

July 2026 Edition

Unleashing the power of Combat Air

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Our mission is clear:

To deliver defence readiness today, pioneer innovation for tomorrow, and create prosperity that lasts.

At the heart of our mission are people. From apprentices to seasoned engineers, and local supply chain owners to major global partnerships, we're working together to pioneer technology, build skills, create jobs, and inspire future generations – as part of a vast ecosystem that thrives on innovation and purpose.

We pride ourselves on being a trusted partner to the UK, and to many Air Forces around the world. By embracing digital innovation, we're shaping the technologies that will help our customers stay ahead of evolving threats, and by strengthening national defence, interoperability and forging global partnerships, we ensure that the UK remains a world leader in sovereign combat air.

Delivering for our armed forces is a responsibility we take seriously. Our purpose is to ensure our partner air forces have the combat air capability they need, wherever and whenever they need it to maintain full control of the air, today and in the future.

This is how we deliver our vision to protect those who protect us and contribute to a more secure world.

Our Global Presence

As an international business, our presence enhances the UK's strategic relationships; working as a trusted partner with air forces in the US, Middle East and Europe. Together, we build local partnerships and enhance industrial capabilities in support of shared defence and security priorities.



US: Our world-leading technologies have earned us a position on a number of long-term US platforms and programmes, including the F-35 Lightning II. These activities help strengthen the defence, security, technology and trading relationship between the UK and US.

Canada: As a close NATO ally, we have a growing presence in Canada and are exploring opportunities for defence industrial collaboration that underpins shared security and defence priorities.

United Kingdom: As the UK's sovereign combat air capability provider, we partner with the Royal Air Force to deliver end-to-end combat air capability. Our long term partnership ensures the UK retains sovereign operational advantage and Freedom of Action in Combat Air.

Europe: We have a long term presence in Europe collaborating on multi-national programmes such as Eurofighter Typhoon and supporting NATO priorities through partnerships that strengthen collective defence, interoperability, and next-generation air power.

Kingdom of Saudi Arabia: We support the long-standing strategic partnership between the Kingdom of Saudi Arabia and the United Kingdom. Working in partnership, we develop critical skills, capabilities and technologies in Kingdom, through providing training and support to the Royal Saudi Air Force's teams and fleets of Typhoon, Tornado and Hawk.

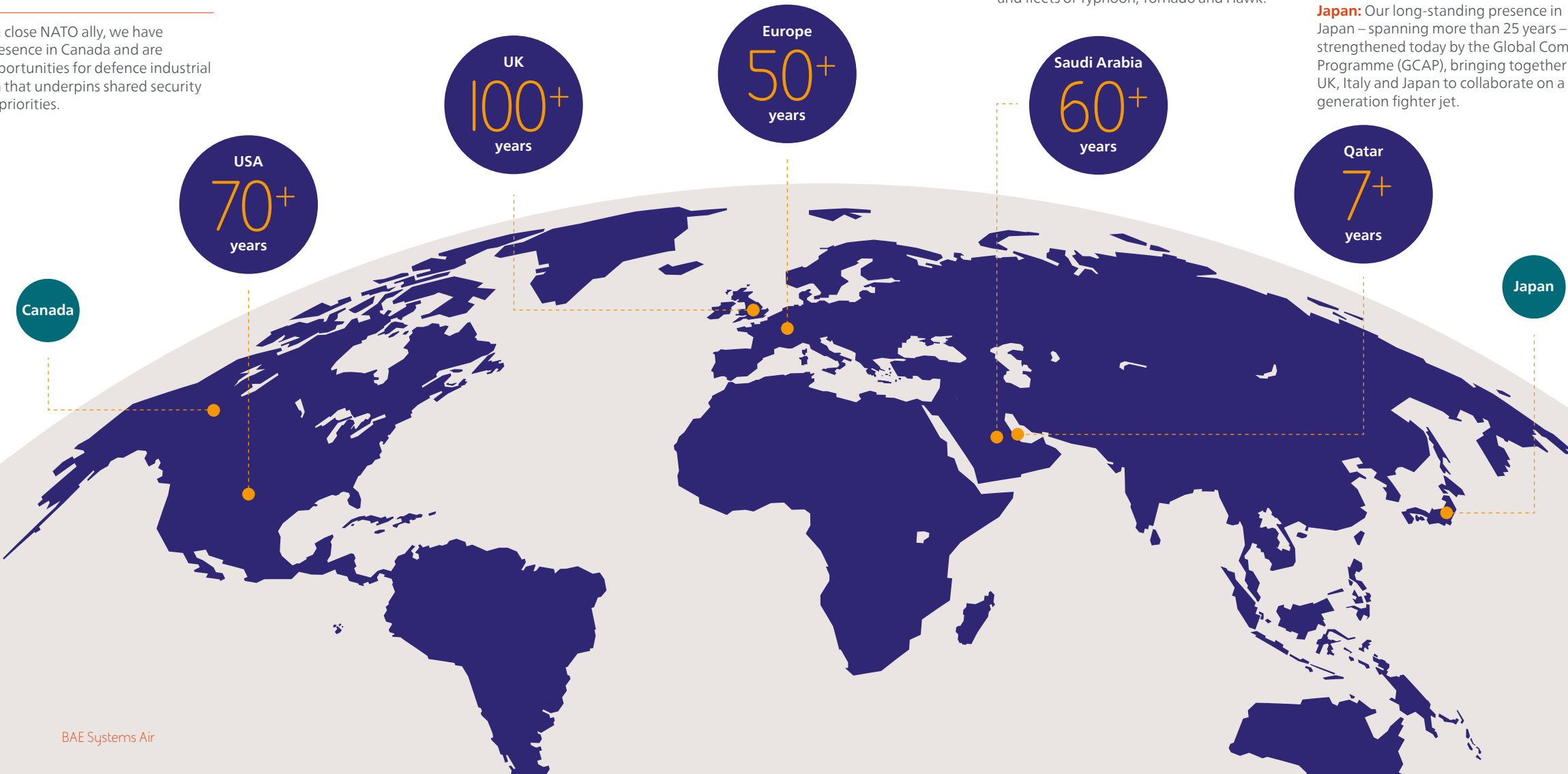
Qatar: We are working together with our local partners to deliver sophisticated defence solutions and operational capability of the Typhoon and Hawk programmes and associated training solutions for the Qatar Emiri Air Force.

Japan: Our long-standing presence in Japan – spanning more than 25 years – is strengthened today by the Global Combat Air Programme (GCAP), bringing together the UK, Italy and Japan to collaborate on a next-generation fighter jet.

International Workforce

UK	18,550
Europe	9,975
KSA	7,000
US	300
Middle East	150

*Approximate 2025 regional figures, including share of equity accounted investments



Sovereign Defence

Sovereign defence is a vital asset.

It equips the UK with a strategic advantage that allows it to create its own defence strategy and independently contribute to global security.

It helps to strengthen key alliances with European, NATO and international partners that share the same defence and security priorities, tailoring our capabilities to remain one step ahead of emerging threats.

As the custodian of sovereign capability, we ensure the UK retains its' ability to protect our interests, deter aggression, and protect peace at home and across the globe.

Beyond defence, our business and the wider sector drives national growth. Together we are a hub of innovation, skills, and economic strength, sustaining thousands of high-skilled jobs and boosting the UK's global competitiveness.

Our work goes beyond the equipment and services we deliver – it builds resilient careers, strengthens industrial capability, and supports academia, creating lasting positive impacts for the future of our nation.

We forge strong, strategic partnerships with SMEs, academia, and industrial leaders. These collaborations fuel innovation, strengthen our industrial base, and elevate the UK's position on the world stage. By combining the stability to manage complex projects with the agility of smaller companies, we deliver cutting-edge solutions that support defence resilience and drive long-term prosperity.

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Combat Air Programmes

Typhoon

Eurofighter Typhoon is the backbone of combat air defence for the UK and a number of its key European and international allies.

Through our role on Typhoon we develop and maintain critical skills and capabilities, protecting our nation's interests – both at home and overseas. We are continually investing in Typhoon to maintain its cutting-edge military capability for today, whilst developing and deploying technologies central to the next generation of the UK's combat air capability – Tempest.

Eurofighter – A Collaborative Programme

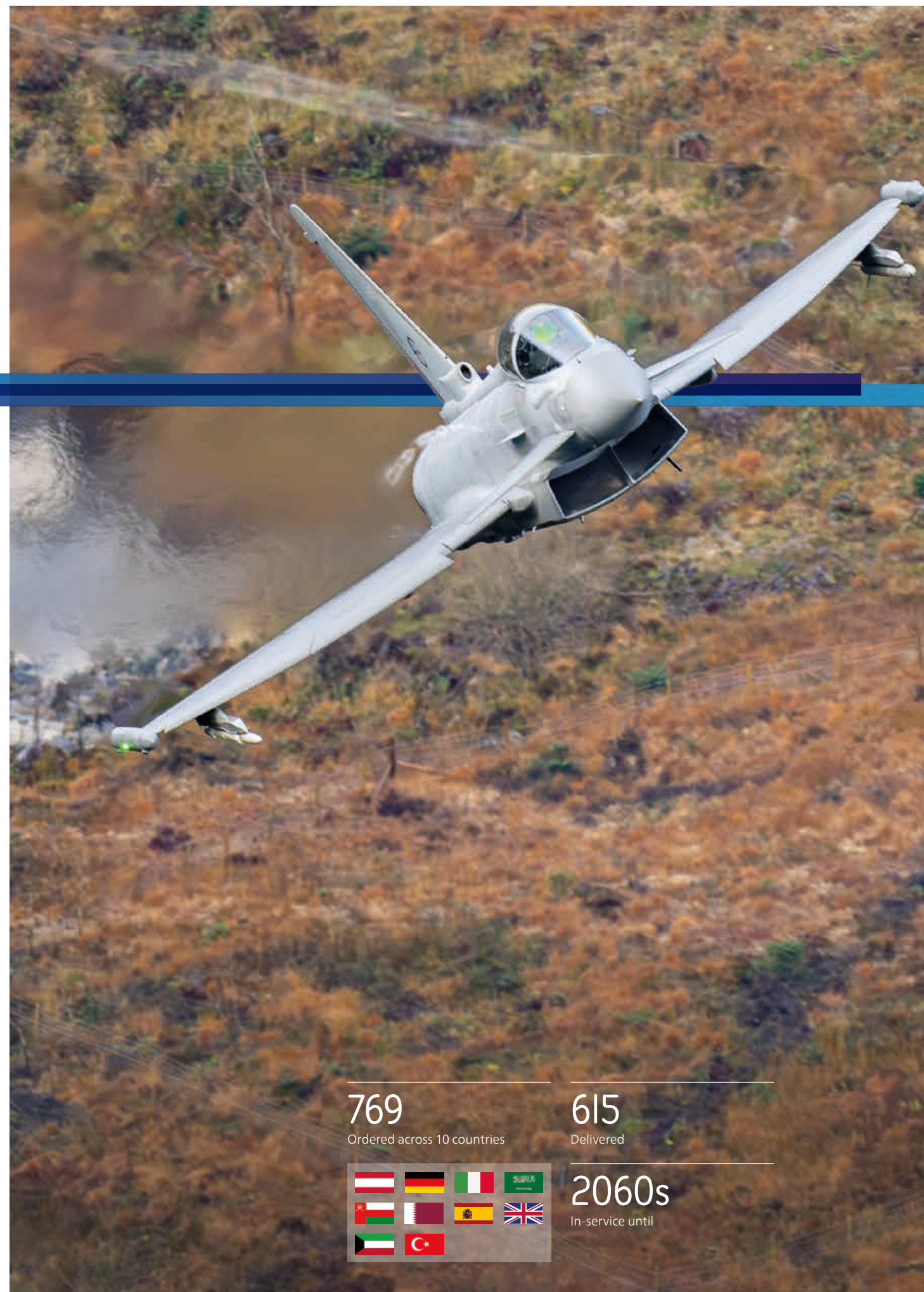
Eurofighter Typhoon is Europe's largest collaborative defence programme, built on the strength of the four partner nations – Germany, Italy, Spain and the UK – and with Europe's largest defence companies – Airbus Defence & Space, BAE Systems, and Leonardo. Together the Eurofighter supply chain supports 100,000 jobs across 400 European companies.

In the UK, we work with a network of partner companies to support the Eurofighter Typhoon programme, including Leonardo UK, Rolls Royce, MBDA and hundreds of SMEs across the length and breadth of the UK. We are working with many of the same partners in the national endeavour to deliver the next generation of UK combat air power, Tempest.

BAE Systems' role on Typhoon

- **Capability Development**
Radar, Sensors, Human Machine Interface
- **Systems Integration**
Sensors, Radar, Weapons, Cockpit displays
- **Flight Testing**
New capabilities, Weapons, Radar testing, Production
- **Production and Final Assembly**
Manufacturing a third of components for every Typhoon and final assembly for Türkiye fleet
- **Support**
Availability support for UK, Kingdom of Saudi Arabia, Qatar and Oman fleets and Engineering Design Authority role for global fleet
- **Training**
Live and synthetic training for UK, Kingdom of Saudi Arabia and Qatar, and for Türkiye's future fleet

Key collaborators on Typhoon:



769

Ordered across 10 countries



615

Delivered

2060s

In-service until

Eurofighter Typhoon's impact on the UK economy annually:

 **£1.9bn**
GDP contribution

 **20,000**
Jobs supported by the programme across the UK

 **£1.3bn**
UK exports

 **£210**
Total GDP contribution for every £100 spent

Above data sourced from Oxford Economics – The impact of the Eurofighter Typhoon Programme on the UK economy report, July 2026

Impact of Eurofighter Typhoon across Europe:

 **€94bn**
GDP contribution

 **100,000**
Jobs secured across Europe

 **€23.1bn**
Tax revenues generated

Based on current orders from 2026 – 2035.

All data sourced from PWC – Eurofighter Industrial and Economic Assessment, 2026



Find out more
Eurofighter Typhoon

Combat Air Programmes

F-35

At BAE Systems, we bring our military aircraft expertise to the development, manufacturing, integration and sustainment of the F-35 Lightning II – the world’s largest defence programme.

A Collaborative Programme

We are teamed with Lockheed Martin and, as a key partner in the programme since its inception, the roles we play are underpinned by world-class manufacturing and industrial know-how developed through decades of cutting-edge combat air experience.

We earned our place on the programme through our skills and expertise in short take-off and vertical landing technology almost 25 years ago, with our UK engineers continuing to have an ongoing role in the modernisation of the global F-35 fleet and integration of weapons onto the UK jets.



Supporting full rate production

In 2023, we marked the delivery to Lockheed Martin of the 1,000th F-35 rear fuselage from our facilities in the North West – a major production milestone on the world’s largest defence programme.

The first rear fuselage was delivered in 2005 and there are currently more than 3,500 aircraft in the F-35 programme of record.

BAE Systems’ role on F-35 in the United Kingdom

Production
We produce the aft fuselage of every F-35 globally, as well as other crucial empennage and aircraft components, at our state-of-the-art manufacturing facilities at Samlesbury, in the North West of the UK.

Systems Integration
We deliver key systems and electronics on-board the jets, including Electronic Warfare capabilities via our engineers in the United States.

Support
BAE Systems supports the UK Lightning Force at RAF Marham and leads the industry support team known as ‘Lightning Team UK’ in collaboration with Lockheed Martin, Rolls-Royce and Pratt & Whitney to deliver at-hand support to the Royal Navy and Royal Air Force ensuring UK jets are ready and available to deploy on operations at home or abroad.

We also provide spares, repairs and technical support into the global sustainment solution to enable all F-35 customers globally.

Training
Our Warton site in the North West of the UK is home to an immersive simulation facility including a full motion cockpit and Queen Elizabeth Class carrier decks. This allows for training of the pilots and the ships company for F-35 deck operations.



F-35’s impact on the UK economy:

 **£200m**
Spent at BAE Systems Air alone across the UK supply chain each year

 **£175m+**
Invested in our manufacturing facilities in Lancashire to support the increase in production

 **100+**
Tier one suppliers across the UK

 **2,000+**
Highly skilled people employed on the programme in the UK

 **1,150**
F-35’s in operation worldwide

 **20**
Nations operating F-35



Find out more
F-35

Combat Air Programmes

Tempest

The Future Combat Air System (FCAS) is the UK's requirement to deliver a next generation combat air capability, moving beyond a single aircraft to a fully integrated combat air ecosystem.

This will be achieved by integrating core, crewed aircraft, uncrewed platforms, next-generation weapons, networks and data sharing, and support and training.

At its core is Tempest*, a sixth-generation future combat aircraft being delivered in partnership between the UK, Italy and Japan through the Global Combat Air Programme (GCAP). Tempest will deliver a step change in combat air capability, operating as part of a whole ecosystem of air power, designed for the challenges of the future battlespace, with seamless integration across air, land, sea, space, and cyber domains.

Tempest represents the long-term future of the UK's sovereign industrial capability, sustaining critical skills and high-value jobs which are underpinned today by the Typhoon programme.

**Tempest is the UK name for the aircraft being developed by the Global Combat Air Programme (GCAP)*



Global Combat Air Programme

The Global Combat Air Programme is a strategically important partnership, bringing together the governments of the UK, Italy, and Japan, and their respective industries, to collaborate on shared military and industrial objectives in the delivery of a next generation combat air capability.

In June 2025, the three industry partners – BAE Systems (UK), Leonardo SpA (Italy), and Japan Aircraft Industrial Enhancement Co. Ltd. (JAIEC) created Edgewing, an international joint venture company with each partner holding a 33.3% shareholding. Edgewing brings together the combined strengths and expertise of three leading companies and is accountable for the design and development of the GCAP next-generation aircraft, and will remain the design authority throughout the life of the product.

By fostering close collaboration between industries and governments, GCAP is a cornerstone of strategic defence and security partnerships and will deliver the capability to defeat future threats.



Tempest's potential impact on the UK economy:



£37bn

GDP contribution between 2025 - 2070



16,000

Jobs per year for the next 10 years



83%

High productivity employment – higher than national average



85%

Economic benefit outside London and South East

Above data relates to an independent analysis by PwC on the expected economic impact of the Tempest programme. This project was funded and directed by the Ministry of Defence, contracted by BAE Systems and supported by the Team Tempest industry partners. The analysis excludes the potential for exports, which is expected to be significant and does not allow for the additional aspects of the future combat air systems beyond the core aircraft.

Team Tempest

Team Tempest is a unique UK technology and defence partnership that brings together the expertise of BAE Systems, Leonardo UK, MBDA and Rolls-Royce with the UK Ministry of Defence; representing the very best of UK defence and draws on a rich defence and technology eco-system across the UK.



Find out more
Future Combat
Air System

The UK's Combat Air Flying Demonstrator

The UK's Combat Air Flying Demonstrator is a UK-funded, crewed, low-observable aircraft capable of supersonic flight. First unveiled in 2022, it represents a major step forward in the nation's future combat air capability.

This pioneering programme is one of several initiatives led by Team Tempest to advance cutting-edge technologies and develop the skills needed to keep the UK at the forefront of combat aircraft design, production, testing and certification.

Delivered through a partnership between the Ministry of Defence, BAE Systems, Rolls-Royce and MBDA, the programme supports a nationwide ecosystem of engineers, digital specialists and manufacturers, strengthening the UK's sovereign defence capability.

Building on a proud heritage in combat air, this marks the first time in 40 years that the UK has led the early design and development of a completely new combat aircraft. The Demonstrator plays a critical role in proving advanced aerospace technologies, harnessing industrial expertise, and developing the national skills required to deliver next-generation air power.



Britain's bridge to sixth generation air power

The Combat Air Flying Demonstrator programme serves as a vital bridge to the Global Combat Air Programme (GCAP). By de-risking future development, it enables early testing, generates valuable real-world data, and equips UK industry and its workforce with the skills, confidence and experience needed to deliver Tempest – the UK's sixth-generation combat aircraft.

Advanced digital engineering is at the heart of the programme. Using a suite of high-fidelity simulators and test rigs, the aircraft has been designed and evaluated years ahead of its first flight. At a dedicated facility in Lancashire, test pilots from BAE Systems, Rolls-Royce and the Royal Air Force have already completed hundreds of hours flying the Demonstrator in a bespoke simulator, providing critical insights to shape the aircraft's design and future flight trials.

By embracing innovative design, manufacturing and testing approaches, the programme is building confidence in new processes and technologies – accelerating development and helping ensure the successful delivery of sixth generation air power capabilities.



Skills and knowledge are being transferred from our experienced engineers, onto the next generation of engineers, keeping the UK at the forefront of global aerospace innovation.



100

UK suppliers have been involved in the programme



1,000

people have worked on the programme across the UK



200

people have transferred from this programme to working on GCAP



150

apprentices and graduates have completed part of their training on the programme, before progressing to other roles in BAE Systems

Collaborative Combat Aircraft

The UK's first uncrewed autonomous collaborative combat aircraft, designed for cost-effective, multi-role combat mass.

Key features

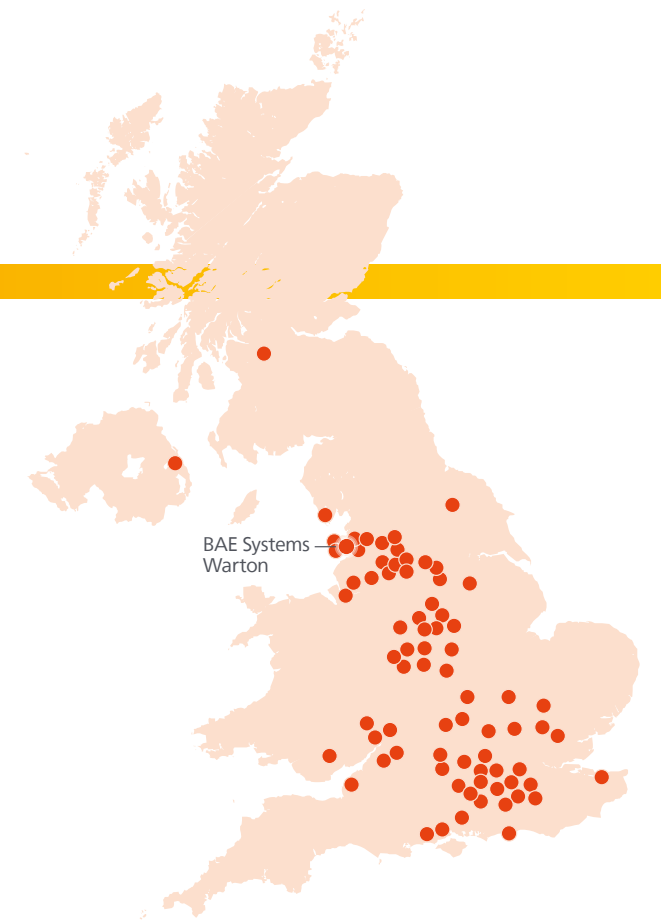
- Range capability aligned to mission need
- Similar size to a BAE Systems Hawk
- Flying alongside conventional crewed jets for greater operational effect
- Goal based autonomy
- Conventional take-off and landing
- Internal payload bays

Applications

- Land and maritime variants
- Electronic attack
- Precision Air-Surface munitions
- ISR
- Air-Air and Air-Surface stores



Find out more
Collaborative Combat Aircraft



A world-class industry underpinning sovereign capability

We are developing a new, uncrewed Collaborative Combat Air (CCA) capability for the UK. Built with Best-of-British technical expertise and ingenuity, and drawing on a network of suppliers from all regions of the UK.

- More than 75 UK suppliers
- 500+ BAE Systems employees working on the programme
- Draws on expertise from the aerospace sector and beyond
- Sovereign capability delivered at pace and in partnership

Uncrewed Air Systems

We produce some of the world's most advanced and capable uncrewed air systems (UAS), built on decades of experience.

Uncrewed air systems are reshaping modern conflict and delivering affordable combat mass to support frontline platforms. Through FalconWorks, we're working at pace to develop the capabilities our customers need to stay ahead of rapidly evolving threats.



Innovating for 25 years

We have well-established capability in uncrewed and autonomous technologies, built on more than 25 years of complex projects. Building on credentials earned through iconic programmes like Taranis, we draw from a rich experience in the development of autonomous capabilities.



Leading uncrewed capability development

As part of BAE Systems' Air Sector, FalconWorks is our centre for advanced research and technology development, leading the company's UAS strategy and focusing on early life-cycle development of game-changing technologies that shape the future.

Working alongside a curated ecosystem of talent, collaborations and partnerships, we are one of the largest suppliers of uncrewed air systems in the UK and Europe.



Find out more
FalconWorks®

Our expanding portfolio

Our portfolio reaches from the edge of space to the soldier on the ground, addressing the capability requirements of today and tomorrow. It's strengthened by significant intellectual property and through our close collaboration across SMEs, academia, government and industry, which puts us in a strong position to create solutions that work for both customers and regulators.

The T-Series product range of all-electric uncrewed air systems offer an affordable alternative for heavy lift requirement for use with both civilian and military customers. Platforms like Koios offer intelligence and surveillance capabilities with a tactical footprint.

The development of Collaborative Combat Aircraft (CCAs) will suit more complex mission requirements and our collaboration with Lockheed Martin's Skunk Works division will see us explore a range of UAS capabilities and effects including disruptive capabilities. Extending our capabilities into the stratosphere, the PHASA-35 provides a solar-powered persistent communications capability at a fraction of the cost to satellite systems.

Our uncrewed portfolio differs in range, altitude, size and operational capability to meet the ever-growing and ever more varied and complex needs of our customers.



Affordable and adaptable

T-150 is a best-in-class UAS, reliably lifting 68kg in all weather conditions. The T-150 is a trusted partner and in operation with a number of international customers. Designed originally for as a heavy-lift platform, this multi-role UAS has also been proven for low-cost counter drone operations. Trials in 2025 and 2026 marked a major step forward in the development of a low-cost strike and counter UAS option for frontline troops.

The launch of munitions upgraded with BAE Systems' APKWS® laser-guidance kit from a TRV-150, a modified version of the BAE Systems' Malloy T-150, marks the first air to air engagement of an APKWS guidance kit from a UAS, building on its decades-long presence on combat aircraft including the F-16, F-18 and Apache helicopter.

The trials demonstrated the multi-role capability of the platform and are a significant boost to showcasing how advancements in drone technologies can be harnessed to offer militaries highly effective and affordable tactical options to tackle both emerging UAS threats and more traditional targets.



Control of the Air

In an increasingly contested and connected battlespace, with rapid change and constant pressure on mass, readiness and resilience, air superiority can no longer be defined solely by the performance of a single platform.

It is instead shaped by the strength of the wider system: the ability to connect assets, integrate effects across domains, adapt at pace and sustain sovereign capability over time.

To respond to this evolution, and together with our air force customers, we are modernising our military capabilities at the pace the threat demands, and prioritising interoperability as a critical enabler for air superiority. This includes sustaining and evolving today's platforms, advancing autonomy and uncrewed integration, and helping to design the combat air systems that will define the decades ahead.

None of this happens without a strong sovereign base. The engineers, manufacturers and supply chain partners behind our capabilities give the UK and its allies the freedom to modify, repair and regenerate capability when conditions change.

In this environment, our role is clear: to provide the UK and its allies with the capability and readiness it needs, whether that's today or decades in the future. The challenge before us is not simply to prepare for the future battlespace, but to get ahead of it.

Support to the Front Line

We have a proven track record in delivering sustainment and support services around the globe, based on decades of experience working on some of the world's most advanced combat air programmes.



We work alongside the Royal Air Force and our global customers at the centre of fast jet operations, supporting enterprises and delivering aircraft availability wherever and whenever it is needed. We are committed to supporting operational readiness so global fleets can secure the skies 24/7/365.

In the UK, we are proud to ensure the Royal Air Force has what they need, when they need it to effectively operate Hawk, F-35 and Typhoon. Our focus is on delivering affordable and operationally effective support across the Royal Air Force's fleet of combat aircraft.

From delivering air and ground crew training to engineering support at home and on deployments around the world, our team of experts ensure the availability of people and aircraft to support operational readiness.

Global Hawk support

With experience gained from a global fleet and more than 3.5m flying hours, we support Hawk customers around the world.

Our in-service support capabilities are aimed at delivering cost savings, providing a high level of availability and optimising the support system year after year to reduce through-life costs.

As well as providing availability support to the Royal Air Force's Hawk T2 fleet, we provide maintenance to the iconic Red Arrows display team from RAF Valley in Anglesey. Meanwhile we continue to support Hawk fleets in Australia, the Kingdom of Saudi Arabia and Qatar.



A long-term partnership with the Royal Air Force to support the UK Typhoon fleet

Through the ground-breaking Typhoon Total Availability eNterprise (TyTAN) agreement our teams at RAF Coningsby and RAF Lossiemouth work as a unique enterprise with the Royal Air Force and Defence Equipment & Support (DE&S) to ensure Typhoon is available 24/7/365 to protect our skies as well as the security of our allies around the globe. Together we have saved over £500 million through innovative solutions in the way we deliver support to the fleet. This has been invested in developing the capabilities of Typhoon, and ensuring it is the leading platform in the Royal Air Force's combat fleet.

Sustainment and support in the US

In addition to our role as part of the industry team supporting the UK's F-35 Lightning II fleet at RAF Marham, we provide sustainment services for the worldwide fleet as part of the programme's Global Support Solution, including spares and repairs, technical support and training and engineering know-how.

Working alongside the US customer, we provide logistics, maintenance advice, and engineering support to the US Navy's fleet of almost 200 T-45 Goshawk, and the US Navy Marine Corps' AV-8B Harrier II fleet, under various contracts with V2X Company, Boeing and direct to US government agencies.



Future support

With the future in mind, we are working hand in hand with our partners in the Royal Air Force on a Future Air Support vision, which will leverage technology and new ideas that could deliver smarter, more cost effective and efficient fast jet support solutions now and for the future. These innovations could significantly reduce costs and improve the availability of fast jets, and will be central to supporting the future of combat air.



Find out more
Our operational support

Air Training Programmes

From the classroom to the frontline – and everything in between. When it comes to defence and security, we understand that everything relies on well-trained people with the capability to operate and support vital equipment and services; to be mission ready.

Successful teams are built on a foundation of expertise, inclusion and trust. That's why we offer the most extensive portfolio of training solutions; integrating tried and tested, digital, physical and ground-breaking solutions to strengthen the front line of today and tomorrow.



Advanced Jet Training

Hawk has a pedigree of providing fast jet training to air forces for many decades and will remain the cornerstone of global fast jet training for air forces in the UK, Middle East and Far East for many years to come.

The future of training

In collaboration with Boeing and Saab, we are developing a sovereign training system leveraging the T-7 to replace the RAF's Hawk T2 fleet when it goes out of service.

This system will integrate live and synthetic training, associated mission systems and integrate significant UK content, enabling RAF pilots to be mission ready across 4th, 5th and 6th generation air systems.

Our knowledge of the front line's leading platforms along with our close relationships with our customers, positions us perfectly to drive forward training, integrating to the systems of the future where the platform is but one part of a wider combat air system.



Find out more
Air Training

Innovation and Future Air Systems

The nature of defence is changing, with rapid advancements in technology accelerating the evolution and intensity of external threats.

That's why we're embedding technology at the heart of our skills, products, infrastructure and processes, to ensure we deliver cutting-edge combat capability and excellent performance, with the pace, efficiency and affordability our customers need.

We're building a network of the brightest minds across industry partners, academia, suppliers and SMEs, fuelling research and development into technologies like precision engineering, robotics, advanced materials

and AI-driven diagnostics. Through the development of these specialist capabilities, we ensure the UK's defence industry remains agile and globally competitive, strengthening the UK's industrial base and contributing to the prosperity of the nation.

We're taking a long-term approach to focus on not just what comes next, but what comes after next, spiral developing today's requirements for tomorrow's information-rich battlespace environment.

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Next-Generation Training

Technology is transforming the way people train and we are leading the field delivering more secure, affordable and sustainable solutions.



We are already making greater use of high-fidelity synthetics and virtual reality to train fast-jet pilots and maintenance teams. We are working with leaders in artificial intelligence, machine learning and gaming to bring new thinking into the training arena which in turn improves the quality of experience for our students.

AI-driven analytical tools are helping us gain greater understanding of how each student learns, monitoring their progress and tailoring our training for the best outcome.

Our systems integration knowledge, deep understanding of our customers and investment in research and development makes us uniquely placed to develop and bring new technology-enabled solutions to the classroom.

Our people know where the technology is going, understand what our customers need and have the partnerships to collaborate with the best.

6,000

People trained every year around the world (including Pilots, Officers, Technicians and Ground Crew)

40+

Synthetic flying training devices

250+

Instructor Pilots



Harnessing technology for training

The rapid evolution of technology is changing how we train people. Digital learning environments create a tailored learning journey for air crew and ground crew, harnessing AI and virtual reality to maximise every student's chance of success.

Project OdySSEy brings together experts in simulation, Artificial Intelligence (AI), data analytics and augmented and virtual reality we are enabling multi-domain forces to plug in and train in a single synthetic environment.



Find out more
Project OdySSEy

Research and Technology

For many decades, we have been developing research with leading academic institutions and industry players, harnessing the knowledge in combat air capability.

We are continuing to build an extensive network of partners from industry and adjacent sectors, leading universities, catapults and SME's, to drive collaboration and skill building on new and innovative technologies that will be used to deliver future capabilities:

- AI and digital transformation technologies
- Materials, manufacturing and smart machines
- Sensors, communications and cyber
- Human augmentation technologies
- Disruptive effects and countermeasures
- Energy, power and net zero
- Autonomy and robotics



Our technologies play a critical role in helping our people develop and stay at the cutting edge of capability for our customers.

£3.86bn

Air R&D investment over 3 years, of which £0.66bn is self-funded

75+

Licensed Air technologists across the UK and KSA recognised as experts in their field of study or work

580

Patents filed across the Air Sector to date

University Partnerships

In partnership with leading universities across the United Kingdom, we are harnessing the power of knowledge exchange and cross-discipline thinking.

Together, we ask and answer the questions that accelerate the pace of breakthroughs in emerging and critical areas of technology and engineering.

With our academic partners, we're tackling challenges and turning research into reality in areas such as AI, quantum mechanics, manufacturing, cyber and aerospace. With new technologies come new industries and with new industries comes social opportunity in jobs, supply chains and skills.

The UK stands proudly as an international powerhouse in science and technology, and together with our academic partners, we're proud to be key enablers in delivering sovereign capability for defence and beyond.



An enterprise approach

AeroTech NW at Warton Enterprise Zone is a cluster site adjacent to our own Air Sector site. It is being developed as a hub for businesses specialising in aerospace, autonomy, space and sustainable flight.

Lancashire is home to around 120 aerospace businesses employing more than 28,000 people and generating close to £4 billion in local Gross Value Added each year. AeroTech NW is designed to build on that base, giving Lancashire businesses, start-ups and supply chain companies a place to test, scale and collaborate alongside one of Europe's largest aerospace.

AeroTech NW is home to Altitude, a University of Lancashire facility for aerospace, space and uncrewed-systems research and skills industries.

Altitude houses one of Europe's largest indoor netted environments for flying and testing uncrewed aerial systems, along with a Beyond Visual Line of Sight (BVLOS) laboratory, an extended-reality lab, an emerging CubeSat teaching laboratory, research space and an incubation hub for early-stage start-up companies.



How do you provide accurate navigation without access to satellite systems?

A quantum navigation system could provide unparalleled accuracy and resilience compared to satellite navigations systems such as GPS. Together with the University of Birmingham and University of Strathclyde, we're understanding the science and end applications for quantum in aerospace and defence.

Leveraging our Partnerships

We are working in collaboration with six strategic University partners to help us deliver new, innovative technologies:



People and Prosperity

People are at the heart of what we do. Whether that is the people we employ, the partnerships we build, or the skills we develop and nurture.

We recognise our responsibility and contribution to society extends well beyond the equipment, services and technology we provide to protect our nation and our allies.

The work we do creates a significant positive impact to the national economy and wider society, generating economic return, creating jobs, nurturing skills, investing in new technology and underpinning supply chains.

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Developing STEM Skills

We are passionate about championing STEM and inclusion in our communities.

Our commitment to STEM – along with providing quality employment opportunities for young people – will ensure we retain our skills and expertise, whilst helping to drive economic growth in our international and regional footprint.

As a founding member of the UK's Movement to Work programme, we are committed to delivering social mobility which provides quality work experience for disadvantaged young people.

We offer hundreds of work experience placements each year with particular focus on inclusion, for example, encouraging more women into STEM-based careers.



38,600+

Young people reached through our STEM outreach activities in 2025



£500,000

Invested in STEM related activities across 2025



620+

Apprentices and graduates joining the Air Sector business in 2026



Ensuring the vital supply of STEM skills

We have committed £500,000 to in support of a number of Youth Zones across Lancashire, who offer young people a chance to learn the skills they need to become the scientists, engineers, technologists, manufacturers of the future.

The "Makers Zone" in Blackburn Youth Zone, the "Eco-Lab" in Chorley Youth Zone and Vault Youth Zone in Preston are STEM learning hubs funded by the Air Sector. These facilities are equipped with some of the latest technologies, including 3D printers and laser cutters, to provide young people with hands-on experience in manufacturing, engineering and digital programming.

Together with our local Youth Zones, we can work towards developing a pipeline of talent for the future to level up the UK's sovereign STEM skills.



A shared vision for future talent

Through our commitment to STEM education, we're cultivating a new generation of innovators and leaders, securing future skills and supporting Saudi Arabia's Vision 2030.

Together with Majmaah University, we have sponsored and launched the Majmaah Sustainability Lab, a new STEM facility, which provides opportunities for up to 4,000 students and researchers to continue the pace of innovation of low-carbon and sustainable technologies beyond the defence sector.

We've also developed a Smart Learning Lab in Waraqah Bin Nawfal Intermediate School at King Fahd Air Base. The lab, which provides access to the latest digital tools and a fully integrated digital learning environment, equips students with the necessary skills for successful STEM career paths.

Supply Chain Partnerships

We are working with the very best of UK industry, partnering with traditional defence suppliers and adjacent sectors to drive pace, efficiency and innovation into combat air development.

To meet emerging market needs and changing customer requirements; together with our suppliers, we are championing new approaches to the development and delivery of combat air technologies, using the most advanced tools and processes to ensure our products remain at the forefront of technology.

Our rich ecosystem of small and large-scale suppliers stretch right across the UK, generating and sustaining high value jobs and regional growth across the country. These jobs span across a variety of skills, from engineering and manufacturing, to business support, that will ensure the UK has the critical skills it needs to support our air forces now and in the future.



 **1,400**
UK suppliers

 **50+**
Number of SMEs involved with development and delivery of Factory of the Future

 **£2.5bn**
Annual spending on UK supply chain

 **570**
SME suppliers



Hyde Group

Hyde Group's relationship with the Eurofighter Typhoon goes back to the very start of the programme. In 1986, Hyde Precision Components cut the first metal chips for the Experimental Aircraft Programme (EAP) demonstrator, which would later shape the technologies for Typhoon.

Four decades on, Hyde Group, based in Greater Manchester, has grown into a company that employs around 650 people across the UK and supplies almost 2,500 Typhoon parts. Over the past five years, this work has been worth more than £2m to the business.

The Typhoon programme has been a mainstay of Hyde Group's workload as they've grown, providing the security to invest in people and equipment, and also supported the company's expansion into new sectors, including nuclear, renewable energy and science.

The investment has also seen Hyde Group become the largest employer of apprentices in the Tameside metropolitan borough of Manchester and since 2020, it's invested more than £30m in infrastructure and equipment. Hyde Group currently employs 67 apprentices and plans to continue growing the scheme.

A&G Precision

A&G Precision is a family-run business that manufactures complex machined components for a wide range of sectors, and is an important cog in the Eurofighter Typhoon manufacturing supply chain, making around 1,280 parts for the aircraft.

The stability of supplying to an enduring programme such as Typhoon has enabled A&G to continuously invest in the latest technology, automation and software ensuring it remains a key supplier for Typhoon and within the wider aerospace industry.

A&G is also actively involved in community events around its sites in Lancashire, including sponsoring local junior football teams. They also have links with a local secondary school, which include inviting students to engage and learn about engineering through work experience. A&G is proud of its record of taking on local apprentices – 18 over the last six years with more about to be taken on.

Companies like A&G provide the expertise that makes the North West of England the engineering centre of excellence and an integral part of the UK aerospace supply chain.



Find out more
Our Partnerships



Community Investment

The work completed by our people helps to build stronger nations and enables growth in our international, regional and local economies; through employment, and national and local supply chains.

We also play an important role in the communities where we live and operate, a responsibility in which we take great pride. We aim to build and nurture mutually beneficial relationships between our business, our people, local stakeholders and organisations to support our local communities.

We are committed to supporting charities and programmes that are closely connected to our business, our customers and our values.



Expanding access to life-saving cardiac care

BAE Systems in Saudi Arabia has donated vital diagnostic equipment to the heart clinic at King Abdulaziz Specialist Hospital in Taif. This initiative is in partnership with Qalbi Charitable Society, a non-profit organisation that focuses on providing life-saving cardiac care for both children and adults living with heart disease.

Cardiovascular diseases remain the leading cause of death in Saudi Arabia, accounting for around 28% of all fatalities, according to recent national and international health reports.

The equipment provided by BAE Systems enables clinicians to assess and evaluate heart function and identify any complications, allowing for faster and more informed medical decisions which can significantly influence diagnostic outcomes and ultimately save lives.



£730,000

Invested in local community projects over 2025

Powering a sustainable future

Sustainability is a vital component of the work Team Tempest does. In collaboration with key partners, BAE Systems, Rolls Royce, MBDA and Leonardo, the programme is continually striving to reduce its environmental impact, value and develop its people, make a positive social and economic contribution to communities and develop innovative technologies with the supply chain.

Supporting our military veterans

We have a long history of supporting several Armed Forces charities. We've partnered with Blackburn Rovers, AFC Fylde and Blackpool FC – with community trust – supporting their veterans programmes. In 2025, we donated over £90,000 to Armed Forces related charities, including Mission Motorsport who support those affected by military operations (physically or mentally) through motorsport. The charity hosts monthly motorsport meetings at The Three Sisters Circuit in Wigan, where members have the opportunity to learn new skills and work as a team to engineer and race a racing-car.

Our employees share our respect for the Armed Forces. Over 400 colleagues took part in this year's Runway Mile on our Warton airfield, in support of the Royal British Veterans Enterprise. Many also took part in the Great Tommy Sleepout, sleeping in hangars and on Royal Air Force bases to raise vital funds for homeless veterans.

Whether it's employing veterans, giving time and resources to military charities or preserving heritage, we work hand-in-glove with the Armed Forces and support heroes past and present.



Marking the 82nd anniversary of D-Day, we flew World War II veterans to Normandy to honour and commemorate the bravery of those who gave their lives in defence of our freedoms.

Growing a Sustainable Business

Sustainability

Sustainability is important to us, and to all of our regional and international stakeholders.

Our sustainability agenda focuses on how we make a positive societal and economic contribution; developing technology, collaborating with our supply chains and reducing the environmental impacts of our operations and products. Our agenda is underpinned by sound governance at the core of our business.



Find out more
Sustainability



Environment

Our approach to climate resilience includes both assessment of physical and strategic impacts on our own sites and operations, and the development of a wider decarbonisation strategy that encompasses the transition plan and sector net zero roadmaps.



Social Value

We recognise that our ability to take on and solve our customer's most complex and demanding engineering and technology challenges depends on the commitment, skills and talent of our people. We sustain our focus on delivering the skills for tomorrow across the business to develop a vast array of knowledge.



Robust Governance

We are committed to ethical and responsible behaviour in all aspects of what we do. Our approach, as well as the policies, processes and standards to which we adhere, are set within a framework that apply everywhere we operate.

Sustainable operations

We are committed to reducing the impact of our activities, products and services on the environment. We have committed to achieving net zero greenhouse gas emissions across our operations by 2030 and have already made good progress:

- Additive manufacturing used in Typhoon, cutting production time on some components from 100 weeks to 60 days
- Samlesbury solar farm has prevented over 4,500 tonnes of carbon emissions since it was installed in 2015
- Zero waste sent to landfill from our Lancashire and Yorkshire sites
- Upgrading and investing in energy efficient plant and equipment, including an electric vehicle fleet



About BAE Systems

At BAE Systems, we provide some of the world's most advanced, technology-led defence, aerospace and security solutions. We employ a skilled workforce of 93,100 people in around 40 countries. Working with customers and local partners, we develop, engineer, manufacture, and support products and systems to deliver military capability, protect national security and people, and keep critical information and infrastructure secure.

About BAE Systems Air

BAE Systems Air is at the heart of the UK's sovereign combat air capability, delivering combat air readiness and ensuring our Air Force customers have the equipment, services and skills they need to protect to maintain security and economic prosperity.

As a world-leader in defence exports, we play a crucial role in internationally collaborative programmes that enhance local industrial capability and support strategic partnerships overseas.

Our goal is to accelerate the innovation of future air power through the development of technology, skills and collaborative ways of working that enable our customers to stay ahead of evolving threats.

Connect with us



Visit our website
baesystems.com/air