







BUILDING THE FUTURE TOGETHER

Boeing in the UAE

The Boeing Company shares a long-standing relationship with the United Arab Emirates (UAE). From air transport and aviation support services to defense and satellite systems, Boeing has worked closely with UAE civil and defense authorities to achieve the country's objectives and ambitions. The UAE has emerged as a global air transport hub, thanks to its unique geographical position and a strategically planned approach to growing its aviation sector. Over the past few years, its airlines have grown in both influence and reach. They currently operate scheduled passenger and cargo flights to more than 160 destinations on six continents.

OUR COMMITMENT AND PARTNERSHIP

 1978 First Boeing airplane delivered to the UAE (VIP airplane to Dubai Amiri fleet)	 740 Boeing airplanes ordered by UAE customers to date	 150 Boeing 777s in the Emirates fleet
 70 787s ordered by Etihad Airways—the largest 787 customer in the Middle East	 3 Boeing 702 satellites operated by Thuraya Satellite Telecommunications	 149 Boeing employees across the UAE

INVESTMENTS

Boeing investments in the UAE have helped grow the local aerospace sector, creating jobs and driving innovation for mutual benefit.

 2 Tier 1 suppliers, STRATA and Edge Precision Industries (EPI)	 4 R&D projects in the UAE with STRATA, EPI, SBRC and Emirates Airlines
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COMMUNITY ENGAGEMENT

Boeing is proud to support science education and leadership training in the UAE through work with community partners.

 4 nonprofit and university partners in the UAE	 3 Boeing internship and apprenticeship programs for UAE youth	 \$2.9M in charitable giving to university and nonprofit partners since 2007
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BOEING IN THE UAE

Boeing Commercial Airplanes

Boeing airline customers in the country include Emirates, Etihad Airways and flydubai as well as aircraft lessors Dubai Aerospace Enterprise and Novus Aviation Capital.

Emirates is currently the world's largest 777 operator, with 150 of the aircraft in its fleet. The airline is also a launch customer for the 777X, with orders for 126 aircraft. In 2019, the airline also announced an order for 30 787 Dreamliners.

Etihad Airways is Boeing's largest 787 customer in the Middle East with a total order of 70 Dreamliners. The airline also operates 777 aircraft and is one of the launch customers for the 777X, with 25 on order. In November 2019, Boeing and Etihad signed a strategic partnership centered on the Boeing 787 ecoDemonstrator, to focus on innovation, continuous improvement of cost efficiency and impact of aviation on the environment.

flydubai became the region's largest customer for the 737-800 when it placed an order for 50 of the airplanes in 2008. In 2013, flydubai ordered 75 737 MAXs, the first of which was delivered in 2017. That same year, flydubai struck another landmark agreement with Boeing for up to 225 737 MAXs, representing the largest-ever single-aisle jet order from a Middle East carrier.

Boeing Defense, Space & Security

Defense, Space & Security products provided to the UAE include the AH-64 Apache and CH-47 Chinook helicopters. In addition, Thuraya Satellite Telecommunications operates three Boeing 702 satellites. The UAE also operates eight C-17 Globemaster III heavy-lift aircraft.

Boeing Global Services

From its Dubai distribution facility, Boeing provides sales and customer service support to the commercial airline industry, military customers and business aviation in the wider region.

Jeppesen, a Boeing company, is the world's leading provider of information management, operational efficiency, optimization and disruption management tools for pilots and aircraft operators.

Boeing also provides comprehensive engineering and technical data solutions. The company holds aircraft interiors Design

Organisation Approval (DOA) certifications from the UAE General Civil Aviation Authority and the European Aviation Safety Agency.

In the UAE, Boeing Global Services provides performance-based logistics sustainment support of the UAE's AH-64 Apache helicopters.

For the UAE's C-17 fleet, Boeing also provides sustainment and heavy maintenance, as well as a C-17 aircrew training center.

Partnerships

In 2012, Boeing and Mubadala announced a 10-year contract for Strata Manufacturing (STRATA) to produce ribs for the empennage of the 777 aircraft and vertical fin ribs for the 787. In 2016, the companies announced that STRATA would expand its work statement for Boeing as a supplier of the 787 vertical fin. In December 2020, following the UAE's 49th National Day, Strata successfully delivered its first 787 vertical fin shipset to Boeing. Additionally, Boeing agreed to source pre-impregnated composite materials for the new 777X from a new, UAE-based joint venture created by Mubadala and Solvay, making Boeing its first customer.

Boeing's partnership with the Tawazun Economic Council has enabled key industrial initiatives since 2013. In 2015, Edge Precision Industries (EPI), an Edge Group subsidiary, and Boeing announced the first award of complex metallic machined parts for Boeing aircraft to be built at EPI. This partnership led to another commitment between Tawazun Economic Council and Boeing, which expands the UAE's industrial base by enabling advanced materials manufacturing. In 2019, Tawazun, Boeing and TPI celebrated the opening of TPI's all-new aerospace surface treatment facility in Abu Dhabi.

Boeing has also worked with the Masdar Institute, Etihad Airways and UOP to establish the Sustainable Bioenergy Research Consortium (SBRC), a partnership to develop sustainable, available biofuel in the UAE. Boeing and its research partners, which include Abu Dhabi National Oil Company Refining, GE, Bauer Resources and Safran, made breakthroughs and found that seawater-fed desert plants, grown in Abu Dhabi, produce biofuel more efficiently than other well-known feedstocks. In January 2019, Etihad flew the first commercial flight using sustainable fuel.

A HISTORY OF PARTNERSHIP

1978

Boeing delivers first VIP airplane to Dubai Amiri fleet

1998

Boeing Service Center opens in Dubai

2007

Jeppesen establishes Middle East hub in Dubai

2010

SBRC established

2013

Historic order for 259 777Xs, worth more than \$95 billion, placed at Dubai Airshow
flydubai orders 75 737 MAXs

2014

STRATA delivers first 777 empennage rib shipset to Emirates

Boeing delivers Etihad's first 787-9

2015

STRATA's first shipset of 787 vertical fin ribs installed in a 787-9 delivered to Etihad Airways

2017

Flydubai orders 225 737 MAXs

Tawazun Economic Council and Boeing sign agreement enabling expansion of the UAE's advanced material manufacturing industry

2019

Etihad flies world's first flight using seawater-grown fuel made in the UAE

Tawazun, Boeing and EPI celebrate opening of EPI's new aerospace surface treatment facility in Abu Dhabi

2020

Strata successfully delivers its first 787 vertical fin to Boeing

IN-COUNTRY FLEETS

Commercial



Emirates

150 777s (direct purchase and leased)
126 777Xs on order
30 787s on order

flydubai

50+ 737-800s
14 737 MAXs
237 737 MAXs on order

Etihad

19 777-300ERs
5 777 Freighters
25 777Xs on order
39 787s delivered
32 787s on order

Defense



UAE Armed Forces

AH-64 Apaches
20 CH-47 Chinooks
8 C-17 Globemaster IIIs
3 Boeing 702 satellites

Services



Commercial Aviation Services

777 Component Services Program,
777 Landing Gear Shipset,
777 Training, 787 Quick Engine
Change Kits, Maintenance Training
Classroom, Stream, Wind Updates
and Interiors Mods, Consumables
Consignment agreement

UAE Armed Forces Services

C-17 Globemaster III Integrated
Sustainment Program, C-17
Simulator Training, AH-64D
Performance Based Logistics for
A/D Common Components