We build everything but the plane
A selection of Bechtel aviation projects

Managing complexity: Our experience as a designer, project manager, builder, and owner-operator of airports supports our ability to manage and deliver the most complex aviation projects. In particular, expansion and transformation of operating brownfield airports whilst maintaining passenger service is a skillset that we have brought to many customers and aviation facilities.

Successfully operating and developing more than 100 airports—both greenfield and brownfield—and hundreds of contracts around the world.

Project management, planning, design, and construction of some of the most innovative and technologically advanced airports in the world.

Understanding how to align capital development programmes with the business and investment drivers to successfully execute projects and protect operating airport revenues.

Delivering a full range of services:
- Grassroots development of Hamad, King Khalid, and King Abd al (engineering, procurement, construction management)
- Program management for Hong Kong, Chicago O’Hare, Mardi, and Las Vegas
- Delivery Partner for London Gatwick and London City airports
- Construction management services for John F. Kennedy, Los Angeles and Ontario
- Ownership stake and EPC services in Lima, London Luton, Costa Rica and Curacao
- Construction / EPC services for Muscat, Haneda and Chubu
- Master planning and design services for Heathrow, Incheon, London Gatwick, Western Sydney and Dubai airports.

80 years of...

1939 Fort Lewis Mcdonald Field, USA
1943 Birmingham Aircraft Modification Base, USA
1949 King Abdul-Aziz International Airport (formerly Jeddah Airport), Saudi Arabia
1952 Alaska Air Force Base, USA
1957 Mabila International Airport, Philippines
1961 King Khalid International Airport, Saudi Arabia
1962 Greater Pittsburgh International Airport, USA
1967 Newark International Airport, USA
1970 Manila International Airport, USA
1971 Lisbon International Airport, Portugal
1977 Honolulu International Airport, Hawaii
1981 King Khalid International Airport (Formerly Jeddah Airport), Saudi Arabia
1987 New York International Airport, USA
1990 Los Angeles International Airport, USA
1991 New Incheon International Airport, Korea
1995 Denver International Airport, USA
1998 Hong Kong International Airport
2000 Dubai International Airport, UAE
2002 Chicago O’Hare International Airport, USA
2005 Dallas/Fort Worth International Airport, USA
2009 London Gatwick Airport, UK
2009 – present London City Airport, UK
2009 – present Western Sydney Airport, Australia
2008 Miami International Airport, USA
2008 – present Juan Santa Maria International Airport, Costa Rica
2009 – present Khalid International Airport, Kuwait
2012 McCarran International Airport, USA
2014 Hamad International Airport, Qatar
2018 Muscat International Airport, Oman

2018 – present Western Sydney Airport, Australia
2017 – present London City Airport, UK
2017 – present Western Sydney Airport, Australia
2014 – present Hong Kong International Airport
2007 Jorge Chavez International Airport, Peru
2008 – present Miami International Airport, USA
2008 – present Juan Santa Maria International Airport, Costa Rica
2009 – present London Gatwick Airport, UK
2009 – present London City Airport, UK
2009 – present Western Sydney Airport, Australia
2008 Miami International Airport, USA
2008 – present Juan Santa Maria International Airport, Costa Rica
2007 Jorge Chavez International Airport, Peru
2007 – present Hong Kong International Airport
2000 Dubai International Airport, UAE
2000 – present Chicago O’Hare International Airport, USA
2002 King Fahd International Airport, Saudi Arabia
2005 Dallas/Fort Worth International Airport, USA
2009 London Luton Airport, UK
2012 McCarran International Airport, USA
2014 Hamad International Airport, Qatar
2018 Muscat International Airport, Oman

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80 years of...
Looking to the future

Long-term benefits: We contribute to sustainability beyond the project, leaving a positive impact on our customers and society.

At London City Airport (LCY), we are promoting socio-economic development through our programmes on local employment and procurement, workforce enhancement, and ‘STEM in Aviation’ school projects.

Sustainable solutions: We integrate sustainability and resiliency across the project lifecycle.

We support customer sustainability goals, assess options through cost analyses, and measure our success using rating systems such as LEED and BREEAM. At Hamad International Airport, we optimised the building orientation and sourced a high-tech glazing for the main terminal building to help minimise the impacts of internal heat gain in desert temperatures.

Smart technology: We are at the forefront of a global aviation trend.

At LCY, we are project manager for the new digital air traffic control tower—a UK first. The 50m high structure uses IAA data technology to feed a virtual control room based at NATS HQ in Swanwick, making LCY the first airport in Europe to fully rely on a digital air traffic solution.

Value in people: We develop people who promote sustainable airport design, construction, and operation.

Bechtel secondees at London Gatwick Airport performed many hours of instructor-led and on-the-job training, providing a valuable resource to Gatwick staff on all aspects of engineering, procurement, and construction work.

Bechtel is one of the most respected global engineering, construction, and project management companies. Together with our customers, we deliver landmark projects that foster long-term progress and economic growth. Since 1898, we’ve completed more than 25,000 extraordinary projects in 160 countries on all seven continents.

Our company and our culture are built on more than a century of leadership, and a relentless adherence to our values, the core of which are safety, quality, ethics, and integrity. These values are what we believe, what we expect, what we deliver, and what we live.

Above: London Gatwick Airport, UK
Front cover: Hamad International Airport, Qatar