



BUILDING THE FUTURE TOGETHER

Boeing in Malaysia

Boeing's relationship with Malaysia dates back to 1947 when Malayan Airways Limited acquired its first Douglas DC-3. Today, Boeing has a corporate office in Kuala Lumpur and a Commercial Airplanes Field Service office at Kuala Lumpur International Airport.

OUR COMMITMENT AND PARTNERSHIP

 1947 First aircraft acquired by Malayan Airways Limited	 167 Boeing Airplanes ordered by Malaysian Airlines to date	 \$49M invested in Aerospace Composites Malaysia
 1969 Year that Malaysia Airlines became the first 737-100 Southeast Asia customer	 1997 Malaysian Airlines' first 777 sets speed and distance records for around-the-world flight	 1.5M aerospace parts produced at Aerospace Composites Malaysia

INVESTMENTS

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

 \$62M total spend in Malaysia in 2019	 3 Tier 1 in-country aerospace suppliers	 12 subtier in-country aerospace suppliers
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COMMUNITY ENGAGEMENT

Boeing is proud to support important causes such as social and economic independence in Malaysia through its work with community partners.

 5 grants disbursed between 2008 and 2018	 \$643K invested in grants between 2005 and 2019
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BOEING IN MALAYSIA

Boeing Commercial Airplanes

In 1968, Boeing delivered three 707 jetliners to national carrier Malaysia-Singapore Airlines (formerly Malayan Airways Limited). In 1969, Malaysia Airlines became the first 737-100 Southeast Asia customer with the purchase of five aircraft to replace the Comet 4.

Malaysia Airlines was also one of Boeing's first 777 customers in Southeast Asia. The airline's first 777 — the Super Ranger — set world records for speed and distance in April 1997, flying around the world in 41 hours, 59 minutes, covering more than 23,000 miles (37,030 kilometers).

Over the years, Malaysia Airlines Bhd. has taken delivery of more than 140 Boeing airplanes, including 100 737s. In July 2016, it announced an order for up to 50 737 MAX airplanes. In September 2017, the airline signed a memorandum of understanding for 16 airplanes. The announcement included eight 787-9 Dreamliners.

Also in September 2017, Malaysia Airlines announced that the Boeing Global Fleet Care service will maintain its current and future Boeing airplanes.

Malindo Air, a joint venture between the National Aerospace & Defence Industries of Malaysia and Lion Air of Indonesia, operates 737-800s and 737-900ERs (Extended Range) as well as the 737 MAX 8. Malindo took delivery of the first 737 MAX 8 in May 2017, conducting the aircraft's first commercial flight, from Kuala Lumpur to Singapore, on May 22.

Boeing Defense, Space & Security

In 1993, Malaysia ordered eight F/A-18D Hornets from Boeing to strengthen the airpower capability of the Royal Malaysian Air Force. As part of Boeing's industrial participation commitment stemming from the purchase, the company completed a planned 10-year, \$271 million offset program within seven years.

Suppliers

Several suppliers in Malaysia support Boeing Commercial Airplanes programs, including the production of composite panels, major structural assemblies, engine fan cowls, precision machine parts, landing gear and avionics systems.

FLEETS AND SERVICES

Commercial



Air Cargo Express

737-400 (1)

Flyjet Sdn Bhd

737-300 (1)

Malaysia Airlines

737-800 (48)
737 MAX (on order: 25)

Malindo Air

737-800 (22)
737-900 (6)

MY Jet Xpress

737-300 (2)

Raya Airways

737-400 (1)
757-200 (1)
767-200 (1)

Sultanate of Johor Malaysia

737-800 (1)

Weststar General Aviation

767-200 (1)

Defense



Royal Malaysian Air Force

F/A-18D Hornet

Services



Boeing Global Fleet Care

Aerospace Composites Malaysia

Aerospace Composites Malaysia Sdn Bhd (ACM), a world leader in composite products and subassemblies for the aerospace industry, is a strategic alliance between U.S. partners Hexcel and Boeing. Boeing has a 50% stake in ACM.

Established in 1998, the joint venture is based in Bukit Kayu Hitam, Kedah, Malaysia. The \$32 million ACM plant was officially opened by Tun Dr. Mahathir Mohamad in September 2002.

In 2005, ACM became the world's sole producer of aileron composites for the Next-Generation 737 commercial jetliner. Before producing ailerons, ACM was the sole producer and distributor of the fixed trailing edge and fixed leading edge composites for the Boeing 737, 747, 757, 767 and 777. In 2008, Boeing selected ACM to provide the elevator and rudder machined honeycomb core for the 777.

In November 2013, ACM celebrated a 40% expansion to support increased production by Boeing Commercial Airplanes. The \$17 million investment allows ACM to continue expanding production of composite flight surfaces for all Boeing airplane programs, including the 787 Dreamliner.

In 2017, ACM commenced with new 777X work, including composite fixed trailing edge and empennage panels. In March 2019, ACM celebrated the production of its 1.5 millionth part — a 787 Dreamliner leading edge. In July 2019, ACM was recognized as having an outstanding safety culture, achieving six years of no lost time due to injuries.

Spirit AeroSystems Malaysia

Spirit AeroSystems Malaysia designs and builds aerostructures for both commercial and defense customers. Spirit AeroSystems Malaysia produces 787 fixed leading edge structural assemblies and added 737 cargo and galley door work in 2017. Spirit AeroSystems Malaysia commenced with a factory expansion in October 2017 in order to accommodate future work.

A HISTORY OF PARTNERSHIP

1947

Malayan Airways Limited acquires its first Douglas DC-3

1969

Malaysia Airlines becomes the first 737-100 Southeast Asia customer

1993

Malaysia orders eight F/A-18D Hornets

2002

Tun Dr. Mahathir Mohamad officially opens ACM

2005

ACM becomes the world's sole producer of aileron composites for the Next-Generation 737

2008

Boeing selects ACM to provide the elevator and rudder machined honeycomb core for the 777

2013

ACM celebrates a 40% expansion to support increased production by Boeing Commercial Airplanes

2016

Malaysia Airlines announces an order for up to 50 737 MAXs

2017

ACM commences new 777X work, including composite fixed trailing edge and empennage panels

Malaysia Airlines announces Global Fleet Care service will maintain its current and future Boeing airplanes

Malindo Air takes delivery and conducts first commercial flight of a 737 MAX 8