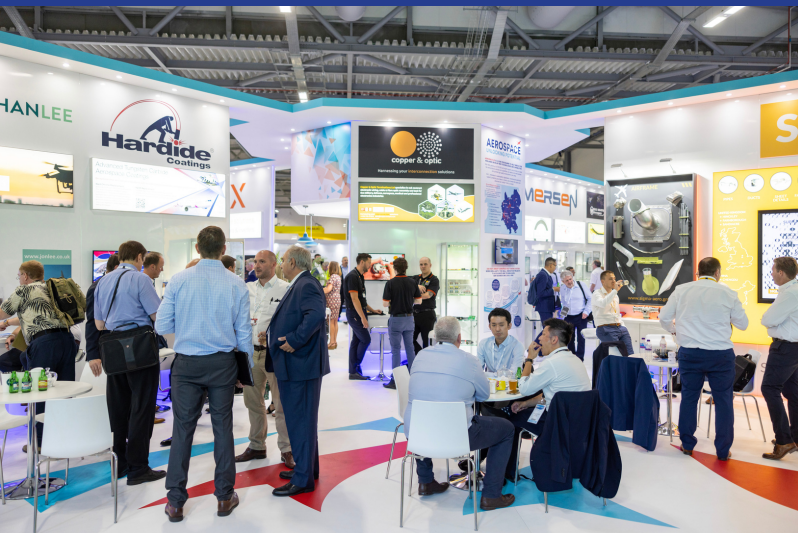




midlands aerospace alliance

Exhibitor Capabilities Directory

Paris Airshow 2023



54th INTERNATIONAL
PARIS AIR SHOW
LE BOURGET
JUNE 19-25, 2023





midlands aerospace alliance

Stand F172, Hall 2B

Introduction

We look forward to welcoming you to our stand in the UK Pavilion, where you'll discover the latest innovations, products, solutions and capabilities from across the aerospace supply chain.



Please take some time to review our exhibiting companies capabilities in this directory.

Join us and our exhibiting companies on
Wednesday 21 June for our UK Pavilion
Networking Reception on our stand at 15:00.

Stand F172, Hall 2B

ASG Group

Unit 4G, Aurora Business Park, Gorseley Bank Rd, Stockport, SK3 0EF

Contact: David Gregory, Sales Manager

Email: info@aeroservicesglobal.com, **Tel:** +44 (0) 161 883 3627

Website: asg.group.co

Company capabilities

ASG Group is a trusted supplier of turnkey, multi-discipline manufacturing solutions to prestigious OEM's and their supply chains.

Core competencies include;

- Precision CNC machining of prismatic, short and long bed components (up to 4.5m long)
- In-house NADCAP approved surface treatments of hard, soft & exotic metal components
- Speed shop supporting UOR / AOG requirements
- Assembly/sub-assembly capable
- Well versed in NPI process and APQP principles
- Deploy lights-out machining, automation and SC21 continuous improvement programme providing competitive on-time, quality solutions
- Supply Chain Management and single point of contact for project management and delivery of strategic work packages
- Large turnkey tooling solutions



Stand F172, Hall 2B

CloudNC

10 Clock Tower Retail Park, Westway, Chelmsford, CM1 3FJ

Contact: Daniel French, Business Development Manager

Email: daniel.french@cloudnc.com, **Tel:** 020 3966 8379

Website: <https://cloudnc.com/>

Company capabilities

CloudNC develops advanced software that reinvents manufacturing for everyone.

Our AS9100D accredited factory manufactures components in the UK for global Aerospace, Defence, Automotive and Energy companies.

We're here to elevate an entire industry and put manufacturing back at the cutting edge. We can help you produce the components you need, reliably and competitively.

To arrange to meet CloudNC at the airshow contact:
daniel.french@cloudnc.com



Stand F172, Hall 2B

Darchem Engineering

Ironmasters Way, Stillington, Stockton-on-tees, TS21 1LB

Contact: Jamie Beale, Business Development Manager

Email: jamie.Beale@darchem.com, **Tel:** +44 (0) 7970 813067

Website: www.darchem.com

Company capabilities

Darchem Engineering has a unique combination of capabilities which enable it to broadly serve various specialist sectors to the highest standards.

We manufacture complex fabrications in stainless steel and various exotic materials e.g. Inconel, alloys, titanium. Accommodating any size of project from single development items to high volume batches. We are a leading designer and manufacturer of thermal insulation products to protect key aircraft systems, using a combination of high performance materials and capable of ranging from low temperature hot air conveyancing $>300^{\circ}\text{C}$ to high temperature fire shielding $>1100^{\circ}\text{C}$. We support engine and aero structure system needs with bespoke solutions to meet the customers requirements.

To arrange to meet Darchem Engineering at the airshow contact:
jamie.Beale@darchem.com



Stand F172, Hall 2B

Dynamic Metals

40 Eden way, Chartwell Business Park, Leighton Buzzard, LU7 4FY

Contact: Michael Gregory, Account Manager

Email: sales@dynamicmetalsltd.co.uk, **Tel:** +44 (0) 1525 217 556

Website: www.dynamicmetalsltd.com

Company capabilities

Independent stockholder, supplying aerospace grade metals to many industry sectors worldwide from our distribution centre.

With competitive pricing, short lead times, personal service and no minimum order quantity, our customers buy from us with confidence, knowing that we can meet their unique requirements and deliver on time.

To arrange to meet Dynamic Metals at the airshow contact:
sales@dynamicmetalsltd.co.uk



Stand F172, Hall 2B

G&O Springs

Broadground Road, Lakeside, Redditch, Worcestershire, B98 8YP

Contact: Steve Boyd, Managing Director

Email: sales@springs.aero, **Tel:** +44 (0) 1527 523764

Website: www.springs.aero

Company capabilities

Highly skilled collaborative teams delivering innovative safety critical total life spring solutions.

A precision spring designer & manufacturer for aerospace and safety critical applications.

Approvals held: AS9100, NADCAP (Heat treatment, Mechanical Testing, Chemical Processing and Non-Destructive Testing).

To arrange to meet G&O Springs at the airshow contact:
sales@springs.aero



helix

Stand F172, Hall 2B

Helix

Merlewood Drive, Shenley Wood, Milton Keynes, MK5 6GR

Contact: Stuart Jaycocks, Head of Marketing

Email: sjaycocks@ehelix.com, **Tel:** +44 (0) 1908 278600

Website: www.ehelix.com

Company capabilities

Helix designs and manufactures the world's most power-dense, compact and efficient electric powertrains.

Established in 1999 as Integral Powertrain, a recent company rebrand encompass the unique Helix Scalable Core Technology (SCT) and Flexible Manufacturing Facility.

Critical to aerospace, high torque and power density, efficiency, robustness, and reliability are central to the Helix motor philosophy. Already active in the aerospace sector, Helix delivers machines through three strategic product levels, while Helix SCT ensures customers access to proven, world-class technology. Founded on innovation, Helix today concentrates its pioneering focus within X-Division, an advanced technology development group creating next-generation solutions to emerging requirements.

To arrange to meet Helix at the airshow contact:
sjaycocks@ehelix.com



Stand F172, Hall 2B

Hempel Special Metals

403/404 Bretton Park Ind Est, Dewsbury, West Yorkshire, WF12 9BS

Contact: Ben Wood, Managing Director

Email: ben.wood@hempel-metals.com, **Tel:** +44 (0) 1924 488585

Website: hempel-metals.co.uk

Company capabilities

Service provider to the aerospace and defence industry. Coordinating local supply from our 12 global locations. Supply and service solutions in special metals.

We offer coil, sheet, plate, bar, tube and profiles in titanium, nickel alloys and stainless steel. Raw materials from stock or bespoke semi-finished products from our global service centres. We hold international aerospace accreditations and relevant OEM certification. An international group of companies offering flexible, knowledge based local service with a world of resources, delivered precisely in partnership with our customers.

To arrange to meet Hempel Special Metals at the airshow contact:
ben.wood@hempel-metals.com



Stand F172, Hall 2B

HR Smith Group

Street Court, Kingsland, Herefordshire, HR6 9QA

Contact: John Evans, Business Development Manager

Email: johnevans@hr-smith.com, **Tel:** +44 (0) 1568 708 744

Website: www.hr-smith.com

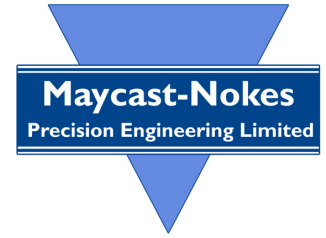
Company capabilities

The HR Smith Group of Companies is an independent avionics manufacturing company which has been serving the aircraft industry for over 50 years.

HR Smith has capabilities in airborne antennas, static dischargers, radomes, emergency locator transmitters, homing systems and avionics test sets. All products are manufactured by a dedicated team of professionals at our UK and US facilities, offering a wide range of solutions for both commercial and military applications.

The HR Smith Group of Companies has full quality certification including BS EN ISO 9001:2008, EN9100:2003, AS9100 Rev B, CAA Part 21 and CAA/EASA Part 145.

To arrange to meet HR Smith Group at the airshow contact:
johnevans@hr-smith.com



Stand F172, Hall 2B

Maycast-Nokes Precision Engineering

Factory Lane West, Halstead, Essex, CO9 1EX
Contact: Simon Gill, Business Development Manager
Email: sgill@maycast.co.uk, **Tel:** +44 (0) 1787 477021
Website: www.maycast.co.uk

Company capabilities

Maycast-Nokes is an established aerospace foundry specialised in the production of castings manufactured using precision sand, investment/lost wax or gravity die techniques.

On site facilities include casting simulation, pattern making, heat treatment, non-destructive testing, and 5-axis machining enabling the supply of fully finished castings, ready for assembly.

Approvals include AS9100 Rev D, ISO9001 and NADCAP for Heat Treatment and NDT (PFD and XRAY).



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MJ SECTIONS LTD
PRECISION FORMED AND MACHINED COMPONENTS FOR AEROSPACE

MJ Sections

Marriott Road, Netherton, Dudley, West Midlands, DY2 0JZ

Contact: Steve Cresswell, Commercial Manager

Email: sales@mjsections.co.uk, **Tel:** +44 (0) 1384 230444

Website: www.mjsections.co.uk

Company capabilities

We have been engineering innovation for over 40 years in the aerospace industry, focusing on in house engineering knowledge, customer collaboration, expansion of skills, reducing lead times and cost.

We manufacture gas turbine jet engine components for military and civil aircraft including heat shields, honeycomb rings, combustion casings, seals, interstage seals, ducting, pipe connectors, machined parts and fabricated sheet metal assemblies, our USP is: simple and complex rolled formed sheet metal rings where multiple rings can be assembled/joined together by welding or brazing, removing the need for expensive forgings.

AS9100 and NADCAP approved.

To arrange to meet MJ Sections at the airshow contact:
sales@mjsections.co.uk



Stand F172, Hall 2B

Prince & Izant Company

12999 Plaza Drive , Cleveland OH 44130, United States

Contact: Nancy Faulhaber, VP Marketing

Email: request@princeizant.com, **Tel:** +1 216 362 7000

Website: princeizant.com

Company capabilities

Prince & Izant Company is an AS9100 US manufacturer & global supplier of brazing alloys & precious metals.

We specialize in brazing consumables, including pre-sintered preforms & brazing alloys to AMS standards (gold-, silver-, nickel-, cobalt-based filler metals). We manufacture Pt pins for turbine castings.

P&I is flexible in providing inventory & stocking options for manufactured products ensuring fast lead times & offers long-term fixed or floating pricing for precious & non-precious metals.

Our engineering team partners with customers, providing braze support & design recommendations for cost reductions & optimized throughput. LCS Approved Pratt & Whitney | GE Aviation S-1000 & S-1005 | GE Yellow Pages Supplier Code 70401.

To arrange to meet Prince & Izant Company at the airshow contact:
request@princeizant.com



SANGHA
M E T R O L O G Y

Stand F172, Hall 2B

Sangha Metrology

6VM1 Victoria Mills, Salts Mill Road, Saltaire, BD17 7EE

Contact: Mohan Sangha, Director

Email: sales@sanghametrology.com, **Tel:** +44 (0) 770 8967805

Website: www.sanghametrology.com

Company capabilities

For thirty years, Sangha Metrology have been world-class manufacturers of metrology instruments including three point bore gauges and portable hardness testers.

Offering unrivalled versatility, sangha gauges can be retrofitted to mitutoyo and bowers handles with interchangeable dial indicators and digital readouts. Sangha are the manufacturer of the patented trugal universal bore gauge calibration system which is a valuable asset in any metrology testing laboratory.

To arrange to meet Sangha Metrology at the airshow contact:
sales@sanghametrology.com



Stand F172, Hall 2B

Sigma Components UK

Alan Bray Close, Dodwells Industrial Estate, Hinckley, LE10 3BP

Contact: Mark Lambert, Business Development Director

Email: mark.lambert@sigma-aero.group, **Tel:** +44 (0) 7833 595213

Website: www.sigma-aero.group

Company capabilities

Sigma manufactures rigid pipes, ducting, fabrications, sub-assemblies, sheet details and machined parts for the airframe, power & systems and services sectors at our facilities in the UK and China.

We offer fully Nadcap accredited supporting services such as welding, surface treatments, NDT, specialist finishing, and we have the capability to manufacture our own tooling. With our cross-site customer approvals we are able to provide internal dual-source capability and a vertically integrated supply chain.

The Sigma team look forward to meeting you at the show.

To arrange to meet Sigma Components UK at the airshow contact:
mark.lambert@sigma-aero.group

Stand F172, Hall 2B

Silcoms

Piggott Street, Bolton, BL4 9QN

Contact: Clive Winby, Commercial Director

Email: clive.winby@silcoms.co.uk, **Tel:** +44 (0) 1204 466070

Website: www.silcoms.co.uk

Company capabilities

Silcoms Ltd is a leading supplier of machined rings to the aero engine industry.

Rings, casings, seals, shrouds and segments are supplied to customers in Europe, Asia and North America, including Rolls-Royce, Kawasaki, Spirit Aerospace and Siemens. Lean techniques and the latest CNC 5 axis technology are used throughout.

We specialise in producing complex rings from nickel 'superalloys', titanium, stainless steel, and aluminium. The company's core competence is for components in the size range 300mm diameter to 1800mm diameter. Silcoms offers a complete service including, design and procurement of forgings, kitting and NADCAP approved, treatments and sub-tiers.



Stand F172, Hall 2B

Spincraft | Standex ETG

9 Shelley Road, Newburn Industrial Estate, Newburn, NE15 9RT

Contact: Steve Ireland, Director of Business Development - Aviation

Email: sales@standexetg.com, **Tel:** +44 (0) 191 267 1011

Website: www.standexetg.com

Company capabilities

Spincraft, a Standex Engineering Technologies Group company, leverages advanced metal forming technologies to manufacture single-source solutions for the aerospace, defence and energy sectors.

Our business is comprised of two locations in the Newcastle area, as well as two U.S. sites near Boston, MA and Milwaukee, WI. We use spin forming, expansion forming and other processes to form today's most advanced materials to the exacting needs of our customers and their suppliers. Spincraft solutions offer pathways to the most cost-effective near-net solutions via reduced material input, part count and complexity while achieving complex geometries and tight tolerances.

To arrange to meet Spincraft | Standex ETG at the airshow contact:
sales@standexetg.com



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SPOTLESS
AI LIMITED

Spotless AI

E-Innovation Centre Telford Innovation Campus, Priorslee, Telford, Shropshire, TF2 9FT

Contact: Kesava Jawaharlal, CEO / Director

Email: kesava@spotless.ai, **Tel:** +44 (0) 7765221740

Website: www.spotless.ai

Company capabilities

At Spotless AI, we are designing and developing an AI powered UVC light-based disinfection robot, the Flight-Saber, specifically for disinfecting aircrafts thoroughly in a very short duration.

Flight-Saber is fully powered by a smart AI brain which guides it to do an efficient disinfection backed by data and enormous hours of careful training in our facilities. Flight-Saber is designed to fit in any aircraft and any configuration of the cabins inside. Flight-Saber can disinfect the entire aircraft, be it A380 or Dreamliner or a Gulfstream 650, in a matter of minutes.

To arrange to meet Spotless AI at the airshow contact:
kesava@spotless.ai



Stand F172, Hall 2B

The Structural Battery Company

1 Medway Court, Cranfield, Bedfordshire, MK43 0FQ

Contact: John Moffat, Founder and Director

Email: shona@thestructuralbatterycompany.com, **Tel:** +44 (0) 7490 190029

Website: www.thestructuralbatterycompany.com

Company capabilities

The SB Co provides tailored battery solutions for your EV requirements.

We work across aerospace, automotive, defence, maritime and motorsport industries providing solutions that are tailored to our customers' needs.

Our product is a structural battery, an energy source for electric vehicles, which is an integrated part of the structure of the vehicle and contributes substantially to its strength.

The product consists of a hexagonal array of cylindrical cells, between layers of insulation and busbar, constructed in such a way that the array of cells behaves like the honeycomb in a conventional sandwich panel.

To arrange to meet The SB Co at the airshow contact:
shona@thestructuralbatterycompany.com



Stand F172, Hall 2B

University of Nottingham Institute for Aerospace Technology (IAT)

Aerospace Technology Centre, Jubilee Campus, Triumph Road, Nottingham, NG7 2TU

Contact: Tanja Siggs, Programme Manager

Email: tanja.siggs@nottingham.ac.uk, **Tel:** +44 (0) 7773 033185

Website: www.nottingham.ac.uk/aerospace

Company capabilities

The University of Nottingham's Institute for Aerospace Technology (IAT) is a major centre for aerospace research and development.

We work in partnership with regional, national and global aerospace companies and aviation leaders to develop net zero, clean aviation technologies.

Our ambition and world-leading capabilities and facilities makes the IAT a partner of choice in five key areas:

- Aerospace Electrification
- Future Propulsion
- Aerospace Manufacturing
- Aerospace Materials and Structures
- Aerospace Operations

To arrange to meet IAT team at the airshow contact:
tanja.siggs@nottingham.ac.uk



Stand F172, Hall 2B

VRCO

Building 3(9) - Airvolution House, Chiswick Business Park,
566 Chiswick High Road, London, W4 5YA

Contact: Andy Bothwell, Press & Media

Email: info@vrco.co.uk, **Tel:** +44 (0) 1332 742 838

Website: www.vrco.co.uk

Company capabilities

VRCO headquartered in West London, is the developer of the Xcraft range of fully electric (& hybrid) VTOL aircraft including the XP4, a four-person platform for private ownership.

The range includes the XPC cargo drone intended for high volume same hour same day delivery services.

In addition to aircraft the company operates training for its owners and academy members throughout the UK, in Madrid, Milan and South of France.

Several infrastructures projects are underway to provision owners with convenient landing and take-off options. Proprietary software is used in vertiport and airspace design and operation.

World first partnerships with Silent Yachts and Pelorus will offer unrivalled adventure travel in a luxury format.

To arrange to meet VRCO at the airshow contact:
info@vrco.co.uk



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Stand F172, Hall 2B

Wallwork Heat Treatment

Lord Street, Bury, Greater Manchester, BL9 0RE

Contact: Howard Maher, Group Sales Manager

Email: howard.maher@wallworkht.com, **Tel:** +44 (0) 161 7979111

Website: www.wallworkht.co.uk

Company capabilities

With Nadcap accreditation, Rolls Royce, Airbus, Boeing, Bombardier and other prime approvals, Wallwork Group is a European centre of excellence for aerospace thermal treatments, vacuum brazing and PVD coating services on components such as compressor blades, blisks, disks, bearings, fasteners, honeycomb seals and more.

Wallwork offers 24/7 processing, laboratory facilities and mechanical testing staffed by our experienced inhouse team.

To arrange to meet Wallwork Heat Treatment at the airshow contact:
howard.maher@wallworkht.com