SHAPING AND SUPPORTING OUR INDUSTRY...
As a member of the NWAA, welcome to the 2012/2013 edition of the North West Aerospace Alliance guide to member capabilities.

The NWAA is continuing its development as an organisation to offer products and services to its membership, representative of the expectations, needs and quality demanded of the UK aerospace industry.

With the aerospace supply chain evolving to reflect the emerging civil aerospace markets of the far and middle east, and the evolving strategies of national and international defence markets, it is vital that the NWAA continually recognises the services its members are seeking to support this evolution.

The civil aerospace market is in growth whilst defence remains somewhat flat. Through the national Aerospace Growth Partnership the strategy to ensure UK aerospace maintains its position as second only to the United States is being developed. Strands of this work include skills, technology and supply chain and there are strong signals from Government that aerospace and advanced engineering figure highly in the balanced economy and that all these elements need nurturing and investment to thrive in the face of global competition.

We need as an industry to capitalise on this increased support by demonstrating our collective capability.

The supply chain is beginning to recognise the value of collaboration, and this guide will assist in identifying capability.

The NWAA is developing collaborative processes as part of its supply chain development work in order to offer opportunities to challenge for the larger work packages being made available through the primes and tier 1 companies.

I would encourage you to engage with the NWAA, to take advantage of the wide range of services we can offer. Some of our products are unique and we offer the strongest centre of aerospace supply chain expertise of any aerospace association in Europe and probably beyond.

We look forward to a long and productive relationship.

Martin Wright
CEO, NWAA
<table>
<thead>
<tr>
<th>CONTENTS</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISLE OF MAN COMPANIES</td>
<td>7</td>
</tr>
<tr>
<td>ACADEMIA</td>
<td>17</td>
</tr>
<tr>
<td>AVIATION SYSTEMS &amp; INSTALLATIONS</td>
<td>21</td>
</tr>
<tr>
<td>COMPOSITES</td>
<td>25</td>
</tr>
<tr>
<td>COMPUTER SYSTEMS &amp; SIMULATION</td>
<td>33</td>
</tr>
<tr>
<td>CONSULTANTS</td>
<td>39</td>
</tr>
<tr>
<td>DESIGN &amp; ENGINEERING</td>
<td>45</td>
</tr>
<tr>
<td>ELECTRICAL &amp; ELECTRONICS</td>
<td>75</td>
</tr>
<tr>
<td>FABRICATION</td>
<td>79</td>
</tr>
<tr>
<td>MACHINING</td>
<td>83</td>
</tr>
<tr>
<td>MANUFACTURING</td>
<td>103</td>
</tr>
<tr>
<td>MAINTENANCE, REPAIR &amp; OVERHAUL</td>
<td>115</td>
</tr>
<tr>
<td>OTHERS</td>
<td>119</td>
</tr>
<tr>
<td>PROCESS TREATMENTS</td>
<td>135</td>
</tr>
<tr>
<td>RAW MATERIALS, FORGINGS &amp; CASTINGS</td>
<td>145</td>
</tr>
<tr>
<td>ROBOTICS, AUTOMATION &amp; TOOLING</td>
<td>149</td>
</tr>
<tr>
<td>STOCKISTS &amp; DISTRIBUTORS</td>
<td>155</td>
</tr>
<tr>
<td>MEMBER A-Z INDEX</td>
<td>161</td>
</tr>
</tbody>
</table>
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www.aerospace.co.uk
“The strategic partnership that the Isle of Man Aerospace Cluster has with the North West Aerospace Alliance gives our members access to one of the most dynamic and important aerospace clusters in Europe and the access to the NWAA that our members enjoy has proved vital in helping us achieve our objectives.”

Adrian Moore
Chairman, IOMAC
A-Z

ISLE OF MAN COMPANIES

Isle of Man Aerospace Alliance
Cloud Nine Ltd

Address: 6 Rhenwyllan Close
Port St Mary
Isle of Man
IM9 5NH

Tel: +44 (0) 1624 834843
Fax: +44 (0) 1624 834843
Email: cloud-nine@manx.net
Contact: Adrian Harrison
Position: Managing Director

Capability: Design & Engineering, Maintenance Repair & Overhaul

Bringing Quality Business Solutions to Life - we specialise in creating bespoke, robust and workable business solutions in the areas of customer satisfaction (Quality systems including ISO9001 and AS9100), Health & Safety, staff development, motivation and leadership so all become the way of working as opposed to just something else tried.

The solutions we offer can range from simple procedural/ways of working improvements through to systemic and cultural change involving all employees. Training can be provided on all related subjects to help ensure competency and sustainability of change and we achieve this by taking some of the more dry subjects and showing them as value adding in an easy, fun and comprehensible way.

CVI Technical Optics Ltd

Address: Second Avenue
Onchan
Isle of Man
IM3 4PA

Tel: +44 (0) 1624 647000
Fax: +44 (0) 1624 676859
Email: hkessler@cvimellesgriot.com
Website: www.cvimellesgriot.com
Contact: Dr Helmut Kessler
Position: General Manager

A leading manufacturer of precision optical components and systems from the UV to the IR range as well as a range of lasers and related instrumentation.

Products range from optics of 1mm diameter to more than 500mm in diameter with flatnesses up to lambda/200 for air-spaced etalons. The laser damage threshold of the optical components manufactured is among the highest in the world.

All optics can be tested to military specifications. Local and European optical design capabilities allow a quick response to specific customer requirements.

Operating a number of manufacturing and distribution sites around the globe, the company is able to provide local support on a global basis.
EAM Ltd

Address:  Hangar 5
         Ballasalla Ronaldsway Airport
         Isle of Man
         IM9 2AY

Tel:    +44 (0) 1624 826902
Fax:    +44 (0) 1624 826901
Email:  chris@eamiom.co.uk
Website: www.waslmc.co.uk

Contact:  Chris Astley
Position:  Director

Regional Turboprop MRO, MCC and line support.

Ebis Engineering & Plastics

Address:  Hills Meadow
          Douglas
          Isle of Man
          IM11 5EB

Tel:    +44 (0) 1624 660971
Fax:    +44 (0) 1624 660972
Email:  ebis@manx.net
Website: www.ebis.co.im

Contact:  Ian Harrison
Position:  Director

Ebis is an injection moulding, toolmaking and precision engineering specialist with prototype, and large production tooling facilities with a capability for almost any polymer.

We currently have capability for turning, milling, ultrasonic welding and EDM facility. Moulding machinery from 5t to 250t.

All work is guaranteed to a high standard.
Element 6

Address: Isle of Man Freeport
P.O. Box 6
Ballasalla
Isle of Man
IM99 6AQ

Tel: +44 (0) 1624 821821
Fax: +44 (0) 1624 821916
Email: john.crinle@e6.com
Website: www.e6.com

Contact: John Cringle
Position: Supply Chain Manager

A prime supplier of synthetic single crystal diamond products for use in a wide range of cutting tools, wire drawing, die blank and wear part applications.

The Mono range is produced using advanced synthesis processes which provide a range of highly consistent engineered products.

Supplying fully engineered diamond products in volume with direct feed to line allows customers flexibility in production and stock holding.

GE Aviation

Address: School Road
Onchan
Isle of Man
IM3 4PB

Tel: +44 (0) 1624 692000
Fax: +44 (0) 1624 692035
Email: chris.allen3@ge.com
Website: www.ge.com/aviation

Contact: Chris Allen
Position: General Manager

As part of the structures and machining centre of excellence, GE Aviation Isle of Man produces components and assemblies for the mechanical systems sub division of GE Aviation.

These products comprise mechanical, electro-mechanical and hydraulic actuation systems for aerospace and defence applications.

The business has the capability for a range of machining disciplines, heat and surface treatments and assembly and test operations, supported by complementary supply chain management and programme management capability.
JB Precision Systems (IOM) Ltd

Address: Stakhanovite House
Upper Rencell
Laxey
Isle of Man
IM9 2AH

Tel: +44 (0) 1624 824203
Fax: +44 (0) 1624 825750

Email: marc@jbps.co.uk
Website: www.jbps.co.uk

Contact: Marc Fagan
Position: Managing Director

Precision engineered components, specialising in low volume (1 - 25) high precision components.

Kiartys Limited

Address: Unit 3 Portside
Balthane Industrial Estate
Ballasalla
Isle of Man, IM9 2AJ

Tel: +44 (0) 1624 825023
Fax: +44 (0) 1624 827165
Email: sales@kiartys.com
Website: www.kiartys.com

Contact: Steve Riding
Position: Director

Precision engineered components to customer specification. 3 and 5 axis milling machines, Mill/Turn Lathe, EDM.

Specialising in prototyping, pre-production and production manufacture.

Toolmaking services, jigs and fixtures.
Manx Engineering

Address: Gladstone Business Park
Ramsey
Isle of Man
IM8 2LA

Tel: +44 (0) 1624 817600
Fax: +44 (0) 1624 817600
Email: sales@manxengineers.com
Website: www.manxengineers.com

Contact: Martyn Perkins
Position: Director

Manx Engineers was founded in 1945 and is a small, lean supplier of CNC machined components and assemblies.

Our main customer base includes Aerospace, Defence, Medical and Subsea companies.

Manx is approved by BSI to AS:EN 9100
EN ISO 9001 : 2008

Moynihan Precision Engineering

Address: Unit KB1
Balthane Industrial Estate
Ballasalla
Isle of Man
IM9 2AH

Tel: +44 (0) 1624 822868
Fax: +44 (0) 1624 822868
Email: sales@mrltd-iom.com
Website: www.mrltd-iom.com

Contact: Steve Moynihan
Position: Managing Director

Capability: Design & Engineering

The company is well established in the design and production of special purpose machines including high speed assembly, product life testing, measuring & gauging equipment, vision systems and high pressure product testing.

The company has also produced prototype and projection mouldings for companies including Ricardo and Honda UK.
Palstave

Address: 12 - 14 Ridgeway Street
Douglas
Isle of Man
IM1 1EM

Tel: +44 (0) 1624 679528
Fax: +44 (0) 1624 667862
Email: enquiries@palstave.com
Website: www.palstave.com

Contact: John Staines
Position: Sales Administration Manager

At Palstave, we take advantage of our extensive network in Europe and Asia of steel mills and engineering houses to offer customers a large range of supply from material procurement to finished product.

We specialise in small bespoke orders, designed by you and manufactured to the highest degree of accuracy and quality.

All our suppliers and production facilities comply with our strict quality standards and we regularly make use of third party inspectors should our customers require an added level of assurance.

Precimatic Limited

Address: Balthane Industrial Estate
Ballasalla
Isle of Man

Tel: +44 (0) 1624 823030
Fax: +44 (0) 1624 824600
Email: precimatic@manx.net

Contact: Gerry Meechan
Position: Managing Director

Precimatic offer a sub-contract precision machining service to customers requiring quality assurance approval to BS EN 9100:2003, ISO 9001:2008 and assessed in accordance with EN 9104-P1.

We currently supply high quality machined components to the aerospace, defence, laser, optical, mining and sub-sea industries.

Batch size 1 off (AOG spares) to 100’s off (contracted call off) are produced by our highly skilled engineers on multi-axis CNC turn-mill/machining centres.

A Redthorn Production control system and bonded stores ensures full traceability of production processes and material.
Swagelok Ltd

Address: Ballafletcher Road
Douglas
Isle of Man
IM4 4RA

Tel: +44 (0) 1624 692800
Fax: +44 (0) 1624 626460
Email: david.hester@swagelok.com
Website: www.swagelok.com

Contact: David Hester
Position: General Manager

Capability: Machining

Swagelok Ltd is a provider of fluid system technologies and an aerospace manufacturer with a 40 year track record.

Competencies include critical, complex, sensitive mill turned and prismatic parts. Headquartered in Solon, Ohio, USA,

Swagelok Company is a major developer and provider of fluid system solutions.

Target Aerospace

Address: 7 Spring Valley Trading Estate
Braddan
Isle of Man
IM2 2QT

Tel: +44 (0) 1624 694747
Fax: +44 (0) 1624 694777
Email: sales@target-aerospace.co.uk
Website: www.target-aerospace.co.uk

Contact: Simon Radcliffe
Position: Director

Capability: Stockists/Distributors

Machine tool supplies. Stock inventory control. Integration and supply chain management.

Consignment stock administration.

Key project solutions. Tooling solutions for the aerospace industry.
Zenith Industrial Products

Address: 38 Spring Valley
Braddan
Douglas
Isle of Man
IM2 2QS

Tel: +44 (0) 1624 624056
Fax: +44 (0) 1624 662073
Email: mark-zenith@advsys.co.uk
Website: www.zenithindustrialproducts.co.uk

Contact: Mark Morgan-Jones
Position: Director

Stockists of engineering products e.g. Cutting tools, welding products, fasteners, power tools, health & safety products and work wear.

Troy UK member - air products industrial gases stockists.

The Isle of Man is host to one of the most agile and dynamic clusters of aerospace and engineering companies in and around the UK region.

Established in 2006, the Cluster is a joint initiative by the Isle of Man Department of Economic Development and the island’s Chamber of Commerce.

Working in collaboration with the North West Aerospace Alliance, it is directly linked to one of Europe’s largest and most proactive Aerospace Clusters.
NWAA has done some incredible work in engaging the supply chain within the region that will enable the North West aerospace industry to become a world leader.

John Leake,
Daresbury Science & Innovation Centre
A-Z

NORTH WEST COMPANIES

ACADEMIA

North West Aerospace Alliance
Deeside College has had links with the Aerospace industry for over 50 years. The Aerospace sector has been the leading organisation in Europe for supporting Apprenticeships for many years and continue to be Sector Leading in terms of offering young people the opportunity to develop ‘life’ and Engineering skills to an excellent level.

Deeside College work with a vast number of companies both large and small and are the main provider of Aerospace manufacturing/maintenance training in the UK. Areas of training include Aircraft Manufacturing, Aircraft Systems, Composites and Aircraft Maintenance to EASA standards.
The School of Business & Creative Technologies provides expertise and assistance in utilising the latest technologies to improve business performance.

We provide in-depth assistance in the areas of IT, supply chain management, procurement, operations management, inventory management, cost control, quality management/standards, knowledge management, CRM and other related areas.
The University of Manchester is one of the largest in Europe and one of 20 Russell Group universities within the UK, indicating our commitment to the highest levels of academic excellence in both our outstanding research portfolio, internationally renowned teaching courses and world class facilities but we also have a strong role and influence within our regional and local community.

A-Z

NORTH WEST COMPANIES AIRCRAFT SYSTEMS & INSTALLATION

North West Aerospace Alliance
North West Aerospace Alliance

**North West Aerospace Alliance**

**Edward Dewhurst Ltd**

**Address:** Unit C3, Anchorage Business Park  
Chain Caul Way  
Preston Riversway Docklands  
Preston  
Lancashire  
PR2 2YL

**Tel:** +44 (0) 1772 761777  
**Fax:** +44 (0) 1772 761666  
**Email:** derekb@edewhurst.com  
**Website:** www.edewhurst.com

Contact: Derek Bannister  
Position: Airfield Services Sales Manager


Active at all UK and Ireland Airports and Airfields both Civil and Military.

**Aircraft Systems & Installations**

**North West Aerospace Alliance**

**SAFRAN Aircelle**

**Address:** Bancroft Road  
Burnley  
Lancashire  
BB10 2TQ

**Tel:** +44 (0) 1282 419300  
**Fax:** +44 (0) 1282 419301  
**Email:** joe.hodkinson@aircelle.com  
**Website:** www.aircelle.com

Contact: Joe Hodkinson  
Position: Purchaser

Research, design and final manufacture of nacelle structures.  
Manufacturing focuses on composites and assembly activities.  
Part of the Safran Group.
## Aircraft Systems & Installations

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gandtrack Ltd</td>
<td>56</td>
</tr>
<tr>
<td>Ionix Systems Ltd</td>
<td>59</td>
</tr>
<tr>
<td>Macclesfield College</td>
<td>18</td>
</tr>
<tr>
<td>Morson Projects</td>
<td>63</td>
</tr>
<tr>
<td>OCF PLC</td>
<td>36</td>
</tr>
<tr>
<td>Senior Aerospace BWT</td>
<td>67</td>
</tr>
<tr>
<td>Woodford Engineering Consultancy (UK) Ltd</td>
<td>71</td>
</tr>
<tr>
<td>Xtron Systems Ltd, t/a Acoustic Applications</td>
<td>72</td>
</tr>
</tbody>
</table>
“The content and structure of the ASCE programmes have been developed by the NWAA Team in conjunction with both primes and SME’s and captures not only the vision, but provides a solid route map and tools to reach it.”

Norman Thompson
Head of Supply Chain & Quality, Airbus UK
A-Z

NORTH WEST COMPANIES

COMPOSITES

North West Aerospace Alliance
North West Aerospace Alliance

Attwater & Sons Ltd

Address: Hopwood Street Mills
Preston
Lancashire
PR1 1UN

Tel: +44 (0) 1772 258245
Fax: +44 (0) 1772 203361
Email: info@attwater.com
Website: www.attwater.com

Contact: Rachael Kennedy
Position: Sales Director

Attwater & Sons Ltd specialise in the production and supply of high performance, high integrity thermoset laminates and composites.

These can be supplied in sheet, tube or rod form with the ability also to develop advanced bespoke material combinations to suit customer defined requirements.

Extensive CNC Machining capabilities are available. These materials are supplied for aerospace, defence, electrical, chemical, railway and general engineering applications.

Founded in 1969 and originally called Ambler Patterns, the company has since grown into a leading technology business specialising in the development and production of composite materials and tooling.

We combine traditional patternmaking skills with the latest CNC machining technology all in house to provide speed, flexibility and quality for our customers. We currently have 11 CNC machines ranging from 3 axis to 5 axis with bed size up to 3.5m x 2m x 1.7m. Operating out of a large modern industrial facility complete with over 25,000 sq ft of workshop space, the site has excellent motorway links.
Beagle Technology Group is a NADCAP approved manufacturer supplying major aircraft and defence OEMs such as BAE Systems, Rolls-Royce, GKN Aerospace, Airbus and General Dynamics producing major sheet metal fabrications, machined components and composite structures.

Beagle also operates an EASA 145 / FAA 145 civil repair station and has in-house design capability.
Denroy Plastics Ltd is a supplier of injection-moulded components and associated assemblies to the aerospace industry with a customer base that includes BAE Systems, Airbus, Bombardier.

Denroy provides a complete solution from design through to manufacture.

The company holds accreditation to ISO9001: 2000 and AS9100 from BSI (Cert No FM14106).

LPD Lab Services offers you access to a comprehensive array of chemical and materials analysis facilities backed up by experienced impartial professionals ready to provide solutions to your problems.

A sample of the analysis techniques we can offer include: SEM/EDX, XPS, HPLC, GC, FTIR, UV/vis, surface tension/contact angle.
Rolled Alloys was founded in 1953, since then we have enjoyed continuous growth through the expansion of our alloys offered, markets served, customer base, geographical growth and acquisitions.

We offer a global extensive inventory in plate, sheet, bar, pipe, fittings, forgings, flanges and welding materials in Nickel Alloys, Duplex Stainless Steels, Stainless Steels, Titanium and Cobalt Alloys. Rolled Alloys provides complete cutting and processing services which include laser, waterjet, plasma, shear, gauier, rod coil levelling, sheet levelling, and saws.

Solidstrip Plastic Abrasives are one of the world leaders in the supply of plastic abrasive product, used throughout the world in the application of removals of organic coatings and other difficult to remove coating on high value items within the aerospace industries.

Typical applications include: paint removal prior to crack detection. Coating removal in the refurbishment, repair and overhaul of aircraft airframe, structures and detail parts, weight reduction due to overcoating. Coating removal for cosmetic purposes.
We have the capability to cut a wide range of materials such as hard metals/soft metals from shim to a thickness of 200mm.

Having 10 machines with different configurations makes us very competitive as well as meeting customer delivery expectations.
Umeco is a name synonymous with innovation and service. Operating from facilities in Europe, North America and China, we develop, manufacture and supply innovative process materials and services to the composites industry, including vacuum bagging consumables, infusion materials, customised kitting and reusable vacuum systems. Alongside our technical expertise, we offer a truly customer first approach. We listen. We advise, then we respond by delivering innovative products custom formulated to meet our customers requirements. It’s what sets us apart from our competitors.
Washington Mills Electro Minerals Ltd

Address: Mosley Road
Trafford Park
Manchester
M17 1NR

Tel: +44 (0) 161 872 2974
Fax: +44 (0) 161 872 2974
Email: sales@washingtonmills.co.uk
Website: www.washingtonmills.com

Contact: Dave Parker
Position: Regional Market Manager

Manufacturers & distributors of electrically fused minerals. We offer a diverse product range including, Silicon Carbide, Fused Mullite, White & Brown Fused Alumina & other Speciality Minerals.

We also hold a wide range of Aerospace Approval including Rolls Royce and Pratt Whitney.
A-Z

NORTH WEST COMPANIES
COMPUTER SYSTEMS & SIMULATION

North West Aerospace Alliance
A world leading provider of physics based engineering simulation technology to the aerospace and defence industry. The aerospace and defence industries face a number of key challenges.

These include mitigating fuel price risk, safety and environmental regulations, increasingly complex products, competition from emerging markets, distributed supply chains, passengers demanding an improved in-flight experience, economic uncertainty, constrained budgets and an ageing technical workforce.

To survive and thrive in this environment, the industry is responding by investing in light weight materials such as composites, improved engine design, better dynamics and noise control.
FORCAM are a leading MES solutions provider. FORCAM adoption by the most prestigious global manufacturing companies and has led to proven short and long-term productivity gains.

Daimler, AUDI, BMW, MTU Aero, Schaeffler, Rheinmetall and Weir Minerals.

The adoption of this technology to global manufacturing facilities has increased their productivity of by up to 20%, measured in Overall Equipment Effectiveness (OEE).

GSS Avionics is rapidly becoming the leading name in the development of cutting edge software applications and tools to analyse, investigate, prototype and test avionics databus systems.

This in conjunction with our proven range of databus hardware products, give us the lead in providing total system solutions. Using our expert knowledge and working closely in partnership with our client base, we have developed a powerful set of industry leading tools that help and support avionics test engineers enabling them to work more effectively.

We create complete solutions by taking a partnership approach and our success comes from listening and understanding the needs of clients and delivering complete solutions.
OCF PLC

Address: Rotunda Business Centre
         Thorncliffe Park
         Chapeltown
         Sheffield, S35 2PG

Tel: +44 (0) 114 257 2200
Fax: +44 (0) 114 257 0022
Email: info@ocf.co.uk
Website: www.ocf.co.uk

Contact: Jerry Dixon
Position: Managing Director

OCF is a leading provider of high performance computing, storage and visualisation technologies that are highly relevant to the aerospace industry.

Whether it be providing the processing power for engineering applications such as CFD, storage for critical business data or immersive visualisation technologies for virtual prototyping, OCF has a proven track record in designing and implementing solutions for a wide range of clients.

We provide expert consultancy, scalable high performance server and storage clusters, Infrastructure as a Service through our enCORE proposition and file management system integrations.

Open Mind Technologies UK Ltd

Address: Bicester Business Centre
         Telford Road
         Bicester
         Oxfordshire
         OX26 4LD

Tel: +44 (0) 7515 294546
Fax: +44 (0) 1869 369429
Email: craig.walsh@openmind-tech.com
Website: www.openmind-tech.com

Contact: Craig Walsh
Position: Sales Manager

OPEN MIND Technologies develops advanced CAD/CAM solutions. These help to reduce programming time, machining time, increase tool life and produce components of the highest possible quality.

hyperMILL™ provides comprehensive and unique functionality for 3, 4 and 5-axis applications that is ideal for companies involved in the machining of aerospace components.
Redthorn supply manufacturing control software predominantly aimed at the sub contract engineering environment and custom build manufacturer.

Redthorn provide software solutions designed and supported in the UK which is developed solely for the engineering industry.

Theorem provides solutions to reduce costs of engineering and manufacturing departments when collaborating with business partners on a project by enabling you to share and work on data in incompatible CAD and Visualisation systems, and automating any bulk translation requirements to validate results.
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGTech Limited</td>
<td>27</td>
</tr>
<tr>
<td>EDM Ltd</td>
<td>52</td>
</tr>
<tr>
<td>Ferranti Technologies Ltd</td>
<td>53</td>
</tr>
<tr>
<td>Metrology Software Products Limited</td>
<td>62</td>
</tr>
<tr>
<td>Wheelabrator Group</td>
<td>101</td>
</tr>
<tr>
<td>Yamazaki Mazak UK Ltd</td>
<td>72</td>
</tr>
</tbody>
</table>
A-Z
NORTH WEST COMPANIES CONSULTANTS
North West Aerospace Alliance
AeroDNA provides critical building blocks for excellence in the global aerospace supply chain by focusing on Innovation, Infrastructure and Integration. Innovation:

AeroDNA has developed a suite of software solutions specifically for the aerospace supply chain to streamline best practice workflow in accordance with AS9100 Rev C and improve supply chain connectivity through innovative cloud based solutions. We are working on several research projects with some of the world’s leading universities to explore the development and application of latest manufacturing and supply chain technologies.

Ceram is a global independent materials technology business engaged in product and process design, development, testing and material analysis with over 50 years of experience in ceramics, metals, plastics and composites for a wide range industries including aerospace and defence.

Ceram works across the entire supply chain on e.g. high temperature applications, coatings, lightweighting, failure analysis, surface treatments, cleanliness validation, contamination, tribology and adhesion issues to name but a few.
Engineered Capabilities Ltd

Address: 31 Church Lane
Goosnargh
Preston
Lancashire
PR3 2BE

Tel: +44 (0) 1772 861529
Fax: +44 (0) 1772 861529

Email: admin@engineeredcapabilities.co.uk
Website: www.engineeredcapabilities.co.uk

Contact: Dr Neil Calder
Position: Director

Contracted support and consultancy to assist aerospace and advanced engineering sector companies in the development of their manufacturing and engineering capabilities.

This service offering includes specialist advice on topics such as aerospace composites and additive manufacturing, and extends to market intelligence as well as technical support.

Eurostep enable collaboration around product data, across different information systems and organizational boundaries, covering systems engineering, design and manufacture and product support.

Eurostep’s Share-A-space™ allows distributed information sharing and change management while protecting IP.

Eurostep’s approach lets organizations carry on working with their own tools while maintaining consistent information across all parties.
Kaizen Consultancy & Training Services Ltd

Address: Treefrog House
Prenton Way
Prenton
Wirral
Cheshire
CH43 3DU

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Website: www.kcts.co.uk

Contact: Brendan Johnston
Position: Business Manager

KCTS is a specialist provider of Business Improvement training and consultancy services in Lean and WCM (World Class Manufacturing).

We bring a shared wealth of knowledge in best practice from the largest organisations to the smallest enterprise.

KCTS delivers its services worldwide and are recognised as an innovative and experienced training, coaching and consultancy provider. We also offer software and media services.

M65 Recruitment Ltd

Address: Suite 103 1st Floor Office
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Blackburn
Lancashire
BB2 6AE

Tel: +44 (0) 1254 697596
Fax: +44 (0) 1254 695018
Email: info@m65recruitment.co.uk
Website: www.m65recruitment.co.uk

Contact: David Shields
Position: Business Development Manager

Specialist Recruiters for the Aerospace and Engineering Sectors.

All areas, Temporary, Contract & Permanent.
Newton Europe Ltd

Address: 4 Michaels Court
Southmoor, Worcestershire
OX13 5DU

Tel: +44 (0) 1684 576477
Fax: +44 (0) 1684 576497
Email: i.quest@newtoneurope.com
Website: www.newtoneurope.com

Contact: Ian Quest
Position: Managing Director

Newton is the leading operational and financial improvement specialist in Europe. Founded in 2001 by a group of highly qualified and experienced engineers, the company’s objective is straightforward: to deliver performance improvement of 10% - 50% in any client’s operations and supply chain without incurring capital expenditure.

From its roots in manufacturing, Newton applies its unique engineering based approach across the aerospace and defence industries, working in areas as diverse as technical problem solving, manufacture, assembly, procurement, tooling, aircraft maintenance and test, from the factory floor to design office and throughout the supply chain. Newton has a proven track record of delivering rapid improvements in cost, delivery and quality performance, from the UK’s largest defence alliances to world class niche suppliers.
## North West Aerospace Alliance

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Tech Innovation Ltd</td>
<td>50</td>
</tr>
<tr>
<td>Ferranti Technologies Ltd</td>
<td>53</td>
</tr>
<tr>
<td>LPD Lab Services Limited</td>
<td>28</td>
</tr>
<tr>
<td>Morson Projects</td>
<td>63</td>
</tr>
<tr>
<td>OCF PLC</td>
<td>36</td>
</tr>
<tr>
<td>Redthorn Engineering</td>
<td>37</td>
</tr>
<tr>
<td>Woodford Engineering Consultancy (UK) Ltd.</td>
<td>71</td>
</tr>
</tbody>
</table>
A-Z

NORTH WEST COMPANIES DESIGN & ENGINEERING

North West Aerospace Alliance
Aerolux Ltd

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FY3 7XQ

**Tel:** +44 (0) 1253 396670  
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**Email:** glenn.mcquire@aerolux.co.uk  
**Website:** www.aerolux.co.uk

**Contact:** Glenn McQuire  
**Position:** Engineering Manager

Aerolux is a well established and respected designer and manufacturer of galley inserts that are in use with many of the worlds major airlines and corporate jet operators. We also specialise in the design and manufacture of customised solutions and use our experience to develop a range of innovative products suitable for both commercial and private operators.

Our products offer innovation with reliability, quality, design and construction, low maintenance and are cost effective. The product range consists of refrigeration/freezers, wine chillers, convection ovens, toasters, coffee makers/brewers and award winning espresso coffee makers that are suitable for installation on many aircraft types.

Aceng

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Station Road  
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Cheshire, SK7 7BS

**Tel:** +44 (0) 161 486 3326  
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**Email:** info@aceng.co.uk  
**Website:** www.aceng.co.uk

**Contact:** Kevan Hodgins  
**Position:** Managing Director

Professional project management company providing support to key civil and defence aerospace companies in the UK and Europe through control of design, manufacturing and certification packages.

Strong results orientated approach with excellent financial and people management skills ensuring a best value to the customer in terms of quality, delivery and cost.

Engineers with experience gained through a solid background of aerospace structural/systems design with specialities in composites, systems and interiors.
Aerotherm Group comprises of a number of specialist companies which enable us to meet our clients requirements for the design, manufacture and install of bespoke, highly productive industrial ovens, dust & fume systems, process automation and energy conserving / utilisation / generation equipment. Please see our website for innovative examples.
North West Aerospace Alliance

Airbus in the UK has sites in Filton, near Bristol and Broughton in North Wales. The Broughton plant manufactures wings for all Airbus commercial aircraft. The site has over 70 years of Aviation history and employs 6,600 people.

Airbus in the UK is a significant investor in Research and Technology, and runs one of the largest engineering apprenticeship schemes in the UK.

Assystem

45 years of experience have made Assystem a key partner of the worlds largest industrial groups: Airbus, Areva, Alstom, EDF, EADS, General Electric, MTU, Peugeot, Renault, Rolls Royce, Safran, Thales, etc.

Designing and developing the products and services of tomorrow, building and ensuring the optimum use of their investments throughout the life cycle, coordinating and executing the realization of their projects and infrastructure: Assystem’s engineering teams make the difference and instil trust.
North West Aerospace Alliance

Astech Projects is a Queens Award winning engineering and science based company who specialise in supplying robotics and automation systems to regulated and advanced engineering industries.

Feasibility studies, proof of concept, design, manufacturing, software development and testing activities are undertaken at our specialist facility in Cheshire, UK.

Graham Foster
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Graham Foster
Sales Manager

Manufacturer of high tolerance aluminium extrusions and components in a wide range of alloys.

Extrusions can be produced in any quantity with an exceptionally fast turnaround.

Full CNC machining, punching, fabrication, assembly, painting and anodising service.
North West Aerospace Alliance

C-Tech Innovation

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Website: www.ctechinnovation.com

Contact: Rob Jones
Position: Information & Marketing Coordinator

Whatever stage you’re at in getting your idea to market we are here to help. That includes prioritising ideas to pick winning products, developing ideas through design, research and prototyping, and finally assisting in the financial and commercial aspects of product launch.

We can even help you generate new product ideas if you don’t have any of your own! So come and talk to us and learn more about how we can work together to turn your ideas into reality.

Cygnet Integrated Solutions

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Website: www.cygnet-is.com

Contact: Michael Kitchen
Position: Sales Manager

Specialists in providing industrial automation, bespoke machinery and fully integrated materials handling solutions to our customers.

Our origins can be traced back to 1974, when as part of a family owned company, later to become Cygnet Group, we began providing bespoke engineering solutions to the technical textile industry.

Today, as a stand alone company Cygnet IS is located in a 18,092 sqft facility in Middlewich, Cheshire, providing engineered solutions to both the domestic and international markets.
**Dassault Systemes - DELMIA Ltd**

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**Email:** tom.leeson@3ds.com  
**Website:** www.3ds.com

**Contact:** Tom Leeson  
**Position:** Marketing Manager

Dassault Systemes, the 3DEXPERIENCE company provides business and people with virtual universes to imagine sustainable innovations. Its world leading 3D design software, 3D Digital Mock-Up and product Lifecycle Management (PLM) solutions transform the way products are designed, produced and supported.

Dassault Systemes collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world.

The group brings value to over 150,000 customers of all sizes in all industries around the globe.

**North West Aerospace Alliance**

**Didsbury**

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**Tel:** +44 (0) 161 486 2200  
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**Email:** sales@didsbury.com  
**Website:** www.didsbury.com

**Contact:** Stephen McCarthy  
**Position:** Civil Aviation Business Manager

Didsbury design & manufacture specialised handling systems for Weapons, Engines, APU, Landing Gear and components.

Products include Hoists for various lifting applications on Airbus & Boeing Aircraft, Purge-Air Systems for Fuel Tank entry and Hydraulic Weapons Loaders.

Didsbury can also provide inspection, repair, servicing and legislation compliance advice on all types of lifting equipment.
North West Aerospace Alliance

**EJOT** The quality connection

**Address:** Hurricane Close  
Sherburn Enterprise Park  
Sherburn in Elmet  
North Yorkshire  
LS25 6PB

Tel: +44 (0) 1977 687040  
Fax: +44 (0) 1977 687041  
Email: info@ejot.co.uk  
Website: www.ejot.co.uk

**Contact:** Chris Middleton  
**Position:** Managing Director

EJOT work in partnership with UK manufactures in the design and development of Fastener systems to meet customer requirements ensuring that the optimum fastener combinations can be achieved and meet stringent UK and European standards.

EJOT UK is a worldwide operation with manufacturing and technical support in all the major manufacturing countries supplying the Aerospace, Defence, Security, Automotive, Medical and Construction markets.

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**EDM** World class solutions

**Address:** Brunel House  
1 Thorp Road  
Newton Heath  
Manchester, M40 5BJ

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Website: www.edm.ltd.uk

**Contact:** Gemma Duffy  
**Position:** Business Administration

EDM is a UK business that has been trading for 40 years. Exporting worldwide, EDM have established themselves as a global supplier of training products which enhance safety and efficiency within training sectors.

Our diverse market is predominantly split between two specific areas, providing simulated training equipment for commercial aviation and simulators for military and commercial customers.

Our headquarters are based in Manchester UK where we provide an international service to customers worldwide.
Ferranti Technologies Ltd

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Fax: +44 (0) 161 785 5221
Email: swarren@ferranti-technologies.co.uk
Website: www.ferranti-technologies.co.uk
Contact: Stephen Warren
Position: Managing Director

Ferranti Technologies has gained an enviable reputation as a supplier of high quality power & control electronic products and more recently, leading edge avionics & mission systems for air, land & marine forces. With products ranging from helmet mounted systems, avionics, guided weapon systems and training and simulation to land systems such as force protection systems & mission management systems, working with Ferranti will ensure that your requirements are met from stand alone to fully integrated solutions. Our power & control capabilities include converters & inverters, transformer rectifier units, power supplies and more. Our products are built to order, ensuring full compatibility with your requirements. In addition, with our own manufacturing & test facilities and talented team of engineers, the team at Ferranti Technologies can offer a comprehensive electronic manufacturing service ensuring product functionality through-out its entire life-cycle.

Euravia Engineering is an approved MRO Company for Turboprop & Turboshaft Engines and APUs, with full in-house capability for the PT6A and PT6T engines, including Design and Development. Euravia supports both Civil and Defence Customers and is an MODUK Prime Contractor. Euravia’s approvals include Design; Manufacturing; EASA145; FAAPart145; CAAUK; ISO9001:2000/AS9100.

Euravia operates from four modern, state of the art, Airmotive facilities in Kelbrook, Lancashire (covering over 50,000ft² which includes a fully automated jet engine test cell). Euravia operates internationally and has over 100 different Civil & Defence Customers in 50 Countries.
Fitzpatricks (UK) Limited

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         BB9 8AQ

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Email: mark@fitzpatrickskuk.com
Website: www.fitzpatrickskuk.com

Contact: Mark Fitzpatrick
Position: Director

Fitzpatricks Uk Ltd is primarily a sub-contract fabricator offering its customers unrivalled support in the design and manufacture of steel and stainless steel fabrications.

Discretion and a broad manufacturing knowledge gives our customers the freedom to treat Fitzpatricks as an extension to their own engineering and technical departments.

Established in 1967, Fort Vale offers a wide range of manufacturing solutions including: advanced design service with rapid prototyping; lost wax investment casting foundry; manual and CNC milling and turning; plasma cutting/profiling; manual, robotic and seam welding; CNC sawing; tool room; press shop; general fabrication and assembly; stainless steel shot blasting and electro-polishing.
North West Aerospace Alliance

G U Cutting & Grinding Services Ltd

Address: Unit 9 First Avenue
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Cheshire
SK12 1FJ

Tel: +44 (0) 1625 876321
Fax: +44 (0) 1625 876284
Email: sales@gucag.co.uk
Website: www.gucag.co.uk

Contact: Peter Smith
Position: Works Manager

Market leader in providing waterjet cutting (including 3D cutting), surface grinding and profile burning solutions.

G. Parker Engineering Ltd.

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BB5 1HX

Tel: +44 (0) 1254 384235
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Email: mparker@gparkereng.com
Website: www.gparkereng.com

Contact: Michael Parker
Position: Managing Director

GPE have over 40 years’ experience in providing aerospace tooling solutions, serving both the aero-engine and aerostructures markets.

GPE principally design & manufacture detail tooling, jigs, fixtures and press tools for the aerospace industry.
North West Aerospace Alliance

Gandtrack Ltd

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Email: graham@gandtrack.co.uk
Website: www.gandtrack.co.uk

Contact: Graham Hirst
Position: Director

Gandtrack Ltd is a market leader in the design and manufacture of specialist cutting tools for the Aerospace industry. Specialising in the manufacture of solid carbide, P.C.D, diamond coated, brazed tipped and conventional tooling for use in machining composite materials used in the Aerospace sector.

We have full cnc capabilities, supported with high tech inspection to conform with Aerospace standards. We have a fully equipped facility with 5 Walter Helitronic machines. We have full regrinding capability both on cnc and manual machines. Specialised coatings now used are also available. We are full AS9100, AS 9001 Accredited. Certification numbers available.

Genlab Limited

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Fax: +44 (0) 151 495 2197
Email: enquiries@genlab.co.uk
Website: www.genlab.co.uk

Contact: Derek Crompton
Position: Director

The manufacture of a standard range of industrial and laboratory ovens. The design and manufacture of custom built industrial ovens for aerospace, automotive, plastic and rubber plus general industrial sectors.

Ovens have been supplied to F1 teams for composite curing and to premium car producers for the production of bonded aluminum alloy car bodies.

The aerospace industry has used them for example in composite curing of turbine blades, NDT and the heat treatment of titanium.
Granada Material Handling Ltd

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Lancashire
OL11 2NU

Tel: +44 (0) 1706 653620
Fax: +44 (0) 1706 523943
Email: davew@gmh.co.uk
Website: www.gmh.co.uk

Contact: Dave Wight
Position: Director

Granada Material Handling Ltd design, manufacture and install standard and bespoke overhead travelling crane systems and associated structural steelwork, PYTHON jib cranes, runway beams, manipulators and bespoke handling systems.

We also provide service and maintenance contracts.

Hardinge is the leader in providing a wide range of highly reliable turning, milling, grinding and workholding solutions.

We never compromise on product design, so customers can count on Hardinge to help them make the right part to the required specification, every time.
Hexagon Metrology is part of the Hexagon AB Group and includes leading metrology brands such as Brown & Sharpe, Cognitens, DEA, Leica Geosystems (Metrology Division), Leitz, m&h Inprocess Messtechnik, Optiv, PC-DMIS, QUINDOS, ROMER and TESA.

Hexagon Metrology brands represent an unrivaled global installed base of millions of Coordinate Measuring Machines (CMMs), portable measuring systems and handheld instruments, and tens of thousands of metrology software licenses. The company offering of machines, systems and software is complemented by a wide range of product support, aftermarket and value-added services.

HMK are the largest independent UK supplier of electromechanical solutions to the machine building and factory automation markets.

HMK offers a complete range of products and services to facilitate the efficient execution of an automation project. HMK are the premier Siemens Technology Partner for Automation and Drives.
Hyde have a long standing commitment to customer focus, with our state of the art design, tooling & manufacturing capabilities, which include AOG service 24/7/365, Assemblies, Fabrication, Welding & X-Ray, Drop Hammer, Machining up to 7 Axis, heat & surface treatments and project management all this allied with a proven track record in low cost sourcing firmly establishes our place among the global supply chain.

Ionix Systems is an experienced manufacturer of cable harness systems, sub systems and sub assemblies to the defence and aerospace markets with a 11 year heritage.

We provide manufacturing, design and technical services through a highly skilled team of manufacturing experts and engineers and our facilities are AS9100 and ISO14001 approved.
JF Faber Limited

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Contact: Ian Eaves
Position: Director Business Development

JF Faber (a James Fisher & Sons company) is an internationally respected project organisation, backed with an extensive multi-skilled, engineering design and supply capability.

A Prime supplier whose client base extends through a variety of high integrity industrial sectors, including aerospace and nuclear. JF Faber has particular expertise in the area of aircraft tooling, ground support equipment and test equipment. The groups design and supply capability covers both aircraft structures and aero engines build.

The project teams are engaged in both military and civil aerospace projects, providing their international customers with innovative solutions to meet their most demanding requirements. Our quality systems are ISO 9001 and AS 9100 accredited.

Jones Stroud Insulations

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Email: p.slinger@jsi.krempel.com
Website: www.krempel-group.com
Contact: Peter Slinger
Position: Business Development Manager

The KREMPEL-GROUP is a leading global system supplier of modern materials to the composite and electrical industries.

We manufacture a range of Pre-Pregs based carbon, glass, aramid, cotton and polyester in conjunction with high performance resins, complimented by our fabricating and moulding resulting in a complete range of engineering solutions.
MB Aerospace Holdings Ltd

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ML1 3NP

Tel: +44 (0) 1698 242392
Fax: +44 (0) 1698 275487
Email: lwilson@mbaerospace.com
Website: www.mbaerospace.co.uk

Contact: Lyle Wilson
Position: Business Development Manager

MB Aerospace is an international group providing advanced engineering solutions to some of the key names in the Aerospace and Defense market.

The group operates from a number of sites in the UK and North America with specialist divisions focussed on the supply chain management, machining, fabrication and repair of complex high-value aero-engine components.

Merc Engineering UK Ltd

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Email: jon.hoyle@mercgroup.co.uk
Website: www.merceng.co.uk

Contact: Jon Hoyle
Position: Commercial Director

Merc is a Lancashire based precision engineering company producing high-precision CNC parts to customer specifications. Supplying prolific industry leaders such as GE, Rolls-Royce and Cobham.

Mercs comprehensive range of services includes CNC turning and milling, sliding head CNC turning, EDM spark and wire erosion, EDM fast hole drilling, precision TIG welding, CAD design and prototyping, assembly and project capabilities.

We specialise in the manufacture of small to medium tightly tolerated components in virtually any kind of metals or plastics including aerospace and exotic alloys, Inconel, Hastelloy X, aluminium, stainless steel, titanium, peek, brass and many more. We offer a wide range of surface treatments through our approved suppliers. Merc is accredited to ISO 9001:2000 and AS9100.
Metal Spinners Group

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Tyne & Wear, NE15 9RT
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Fax: +44 (0) 191 229 3552
Email: rgeorge@metal-spinners.co.uk
Website: www.metal-spinners.co.uk
Contact: Rachel George
Position: PA to Directors

Metal Spinners Group, part of Standex International Corporation, are Europe’s leading Metal Spinning company.

With over 50 years experience supplying high quality components and sub assemblies to a global portfolio of clients, from a wide range of performance critical sectors, we specialise in delivering quality, precision made components for highly demanding applications. Industries served by Metal Spinners Group include aerospace, offshore oil & gas, renewable energy, medical, defence and power generation.

As such we have developed a world class range of capabilities and expertise in order to offer complete solutions to our clients, consistently delivering on projects at any stage in the development process, from the design phase through to completion.

MSP develop and provide unrivalled 5 axis probing technologies to the marine, aerospace, motorsport and composites industries. Our expertise and award winning software is recognised worldwide.

We have established long term relationships with some of the world’s most respected engineering names, based on the success of our products and genuine benefits they deliver.
Morson Projects offer a complete design, development and manufacturing service to the world’s leading military and commercial aerospace organisations.

From composite structures to complete systems integration, Morson Projects engineering teams work independently, or in partnership with our client’s existing project delivery teams to provide comprehensive support throughout design, development, manufacturing and finally into service.
North West Aerospace Alliance

Design and manufacture of electro-mechanical assemblies, AC and DC motors, linear and rotary actuators and gearboxes for the aerospace industry.

Design and manufacture of precision springs, wireforms, flat springs and pressings for the aerospace industry.

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Contact: Colin Fenton
Position: Engineering Director

Design and manufacture of precision springs, wireforms, flat springs and pressings for the aerospace industry.

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Email: sales@pdsengineering.co.uk
Website: www.pdsengineering.co.uk

Contact: Annette Weekes
Position: Operations Director

PDS Engineering is a World Record breaking company providing world-class precision engineering and manufacture of components to the highest specifications and specialising in engineering excellence.

Recognised for rapid response and flexibility alongside a wealth of experience in aerospace, defence, automotive, petrochemical and marine applications, the PDS team of engineers offer a one-stop-shop service from concept and design to manufacturing and full production.
North West Aerospace Alliance

PFW Aerospace UK Ltd

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Email: brian.cummings@uk.pfw.aero
Website: www.pfw.aero

Contact: Brian Cummings
Position: Business Development Director

We are a world class supplier to the aerospace industry with Build to Spec and Build to Print capabilities, manufacturing a wide range of precision components from pipes, ducts and fabricated welded assemblies to airframe structures.

Precision Polymer Engineering (PPE) - advanced sealing solutions for critical aerospace and defence applications.

PPE is a NADCAP accredited, AS9100 Rev B certified designer and manufacturer of high performance sealing solutions, providing O-rings, custom mouldings and other seal geometries to the entire aerospace supply chain.
Processia Solutions Ltd

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Contact: Ashish Gulati
Position: Head of Sales

Processia Solutions is a leader in the field of PLM integration and bespoke engineering software development in North America and Europe. Processia Solutions is involved in multiple industries such as Motorsports, Aerospace, Automotive, Transportation, Energy and Consumer goods.

Processia also provide a comprehensive suite of services including business consulting, solution design, software development, SOA integration and complete CAD/CAM/PLM implementation services.

Processia Solutions is a global services partner of Dassault Systemes.

ROEMHELD

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Contact: Bill Neal
Position: Managing Director

Roemheld (UK) delivers workholding solutions that increase throughput while reducing handling times, material wastage and cycle times.

Roemheld is the sole UK supplier of Hilma 5-axis vices, Roemheld hydraulic clamping, Stark Zero Point Mounting Systems, Jergens vice systems, M-TECS Magnetic Clamping, Modulog assembly and handling equipment and Kostyrka Clamping Sleeves.
Senior Aerospace Bird Bellows is a market leader in design, manufacture, qualification and supply of pressure duct systems and flexible joints to the Aerospace industry.

Systems capability and most common applications include ECS (Environmental Control Systems), APU Ducting, Anti-Ice Ducting, Cabin Air / Pressurisation Ducting, Engine Bleed Air and Air Start Ducting Systems.
Tata Technologies is dedicated to providing better support for PLM in the worldwide aerospace marketplace.

Our PLM experts have for many years been providing process and technical consulting to the world’s leading aircraft manufacturers in various PLM process reengineering and improvement initiatives, and we’ve become the trusted partner to several aerospace OEMs.
The Denis Ferranti Group specialises in the contract manufacture of technically complex Mechanical, Electromechanical and Electronic products and assemblies.

The Denis Ferranti Group has the following in-house capabilities:
- Multi Process Contract Manufacturing
- Pump Design and Manufacture
- Drive System Design and Manufacture
- PCB Population and Test

We excel in the design and manufacture of bespoke wireforms, pressings and coil springs.

Our technology is state-of-the-art and the most modern in Europe. The capacity of our Group manufacturing facilities meets the needs of the high volume automotive market within which we are premier suppliers.

We also specialise in low volume production via our hand coiling section and our dedicated prototyping department.
North West Aerospace Alliance

VIRTUAL ENGINEERING CENTRE

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Email: lynn.dwyer@liv.ac.uk
Website: www.virtualengineeringcentre.com

Contact: Lynn Dwyer
Position: Knowledge Exchange Centre

The Virtual Engineering Centre (VEC) has a unique approach to developing and integrating Virtual Engineering technology innovations across the product life-cycle to deliver powerful solutions to business.

Working closely with you to understand the needs of your organisation, we deliver first class expertise and support enabling your business to maximise the benefits of advanced modelling, simulation and immersive visualisation technologies; creating solutions that will reduce project cost and risk, optimise performance and aid decision making.

WALTER

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Website: www.walter-tools.com

Contact: Cheryl Daniels
Position: Marketing Co-ordinator

We are competence leaders. With a complete range of cutting tools: Turning, Milling, Drilling, Threading, all form a single source. With competence and know-how in high-tech Machining processes: Machining strategies development and implementation.

Global service and technical support on-site. Simplified procurement process.
Weston Ltd

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Website: www.westoneu.com
Contact: Andy Berry
Position: Group Commercial Director

Weston Group is a privately owned, proven tier one supplier and integrator, with over 40 years experience in the global aerospace market.

Our new facilities both in the UK and Thailand offer a total of 210 sq ft of manufacturing floor space. We offer world class capabilities including Catia V5 CAD/CAM, complex multi axis machining, processing and kitted assemblies.

Weston delivers quality products over a range of different manufacturing disciplines including aerofoils, aerostructures, aircraft interiors and complex prismatic components. Customer focused and market driven, Westons commitment is to deliver globally competitive prices whilst not compromising quality and service levels.

WEC was formed in 2008 to provide systems engineering services to the aerospace industry. The majority of employees have 20 to 40 years of experience in aircraft OEM Mechanical, Electrical and Avionics Systems Engineering and Systems Safety departments.

Our capability is in systems engineering across all ATA chapters, including: system design from architecture studies and equipment specification to installation, management of major modification programmes, certification of equipment and systems, systems safety analysis, Research & Development, in-service support, rig, ground and flight testing, data analysis, incident investigation.
Xtron Systems Ltd
t/a Acoustic Applications

Address: Unit 8 Caldervale Road
Horbury Junction Industrial Estate
Wakefield
West Yorkshire
WF4 5ER

Tel: +44 (0) 1924 262165
Fax: +44 (0) 1924 264817
Email: sales@acousticapplications.co.uk
Website: www.acousticapplications.co.uk

Contact: George Hough
Position: Sales Director

We survey, design, manufacture and install all forms of acoustic and environmental enclosures complete with integrated services for the aerospace and associated industries.

Additional products include sound havens control cabins, test cells machine attenuators, silencers, acoustic screens, acoustic louvres. We are ISO 9001 accredited.

Yamazaki Mazak UK Ltd

Address: Badgeworth Drive
Worcester
Worcestershire
WR4 9NF

Tel: +44 (0) 1905 755755
Fax: +44 (0) 1905 755542
Email: brobertson@mazak.co.uk
Website: www.mazak.eu

Contact: Brian Robertson
Position: Regional Sales Manager

Mazak manufacture a range of CNC machine tools. From their manufacturing plants in Japan, Singapore, Kentucky USA, Worcester UK and China a range in excess of 200 models are produced.

Also available are Turnkey Engineering Projects to assist with higher productivity rates and quality improvements.
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Manchester</td>
<td>20</td>
</tr>
<tr>
<td>Aerospace Research Institute (UMARI)</td>
<td>20</td>
</tr>
<tr>
<td>Surface Finishing Engineering</td>
<td>110</td>
</tr>
<tr>
<td>ThyssenKrupp Aerospace UK Ltd</td>
<td>30</td>
</tr>
</tbody>
</table>
A-Z
NORTH WEST COMPANIES ELECTRICAL / ELECTRONICS
North West Aerospace Alliance

www.aerospace.co.uk
With a history in aerospace spanning 50 years, Brand-Rex has a thorough understanding of high technology materials, advanced manufacturing processes and a quality culture embodied by the certification to ISO AS9100 that makes it the perfect partner for mission critical copper and fibre optic cabling used in both military and civil aircraft.

New Chapel Electronics Ltd

Address: London Road
         Fairford
         Gloucestershire
         GL7 4DS

Tel: +44 (0) 1285 712144
Fax: +44 (0) 1285 713143
Email: steve.davies@newchapel.co.uk
Website: www.newchapel.co.uk

Contact: Stephen Davies
Position: Sales Manager

We make and supply a range of interconnect products: connectors, backshells, cables, harnesses, harness components, conduit systems, composite tube product, box and panel build and engineering services - including design and drawing.
Oxley Group

Address: Priory Park
Ulverston
Cumbria
LA12 9QG

Tel: +44 (0) 1229 582621
Fax: +44 (0) 1229 581851
Email: sales@oxleygroup.com
Website: www.oxleygroup.com

Contact: Phil Robinson
Position: Senior Business Development Mgr

Oxleys are pioneers in the design and manufacture of electronic and electro-optic systems and components and has a wealth of experience and expertise in the fields of LED lighting, night vision lighting systems, optical filters, EMC filters, data capture and interconnect systems.

Products are designed and manufactured at our company premises and with sophisticated manufacturing capabilities in the UK and USA, Oxley are represented worldwide.

Company Name
Assystem UK..........................................................48
Cygnet Integrated Solutions.................................50
Denis Ferranti Group...........................................69
HMK Technical Services......................................58
Ionix Systems Ltd................................................59
MB Aerospace Holdings Ltd.........................61
“NWAA has played a central role in the development of business opportunities due to the region’s strong manufacturing reputation within the Aerospace and Defence sectors.

Marketing is a cornerstone of a successful business and by exhibiting with the NWAA as we have on many occasions; it enables MB Aerospace to network globally from a business centre base at a reasonable cost with professional support.

As part of our growth action plan we will be exhibiting with NWAA at the Farnborough airshow in July of this year and we look forward to continuing our network for growth on a global platform.”

Lyle Wilson  
Business Development Manager, MB Aerospace
A-Z

NORTH WEST COMPANIES FABRICATION

North West Aerospace Alliance
North West Aerospace Alliance

Equip are suppliers of specialist grinding, de-burring and polishing products to the Aerospace Industry particularly for the finishing of turbine blades and engine components.

We offer Robotic and CNC solutions to automate finishing of castings, forgings and machine parts. Our customer specific approved products are used worldwide in the aerospace industries.

Hampson Aerospace - BHW Components Ltd

Address: Caxton Close
Wigan
Lancashire
WN3 6XU

Tel: +44 (0) 1942 821205
Fax: +44 (0) 1942 829552
Email: adrian.sheldon@hampsongroup.com
Website: www.hampsongroup.com

Contact: Adrian Sheldon
Position: Commercial Director

BHW provides a totally integrated one-stop airframe solutions for airframe components and assemblies. Coupled with the latest SAP ERP business management systems, BHW can offer a complete supply chain management solution to its customers.

Core competencies include: sheet metal forming and fabrication, stretch forming, chemical etching, high speed 4 and 5 axis machining, aero structure assemblies, fluid form and rubber press and Modig extrusion machining.
Lakeland Laser Ltd

Address: CrossField Mill
Hobsons Lane
Redmayne Road
Kirkby Stephen
Cumbria
CA17 4RN

Tel: +44 (0) 1768 372200
Fax: +44 (0) 1768 374030
Email: stephen.reay@lakelandlaser.co.uk
Website: www.lakelandlaser.co.uk

Contact: Stephen Reay
Position: Managing Director

Lakeland Laser Ltd are specialist metal workers whose core business is principally laser cutting.

We produce a wide range of parts from sheet, plate and tube and our processes include laser cutting - flatbed and tube, pressbrake bending, fabrication, welding, coating, polishing etc on steels, aluminiums, titaniums, exotics etc. 40,000 sqft factory.

Company Name

Adelaide Engineering Co Ltd................................. 85
ATI Stellram.................................................. 87
Beagle Technology Group................................. 27
Capalex................................................... 49
EDM Ltd................................................... 52
Fitzpatricks (UK) Limited................................. 54
Fort Vale Engineering Ltd............................... 54
Hyde Aero Products....................................... 59
Jones Stroud Insulations................................. 60
MB Aerospace Holdings Ltd............................. 61
Oldham Engineering Limited......................... 95
Teledyne CML Group Ltd................................. 68
Xtron Systems Ltd t/a Acoustic Applications......... 72
Yamazaki Mazak UK Ltd................................. 72
A-Z

NORTH WEST COMPANIES

MACHINING

North West Aerospace Alliance
North West Aerospace Alliance

A & G Precision and Sons Limited has over 25 years experience in the Production of complex machined components for the aerospace and other “high end” manufacturing industries.

With “in house” 3, 4 & 5 axis machining capabilities and capacity contained in a modern CAD/CAM driven factory and office environment.

Addison Engineering have now developed into a supply chain organisation, supplying quality machined components, assemblies and kits of parts direct to build, through many industry sectors.

We currently manufacture various vital parts for end users such as Airbus, BAE Systems, Rolls-Royce, Augusta Westland, EuroCopter and Bombardier Shorts. the past few years.

Addison Engineering are proud to have been recently awarded ‘The Most Improved SME Supplier on the ASCE Program’
**Agie Charmilles Limited**

**Address:** North View  
Coventry  
West Midlands  
CV2 2SJ

**Tel:** +44 (0) 2476 538666  
**Fax:** +44 (0) 2476 530023  
**Email:** sales@uk.gfac.com  
**Website:** www.gfac.com/uk

**Contact:** David Outhwaite  
**Position:** Chief Finance Officer

GF Agie Charmilles is an international market leading manufacturer and supplier of advanced EDM, milling and automation machine tool solutions.

These technology solutions, backed by a range of ‘best in class’ after sales services, are used by our customers (precision toolmakers and component manufacturers) as a proven route to increased productivity and improved performance and profitability.

We are confident that our advanced technologies combined with our customer focused business approach can do the same for you.

---

**Adelaide Engineering Co Ltd**

**Address:** Aspinall Street  
Heywood  
Lancashire  
OL10 4HR

**Tel:** +44 (0) 1706 365604  
**Fax:** +44 (0) 1706 625971  
**Email:** owen@adelaideengineering.com  
**Website:** www.adelaideengineering.com

**Contact:** Owen Sharples  
**Position:** General Manager

Large and heavy CNC machining and fabrication company based in Lancashire. We specialise in vertical boring, large CNC milling, turning on bar feed CNC lathes and large fabricated metal components.

Established in 1954 we offer customers a wealth of experience and knowledge in large and heavy CNC machining and fabrication.
Allegheny Technologies Ltd provide a wide range of services from its service centre in Birmingham. We stock titanium and titanium nickel alloys, nickel alloy and zirconium in plate, bar, billet, wire and sheet forms serving aerospace, defence, bio-medical, motorsport, chemical and offshore industries.

Other speciality metals such as stainless and nickel super alloys are available through our sister companies in the USA. We offer in time deliveries, value added services (forging, sawing, water-jet cutting, first stage CNC machining etc) and technical support for titanium and titanium alloys.

Apel is committed to excellence in the manufacture and supply of high quality precision fasteners and components to the aerospace industry, exceeding customer expectations for competitive and innovative supply chain solutions.
ATI Stellram

Address: Hercules Way
         Bowerhill Industrial Estate
         Melksham
         Wiltshire
         SN12 6TS

Tel: +44 (0) 800 731 6660
Fax: +44 (0) 800 731 6662
Email: steve.ortiz@atimetals.com
Website: www.atistellram.com

Contact: Steve Ortiz
Position: Marketing Director

ATI Stellram is a metal cutting and metal finishing technology leader whose products include indexable and solid carbide cutting tool systems, specialty abrasives, carbide burs and routers and thread cutting and thread rolling technology supporting the Defence, Aerospace, Power Generation, Oil and Gas, Medical, Transportation and Construction and Mining market segments. It’s™ featured product brands are Stellram® Cutting Tool Systems, Garryson® Abrasives, Burrs and Routers and Landis® Threading Systems.

BCW Engineering Ltd

Address: Unit B7 - Aircelle
         Widow Hill Road
         Burnley
         Lancashire
         BB10 2TQ

Tel: +44 (0) 1282 872473
Fax: +44 (0) 1282 421438
Website: www.bcw-engineering.co.uk
Email: dave.sidebotham@bcw-engineering.co.uk

Contact: Dave Sidebotham
Position: Sales Executive

BCW Engineering Ltd has enjoyed rapid growth since it’s conception in 2002. This is due to its capability of machining any batch quantity from one off to a full production run, all on fixtures designed and manufactured in house.

BCW has a wealth of engineering experience and a willingness to invest in the latest technology.

Current customers come from aerospace, automotive, power generation, nuclear, oil and gas, medical. BCW is approved to ISO 9001:2000, AS9100 has approvals from BAE Systems and Aircelle and is a Tier 1 supplier to Jaguar cars and is working towards TS16949, ISO14001.
**North West Aerospace Alliance**

**Clitheroe Light Engineering**

**Address:** Upbrooks Industrial Estate  
Clitheroe  
Lancashire, BB7 1PL

**Tel:** +44 (0) 1200 422707  
**Fax:** +44 (0) 1200 425517  
**Email:** hm@clitheroelightengineering.co.uk  
**Website:** www.clitheroelightengineering.co.uk

**Contact:** Helen Meloy  
**Position:** Director

CLE is a high precision machining company producing high quality precision parts for world class customers. We operate a Fastems Automated manufacturing system which runs lights out. It comprises of 7 HMC’s, 92 pallets, 1500 tools and 3 load stations. Our approach to lean manufacturing enables the company to compete on a global scale and offers a first class service to our customers. CLE is unique in its ability to tailor long term production around customer’s demands. The company is approved to ISO9001 and AS9100.

**Address:** Cromwell Road  
Bredbury  
Stockport  
Cheshire  
SK6 5PH

**Tel:** +44 (0) 161 430 3173  
**Fax:** +44 (0) 161 430 8643  
**Email:** cwb@ctl-eng.com  
**Website:** www.ctl-eng.com

**Contact:** Craig Booth  
**Position:** Sales Director

Full procurement and project management of small, medium and large precision components and their associated assemblies for oil & gas, aerospace, defence, nuclear, power generation, automotive, mining, marine and other sectors.
Delcam is the world’s leading specialist supplier of machining and inspection software and services.

The company’s systems are used to increase productivity, improve quality and reduce lead times in more than 35,000 organisations worldwide. These users include companies involved in all aspects of aircraft manufacture and repair, including the production of engine components, aerostructures and interiors.

Dormer is one of the world’s foremost producers of rotary cutting tools with a proud history dating back to 1889. A global operator, Dormer has a long standing reputation for quality, innovation and brand leadership.

A comprehensive and ever evolving product range covers a wide range of applications within the operations of drilling, reaming, milling and threading.
EE Components Limited

Address: Syke Side Drive
Altham
Accrington
Lancashire
BB5 5YE

Tel: +44 (0) 1282 680600
Fax: +44 (0) 1282 680220
Email: sales@eecomponents.co.uk
Website: www.eecomponents.co.uk

Contact: Peter Eastwood
Position: Director

EE components are a well established precision sub contract machining engineering company whose business is built upon a combination of stringent manufacturing disciplines structured processes and effective management techniques.

By utilising best practice and the development of the latest technology, we are able to maintain our enviable reputation for quality, delivery and cost reduction. Quality is ensured - our approvals include AS 9100 Rev B, ISO 9001:2000 as well as specific customer approvals.

EE Components also are able to offer non conventional machining from development to full scale production.

ELE Advanced Technologies Ltd

Address: Cottontree Lane
Colne
Lancashire
BB8 7BH

Tel: +44 (0) 1282 873400
Fax: +44 (0) 1282 873401
Email: peterp@eleat.co.uk
Website: www.eleat.co.uk

Contact: Peter Palij
Position: Sales & Marketing Director

Operating in 3 markets - aerospace, industrial gas turbines and automotive - specialist machinist of turbine blades, nozzles, compressor blades, VIGVs for both aero and industrial gas turbines, heat shields for military aero applications.

Specialist in conventional and non conventional machining incorporating ECM stem drilling, EDM and Fast Hole drilling, laser drilling, large capacity creep fed grinding including 5 axis viper grinding and CNC machining.

Working with a number of Blue Chip companies such as Rolls-Royce, Siemens, Honeywell, Avio SPA, Alstom, Pratt & Whitney, Man Turbo etc - we have an enviable reputation for quality and delivery. We operate on a global basis.
North West Aerospace Alliance

**Ford Aerospace**

**Address:** East Side  
Tyne Dock  
South Shields  
Tyne & Wear  
NE33 5ST

**Tel:** +44 (0) 191 454 0141  
**Fax:** +44 (0) 191 455 1089  
**Email:** george.reeves@ford-aerospace.com  
**Website:** www.ford-aerospace.com

**Contact:** George Reeves  
**Position:** Director

Ford Aerospace Ltd is a Global Supplier to the Aerospace and other high technology markets. Ford’s diverse capability includes Industry Standard Parts, precision machined components and tested sub-assemblies and a range of Laminate products available in either sheets or components in both metallic and non-metallic materials.

Ford’s Catia V5 capability also allows seamless data exchange with its customer.

**Gardner Aerospace**

**Address:** Cotmanhay Road  
Ilkeston  
Derbyshire  
DE7 8LL

**Tel:** +44 (0) 115 944 5919  
**Email:** group@gardner-aerospace.com  
**Website:** www.gardner-aerospace.com

Gardner Aerospace is one of the UK’s largest and best performing aerospace metallic manufactured details suppliers.

With revenues of circa $100m, over 700 employees, and eight manufacturing sites, Gardner is of the size required to be at the forefront of the accelerating trend in the aerospace manufacturing sector towards the establishment of fewer, larger suppliers, who are able to work in close partnership with their customers and deliver the leveraged benefits of scale.

Gardner Aerospace machines, fabricates, treats, assembles, and repairs, small to large precision parts, kits, sub-assemblies and assemblies in soft, hard, and exotic metals, and has all of the required engineering tools, processes, and quality approvals to support these capabilities. It has one of the most diverse customer bases in the sector supplying products and Total Manufacturing Services to most of the major domestic and international Airframe, Aerostructure, Engine, and Equipment companies in the aerospace industry.
Gretone Engineering Ltd

Address: Scafell Road
St Annes
Lancashire
FY8 3EB

Tel: +44 (0) 1253 723211
Fax: +44 (0) 1253 726061
Email: ian.hawkins@gretone.co.uk
Website: www.gretone.co.uk

Contact: Ian Hawkins
Position: Commercial Manager

3, 4 and 5-Axis CNC machining of complex prismatic parts from Aluminium, steel and titanium up to 5m x 2.5m.

Sub assembly including bonding, riveting, installation of bushes and bearings. Supported by 3 seats of Catia v5 for offline programming and 3 CMM machines with Camio offline programming.

Graham Engineering is primarily a manufacturer in Stainless steel to a wide variety of market sectors. These include bespoke fabrications, product and waste containers to the Nuclear Industry.

Our own range of Hot Water Cylinders. Components to support the manufacture of Aerospace engine components, fire safety systems and airport security systems. A wide range of components for local Traditional Industries.
North West Aerospace Alliance

John Huddleston Engineering

Address: Amy Johnson Way  
Blackpool Business Park  
Blackpool  
Lancashire  
FY4 2RP

Tel: +44 (0) 1253 345466  
Fax: +44 (0) 1253 340690  
Email: steve.oakley@jhe-group.co.uk  
Website: www.jhe-group.co.uk

Contact: Steve Oakley  
Position: Commercial Manager

Tier 1 / 2 supplier of precision machined components and sub assemblies to the global aerospace industry.

The JHE Group provide a complete manufacturing and project management capability including - machining, surface treatments, sub assemblies, kitting and supply chain management from our purpose built facilities in England, Northern Ireland and Poland.

Group Rhodes is one of Europe’s largest Original Equipment Manufacturers in its field, supplying an extensive range of metalforming and composite technology to the aerospace industry.

Rhodes offers precision presses, tube bending machinery and autoclaves for the specialist forming of aluminium and titanium alloys and composites into strong complex yet lightweight structures.
Kilgour Industries Ltd

Address: Kilgour House
Red Marsh Drive
Red Marsh Industrial Estate
Thornton Cleveleys
Lancashire
FY5 4HP

Tel: +44 (0) 1253 821953
Fax: +44 (0) 1253 823126
Email: r.kilgour@kilgour.co.uk
Website: www.kilgour.co.uk

Contact: Ray Kilgour
Position: Managing Director

Kilgour specialises in machining, surface treatments and sub assemblies of aerospace components with 3 to 5 axis CNC milling machines and up to 8 axis Mil-Turn machines.

Our surface treatments company offers services such as NDT, Penetrant, Magnetic, Anodic & Visual. Wet processes such as Chromic Acid Anodize, Alocrom 1200 and passivation of stainless steels, various coatings such as Prime, Finish Paints and Molycote. All backed up with our AS 9100 and NADCAP accreditations. We currently machine hard and soft materials.

Manchester Precision Engineering Ltd

Address: Oldham Street
Denton
Manchester
Greater Manchester
M34 3SW

Tel: +44 (0) 161 304 2000
Fax: +44 (0) 161 304 2011
Email: d.ashworth@manchesterpe.com
Website: www.harveymanchester.com

Contact: Dave Ashworth
Position: Sales & Technical Director

Harvey’s manufacture master models, mould tools and assembly fixtures for the aerospace and automotive industries and offer capacity for precision 3 and 5 axis CNC machining up to 12m x 4m x 2m.

Inspection verification of all tooling is carried out via CMM touch probe machines or laser tracking units and all processes are supported by our internal CAD/CAM dept. Each of our bays contain assembly and handling areas and have a minimum of one 20 ton over head crane.
Matsuura provide CNC machining solutions that focus upon the cost effective manufacture of aerospace components and materials.

Through the seamless integration of proven automation solutions, tailored to your specific workload, we assist our customers in defining financially justifiable production solutions across multi axis machines to maximise your productivity and profitability.
Perfect Bore Manufacturing Ltd

Address: Unit 3 Hunstrete House
Sterling Park
East Portway Industrial Estate
Andover
Hampshire, SP10 3TZ

Tel: +44 (0) 1264 360800
Fax: +44 (0) 1264 360809
Email: steve.amey@pbm-ltd.com
Website: www.pbm-ltd.com

Contact: Steve Amey
Position: Technical Sales Director

Perfect Bore provides singular and turn-key solutions to both internal and external surface machining operations through it’s gundrilling, deep-hole boring, honing, super finishing and CNC capabilities.

The company is accredited to AS 9100 and is committed to providing aerospace, defence, nuclear and oil and gas markets with bore solutions to highly critical parts.

The development of its processes through lean manufacturing initiatives also enables the company to offer cost effective solutions to its clients.

Blackburn based Partwell was established in 1979 and specialised in cutting technology. The company has now expanded into a number of other areas within the manufacturing industry. Partwell supplies machinery, cutting steels, sheet and machined plastics, accessories and services which enhance cutting techniques for swift, problem free production.

With over 30 years experience the company is proud of it’s history and its friendly, flexible service but it is also very aware of modern business demands. It is totally committed to providing high quality products, a speedy response, design innovation and new product development.
Produmax Limited

Address: The Tannery
Station Road
Otley
Leeds
West Yorkshire
LS21 3HX

Tel: +44 (0) 1943 461713
Fax: +44 (0) 1943 850228
Email: jeremyr@produmax.co.uk
Website: www.produmax.co.uk

Contact: Jeremy Ridyard
Position: Managing Director

Produmax are a high precision sub-contract engineering company who have been supplying high quality machined components and assemblies for over 40 years.

The success of Produmax has been as a result of prudent investment in state of the art CNC machinery including 5 axis milling and 14 axis turning centres.

The company has a highly skilled and stable workforce working to an ISO approved quality system since 1988.

Regal are a manufacturer of precision components with in-house processing providing NDT and passivation.

Boasting a talented and skilled workforce, Regal provide machining solutions for small to medium sized parts.

An important part of the supply chain to aircraft and aero-engine manufacturers, Regal continue to build on 30 years of success.
Shermaynes Engineering Limited

Address: Southgate Industrial Centre  
White Lund  
Morecambe  
Lancashire  
LA3 3PB

Tel: +44 (0) 1524 69333  
Fax: +44 (0) 1524 33797

Email: info@shermaynes.co.uk  
Website: www.shermaynes.co.uk

Contact: Mark Easton  
Position: Engineering Director

High quality sub-contract sheet metal, fabrication,  
powdercoating and mechanical / electrical / pneumatic  
assembly.

Silcoms Ltd is the United Kingdoms leading supplier of  
machined rings, casings, seals and segments, as components or  
assemblies, to the aero engine and gas turbine industries.

Using the latest CNC technology and lean manufacturing  
techniques, Silcoms manufactures complex ring type  
components, up to 2 metre diameter, in super alloys, stainless  
steel, titanium and aluminium.

The company offers a complete service, including kitting and  
the control of specialist treatments and sub-tiers.
North West Aerospace Alliance

Address: Chapel Street
Melbourne
Derbyshire
DE73 8JF

Tel: +44 (0) 1332 864455
Fax: +44 (0) 1332 864005

Email: bob@stargb.com
Website: www.stargb.com

Contact: Bob Hunt
Position: Managing Director

Leading supplier of Sliding Head CNC Machines in the UK.

Symmetry Medical - Sheffield

Address: Beluah Road
Sheffield
South Yorkshire, S6 2AN

Tel: +44 (0) 114 285 5881
Fax: +44 (0) 114 233 6978
Email: Mike.Parry@Symmetrymedical.com
Website: www.symmetrymedical.com

Contact: Mike Parry
Position: Business Development Director

Part of the Symmetry Group, we produce forged and machined components for the worlds leading aerospace, power generation, defence and petrochemical companies.

Together with group companies in the USA. Jet Inc and Clamonta in the UK, we can provide a complete forging service from modelling, on site tool and die manufacturing, proofing, volume trials through to final surface treatments such as shot peening and chemical cleaning. These services can also be utilised to provide low volume, high value technical forgings which can be fully machined within the group to provide an engine ready product.

Product specialty and experience centre on precision and oversized compressor blades and complex structural forgings.
The Tritech Group

Address: Bridge Road North
Wrexham Industrial Estate
Wrexham
LL13 9PS

Tel: +44 (0) 1978 661111
Fax: +44 (0) 1978 666028

Email: sales@tritechgroup.co.uk
Website: www.tritechgroup.co.uk

Contact: Andrew Cheers
Position: Business Development Manager

Tritech Group encompasses three main sites in the UK, together with strategic partnership in India offering sustainable divestment for lower cost options.

Supporting major Aerospace and Defence customers from initial design advice, to supply of fully kitted or assembled machined and treated investment castings.


Customers are offered a precision CNC machining, assembly & programming service provided by a range of sixteen (16) multi-axis machining centres including Mazak Integrex mill/turn and 5axis Variaxis. The combination of high torque allied to high speed multi-axis machining enables the company to adequately deal with the continuing growth of hard metal, titanium & Inconel parts whilst continuing to produce complex prismatic aluminium parts.

Known for its customer focused forward investment policy the company has, in 2012, already committed capital expenditure to the further purchase of six (6) new Mazak multi-axis CNC machining centres in anticipation of a major move to larger premises, again in 2012. In a concerted effort to expand both its product and customer bases and open new and profitable avenues for growth, the company has committed resources to its latest exciting venture; the multi-axis machining of Composites.

All these services are offered under the umbrella of the companies Quality approvals EN ISO 9001 & AS/9100 Rev B and focus on Customer service needs.

T & R Precision Engineers Ltd

Address: Lowther Lane
Foulridge
Colne, BB8 9QP

Tel: +44 (0) 1282 862116
Fax: +44 (0) 1282 867036
Email: ray.maddison@trprecision.co.uk
Website: www.trprecision.co.uk
Contact: Ray Maddison
Position: Managing Director

Customers are offered a precision CNC machining, assembly & programming service provided by a range of sixteen (16) multi-axis machining centres including Mazak Integrex mill/turn and 5axis Variaxis. The combination of high torque allied to high speed multi-axis machining enables the company to adequately deal with the continuing growth of hard metal, titanium & Inconel parts whilst continuing to produce complex prismatic aluminium parts.

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All these services are offered under the umbrella of the companies Quality approvals EN ISO 9001 & AS/9100 Rev B and focus on Customer service needs.
Transtar Metals

Address: 1 Meredews
Letchworth Garden City
Hertfordshire
SG6 1WH

Tel: +44 (0) 1462 687 650
Fax: +44 (0) 1462 684 642
Email: mkershaw@amcastle.com
Website: www.amcastle.com

Contact: Martin Kershaw
Position: Business Development Executive

Castle Metals Aerospace is the recognised leader of high performance metals and supply chain solutions in support of the Global Aircraft and Aerospace Industries.

Our stocking and processing facilities have access to over 70,000 product types including: Aluminium, Titanium and Stainless Steel and other Specialist alloys.

Wheelabrator Group owns, designs, manufactures and provides wheelblast, airblast, wetblast and vibratory mass finishing equipment for surface preparation and cleaning, and serves a variety of sectors on a global scale. It also provides specialist subcontract peening services, through its Impact Finishers team which holds the aerospace industry’s acclaimed Nadcap accreditation. Wheelabrator Groups’ after-care division, Wheelabrator Plus provides customers with first class service and services, which includes regular visits from a specialist engineer, full machinery inspections, replacement of damaged or out-of-date parts (Wheelabrator or other), equipment modernisation programmes, abrasive media and consumables.
Whitwam Precision Components Ltd

Address: Upper Black Carr Mill
Skipton Road
Trawden, BB8 8QU

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Fax: +44 (0) 1282 860028
Email: matt.wpc@btconnect.com
Website: www.whitwam.eu
Contact: Matthew Whitwam
Position: Director

Whitwam Precision Components are a provider of high precision CNC machined components to a range of aerospace companies within the UK. Our AS9100:2008 approval ensures that quality is always at the forefront of our business and enables us to provide an efficient, cost effective service to our customers. In addition, we provide de-tagging and deburring services and have a laser inspection machine that can be used for reverse engineering and also first article inspection. We can provide part detail drawings in most file formats from either a sample component or physical drawing such as mylars.

Airbus Operations Ltd.......................... 48
Attwater & Sons Ltd.......................... 26
Capalex........................................... 49
EDM Ltd........................................... 52
Fort Vale Engineering Ltd...................... 54
Hexagon Metrology............................. 58
Hyde Aero Products............................ 59
Jones Stroud Insulations....................... 60
Metrology Software Products Limited........ 62
Rolled Alloys.................................... 29
Sheen Spark Ltd................................ 152
Shermaynes Engineering Limited............. 98
T & R Precision Engineers Ltd................ 100
Teledyne CML Group Ltd....................... 68
The Denis Ferranti Group....................... 69
The Waterjet Group............................ 30
ThyssenKrupp Aerospace UK Ltd............. 30
United Springs Ltd............................ 69
Yamazaki Mazak UK Ltd....................... 72
BAE Systems is a global defence and security company employing around 100,000 people worldwide.

Our wide-ranging products and services cover air, land and naval forces, as well as advanced electronics, security, information technology, and support services.

Goodrich has one of the broadest portfolios of systems and products in the aerospace industry and primarily provides proprietary, flight-critical products. The company offers systems and products for large commercial aircraft, business and regional aircraft, helicopters, engines and for defence and space applications. Goodrich focuses on increasing value for customers through innovative technology that increases operating efficiency and reduces life cycle costs, supported by a global aftermarket. Goodrich original equipment is on almost every aircraft flying. Our customers reduce risk by choosing OE parts: we make sure value is part of the package. Along with Goodrich’s capabilities as an Original Equipment Manufacturer (OEM) for aerospace and defence systems and products, our company has one of the largest aftermarket support organisations in the world. As an aerospace and defence OEM of systems and products, we know our products better than anyone else.
North West Aerospace Alliance

Guyson International Limited is the largest independent manufacturer of blast finishing, spray washing and ultrasonic cleaning equipment in Europe and supplies a worldwide customer base.

Based in Skipton in the north of England on an extensive 10,000sq. metre site, housing our own design, demonstration, manufacturing, sales, warehousing and distribution facilities, we are registered to BS EN ISO 9001: 2000. Guyson is also the UK distributor of the Hansen ranges of quick connect and quick-release couplings and Kaptech high quality hoses, via a separate division based near Leeds.

H P Inman & Co Ltd

Address: Westway House
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Burnley
Lancashire
BB12 6QP

Tel: +44 (0) 1282 455455
Fax: +44 (0) 1282 457745

Email: peter@hpinman.co.uk
Website: www.hpinman.co.uk

Contact: Peter Inman
Position: Director

Manufacturers of quality precision pressed components and suppliers of engineering sub contract services.
Jacquet Weston Engineering

**Address:** Tower Works, Membury Airfield
Ramsbury Road
Lambourn
Hungerford
Berkshire, RG17 7TJ

**Tel:** +44 (0) 1488 674400
**Fax:** +44 (0) 1488 674400
**Email:** info@jweltd.com
**Website:** www.jweltd.com

**Contact:** Nick Weston
**Position:** Managing Director

Leading manufacturers of electroplating and surface finishing equipment in the UK and the largest industry specialist stockholder of new and used spares in Europe.

Our new industry focused factory provides considerable advantages including the significant ability to pre-assemble and test dry run all plants for client inspection prior to delivery, and ongoing stock supply and management.

JWE can supply a comprehensive range of spares including parts for other manufacturers equipment. We also specialise in extensive refurbishment or relocating of plating plant and finishing equipment.

Johnson & Allen Ltd

**Address:** Neocol Works
Smithfield
Sheffield
South Yorkshire
S3 7AR

**Tel:** +44 (0) 114 273 8066
**Fax:** +44 (0) 114 272 9842
**Email:** jonathan@johnsonandallen.co.uk
**Website:** www.johnsonandallen.co.uk

**Contact:** Jon Johnson
**Position:** Managing Director

Manufacturer of NDT equipment specialising in magnetic particle and dye penetrant equipment and systems for surface crack detection. J & A specialise in purpose built flourescent penetrant lines and M.P.I bench units.

Other associated products include UV light, magnetometers, demagnetisers and hardness testing.

Recently J & A has started to introduce resonance testing of aircraft components into the industry with a joint Anglo American partnership - ‘Vibrant N.D.T Ltd’ based on the A.M.R.C site in Rotherham. Most of the work to date has been on the R & D side.
Kennametal UK Ltd

Address: PO Box 29
The Pensnett Estate
Kingswinford
Dudley
West Midlands
DY6 7NP

Tel: +44 (0) 1384 401000
Fax: +44 (0) 1384 408015

Email: kingswinford.service@kennametal.com
Website: www.kennametal.com

Contact: Brian Bates
Position: Key Accounts Aerospace & Defence

Manufacturer of cutting tools and tooling systems.

Magnesium Elektron

Address: PO Box 23
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Swinton
Manchester
Greater Manchester
M27 8DD

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Fax: +44 (0) 161 911 1020

Email: nick.jeal@magnesium-elektron.com
Website: www.magnesium-elektron.com

Contact: Nick Jeal
Position: Product Manager - Extrusions

Magnesium Elektron is a dedicated service organisation specialising in the development, manufacture and supply of magnesium products and services to technology industries worldwide.

Since the company first began processing magnesium in 1936, our team has built an enviable reputation for innovation, built upon a relentless passion to push the metallurgical boundaries of magnesium alloy technology.

Our aim is to build lasting relationships with our clients by working with them, as a partner of choice, to achieve their operational objectives.
PI Castings Ltd

Address: Davenport Lane
Altrincham
Cheshire
WA14 5DS

Tel: +44 (0) 161 925 5160
Fax: +44 (0) 161 927 7023
Email: sales@pi-castings.co.uk
Website: www.pi-castings.co.uk

Contact: David Farncombe
Position: Sales Director

We manufacture investment castings in aluminium, low alloy steels, stainless and high alloy materials for aerospace, defence equipment, electronics, medical and general engineering.

PI Castings have machining, testing and NDT facilities and their own Rapid Prototyping equipment. Approved to BS EN ISO 9001:200, AS 9100, NADCAP, AECMA EASE and numerous UK and oversea organisations.

Phase Vision is a UK based manufacturer of advanced 3D scanning systems for inspection or reverse engineering of components and assemblies. Our range of white light Quartz scanners create highly accurate 3D digitised models of parts which can be compared to the CAD model in order to create detailed inspection reports perfect for analysing castings, forgings, patterns, moulds, sheet metal components and composites for First Article or in-line production part inspection. Our unique and patented technology Quartz technology can work in normal ambient lighting conditions, close to the production line, acquiring millions of data points on a component surface in just a few seconds inspection time.
**Pryor Marking Technology**

**Address:** Egerton Street  
Sheffield  
South Yorkshire  
S1 4JX

**Tel:** +44 (0) 114 276 6044  
**Fax:** +44 (0) 276 6890  
**Email:** enquiries@pryormarking.com  
**Website:** www.pryormarking.com

**Contact:** David Thompson  
**Position:** Applications Engineer

Manufacturers of marking and traceability products and technology. Our range extends from hand stamping and engraved products to the latest in computer controlled dot-peen, chemical etching and laser technology.

---

**RLC Engineering Group**

**Address:** C/O RLC UK Ltd  
Metcalf Drive  
Altham Industrial Estate  
Altham  
Accrington  
Lancashire  
BB5 5AY

**Tel:** +44 (0) 1282 688500  
**Fax:** +44 (0) 1282 688501  
**Email:** enquiries@rlc-group.com  
**Website:** www.rlc-group.com

**Contact:** Ian Hindle  
**Position:** Director of Group Business Development

RLC Engineering Group specialises in the provision of complex manufactured products and integrated supply solutions principally to the aerospace and power generation industries.

We operate from 3 manufacturing sites in the Isle of Man, North West England and Northern Ireland. RLC integrates the capability of the global aerospace supply chain with in-house complex machining, treatment, assembly and test to deliver a single source solution to its current and future customers.
North West Aerospace Alliance

Rolls-Royce PLC

Address: PO Box 3
         Barnoldswick
         Colne
         Lancashire
         BB18 5RU

Tel: +44 (0) 1282 818020
Fax: +44 (0) 1282 818099

Email: mary.thackray@rolls-royce.com
Website: www.Rolls-Royce.com

Contact: Dawn Wareing
Position: Business Development Executive

Rolls-Royce is a global business providing integrated power systems for use on land, at sea and in the air.

Rolls-Royce has a broad customer base comprising more than 500 airlines, 4,000 corporate and utility aircraft and helicopter operators, 160 armed forces, more than 4,000 marine customers, including 70 navies, and energy customers in more than 80 countries.

Surface Finishing Engineering Limited offers a full design, manufacture and installation service of metal finishing process plant and equipment.

We specialise in the installation of wet dip process plant. Our in house design and manufacturing base in the midlands, is equipped with ample space and state of the art technology to keep SFE UK, at the forefront of the industry. We offer consultation services and design support for all
Techni Grind (Preston) Machining Ltd

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          Red Scar Business Park
          Longridge Road
          Preston
          Lancashire
          PR2 5ND

Tel: +44 (0) 1772 651255
Fax: +44 (0) 1772 651211

Email: enquires@techni-grind@fs.net
Website: www.techni-grind.co.uk

Contact: Robert Kirkby
Position: Managing Director

Precision tool and cutter grinding.

Unison Engine Components - Burnley

Address: Network 65 Business Park
          Hapton
          Burnley
          Lancashire
          BB11 5TG

Tel: +44 (0) 1282 478744
Fax: +44 (0) 1282 478840

Email: steve.ruth@unisonec.com
Website: www.unisonec.com

Contact: Steve Ruth
Position: Engineering Leader

An unrivalled international reputation in the field of design, test, manufacture and service of gas turbine fuel injection systems and related combustion components.
North West Aerospace Alliance

VBC Ltd

Address: Castle Business Park
Pavilion Way
Loughborough
Leicestershire
LE11 5GW

Tel: +44 (0) 1509 218008
Fax: +44 (0) 1509 211552

Email: sales@vbcgroup.com
Website: www.vbcgroup.com

Contact: Paul Wilkinson
Position: Managing Director

A leading global supplier of specialised brazing and welding filler materials and manufacturer of innovative and bespoke welding systems.

Wenzel UK Ltd

Address: 29 Brunel Court
Waterwells Business Park
Gloucester
Gloucestershire
GL2 2AL

Tel: +44 (0) 1452 728298
Fax: +44 (0) 1452 728288

Email: info@uk.wenzel-cmm.com
Website: www.wenzel-cmm.co.uk

Contact: Martin Hawkins
Position: General Manager

Part of the Wenzel Group, the only family owned metrology systems provider.
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitzpatricks (UK) Limited</td>
<td>54</td>
</tr>
<tr>
<td>Granada Material Handling Ltd</td>
<td>57</td>
</tr>
<tr>
<td>Rainford Precision Machines</td>
<td>159</td>
</tr>
<tr>
<td>The Waterjet Group</td>
<td>30</td>
</tr>
</tbody>
</table>
“In all the time we have been involved with the NWAA we have never failed to have been impressed by their intrinsic capability and the honest, friendly, professional support they readily provide.”

John Gregson
Senior Partner, Briarcroft Associates
A-Z

NORTH WEST COMPANIES
MAINTENANCE, REPAIR &
OVERHAUL

North West Aerospace Alliance
North West Aerospace Alliance

Air & Ground

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ST18 0PN

Tel: +44 (0) 1889 271777
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Email: sales@airandground.com
Website: www.airandground.com

Contact: Ian Dodds
Position: Company Director

We supply and distribute aircraft parts and aviation support equipment, across both the civil and military sectors. We provide dedicated support to the UK MoD and DE&S as well as a number of large OEMs such as BAE Systems, GKN and Agusta Westland, supporting both fixed and rotary wing platforms.

Chevron Technical Services Ltd

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Tel: +44 (0) 161 902 9029
Fax: +44 (0) 161 902 9009
Email: neil@chevrontechnicalservices.com
Website: www.chevrontechnicalservices.com

Contact: Neil Morris
Position: Managing Director

Chevron Technical Services provide complete aerospace solutions. Our services include component repair and overhaul, aircraft maintenance, logistics and recruitment services.

At Chevron, our culture is based on offering a quality service and we take pride in what we do and the way that we do it. With over 30 years of aircraft engineering experience supporting worldwide based organisations, Chevron has the track record, expertise and the versatility necessary to satisfy the most demanding standards required by the aerospace industry.

Strategically positioned just 5 motorway miles from Manchester Airport, Chevron is in the perfect position to respond rapidly to your engineering, recruitment and logistical needs.
North West Aerospace Alliance

Trescal

Address: Saxony Way
          Blackbushe Business Park
          Yately
          Hampshire
          GU46 6GT

Tel:       +44 (0) 1252 533300
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Email:     john.adams@trescal.com
Website:   www.trescal.com

Contact:   John Adams
Position:  National Technical Manager

Trescal offers a wide range of calibration services through an unequalled worldwide network of over 150 calibration laboratories and satellites.

Our strategy is to offer our customers a truly one stop solution wherever they are located. This is achieved by delivering a consistently high quality service that covers a broad range of parameters.
A-Z
NORTH WEST COMPANIES
OTHER
North West Aerospace Alliance
3T RPD Ltd

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Wofford Way
Newbury
Berkshire, RG19 6HD

**Tel:** +44 (0) 1635 580284
**Fax:** +44 (0) 1635 569857
**Email:** post@3trpd.co.uk
**Website:** www.3trpd.co.uk

**Contact:** Phil Kilburn
**Position:** DMLS Sales Manager

3T RPD are specialists in Selective Laser Sintering (SLS) and Direct Metal Laser Sintering (DMLS), both are Additive Manufacturing technologies.

SLS and DMLS enable the manufacture of plastic or metal prototypes and production components. Materials are Nylon or GFN (SLS) and Titanium 6Al4V, Aluminium, Nickel based alloys, Stainless Steel (DMLS). See website for materials and mechanical properties.

---

ABS Group

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Warrington, Cheshire
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**Tel:** +44 (0) 1925 287300
**Fax:** +44 (0) 1925 287303
**Email:** dholden@eagle.org
**Website:** www.abs-qe.com

**Contact:** David Holden
**Position:** Regional Manager

ABS - QE is part of the global ABS Group of companies. We provide a range of management system services, including process improvement audits, certification to the full range of international standards, training, vendor assessment and supply chain auditing and bespoke projects agreed with clients.

We have completed significant projects with OEM’s, including global certification of Embraer and training with Boeing, and deal with a number of tier 1 suppliers including Aerojet and Dupon.
North West Aerospace Alliance

Aegis is a leading Health & Safety consultancy within the construction, aerospace and engineering sectors. We provide construction design and management co-ordination (CDM-C) for construction and engineering projects, as well as traditional health and safety advising. We also have PUWER, BREEAM and fire safety advisors.

Formed in 1995, Aegis has established a reputation for excellence in the support provided for clients through work on over 3000 projects. We are a professionally managed business with an ethos of establishing close, sustainable and mutually beneficial long term relationships with clients. Our staff have extensive specialist engineering experience gained through working on a wide range of equipment and machinery.

Beldam Crossley are a manufacturer of high performance seals and components for a wide range of applications.

As a supplier of products to prime manufacturers and tiered suppliers in the aerospace industry for over 60 years, we have a reputation synonymous with quality and service.
North West Aerospace Alliance

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Website: www.blackburn.gov.uk
Contact: Clare Turner
Position: Development Manager

Blackburn with Darwen Council is a Unitary Council with a superb manufacturing base located in the heart of Pennine Lancashire.

The Authority was awarded ‘Council of the Year 2011’ by the Local Government Chronicle.

Blum are a provider of in-house metrology solutions to help you achieve more productivity and accuracy from your machine tools.

Amongst our solutions are systems to inspect the part and accurately set the cutting tools.

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Lichfield
Staffordshire
WS13 8AA
Tel: +44 (0) 1543 257111
Fax: +44 (0) 1543 251746
Email: david@blum-novotest.co.uk
Website: www.blum-novotest.co.uk
Contact: David Mold
Position: Director
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         Oldham
         Lancashire
         OL9 9LZ

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Fax: +44 (0) 161 627 2356

Email: sales@ceramicseals.co.uk
Website: www.ceramicseals.co.uk

Contact: Jonathan Foreman
Position: Director

Ceramic Seals specialises in the design and manufacture of hermetically bonded ceramic and sapphire to metal components for operation in hostile environments.

Ceramic Seals products can be found in electronic and infra-red sensing systems, applications include fuel and engine monitoring. In house processes include metal working and vacuum brazing.
Chamber of Commerce East Lancashire

Address: Red Rose Court
Clayton Business Park
Accrington
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BB5 5JR

Tel: +44 (0) 1254 356430
Fax: +44 (0) 1254 388900

Email: commercial@chamberinternet.co.uk
Website: www.chamberlancs.co.uk

Contact: Stewart Maloney MCIPS
Position: Commercial Director

East Lancashire Chamber has over 1000 members who benefit from a bespoke range of products and services.

The chamber provides business support services into the wider business community, with specific emphasis on gaining new markets, increasing sales and reducing costs.

Guidance is given by experienced practitioners on how to be more competitive at home and overseas and extensive training is offered.

DSV Air & Sea Ltd

Address: McNeil Drive
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Motherwell
North Lanarkshire
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Tel: +44 (0) 800 804 8208
Fax: +44 (0) 1698 731837

Email: rob.paterson@uk.dsv.com
Website: www.dsv.com

Contact: Rob Paterson
Position: Corporate Aerospace Manager UK

DSV Air & Sea with its specialist knowledge in the aerospace industry offers complete global transportation solutions, covering production parts, aircraft engines, spare parts, AOG and MRO shipments.

We are committed to offering exemplary expertise in supply chain consulting, implementation and execution. With 570 offices across 62 countries - our service knows no limits.

Global aerospace is dynamic and innovative and so are we!
North West Aerospace Alliance

Financial Affairs

Address: 8 - 12 Standish Street
Burnley
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BB11 1AP

Tel: +44 (0) 1282 452255
Fax: +44 (0) 1282 412336
Email: info@financialaffairs.co.uk
Website: www.financialaffairs.co.uk

Contact: Helen Guy
Position: Director

Corporate Insurance Brokers and Independent Financial Advisers with over 40 years experience of working with clients in all areas of the Engineering Industry from sole traders to multinational companies.

Our mission is to provide high quality Insurance and Financial Services with a personal approach, providing a dependable service through dedicated customer support, specialist knowledge and competitive rates.

Haleys Chartered Accountants

Address: Thomas House
Pope Lane
Meadowcroft Business Park
Preston
Lancashire
PR4 4AZ

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Email: tim.haleys@haleys.info
Website: www.haleysca.co.uk

Contact: Tim Haley
Position: Director

Haleys are passionate about helping established engineering businesses in the aerospace sector to increase profitability, increase their value and making life more enjoyable.
Hurst Green Plastics Ltd supply many world class organisations with their unique and innovative kanban storage and dispensing systems for fasteners and other small parts. The TwinBin, FlagBin, TripFlag and kitting systems help companies save time, effort and money in reducing inventory and administration costs and help gain complete stock control.

Inovaris provides a series of comprehensive business support solutions at a highly affordable price, including strategic business planning, workforce development, digital support and access to finance / grants. Our most popular services include bespoke software design (including mobile apps) and securing grant funding for R&D, including GRAND/SMART and R&D tax credits.
**J & P Group**

**Address:** Red Hill House  
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Chester  
Cheshire  
CH4 8BU

**Tel:** +44 (0) 1244 525920  
**Fax:** +44 (0) 1244 524272

**Email:** info@jandpgroup.com  
**Website:** www.jandpgroup.com

**Contact:** Alan Mackey  
**Position:** Commercial Director

J & P Group is the Uks leading specialist engineering resource provider.

Our engineering services division provides strategic maintenance services to Airbus UK, BAE Systems and other leading aerospace manufacturers.

This core engineering service is augmented by a range of expert services that includes facilities management, stores control and inventory management, contract labour provision, procurement, warehousing and logistics plus consultancy.

---

**Kuehne and Nagel Ltd**

**Address:** Bell Meadow Business Park  
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CH4 9EP

**Tel:** +44 (0) 1244 577000  
**Fax:** +44 (0) 1244 577000

**Email:** david.godefroy@kuehne-nagel.com  
**Website:** www.kuehne-nagel.com

**Contact:** David Godefroy  
**Position:** Programme Manager

Kuehne and Nagel is a global third party logistics service provider delivering end-to-end supply chain management, including warehousing and distribution, specialising in high-tech, retail, healthcare, industrial & auto industries.
Lancashire Enterprise Partnership

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Email: enquiries@lancashirelep.co.uk
Website: www.lancashirelep.co.uk

Contact: Ian Fisher
Position: Company Secretary

Lancashire Enterprise Partnership is a private/public sector alliance promoting investment, job creation and economic growth in Lancashire.

We encourage and support businesses to capitalise on the county’s strengths as a place to do business and have an influential role in directing local economic development activity including the allocation of various public funding streams.

Nelson Quality Welders

Address: 2A Fleet Street
Nelson
Lancashire, BB9 7XN

Tel: +44 (0) 1282 614203
Fax: +44 (0) 1282 611433
Email: asmith@nqwelders.co.uk
Website: www.nqwelders.co.uk
Contact: Anne Smith
Position: Director

We possess the expertise, flexibility and capabilities to undertake a wide range of aerospace related applications, in addition to more general metal joining tasks and welding.

Our specialist activities include manual TIG welding and hardsurfacing welding operations on a wide variety of turbine blades, compressor/rotor blades, nozzles guide vanes (NGVs) for aero, marine and industrial turbines, plus welding of various engine and airframe components. We have extensive knowledge and experience of working with an array of materials including steels, stainless steels, nickel based heat resisting alloys, aluminium and titanium.

Nelson Quality Welders hold approvals: AS 9100, BS EN ISO 9001-2008, NADCAP welding special process, Rolls-Royce supplier approval and we supply services to various other industry leaders.
North West Aerospace Alliance

Borough of Pendle

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Nelson
Lancashire
BB9 0LX

Tel: +44 (0) 1282 661681
Email: dorothy.morris@pendle.gov.uk
Website: www.pendle.gov.uk

Contact: Dorothy Morris
Position: Regeneration Projects Manager

Our varied services include: Business support and Advice. Property and company register. Start-Up support, Employment support, Town Centre Grants & Improvements, Regeneration projects, Tourism development and grant support, Events, Business Awards.

SDV Limited

Address: Unit 4 Alpha Point
Bradnor Road
Sharston Industrial Estate
Manchester, M22 4TE

Tel: +44 (0) 161 946 1066
Fax: +44 (0) 161 946 0908
Email: d.jeacock@sdv.com
Website: www.sdv.com

Contact: Doug Jeacock
Position: Northern Sales Director

Aerospace logistics providing specific expertise and innovative supply chain solutions.

Drawing on 50 years experience with flexible services covering every aspect of the industry, including airlines, leasing companies, helicopter, operators, aircraft & engine, OEM, MRO services and Government depts. 500+ SDV offices globally with dedicated aerospace control towers monitoring all movements.

Remote client access through web portal linking full tracking of POs and dedicated tracking of AOG movements. ISO quality umbrella offering internal and external KPI and performance reporting.
Smithers Rapra plastics, rubber and composites technical services can prevent, identify or solve problems and improve or ensure continuing quality. Supported by comprehensive testing, analysis and information facilities, technologists can tackle most polymer related projects. Whilst details of specialist services are available on the website, the following represents Smithers Rapras core technical expertise: Materials selection and application support, Product design & development, Manufacturing process assessment and development, Prototyping & small scale/specialist production, Engineering & tooling, Fault & Failure diagnostic, Material and Product testing & analysis.

SSI Schaeffer is a market leader in the field of planning and implementing integrated logistics systems. We stand for innovative solutions all from one source, worldwide.

We offer variety of Static, Dynamic and Automated Storage and Handling systems that will provide you with the correct and most efficient solutions to your requirements.
The Stonecracker Scientific Legal Network is the first and only known network of legal professionals focused on R&D tax credit law.

Stonecracker has the knowledge and experience in both technology and law to advise and guide our clients for maximum R&D tax credits.

Were an IT company – but one like you’ve never met before.

In our region were unique in our accreditations and project experience. Our combination of Microsoft Gold Certified Partner and Sage Business Partner are rare, and we’ve got a unique history of projects working with businesses in manufacturing.

We are proud to have been chosen by the NWAA to design, implement and support the organisations IT and business systems.
North West Aerospace Alliance

Tekdata interconnect systems

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         Etruria, Stoke on Trent
         Staffordshire, ST1 5SQ

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Fax: +44 (0) 1782 254701
Email: ernie.edwards@tekdata-interconnect.com
Website: www.tekdata-interconnect.com
Contact: Ernie Edwards
Position: Managing Director

Turn-key outsourcing capability for avionics, defence, space, autosport and NDI Company of the Year for Innovation. Capabilities are almost unrivalled in breadth, including electric/electronic cable and harness design, qualification, rapid prototyping and manufacture (copper, fibre optic, metal alloys and cryogenic), complex cabinet/box assembly, test, commissioning, repair and maintenance. With its Cryoconnect products, Tekdata is one of very few companies meeting NASA’s demanding standards for interconnection systems. Tekdata designs solutions to function, size, weight, routing and/or cost. Tekdata operates from a UK-based 40,000 sq ft facility on a prestigious industrial site and holds certification to AS9100 REV C and ISO 9001:2008 and approvals (including preferred supplier status) from major aerospace, space and military primes.

Turner & Townsend

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         Liverpool
         Merseyside
         L3 9AG

Tel: +44 (0) 151 255 2730
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Website: www.turnerandtownsend.com
Contact: John Laverick
Position: Director

Turner & Townsend was formed in 1946 to provide expert management services and consultancy to the construction industry.

Since then, we have grown and diversified to the point where today we deliver successful outcomes for our clients by blending our in house expertise in project management, cost management and management consultancy with the services of leading design partners to create an integrated delivery team.

Our service offering can be sub-divided into 4 core offerings: Consultancy, Delivery, Operations, Programme Management.
Wincanton are partnership driven with a proactive, but non-prescriptive approach to operational methodology.

We offer a comprehensive logistics support capability which includes amongst many: Inbound logistics to manufacturing, the collection, receipt, collation, storage, kitting and delivery to production line of inbound components.

Wincanton strives to achieve operational excellence focusing closely on customer needs. Please visit the website for additional information.
A-Z

NORTH WEST COMPANIES
PROCESS TREATMENTS

North West Aerospace Alliance
Bodycote Heat Treatments Ltd

Address: Springwood Court
Springwood Close
Tytherington Business Park
Macclesfield
Cheshire
SK10 2XF

Tel: +44 (0) 1625 505300
Fax: +44 (0) 1625 505320

Email: fiona.kerfoot@bodycote.com
Website: www.bodycote.com

Contact: Fiona Kerfoot
Position: Sales Office Secretary

Bodycote, the world’s leading thermal processing company, provides a vital link in the manufacturing supply chain offering heat treatment and metal joining, HIP and surface technology services from Nadcap accredited facilities around the world.

Extensive knowledge, expertise and renowned quality service keeps Bodycote at the leading edge of engineering technology.

Deloro Stellite

Address: 103 Cheney Manor Industrial Estate
Swindon
Wiltshire
SN2 2PW

Tel: +44 (0) 1793 498540
Fax: +44 (0) 1796 498502

Website: www.delorostellite.com
Contact: Michelle Gibson

Deloro Stellite is a global provider of innovative solutions to challenging wear problems.

Our Swindon facility has 2 HVOF booths spraying Tungsten Carbide and Thermal Spray Coatings which is NADCAP approved. Our specialist products and manufacturing services help extend the life of components in demanding environments where heat, corrosion and abrasion limit their life.

We have extensive materials know-how particularly in Cobalt and Nickel based alloys along with comprehensive knowledge of a wide range of applications. For more than 100 years our reputation for excellence, dependability and innovation have been unrivalled.
Hycrome (Europe) Ltd

Address: Widow Hill Road
Heasandford Industrial Estate
Burnley
Lancashire, BB10 2TT
Tel: +44 (0) 1282 418300
Fax: +44 (0) 1282 418310
Email: paulr.sconce@score-group.com
Website: www.hycrome.com
Contact: Paul Sconce
Position: Sales & Business Development

Hycrome was founded in 1947 from a long established family engineering business and commenced its principal development in 1951 when a Hard Chrome Plating facility was introduced to compliment the spring, wire forming and presswork manufacturing facilities.

The expertise built up over 50 years has made Hycrome a specialist in the application of hard chrome, sulphamate nickel plate and electroless nickel plate. However Hycrome has evolved to provide many other services other than electroplating. To service the requirements of the plating department, our machine shop has been developed to provide precision grinding and metal finishing capabilities.

In 1990 Hycrome became a wholly owned subsidiary of Score Group PLC and in 1997 Hycrome relocated to a modern 63,000SQ FT factory. Continuous investment has allowed Hycrome to install additional facilities such as HVOF and Plasma Applied Coating, a large CNC Manufacturing Cell and Laser Fusion Welding.

Keighley Laboratories Ltd

Address: Croft House
South Street
Keighley
West Yorkshire
BD21 1EG
Tel: +44 (0) 1535 664211
Fax: +44 (0) 1535 680604
Email: lstott@keighleylabs.co.uk
Website: www.keighleylabs.co.uk
Contact: Leonard Stott
Position: Customer Support Metallurgist - Technical Services

Specialists in the heat treatment of metals and metallurgical laboratory services. We have extensive experience within diverse industries such as oil and gas, marine, aerospace, defence, petrochemical and renewable energy.

King & Fowler

Address: Harrison Way
Brunswick Business Park
Liverpool
Merseyside
L3 4BG

Tel: +44 (0) 151 709 8411
Fax: +44 (0) 151 709 2622

Email: abold@aerogistics.com
Website: www.aerogistics.com

Contact: Alan Bold
Position: Operations Director

King & Fowler UK Ltd Liverpool (K&F) and King & Fowler Polska Sp. Zoo (KFP) provide a 1 stop shop process integration service to the aerospace industry through their broad range of surface treatment processes and quality approvals.

With over 120 years experience King & Fowler is established as the market leader for aerospace and defence surface treatments. Having the expertise to provide a solution from conception to production, King & Fowler have capabilities in coating, painting, heat treatment and non-destructive testing of complex and intricate coating and machining processes.

Morgan-Ward (NDT) Ltd

Address: Dale Road
New Mills
Derbyshire
SK22 4NW

Tel: +44 (0) 1663 747061
Fax: +44 (0) 1663 746837
Email: admin@morganward.co.uk
Website: www.morganward.co.uk

Contact: Simon Wright
Position: Managing Director

Morgan Ward NDT offers NADCAP and UKAS accredited non-destructive testing services including: Eddy Current, ultrasonic, radiographic, magnetic particle and dye penetrant inspection, bond testing and thermography.

We provide industry approved NDT training, examinations and Level 3 services, specifically tailored to the aerospace engineering sector. ISO 9001-2000 and BINDT accredited examination centre which offers PCN Central Certification and corporate qualification examinations to meet the requirements of EN 4179 and NAS 410. ISO 9001-2000 approved calibration and repair of most types of NDT equipment.
North West Aerospace Alliance

Pexa

Address: Springwood Business Park
Holywell Green
West Yorkshire
HX4 9BJ

Tel: +44 (0) 1422 314400
Fax: +44 (0) 1422 314401
Email: info@pexa.co.uk
Website: www.pexa.co.uk

Contact: Jim Rowbotham
Position: Managing Director

Pexa is an approved supplier of surface finishing materials. Our products include paints, coatings, NDT products including DP and MPI, surface cleaners, deoxidisers, sol-gels, corrosion inhibitors, lubricants, tapes, sealants, abrasives and spray equipment.

We are approved to ISO9001, AS9120 and by Airbus UK, BAE Systems and many other industry leaders.

Praxair Surface Technologies

Address: Drakesway
Swindon
Wiltshire
SN3 3HX

Tel: +44 (0) 7900 057900
Fax: +44 (0) 1793 611608
Email: terry_oleary@praxair.com
Website: www.praxair.com

Contact: Terry O’Leary
Position: UK Key Account Manager

Praxair offer surface treatments to Aerospace, IGT and many other markets. With approval for Roll-Royce, Boeing, Messier Dowty and many others, we offer a full range of HVOF, PLASMA, D Gun, Tribomet and cold end engine coatings.
Rösler is the world’s leading surface finishing company. We manufacture the best and widest range of shot blasting and mass finishing machines, consumables and related equipment available.

Our test facility is at your disposal to develop a surface finishing process – contact us to see what we can do for you.

The SIFCO process is a portable method of selective metallising localised areas of metal components. It is approved by such companies as Rolls-Royce, Pratt and Whitney, Messier, Westland Helicopters, BAE Systems and Boeing.

The selective plating method makes this a more economic and more environmental plating system over traditional tank plating. The process is also portable so components can be plated at our facility or on site.
North West Aerospace Alliance

Silverfield Ltd.

Aerospace surface treatments including NDT, anodise, paint, hard chrome, cadmium, inter-op heat treatment.

Address: Aldon Road
Poulton Business Park
Poulton-le-Fylde
Lancashire
FY6 8JL

Tel: +44 (0) 1253 891733
Fax: +44 (0) 1253 894404

Email: mail@silverfield.co.uk
Website: www.silverfield.co.uk

Contact: Giles Berkley
Position: MD

Surface Technology PLC

Address: Godiva Place
Coventry
West Midlands
CV1 5PN

Tel: +44 (0) 1132 480555
Fax: +44 (0) 1132 350169

Email: warren.davies@surfacetecnology.co.uk
Website: www.surfacetecnology.co.uk

Contact: Warren Davies
Position: Business Development Manager Aerospace & Defence

Surface Technology PLC supply high quality innovative surface treatments to a wide range of industry sectors through our global processing centres.

We are able to provide our aerospace and defence industry customers with a wide range of services, from surface treatments of an individual component through to full management of in-house process facilities.
North West Aerospace Alliance

Third Dimension

Address: 3 Brabazon Office Park
Golf Course Lane
Filton
Bristol
BS34 7PZ

Tel: +44 (0) 3333 443000
Fax: +44 (0) 3333 440041
Email: info@third.com
Website: www.third.com

Contact: Sara Martin
Position: Marketing Executive

Established in 1995, Third Dimension is a leading developer of non-contact optical metrology systems to the manufacturing industry.

As manufacturers of handheld and robotic inspection tools designed for shop floor use, our GapGun product range is used extensively across the globe by aerospace, turbine and automotive manufacturers.

Wallwork Heat Treatment Ltd provides a fully integrated process house encompassing aerospace approved treatments such as vacuum harden, ageing harden, solution, precipitation harden and nitriding. Processing takes place under recognised accreditations such as NADCAP, Rolls Royce, Bae and Airbus at our dedicated Aerospace centre.

This operates 24hrs 7 days/week, backed up with a comprehensive transport fleet covering most of the United Kingdom.

Wallwork

Address: Lord Street
Bury
Lancashire
BL9 0RE

Tel: +44 (0) 161 797 9111
Fax: +44 (0) 161 763 1861
Email: simeon.collins@wallworkht.com
Website: www.wallworkht.com

Contact: Simeon Collins
Position: Sales Director
## North West Aerospace Alliance

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airbus Operations Ltd.</td>
<td>48</td>
</tr>
<tr>
<td>Allegheny Technologies Ltd.</td>
<td>86</td>
</tr>
<tr>
<td>Capalex</td>
<td>49</td>
</tr>
<tr>
<td>C-Tech Innovation Ltd.</td>
<td>50</td>
</tr>
<tr>
<td>Hyde Aero Products</td>
<td>59</td>
</tr>
<tr>
<td>John Huddleston Engineering</td>
<td>93</td>
</tr>
<tr>
<td>Jones Stroud Insulations</td>
<td>60</td>
</tr>
<tr>
<td>LPD Lab Services Limited</td>
<td>28</td>
</tr>
<tr>
<td>Solidstrip Plastic Abrasives</td>
<td>29</td>
</tr>
<tr>
<td>The Denis Ferranti Group</td>
<td>69</td>
</tr>
<tr>
<td>The Tritech Group</td>
<td>100</td>
</tr>
<tr>
<td>Transtar Metals Ltd.</td>
<td>101</td>
</tr>
<tr>
<td>United Springs Ltd.</td>
<td>69</td>
</tr>
<tr>
<td>University of Manchester</td>
<td></td>
</tr>
<tr>
<td>Aerospace Research Institute (UMARI)</td>
<td>20</td>
</tr>
<tr>
<td>Washington Mills Electro Minerals Ltd.</td>
<td>32</td>
</tr>
<tr>
<td>Wheelabrator Group</td>
<td>101</td>
</tr>
</tbody>
</table>
“Since Kilgour joined the NWAA in 2005, we have benefitted substantially with their support from the ASCE 1 and 2 programmes and at the Farnborough and Paris Air Shows. I can’t thank the NWAA staff enough for all the support they have given us over the last few years.”

Ray Kilgour
Managing Director, Kilgour Industries Ltd
A-Z

NORTH WEST COMPANIES
RAW MATERIALS, CASTINGS & FORGING

North West Aerospace Alliance
Titanium Industries

Address: Unit 38
Elmdom Trading Estate
Bickenhall Lane
Marston Green
Birmingham
West Midlands
B37 7HE

Tel: 0121 782 9708
Fax: 0121 782 9705

Email: csimpson@titanium.com
Website: www.titanium.com

Contact: Craig Simpson
Position: Managing Director

Titanium and high performance metal distributors.
16 sites around the world. Vast stocks with full cutting facilities including onsite water jet cutting. Many aerospace and OEM approvals.

Valbruna UK Limited

Address: Unit 1
Bute Street
Salford
Manchester
M5 2DU

Tel: 0161 745 9190
Fax: 0161 745 9183

Email: dave.lukeman@valbruna-uk.com
Website: www.valbruna.co.uk

Contact: Dave Lukeman
Position: Branch Manager

Valbruna UK Ltd are producers and stockholders of stainless steel, nickel alloy and titanium bars and sections.

We have production facilities in Italy and the USA and distribute our products through 3 locations in the UK namely Sheffield, Manchester and West Bromwich.
Vesey Sales

Address: 55 Stonehouse Road
Sutton Coldfield
West Midlands
B73 6LL

Tel: +44 (0) 121 354 2405
Fax: +44 (0) 121 240 0141
Email: mike.rowan@veseysales.co.uk
Website: www.veseysales.co.uk

Contact: Mike Rowan
Position: Director

Vesey Sales Ltd Representing: OTTO FUCHS KG - with more than 100 years experience in the forging industry Otto Fuchs is established as one of the leading forge houses in Europe and is established as a leading supplier to the UK aerospace sector. Specialising in the supply of hand and die forgings, extrusion and ring rolled product in a range of different materials.

ALMECON GmbH - Founded in 1997 Almecon has maintained a steady growth and is continuing to establish itself as a supplier to the Aerospace, Railway, Nuclear, Mechanical Engineering and automotive industry. Web Page www.almecon.de

QUICKSTEP - Quickstep offers design and engineering, aerospace manufacturing and Quickstep plant solutions for the manufacture of advanced composite components.

Company Name

Allegheny Technologies Ltd................................. 86
Capalex......................................................... 49
Fort Vale Engineering Ltd................................. 54
Hexagon Metrology........................................ 58
LPD Lab Services Limited.................................. 28
Pexa Ltd....................................................... 139
Rolled Alloys................................................ 29
Transtar Metals Ltd.......................................... 101
United Springs Ltd.......................................... 69
Washington Mills Electro Minerals Ltd.................. 32
Wheelabrator Group........................................ 101
A-Z

NORTH WEST COMPANIES
ROBOTICS, AUTOMATION & TOOLING

North West Aerospace Alliance
Abrasive Technology Ltd

Address: Roxby Place
        Fulham
        London
        SW6 1RT

Tel: +44 (0) 207 471 0200
Fax: +44 (0) 207 417 2020
Email: djackson@abrasive-tech.com
Website: www.abrasive-tech.com

Contact: David Jackson
Position: Sales Manager

Abrasive Technology develops, manufactures and markets state of the art diamond and CBN tooling for grinding and cutting applications. Many of our products have unusual and sophisticated applications, mainly demanding in performance capabilities and tolerance requirements.

Our highly specialised super abrasive expertise has been developed through designed integration of our skilled customer service, R & D, engineering and manufacturing.

We primarily serve the aerospace, composite, automotive, metalworking, carbide, medical, dental, ophthalmic, gear, lapidary, glass, tile and stone industries.

Fastems are the leading company in the provision of Factory Automation.

These solutions cover many different applications including FMS machine tool tending, robotic machine tending, composite tool storage, robotic finishing (Deburring and polishing) and supply are supported by our leading software MMS5(Manufacturing Management System) and tailored to your needs.
Franke Bearings Ltd

Address: Unit 5/90 Berry Lane
         Longridge
         Preston
         Lancashire, PR3 3WH

Tel: +44 (0) 1772 780200
Fax: +44 (0) 1772 780909

Email: sales@frankebearings.co.uk
Website: www.frankebearings.co.uk

Contact: Graham Moffatt
Position: Director

UK Agents and Stockists for Franke wire race bearings, turntables, indexing tables & linear motion systems. Franke Bearings stock ready to mount precision turntables & a full range of standard & stainless lightweight linear guideways.

Nikken Europe Ltd

Address: Precision House
         Barbot Hall Industrial Estate
         Rotherham
         South Yorkshire, S61 4RL

Tel: +44 (0) 1709 366306
Fax: +44 (0) 1709 376683
Email: gary@nikken-world.com
Website: www.nikken-world.com

Contact: Gary Williamson
Position: General Manager

Nikken Kosakusho is a market leader in the design, sale and support of advanced CNC rotary tables, presetters and NC tooling solutions.

Our range includes rotary tables up to 3.0m diameter and tilting capacity tables of up to 800mm diameter. Our UK HQ boasts the largest stock of CNC rotary table products within Europe.

Nikken is also known for it’s quality manufacture of precision toolholding systems, boring heads, reamers, speed increasers, angle heads and its comprehensive range of ELBO CONTROLLI tool measurement presetters.
North West Aerospace Alliance

SGS Carbide Tool offers standard and bespoke precision solid carbide rotary cutting tools to leading market sectors such as aerospace, automotive and motorsports, and dental/medical equipment suppliers.

Its latest cutting tool designs are equipped with three-stage chatter suppression to remove any harmonic influence on the workpiece or the cutting tool.

Sheen Spark Ltd

Address: Unit 1 Ewhurst Avenue
Selly Oak
Birmingham
West Midlands
B29 6EY

Tel: +44 (0) 121 472 6241
Fax: +44 (0) 121 472 5396
Email: sales@sheenspark.co.uk
Website: www.sheenspark.co.uk

Contact: Jim Hindle
Position: Technical Sales

Sub-contract EDM service to the aerospace industry. We offer EDM wire erosion using clean cut technology to minimise the recast layer, together with a range of spark erosion machines.

The components can be supplied with a data card for a test piece which has been subjected to micro-analyse to measure any recast layer. Our cleaning facility includes ultra-sonic tanks and we have a comprehensive inspection department to enable the components to be fully certified before dispatch.

We are NADCAP approved for EDM together with approvals from major OEMs including Roll-Royce, MTU, Goodrich and Howmet.
Siemens Industry Sector is one of the world’s leading suppliers of innovative, environmentally friendly products and solutions for industry customers.

With our globally unmatched offering of automation technology, industrial controls and drive technology as well as industrial software, we equip manufacturing enterprises with what they need over their entire value chain.

TT Electronics Technology

Maker of the HALOSENSOR® Through Skin Sensor Hole Finder used by most of the world’s aircraft manufacturers.

This system eliminates the piped/crossed/cocked/snowman hole problem caused by difficulty locating drill positions while back drilling.

A product group of AB Elektronik the sensor division of TT electronics PLC.
# North West Aerospace Alliance

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assystem UK</td>
<td>48</td>
</tr>
<tr>
<td>Astech Projects</td>
<td>49</td>
</tr>
<tr>
<td>Didsbury Engineering Ltd</td>
<td>51</td>
</tr>
<tr>
<td>Equip (Midlands) Ltd</td>
<td>80</td>
</tr>
<tr>
<td>HMK Technical Services</td>
<td>58</td>
</tr>
<tr>
<td>Hyde Aero Products</td>
<td>59</td>
</tr>
<tr>
<td>Matsuura Machinery Ltd</td>
<td>95</td>
</tr>
<tr>
<td>Morson Projects</td>
<td>63</td>
</tr>
<tr>
<td>Sheen Spark Ltd</td>
<td>152</td>
</tr>
<tr>
<td>Third Dimension</td>
<td>142</td>
</tr>
<tr>
<td>University of Manchester</td>
<td></td>
</tr>
<tr>
<td>Aerospace Research Institute (UMARI)</td>
<td>20</td>
</tr>
</tbody>
</table>
A-Z

NORTH WEST COMPANIES STOCKISTS & DISTRIBUTORS

North West Aerospace Alliance
Aero Metallic is an independent supply chain management company, specialising in a wide range of aerospace and commercial materials to the aerospace, defence and specialist engineering markets.

We offer tailored supply chain and service provision solutions to customers throughout the world. We also stock a comprehensive range of metals in UK and international aerospace specifications and our stock range includes sheet, plate, bar, tube, extrusion, coil and wire in standard and hard to find material specifications.

Our approvals include BAE Systems, Agusta Westland, Bombardier, Eaton Aerospace, GKN and Hawker Beechcraft.

Brunswick Tooling Limited specialises in the design and manufacture of high quality precision cutting tools.

The Brunswick Tooling trade name encompasses the whole range of tooling manufactured at our new production facility in Brighouse, West Yorkshire. This includes Brunswick Precision Carbide and Cermet Tipped Reamers, Brunswick special indexable insert tooling and bespoke solid carbide tooling.

With the latest CAD/CAM technology we are able to supply on time at a competitive price, tooling for the manufacturing industry.
Cromwell

Address: 651 Eccles New Road
Salford
Manchester
M50 1BA

Tel: +44 (0) 161 786 2500
Fax: +44 (0) 161 787 7113
Email: brittonj@cromwell.co.uk
Website: www.cromwell.co.uk

Contact: Jeff Britton
Position: Regional Business Manager

Cromwell is Europe's leading independent supplier of maintenance, repair and operations type products, offering the widest choice to all industries, professions and trades.

We lead our product and our vast range supports all industries providing a market leading service to customers be it procurement, inventory, venda or online ordering solutions.

Our 50 UK branches offer a trade counter/collection service and a daily delivery to local industry.

Jeaton Ltd

Address: Jeaton House
Red Scar Business Park
Longridge Road
Preston
Lancashire, PR2 5NE

Tel: +44 (0) 1772 708808
Fax: +44 (0) 1772 701271
Email: alan.brierley@jeaton.co.uk
Website: www.jeaton.co.uk

Contact: Alan Brierley
Position: Managing Director

Jeaton Ltd is an Industrial tapes and adhesives products distributor to the aerospace industry. Our product range includes a comprehensive range of paints, oils, lubricants, sealants and non metallic products.

Jeaton have BAE System, Spirit Aerosystems and Airbus approvals and other accreditations are IATA Dangerous goods certification, appointed Aerospace Service Provider and we have tape conversion facilities i.e. Die Cutting, gaskets and assembly work.

Jeaton have a humidity controlled Customs Bonded warehouse in Bangalore India which provide JIT and DLF supply chain solutions.
Jemtech (UK) Limited

Address: Bellbrook Industrial Estate
         Uckfield
         East Sussex
         TN22 1QL

Tel: +44 (0) 1825 767640
Fax: +44 (0) 1825 767635
Email: sales@jemtech.co.uk
Website: www.jemtech.co.uk

Contact: Steve Coull
Position: Managing Director

Jemtech UK Ltd are the UK importer for Blaser Swisslube metal cutting fluids, cleanmist oil/air mist extraction systems and Silmax high performance milling tools for exotic materials. These products are targeted at the aerospace sector delivering significant technical and commercial benefits for process improvements.

Working with the full spectrum of aerospace materials from aluminium through to Iconel, Jemtech will demonstrate considerable advantages such as increased tool life, lower cycle times and reduced costs.

Products are available to NWAA members to trial on a no gain no pay basis.

M A Ford Europe Limited

Address: Unit 38, Royal Scot Road
         Pride Park
         Derby
         Derbyshire
         DE24 8AJ

Tel: +44 (0) 1332 267960
Fax: +44 (0) 1332 267969
Email: sale@mafordeurope.com
Website: www.maford.com

Contact: Stuart Smith
Position: Managing Director

We are the stock centre for Europe for our parent companies products, our main sales being into aerospace companies with high performance end mills and drilling tools specifically for aerospace materials.

We are also a Rolls-Royce PLC approved tool supplier.

Our parent company was established in 1919 and we now have a joint venture company in the USA with Mitsubishi Hard Metal Company, together with the Kobelco Tool Co Ltd of Japan.
Rainford Precision Machines

Address: Pasture Lane Business Centre
         Rainford
         St Helens
         Merseyside, WA11 8PU

Tel:  +44 (0) 1744 889726
Fax:  +44 (0) 1744 885201
Email: sales@rainfordprecision.com
Website: www.rainfordprecision.com

Contact: Arthur Turner
Position: Director

Many new products for micro machining are available as we build a relationship with KYOCERA Micro Tools from the USA whose strengths in different machining capabilities complement our existing range of UNION TOOL endmills and drills. With threadmills from M0.5, micro boring bars for diameters as small as 0.4mm, reamers starting at 0.2mm diameter and special end geometry on our drill for brass (from 0.06mm). Also available for micro machining are uncoated 2, 3 and 4 flute endmills from 0.1mm diameter.

Our ability to offer a wide range of tools far beyond the accuracy of others means we not only have available a diverse mix of off the shelf solutions and patented technical information, but also excellent prices and an on the dot delivery service.

Starrag UK Ltd

Address: 43-45, Phoenix Business Park
         Avenue Close
         Nechells
         Birmingham, B7 4NU

Tel:  +44 (0) 121 359 3637
Fax:  +44 (0) 121 359 1135
Email: Jon.macdonald@starrag.com
Website: www.starrag.com

Contact: Jon MacDonald
Position: Managing Director

Starrag Group is a global technology leader in manufacturing high-precision machining tool for milling turning, boring and grinding of mid-sized to large workpieces of metallic and composite materials. Principle customers are internationally active companies in the aerospace, energy, transport and industrial engineering sectors.

In addition to its portfolio of machine tools, Starrag Group provides integrated technology and maintenance services that significantly enhances customer productivity.
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air &amp; Ground Aviation Ltd.</td>
<td>116</td>
</tr>
<tr>
<td>Allegheny Technologies Ltd.</td>
<td>86</td>
</tr>
<tr>
<td>Franke Bearings Ltd.</td>
<td>151</td>
</tr>
<tr>
<td>Gandtrack Ltd.</td>
<td>56</td>
</tr>
<tr>
<td>Jacquet Weston Engineering</td>
<td>106</td>
</tr>
<tr>
<td>Matsuura Machinery Ltd.</td>
<td>95</td>
</tr>
<tr>
<td>Pexa Ltd.</td>
<td>139</td>
</tr>
</tbody>
</table>
MEMBER INDEX A - Z

Incorporating:
North West Aerospace Alliance
Isle of Man Aerospace Cluster
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3T RPD Ltd.</td>
<td>120</td>
</tr>
<tr>
<td>A &amp; G Precision Ltd.</td>
<td>84</td>
</tr>
<tr>
<td>Abrasive Technology Ltd.</td>
<td>150</td>
</tr>
<tr>
<td>ABS Group</td>
<td>120</td>
</tr>
<tr>
<td>Addison Engineering Ltd.</td>
<td>84</td>
</tr>
<tr>
<td>Adelaide Engineering Co Ltd.</td>
<td>85</td>
</tr>
<tr>
<td>Aegis Services Limited</td>
<td>121</td>
</tr>
<tr>
<td>AeroDNA</td>
<td>40</td>
</tr>
<tr>
<td>Aerolux Ltd.</td>
<td>46</td>
</tr>
<tr>
<td>Aerospace Concurrent Engineering</td>
<td>46</td>
</tr>
<tr>
<td>Aerospace Metallic Supply Limited</td>
<td>156</td>
</tr>
<tr>
<td>Aerotherm Limited</td>
<td>47</td>
</tr>
<tr>
<td>Agie Charmilles Limited</td>
<td>85</td>
</tr>
<tr>
<td>Air &amp; Ground Aviation Ltd.</td>
<td>116</td>
</tr>
<tr>
<td>Air Tool Services</td>
<td>47</td>
</tr>
<tr>
<td>Airbus Operations Ltd.</td>
<td>48</td>
</tr>
<tr>
<td>Aircelle Ltd.</td>
<td>22</td>
</tr>
<tr>
<td>Allegheny Technologies Ltd.</td>
<td>86</td>
</tr>
<tr>
<td>Ambler Technologies Ltd.</td>
<td>26</td>
</tr>
<tr>
<td>Ansys UK Ltd.</td>
<td>34</td>
</tr>
<tr>
<td>APEL Limited</td>
<td>86</td>
</tr>
<tr>
<td>Applied Computing &amp; Engineering Ltd.</td>
<td>34</td>
</tr>
<tr>
<td>Assystem UK</td>
<td>48</td>
</tr>
<tr>
<td>Astech Projects</td>
<td>49</td>
</tr>
<tr>
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<td>Page</td>
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<td>138</td>
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<td>111</td>
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<td>72</td>
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Steve Vandersteen
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