

In good company

There are approximately 250 companies within England's East Midlands' aerospace community.

These include:

Rolls-Royce PLC Derby

Rolls-Royce PLC is a global business providing power systems for use on land, sea and in the air. In civil aerospace the company has more than 12,000 engines in service, powering 30 aircraft types. Rolls-Royce also supplies around 25% of the world's military engines.

SPS Aerostructures

Annesley, Nottinghamshire

SPS Aerostructures manufactures aerospace components, both machined and fabricated, and has a range of in-house treatment and surface finishing capabilities.

Accrofab Limited Derby

Accrofab Limited provides precision fabrication and machining services for development and production work. Quality approvals include ISO 9001:2000, AS9100, RR9000:SABRe and ISO 14001, with NADCAP accreditation for special processes.

Semelab PLC Leicester

Semelab PLC is an OEM of discrete small-signal and power semiconductors, linear regulators, bespoke integrated power-hybrid modules and opto-sensor sub-systems.

Castlet Limited Lincoln

Castlet Limited specialises in the design and manufacture of products and systems that utilise software, electrical, electronics, mechanical, pneumatic and thermal engineering disciplines.

Intelligent Energy Holdings PLC

Loughborough

Intelligent Energy Holdings PLC is a clean power systems company that provide solutions to the difficult environmental and energy supply challenges being faced by governments and industry.

Advanced Composites Group

Heanor, Derbyshire

Advanced Composites Group supplies materials and composite technology into the aerospace and motor sport industries.

Cosworth Limited Northampton

Cosworth Limited is using its motor sport pedigree to provide solutions for the aerospace industry. For example, the company used its design and manufacture capabilities, plus test facilities, to develop its own two-stroke diesel UAV engine programme.

ALSTOM Aerospace Leicester

ALSTOM Aerospace specialises in the design, manufacture and test of aero-engine components, systems and modules.

Gardner Aerospace Limited Ilkeston

Gardner Aerospace – Ilkeston Limited machines, fabricates, treats, assembles and repairs small- to medium-sized precision parts, kits and assemblies in soft, hard and specialist materials.



Your business hub



England's East Midlands provides the perfect environment to establish a business hub, and to support your expansion into the UK, Europe and further afield. The region is located at the heart of the UK's transport infrastructure.

The M1 motorway runs through the centre of the region (connecting London with northern England), East Midland's Airport, the country's foremost dedicated cargo hub, also provides passenger flights to more than 100 destinations, and the country's rail network connects the region's cities to the rest of the UK and, via the Channel Tunnel, mainland Europe.

In addition, the East Midlands is a highly affordable place to live and to establish an office; with average business costs, both set-up and running, considerably lower than in London. You will also have access to a 3 million-strong quality workforce.

Quality of life is high, and the region's amazing locations include dramatic countryside, sweeping coastline, traditional market towns and vibrant towns and cities. More than 10% of the region is designated an 'Area of Outstanding Natural Beauty', while Derbyshire's Peak District is the second most visited National Park in the world.



Expert help and advice

Whether expanding or relocating into the East Midlands, we are here to help you.

We provide free and confidential services including:

- **Intelligence** about the local industry and its demographics
- **Local knowledge** of the area, with us arranging regional tours and visits
- **Networking** with research centres and industry bodies
- **Introductions** to government and private sector companies
- **Assistance** with searches for business premises
- **Support** through potential access to financial assistance and grant

To contact the England's East Midlands team:

Kate Smith
Switchboard +44 (0)115 988 8400
Direct Line +44 (0)115 988 8321
katesmith@emd.org.uk

England's East Midlands
Apex Court, City Link,
Nottingham NG2 4LA, UK

VIP Global Fast-Track

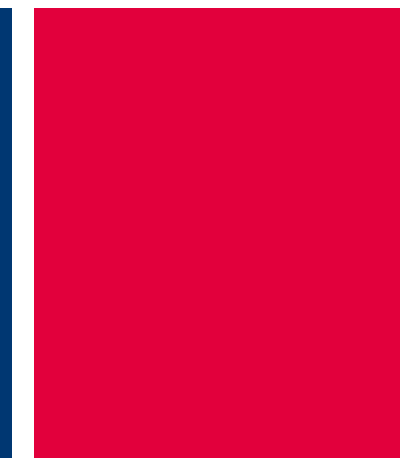
For companies looking to fast-track their way to success in the England's East Midlands, the VIP Global Fast-Track programme offers the services you need, including free company registration for qualifying businesses, and free touch down space (potentially up to 6 months) in one of eight high quality office and science parks across the region.

For more information please visit www.englishmidlands.com/vip



Elevate your business

Join our industry-leading aerospace community



The place for Aerospace

Powering the world's aerospace industry

The United Kingdom has the second largest aerospace industry in the world; and at the heart of the UK's share in this dynamic sector is **England's East Midlands**.

England's East Midlands has one of the highest concentrations of aerospace companies in Europe, and many world-leading businesses have established a strong presence here – benefitting from better access to their supply chains, sales and distribution channels.



“The United Kingdom is renowned for its capabilities in the aerospace sector, and England's East Midlands is a positive hub of activity.”

Mike Richardson, editor of Aerospace Manufacturing magazine.

Your industry is here

With the aerospace industry set to enjoy significant and stable growth during the coming years, and with the UK central government recognising aerospace's importance in the global economy, England's East Midlands has a great deal to offer.

The capabilities of those companies already based in the region include gas turbine and other propulsion systems; avionics; composite materials; adhesives and fasteners; specialist manufacturing and test; maintenance repair and overhaul (MRO) and training.

In addition to aerospace, the region is also renowned for its other engineering industries which include automotive, rail and heavy industry. It is not surprising, therefore, that technologies – such as lighter, stronger materials – manufacturing processes and working practices – such as Lean – are crossing between sectors.

A catalyst in this respect is ‘knowledge transfer’ through academia – which is also producing the industry's new blood. For instance, the University of Nottingham operates a formal Knowledge Transfer Partnership programme; under which businesses can form relationships with leading academics, define projects with significant and commercial outcomes, and recruit graduates to work full-time.

England's East Midlands is undoubtedly, the place to be.



Common goals

Within the aerospace industry, there are many common goals, such as the desire for lighter, more fuel-efficient aircraft; in a bid to reduce greenhouse gas emissions. In addition, the entire industry, civil and military, is gearing up to cope with increasingly crowded skies - the estimates are that air traffic will double by 2030 - whilst simultaneously improving safety and operational efficiency.

Other common goals include: reducing development times and costs; simplifying repair and overhaul; and affording the high-availability of aircraft. Plus, within the military sector, there is the heightened burden of managing component obsolescence, and walking that fine line between employing commercial-off-the-shelf components and going semi/full custom.

Aerospace business models are changing too; with new types of support service, power-by-the-hour schemes, and risk-sharing on product development and through-life support all making for an extremely dynamic industry.

“Whether operating in civil aerospace or within the defence sector, your business will benefit from having a presence in the East Midlands, the heart of the UK's aerospace industry.”

Dr. Andrew Mair, chief executive of the Midlands Aerospace Alliance

United strategies

With the region's higher-than-average concentration of aerospace companies, we are able to boast levels of activity, collaboration and competition not found elsewhere within the industry. Indeed, here is an entire community, in which leading-edge research is being conducted; and our industry-academia relationships are some of the strongest in the world. Rolls-Royce, for example, locates its R&D internationally in 24 University technology centres, 3 of which are based in England's East Midlands.

The many companies within our growing community are therefore your potential customers, suppliers and partners; and your co-location will be as beneficial to them as it would be to you. With mature supply chains and well-proven sales/distribution channels, establishing a presence in the UK could not be easier than in the East Midlands.

The aerospace industry is one of the UK's most dynamic and successful sectors. It has a turnover of more than **£22.6 billion**, with UK-based companies directly employing **124,000 people** and supporting a further **152,000 jobs** across the UK economy. The sector provides high value employment with more than **30%** of employees educated to degree level.

Source: National Aerospace Technology Strategy (NATS)



Powered through people

The working-age population in the East Midlands is **2.79 million**. The available workforce is becoming increasingly qualified - there has been a **20%** increase in the number of graduates from the East Midlands' eight highly acclaimed universities during the last five years. However, the annual salary of a full-time worker is about **10%** lower than the national average. This means you can benefit from a highly qualified and technically competent cost-effective workforce to power your business.

Centres of excellence

With a presence in the UK, you can benefit from participation in many national aerospace industry initiatives. For example, Supply Chain 21 (SC21), which aims to improve all aspects of supply within the aerospace and defence industries, includes the provision of a Manufacturing Advisory Service (MAS). Thanks to the concentration of manufacturing businesses in our region, England's East Midlands is proud to be heading the MAS.

We are also partnering with England's West Midlands in co-funding a Manufacturing Technology Centre (MTC). Scheduled to open in 2010 and representing an investment of some £30 million, the MTC will focus on the development and application of high-integrity joining and fabrication, expertise in tooling, automation and operational performance with industrial scale pre-production and demonstration facilities.

In addition, a Systems Engineering Innovation Centre (SEIC), based in Loughborough, is proving an invaluable resource for systems engineers in the UK. Opened in 2003, the SEIC is currently hosting more than 40 industrial and academic researchers, working on a variety of projects specific to systems engineering.

Locating in England's East Midlands will also give you access to the government funded, world leading National Aerospace Technology Strategy, which is establishing a number of Aerospace Innovation Networks to determine and carry forward research in fields such as: environmental technology; high-temperature materials; advanced electrical power systems; electromagnetic interaction and effects; sensor technologies; health management and prognosis; and through-life support.

“England's East Midlands is rich with all the resources and personnel to support the growth of your business, and our universities are producing some of the highest calibre and most suitably qualified individuals to move the industry forward”

David Wallace, International Director, East Midlands Development Agency



World-leading Academia

The Universities of Leicester, Nottingham and Loughborough are all ranked in the UK's top 20 and Loughborough University is in the top 10 for engineering.

The region's other universities are De Montford University, the University of Derby, Nottingham Trent University, the University of Lincoln, and the University of Northampton.