Boeing in the United Kingdom

The Boeing relationship with the United Kingdom and British industry dates back through 80 years of partnership and continues to grow.

Boeing activities supported more than 74,000 jobs in the UK in 2017 [33% higher than five years ago] and almost 29,000 people are employed as a result of Boeing UK operations, purchases and the spending of those employed directly or in its supply chain.

54% of Boeing’s European workforce is located in the UK; Boeing employs almost 2,300 people in various sites across the country.

In 2017, Boeing spent more than $2.3 billion with tier 1 suppliers based in the UK.

Also in 2017, Boeing began construction of a new high-tech facility in Sheffield, U.K. — the company’s first Fabrication facility in Europe. The Boeing Sheffield facility, located alongside the Advanced Manufacturing Research Centre, will supply components for actuator systems and will open on 25 October 2018.

Boeing’s Presence, Suppliers and Partners in the United Kingdom

Today, Boeing employs more than 2,300 people at sites across the U.K. The company has more than 200 U.K. suppliers and strategic partnerships with six universities across the country: Bristol, Cambridge, Cranfield, Sheffield, Southampton and Strathclyde.

In support of the U.K. government’s prosperity agenda, Boeing announced a number of measures in July 2016, including a plan to double its employment in the U.K. and support U.K. supply chain enhancements. Part of this commitment has evolved launching an Office of UK Industrial Collaboration (OUKIC) in Seattle to support UK companies export to Boeing US. The official launch is in St Louis in October 2018. In response to the programme, defence procurement Minister Stuart Andrew, said:

“The UK has a long-standing relationship with Boeing and I welcome the continuing commitment from the company to the UK’s defence and aerospace sectors and the wider UK economy. Our Armed Forces will benefit from the submarine hunting capabilities of the P8 maritime patrol aircraft, the lethal firepower of the Apache attack helicopter and the strategic airlift missions conducted through the power of the C-17 Globemaster. I welcome the establishment of the Office of UK Industrial Capability which will create exciting new opportunities for Boeing and UK industry to work together on both current and future programmes.”

A key strategy for Boeing is to work as one company across all its business units and subsidiaries, including with the supply chain and procurement approaches.
Boeing Commercial Airplanes has a large installed base of passenger and freighter airplanes. Boeing has forged strong and enduring partnerships with U.K. companies such as BAE Systems, Rolls-Royce, GE Aviation Services and GKN Aerospace.

Elsewhere, Boeing is investing in U.K. technology and expertise through research and development programs with universities such as Cambridge, Cranfield and notably the University of Sheffield, where the company founded and continues to support the Advanced Manufacturing Research Centre. In late 2008, Boeing collaborated with other industry companies to open the Integrated Vehicle Health Management (IVHM) Centre at Cranfield University. Boeing is also a member of the National Centre for Universities and Business, an organization that develops, promotes and supports collaboration between industry and academia across the U.K.

Boeing closely partners on delivering high-value, enduring industrial engagement programs in conjunction with the U.K. Ministry of Defence and industry. In 2012, Boeing became the first company to sign up to the Ministry of Defence’s Defence and Security Industrial Engagement Policy, a policy encouraging overseas-based companies to make a firm commitment to continue business activities in the U.K. for the long term.

**Business Activities in the United Kingdom and Ireland**

*Boeing Defence U.K.*

The U.K. is a strategic market for Boeing Defense, Space & Security, the parent company of British subsidiary BDUK. Boeing is delivering leading-edge technology, products, services and capabilities to bring best value to the Ministry of Defence, the emergency services and security services.

Boeing platforms in service with British armed forces include P-8A, E3-D AWACS Sentry, Apache attack helicopter, Chinook heavy-lift helicopter, C-17 military transport aircraft, Insitu ScanEagle reconnaissance unmanned aerial vehicle and the Harpoon missile.

In 2007, Boeing established The Portal, a state-of-the-art center enabling customers to explore and understand implications of proposed network-enabled systems in a real-time, dynamic environment using the latest in modeling, simulation, analysis and experimentation. Now known as The Boeing Portal, the facility moved into expanded, bespoke premises in December 2011.

The success of the U.K. Rotorcraft Support team continues with the completion of the Chinook Mk3 Reversion program, the start-up and initial flights of the Mk4 Julius program in January 2011, and a new order for 14 additional Mk6 Chinooks placed in summer 2011, with deliveries close to completion. The U.K. Ministry of Defence celebrated the release to service of the latest Mk6 Chinook in June 2014, along with the announcement of an associated engine-maintenance program. BDUK was recently awarded another five-year extension to support the entire Chinook fleet out to 2021.

In 2013, the Royal Navy contracted with BDUK and Boeing subsidiary Insitu for the supply of ScanEagle unmanned aerial systems as a maritime intelligence, surveillance and reconnaissance (ISR) asset now in service on three Royal Navy ships. BDUK set
up a focused training business in 2014 to enhance the delivery of integrated, platform-
based military capability to support customers’ operational requirements. In early 2016,
BDUK extended its customer base to include emergency services when the Office of
the Police and Crime Commissioner in Staffordshire awarded a contract to Boeing to
become its strategic IT partner. In the summer of 2016, the U.K. ordered nine Boeing
P-8A aircraft and 50 AH-64E Apache helicopters.

In the summer of 2016, Defence Secretary Michael Fallon presented BDUK with a gold
award in the 2016 Employer Recognition Scheme, which recognizes employers who are
supporting Armed Forces personnel, reservists and their families.

In 2018 the RAF procured nine P-8A Poseidon Maritime Patrol Aircraft. The main role of
the new P-8A fleet will be to help the Royal Air Force protect the UK’s nuclear
submarines and two new aircraft carriers, and it will conduct search-and-rescue,
surveillance and reconnaissance missions. They will be based at RAF Lossiemouth in
Scotland and the first one will be delivered in 2019.

In 2018 Boeing is working with the Ministry of Defence on a potential sole source
acquisition for E-7 aircraft which has been the subject of some media interest given
competitor objections.

BDUK maintains important local partnerships and alliances with companies such as
Leonardo Helicopters (formerly AgustaWestland), BAE Systems, QinetiQ and Thales
U.K. The SCIS delivery partner program, formerly known as LogNEC, has relationships
with Hewlett-Packard, IBM, BearingPoint, Steria, EMC and Ark Continuity.

**Boeing Commercial Airplanes**

Commercial Airplanes has a long history of success with U.K. airlines. British Airways,
the national carrier, has over 130 Boeing airplanes in its fleet, including 747, 777 and
787 models. The Boeing 737 remains popular with low-cost carriers. Ryanair, an Irish
airline with a U.K. stock market listing and a significant presence in the market, operates
Europe’s largest fleet of 737-800s and the airline is the launch customer for the 200
seat 737 MAX 8.

The 787 is making a major contribution to delivering sustainable aviation growth in the
U.K. and has entered into service with British Airways and Virgin Atlantic Airways.
Several major U.K. aerospace companies are playing a significant part in the 787
program, including Rolls-Royce, GE Aviation Services, Messier-Bugatti-Dowty, Ultra
Electronics, GKN, Claverham and Ipeco. By value, on a 787 with Rolls-Royce engines,
U.K. companies supply up to 25 percent of the Dreamliner.

Commercial Airplanes is also partnering more closely with the U.K. by building a new
fabrication facility in Sheffield — its first fabrication facility in Europe. With rising costs
and performance issues with suppliers that produce actuation system components and
assemblies, Boeing decided to develop this capability in-house, investing in its skilled
workforce in the U.S. and expanding its partnership in the U.K. U.K. employees will
supply their U.S. counterparts at Boeing Portland in Oregon with components for trailing
edge actuator systems for 777, Next-Generation 737 and 737 MAX airplanes.
The 2,300 square metre (2,751-square-yard) Boeing Sheffield facility will be located alongside the Advanced Manufacturing Research Centre. It begins operation in 2018.

**Boeing Global Services**

Boeing Global Services is the company’s new business unit, established on July 1, 2017. Global Services integrates the services capabilities of Boeing’s government, space and commercial sectors into a single, customer-focused business. The business unit is focused on providing innovative service solutions within four capability focus areas: Supply Chain, Engineering, Modifications and Maintenance, Digital Aviation and Analytics, and Training and Professional Services.

Boeing Flight Services, part of Global Services, runs a flight and technical training center in Crawley, located south of Gatwick Airport, for flight crew and maintenance personnel. The centre opened in September 2004 and trains pilots and technicians from airlines across Europe, the Middle East and Africa. The current 4,900 square metre (5,860-square-yard) facility houses classrooms, fixed training devices, eight full-flight simulators and an exclusive 787 training suite. An expansion is currently underway, which will make the facility the largest such Boeing site outside the United States.

To provide commercial aviation services to customers in Europe, Boeing Commercial Aviation Services (Europe) Ltd. (BCASEL) was established with premises in Frimley, Surrey, formally opening in January 2016. In late 2016, Boeing announced plans for a maintenance hangar for commercial aviation maintenance customers at London Gatwick Airport.

**Subsidiaries**

Boeing has a number of subsidiaries in the United Kingdom: Jeppesen U.K., Continental DataGraphics, Aviall U.K., Miro Technologies. Recent acquisitions with a presence in the United Kingdom include AerData, ETS Aviation and 2d3 Sensing and the purchase of the remaining 50% of the ATIL apache training company is underway.

**Corporate Citizenship**

Boeing supports U.K. education and environment projects to positively impact the communities where the company operates, with a focus on developing 21st century skills, improving youth participation in science, technology, engineering and math (STEM), workforce development and opening up access to development opportunities to all members of society. Boeing also contributes hundreds of volunteer hours each year to community activities such as Earth Day and the company’s Global Month of Service.

**Schools Build-a-Plane Challenge**

The Boeing and Royal Aeronautical Society (RAeS) Schools Build-a-Plane Challenge aims to inspire young people toward study in STEM. It also encourages young people’s awareness of the aerospace sector, demonstrates its economic importance and offers them a wide array of related career paths. The project provides teams of young people in U.K. secondary schools with the opportunity to build a real light aircraft from a kit.
This gives them hands-on experience of the aircraft build process, helping them to understand the scientific and engineering principles behind flight and develop commercial skills such as project management, problem-solving, teamwork and communication, with the ultimate aim of taking a flight in the aircraft once it is complete. Boeing experts and regional branch members of the RAeS are on hand to act in a mentoring capacity during the build process, and a variety of visits have been conducted in support of the broader educational benefits associated with the project.

The program was launched as a national competition in early 2009. Currently, six schools take part, each one building an aircraft. Yateley School celebrated the first flight of the project in April 2013. Marling School, the second school to be awarded a plane kit, was the first school to have students fly in the plane they built, in March 2014. Both Yateley and Marling schools’ aircraft flew at the 2014 Farnborough International Airshow, an historic first for kit-built aircraft at an international air show. Since then, the third aircraft, built by students from Ercall Wood Technology College in Shropshire, flew in October 2015 and displayed at Farnborough in 2016.

**The Prince’s Trust**

The Prince’s Trust Achieve clubs are a personal development program aimed at young people aged 13 to 19 at risk of underachievement or exclusion from school. The aim is to keep young people in school and to re-engage them in education through an informal, youth-led and supportive setting. Boeing supports 25 Achieve clubs across the United Kingdom and engages with many of them on STEM subjects in particular. Boeing also supports the Get Started with Product Design annual week-long training course at the AMRC for young people to gain the right technical and social skills to get into education, apprenticeships, training or work.

**The Air League**

Boeing and the Air League launched their partnership in May 2012, announcing a flying scholarship scheme in the presence of HRH Prince Philip, the Duke of Edinburgh, as he celebrated 60 years as the Air League’s patron. The Air League offers Boeing-supported scholarships to secondary school pupils from disadvantaged areas to learn how to pilot a glider solo in two weeks. Furthermore, Boeing and the Air League work with the British charity Aerobility to provide flying lessons to wounded veterans and disabled people in specially modified aircraft with sliding canopies and electric and manual hoists that aid in accommodating wheelchairs and power-chairs.

**Centennial Wings**

Boeing, the Royal Air Force and the Air League joined forces to launch Centennial Wings at the Farnborough International Airshow on the date of Boeing’s centenary, July 15, 2016, with a planned completion date in 2018 — the RAF’s own centenary.

Centennial Wings complements and enhances the existing RAF Air Training Corps cadets’ curriculum with hands-on practical application of classroom theory in order to help inspire young people in Britain to study STEM subjects and to take an interest in careers in aerospace.
Approximately 70 ATC cadets from the Northern Ireland ATC Wing will work to assemble a Sting S4 ultralight aircraft from kit, under the guidance of Squadron Leader Ian Campbell, Wing Commander Mike Miskimmin and volunteers from the Ulster Aviation Society; Boeing engineers will mentor the program. The cadets will plan and build the aircraft over a total of more than 400 hours and use the completed Sting S4 for flying training, once it has been certified to fly by the Light Aircraft Association.

The Royal Academy of Engineering

The Connecting STEM Teachers program with the Royal Academy of Engineering is a new corporate citizenship initiative for Boeing in the U.K. Established in 2011 and currently active in 550 schools across the U.K., the program aims to create a national network of training, mentoring and resources for teachers across all STEM subjects, ensuring that they have the knowledge and confidence to engage a greater number and wider spectrum of school students with STEM.

Boeing U.K. joined the program in 2016. The partnership will enable the Academy to recruit four specialist STEM teachers over 2017 and 2018 to work in up to 40 schools to support STEM teachers in delivering an engaging and inspiring curriculum. Boeing U.K. will also support the development of high-quality STEM teaching and learning resources for use across the Connecting STEM Teachers network.

Earth Restoration Service

Boeing supports the Earth Restoration Service in planting native tree saplings at 100 schools all over the U.K. and overseas to create small-scale tree nurseries. The students are directly involved in planting and growing the trees. Once the saplings reach the correct maturity, students, teachers and parents plant the trees in the local community. This is an effective way for children to learn about ecology and for the schools to engage practically with their local communities. Earth Day in 2016 took place at nine Boeing U.K. sites, with employees helping children to plant trees and clear conservation areas on school sites.

Boeing U.K. Headquarters

Sir Michael Arthur joined as president of Boeing U.K. and Ireland in October 2014. He was appointed president of Boeing Europe and managing director of Boeing U.K. and Ireland in March 2016. The vice president and managing director of Boeing Defence U.K. is David Pitchforth. He was named to the role of president of Boeing Defense, Space & Security global operations in November 2016. Both are based in the Boeing offices in Westminster.

# # #

Contact:
Claire MacAleese
Communications Director UK & Ireland
+44 (0) 20 7340 1931
claire.macaleese@boeing.com
Katerina Giannini
International Corporate Communications
+44 (0) 20 7340 1971
katerina.giannini@boeing.com

Keelan Morris
International Sales Communications Europe
Boeing Commercial Airplanes
+ 44 (0)7798 828 790
keelan.j.morris@boeing.com

Lizzie

www.boeing.co.uk
@BoeingUK

Last revised October 2018.