







## BUILDING THE FUTURE TOGETHER

# Boeing in Egypt

Boeing has enjoyed a strong relationship with Egypt since the 1960s. In fact, in 2016, Boeing and EGYPTAIR, the country's national carrier, celebrated 50 years of partnership. The relationship has also extended to the Egyptian military since they acquired F-4 Phantom IIs in 1979.

Boeing has supported Egypt with charitable contributions since 2007, establishing and implementing numerous initiatives that focus on STEM education, employability skills, workforce development and entrepreneurship.

## OUR COMMITMENT AND PARTNERSHIP

 <p><b>1966</b> EGYPTAIR announced its first Boeing order for three 707s</p>	 <p><b>29</b> 737-800s in the EGYPTAIR fleet, one of the largest of its type in the region</p>	 <p><b>2019</b> EGYPTAIR flew the world's longest 787 Dreamliner delivery flight using biofuel</p>
 <p><b>1979</b> Egyptian Air Force acquired F-4 Phantom IIs</p>	 <p><b>43</b> AH-64D Apache attack helicopters owned by the Egyptian Air Force</p>	 <p><b>18</b> CH-47D Chinook helicopters owned by the Egyptian Air Force</p>

## COMMUNITY ENGAGEMENT

Since 2007, Boeing has supported programs focused on developing 21st-century skills such as employability, entrepreneurship, women empowerment and STEM.

 <p><b>\$2M</b> investment in the community since 2007</p>	 <p><b>2,245</b> Aerospace engineers from Cairo University enlisted in Boeing-funded program since 2016</p>	 <p><b>21,952</b> beneficiaries of community programs since 2007</p>
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## BOEING IN EGYPT

### Boeing Commercial Airplanes

In 1966, EGYPTAIR ordered three Boeing 707s, the first of which was delivered in 1968. Since then, EGYPTAIR has ordered 70 Boeing aircraft, including eight 787-9s from Dublin-based AerCap, a global leader in aircraft leasing.

Today, the majority of EGYPTAIR's fleet comprises Boeing airplanes, a mix of single- and twin-aisle aircraft. Its Next-Generation 737 fleet is one of the largest of its type in the region. In April 2017, EGYPTAIR marked its 85th anniversary by adding a special milestone logo to its 737-800 livery. In 2019, EGYPTAIR took delivery of six 787s, with two more on order.

### Boeing Defense, Space & Security

In 1979, the Egyptian Air Force (EAF) acquired F-4 Phantom II supersonic, advanced tactical fighter jets. Between 1984 and 2011, the Egyptian Armed Forces (both Air Force and Navy) procured 201 Harpoon missiles for air-, ship- and sub-launched applications. In 2020, Egypt was authorized to purchase a Harpoon Joint Common Test Set.

EAF first received delivery of AH-64A Apaches in 1994, and in 2000 Boeing received a contract to remanufacture Egypt's Apache fleet to the AH-64D configuration.

In 2005, Boeing was awarded a contract for the sale of Avenger air defense units as well as associated equipment, spares and logistics support. This contract provided Egypt with an additional two of the short-range air defense brigade units; the first were delivered in 2000.

Egypt currently has 18 CH-47D Chinook helicopters supporting its armed forces and disaster relief efforts.

### Boeing Global Services

In Egypt, Global Services provides a contractor logistics support program for EAF's AH-64D Apache helicopters. The program includes technical support publications, field services representatives, field engineering, obsolescence management and program management oversight. Material support includes limited repairs and overhauls asset management and logistics.

In addition, Boeing provides Mobile FliteDeck electronic charting and navigation data to the Egyptian Air Force.

EGYPTAIR has used a number of Global Services digital solutions to optimize and maintain its fleet, including electronic flight bag applications, Flight Deck Solutions and Airplane Health Management. The airline has also used Boeing's global supply chain footprint to access and service necessary parts, landing gear, chemicals, accessories and components.

## FLEET AND SERVICES

### Commercial



#### EGYPTAIR

6 777-300ERs  
29 737-800s  
6 787-9s and 2 on order

### Defense



#### Egyptian Air Force

43 AH-64D Apaches  
25 Avengers  
18 CH-47D Chinooks

### Services



#### Commercial

Digital solutions  
Electronic flight bag applications  
Flight deck solutions  
Airplane health management

#### Defense

Technical support publications  
Program and obsolescence management  
Material support

## Boeing Global Engagement

### Entrepreneurship

Boeing first started funding INJAZ Egypt in 2008, supporting entrepreneurship programs for high school students. As of 2019, INJAZ Egypt Start Up program has impacted over 2,000 students from 27 schools, launched 29 operating companies and created 417 jobs.

In 2017, Boeing also funded another INJAZ Egypt program, which took young entrepreneurs on a two-week trip to the United States. There, they were introduced to the Silicon Valley, California, entrepreneurship ecosystem and received networking and mentorship opportunities for their startups. So far, 35 young entrepreneurs have benefited from this program.

### Education

Boeing supports World Learning's efforts to help the Ministry of Education in Egypt enhance STEM education in schools. This support includes the Curiosity Machine, an engineering-focused design program with which families, teachers and students complete science projects.

Also with World Learning, Boeing supports three organizations, Light & Hope, The Deaf Centre and Al Hassan Foundation, which help those with disabilities develop critical employability skills.

In 2019, Boeing launched a STEM center, managed by World Learning, targeting Egyptian youth in grades 6 to 10. The center educates students in project-based STEM learning activities through an exciting hands-on approach while also delivering training programs for teachers interested in building their skills in STEM. The center aims to serve 12,000 community members in the first three years.

Boeing also partnered with Education for Employment, an organization that delivers job training and placement programs, to help 100 young Egyptians receive links to job opportunities and equipped 350 underprivileged university students with employability skills.

### Universities

In 2016, Boeing began supporting Cairo University's aeronautical engineering program and has since expanded support into funds for all STEM programs. So far, the university has used the funds to support 87 students working on STEM graduation projects, including a flight simulator, a weather balloon and aircraft-accident software, as well as aviation books and education kits for more than 850 students. Funds have also supported the department's aerospace engineering project fair as well as outreach events at primary and secondary schools to raise awareness about aerospace engineering to more than 850 students.

## A HISTORY OF PARTNERSHIP

1966

EGYPTAIR orders three 707s, its first Boeing order

1979

Egyptian Air Force acquires F-4 Phantom IIs

1984

Boeing begins sales of Harpoon missiles to the Egyptian Armed Forces

1990

Egyptian Air Force makes its first acquisition of AH-64A Apache helicopters

2000

Egypt takes delivery of two Avenger air defense units

2005

Egypt acquires another two Avenger air defense units plus associated equipment and support

2010

Egypt orders additional AH-64D Apache helicopters

2017

EGYPTAIR marks its 85th anniversary with a special milestone logo on its 737-800 livery

2019

EGYPTAIR flies the world's longest 787 Dreamliner delivery flight using biofuel