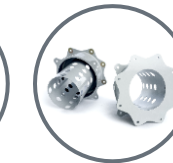
SUB-ASSEMBLIES



FIXTURES



COMPOSITE PIPES



MACHINED DETAILS



FASTENERS



FINISHING



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

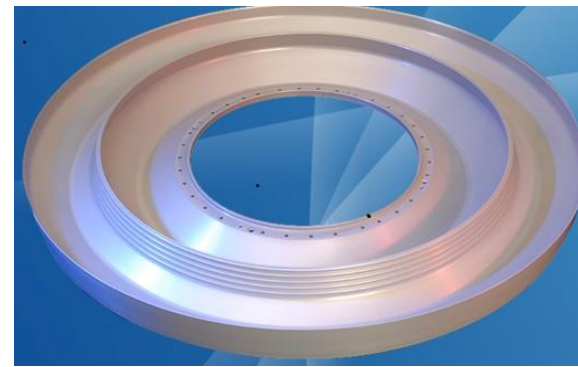
Areas of expertise:

- 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

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

Spectrum Technologies



Introduction:

Spectrum Technologies is the leading global specialist supplier of laser wire processing solutions to the Aerospace sector. Spectrum pioneered laser wire marking over thirty years ago and continues to be involved in setting Aerospace standards, with machines in service at all major primes and their suppliers across the world, processing wire at up to 60 metres per minute.

In the varied field of wire insulation removal, Spectrum also manufactures a range of specialised machines that will cleanly strip cables without damaging the conductor. We also manufacture combined machines to mark, strip and cut cables to length in one process.

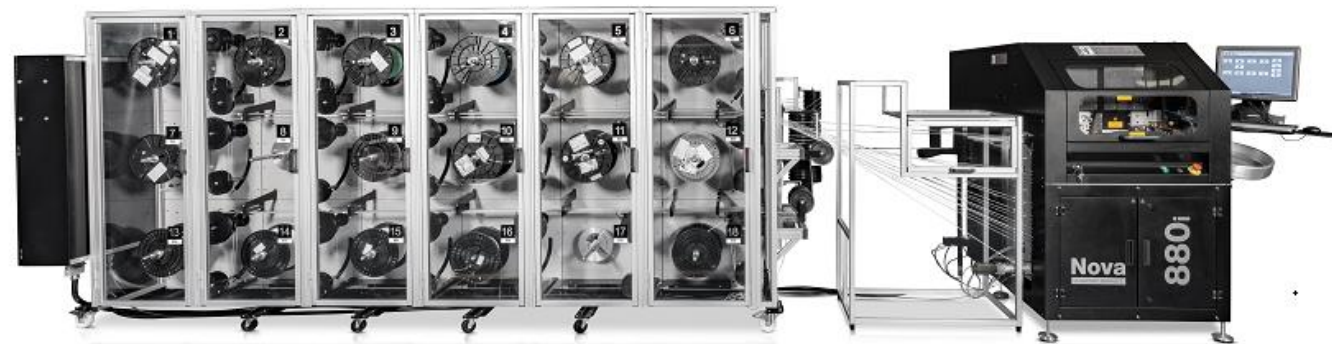
A privately owned company, with its HQ in Bridgend, Wales and sales & service offices in Texas, Shanghai and India, Spectrum offers professional expertise in a specialised and safety-critical field which extends also to automotive, medical and industrial customers.

Areas of expertise:

Manufacture of high-volume (aircraft manufacturer) to desk-top (MRO) laser wire marking machines & service

Manufacture of laser wire stripping machines & service

Wire Processing Service (Job Shop)



Core activities:

Manufacture of Laser Wire Marking Machines
Manufacture of Laser Wire Stripping machines
Full global service and support

Year established

1989

Employee Number

74 worldwide

Annual Sales:

£11m

Certifications

ISO9001:2015
ISO14001
SAE AS 5649
ASD EN4650

Approvals:

Airbus
Boeing

Contact:

Phil Ripley – EMEA Sales Manager
pripley@spectrumtech.com
www.spectrumtech.com
+44 7425 795815

Address:

Spectrum Technologies Ltd,
Western Avenue, Bridgend CF31 3RT UK

Spirit AeroSystems (UK)



Core activities

Design and manufacture of key aerostructures, including:

- Fully integrated wings & wing components
- Fuselages
- Engine nacelles
- Thrust reversers
- Horizontal stabilisers

MRO and other engineering services.

Research and Development.

Employee Number
Over 4,700

Annual Sales
c£1 billion

Certifications

NADCAP, EASA Part.21.G, Part.21.J and Part.145., OHSAS 18001, IS9001, AS9100, AS9110, ISO14001

Customers include:

Airbus, Boeing, Bombardier, Rolls-Royce, Saab, UK Ministry of Defence, UK Space and Defence Primes.

Contact:

Nick Laird
Managing Director, European Space & Defence

E: neil.laird@spiritaero.com

Introduction:

Spirit AeroSystems in the UK is a premium aerostructures partner, providing end-to-end solutions through a broad range of capabilities. With operations in Scotland (Prestwick) and Northern Ireland (Belfast), Spirit has engineering and technology leadership in advanced materials and ultra-light structures. It specialises in the development, design, manufacture, assembly, testing, and aftermarket support of complex aerostructures in metal and advanced composites.

Spirit's products and services are backed by a highly skilled and R&D-intensive workforce, with longstanding collaborations with UK universities. The operations have experienced integrated engineering product development teams, as well as a dedicated Experimental and Ground Test facility in Belfast, providing full-scale static and fatigue testing.

Sustained, long-term investment in R&D has led to both the Scotland and Northern Ireland sites developing their own unique advanced composites technologies: a Resin Transfer Infusion process to manufacture large, one-piece primary structures, and a Resin Transfer Moulding process to produce wing spoilers.

Areas of expertise:

- Design, test, manufacturing and assembly integration.
- Complex aluminium and advanced composite manufacturing solutions.
- Advanced automation processes.
- 60 years' experience in Maintenance, Repair and Overhaul (MRO) services - including repair, overhaul, modifications, parts supply, exchange, and leasing for nacelles, radomes, flight control surfaces, and composite structures across diverse aircraft platforms.
- Expertise in advanced materials being utilised to develop lightweight and aerodynamically efficient products for more sustainable mobility solutions, including for application to Space and Defence.



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)

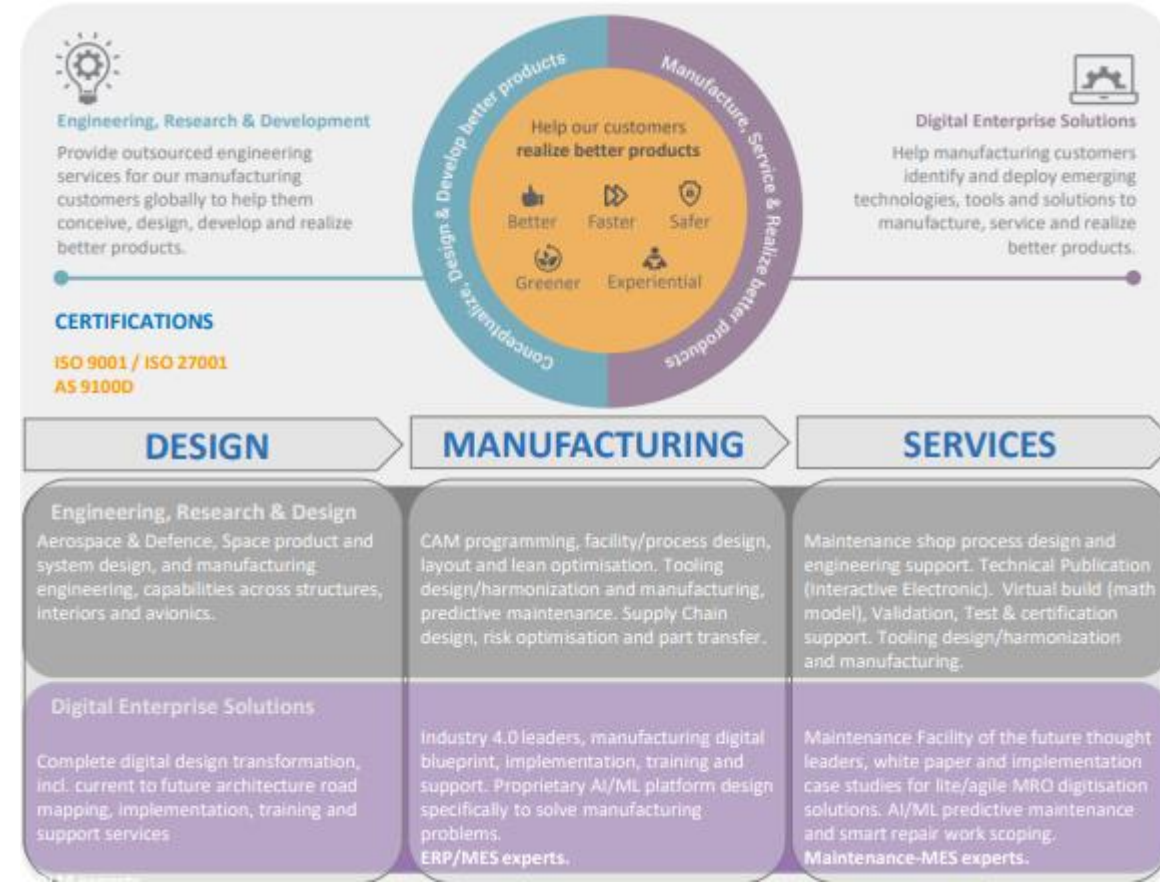
India (Headcount: 7470) - New Delhi, Blue Ridge & Hinjawadi - Pune, Bengaluru, Thane

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:

Roger Farré Gascon
 Key account manager
 E: Roger.farre-gascon@tatatechnologies.com

Contact:

Mike Garbett
 Aerospace Director
 E: Mike.garbett@tatatechnologies.com

Address:

2 Av. Escadrille Normandie Niemen
 31700 Blagnac - FRANCE

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 Claening | Swab Etching | Painting | Part Marking |
| AIRBUS | UK | Qualified | Qualified | 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 | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified |
| BOEING | Civil | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified |
| | Defence | Qualified | Qualified | FSDA | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified |
| DASSAULT AVIATION | All | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified |
| GE Aerospace | Engines | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified | Qualified |
| HAL | 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

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

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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.



GORE-FLIGHT Microwave Assemblies



GORE SKYFLEX Aerospace Materials



GORE High Data Rate Cables
for Aerospace & Defense

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

Contact

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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 | X | X | X | | | X | X | | | | | | | X | |
| Dynamic Aerospace Fabrications | | | | | | X | X | | | | X | | | X | |

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|------------------------|------------|---------|-----------------------------|-----------|------------------|---------------|---------------------|----------------------|------------------|---------|------------|----------|-------------------|---------|-------|
| 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

