







## BUILDING THE FUTURE TOGETHER

# Boeing in Mexico

Boeing and Mexico have been partners for almost 60 years. The first Boeing delivery was in 1960 to the country's largest airline, Aeroméxico. Mexico is an essential part of the Boeing value chain — the sixth largest supply region in the world and largest in Latin America. Mexsat, one of the world's most advanced telecommunications systems, was built by Boeing for the Mexican government.

## OUR COMMITMENT AND PARTNERSHIP

 <p><b>1960</b> Aeroméxico received its first Boeing aircraft</p>	 <p>Aeroméxico operates an all-Boeing fleet for airplanes larger than 100 seats</p>	 <p><b>\$500M+</b> Boeing spends over \$500 million annually in Mexico for commercial airplane parts</p>
 <p><b>270+</b> Over 270 Boeing aircraft are in service across the country</p>	 <p>Mexsat is one of the most advanced telecommunications systems in the world</p>	 <p><b>20%</b> Mexico accounts for 20% of Latin America's aircraft market</p>

## INVESTMENTS

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

 <p><b>TOP 10</b> Mexico is one of Boeing's top 10 manufacturing locations</p>	 <p><b>20+</b> Boeing contracts directly with more than 20 local aerospace companies</p>	 <p><b>\$1B</b> Boeing and its supply chain spend up to \$1 billion per year in Mexico</p>
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# BOEING IN MEXICO

## Boeing Commercial Airplanes

For the past several years, the aviation industry in Mexico has performed better than the overall economy, and today the country is the sixth largest supplier to the U.S. aerospace industry.

Mexico has been a Boeing partner since 1960. Currently, there are approximately 270 Boeing aircraft in service across the country. The country's largest airline, Aeroméxico, operates an all-Boeing fleet for airplanes larger than 100 seats.

In 2011, Boeing worked with Aeroméxico to conduct the world's first commercial transcontinental flight powered by aviation biofuel. The airline's 777-200ER (Extended Range) traveled from Mexico City to Madrid using a fuel blend of up to 30% biofuel, made from the *Jatropha curcas* oilseed plant, and mixed with traditional jet fuel.

In 2016, Boeing, Aeroméxico and the government of Mexico began collaborating on a new research and development program for sustainable aviation biofuel in Mexico. The biojet program involves 17 institutions that will consider *Jatropha*, salt-tolerant *Salicornia* and sewage sludge as potential feedstocks for the new fuel.

Mexico is Boeing's largest supplier nation in Latin America and one of Boeing's top 10 regions in the world for sourcing airplane components and assemblies. Boeing and its suppliers spend about \$1 billion annually with Mexico's aviation manufacturing industry. The company contracts directly with more than 20 local aerospace companies, spending more than \$500 million annually to support all its commercial airplane programs.

## Boeing Defense, Space & Security

Boeing is proud of its long-standing collaboration with Mexico, developing and expanding a satellite system that serves the country's security, communication and social needs. Boeing's satellite support to Mexico dates back to 1985 when the company provided two 376 satellites, Morelos-1 and Morelos-2. Both were retired after exceeding the contract design life.

In 2010, Boeing received a contract from the government of Mexico to deliver an end-to-end satellite communications system providing secure communications for Mexico's national security needs, as well as enhanced coverage for the country's civil telecommunications. The system, known as Mexsat, consists of two satellites, two network and satellite control stations, associated network operations procedures and prototype user terminals.

On January 7, 2014, Boeing completed the first of two 702HP (high power) geostationary satellites, Centenario, for the Mexsat system; however, it was lost during launch on May 15, 2015, due to a Proton launch vehicle failure. The second Mexsat 702HP geostationary satellite, Morelos-3, launched on October 2, 2015, and sent its first signals from space. After Boeing and Mexico completed all field testing, the government of Mexico accepted the system on August 25, 2016. Together with the two Mexsat ground stations, the satellites form Mexsat, one of the most advanced satellite-based telecommunications systems in the world.

Boeing has also supplied a variety of products to the Mexican armed forces, including two 737-800s.

## Boeing Global Engagement

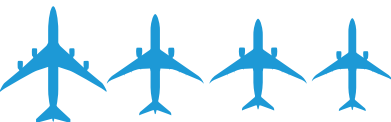
Mexico is one of four countries in Latin America where Boeing works with the Pan American Development Foundation to help teachers increase their ability to teach STEM, improve curriculum and engage students in project-based learning challenges through the STEM Academies.

The first phase of STEM México will span two years and aims to impact 12,000 students. The state of Campeche is matching Boeing's funds for the implementation of the program in 10 schools.

Boeing is also partnering with nonprofit Educando to implement an intensive two-year program that trains public high school math and science teachers and teacher coordinators in STEM abilities. The program makes use of project-based methods and emphasizes 21st-century skills to teach the state-mandated curriculum, through in-person trainings blended with distance learning via Educando's Virtual Learning Community.

# FLEET AND SERVICES

## Commercial



**Aeroméxico**  
270+ Boeing aircraft in service

## Defense and Space



**Air Force**  
2 737-800s

**Ministry of Communications and Transportation**  
Satellites: Morelos-1, Morelos-2 and Morelos-3; Solidaridad-1 and Solidaridad-1; Satmex-5

## Services



Maintenance  
Performance Toolbox  
Records

# A HISTORY OF PARTNERSHIP

**1960**

Aeroméxico receives its first Boeing airplane

**1985**

Boeing satellite support to Mexico begins

**2006**

Aeroméxico becomes the first Latin American carrier to order the 787-8

**2011**

Aeroméxico 777-200ER performs the world's first commercial transcontinental flight powered by aviation biofuel

**2015**

Boeing launches STEM investment in Mexico

**2016**

Government of Mexico accepts the Mexsat system