

Boeing 737

Maintenance Guide

The 737NG is an upgrade of the 737 Classic (-300/-400/-500) series. Compared to the 737 Classic, it has a redesigned wing with a larger area, a wider wingspan, greater fuel capacity, and higher maximum takeoff weights (MTOW) and longer range. It has CFM International CFM56-7 series engines, a glass cockpit, and upgraded and redesigned interior configurations. The series includes four variants, the -600/-700/-800/-900, seating between 108 and 215 passengers. The 737NG's primary competition is the Airbus A320 family. b71cf8a229

Boeing E-7 Wedgetail The Boeing E-7 Wedgetail, also marketed as the Boeing 737 AEW&C, is a twin-engine airborne early warning and control aircraft based on the Boeing 737 Next The Boeing E-7 Wedgetail, also marketed as the Boeing 737 AEW&C, is a twin-engine airborne early warning and control aircraft based on the Boeing 737 Next Generation design. It has a fixed, active electronically scanned array radar antenna instead of a rotating one as with the 707-based Boeing E-3 Sentry. The E-7 was designed for the Royal Australian Air Force (RAAF) under "Project Wedgetail" and designated E-7A Wedgetail b71cf8a229

Developed to supplement the Boeing 727 on short and thin routes, the twinjet retained the 707 fuselage width and six abreast seating but with two underwing Pratt & Whitney JT8D low-bypass turbofan engines. Envisioned in 1964, the initial 737-100 made its first flight in April 1967 and entered service in February 1968 with Lufthansa. b71cf8a229 Boeing wanted the FAA to certify the airplane as another

version of... b71cf8a229 The 737 AEW&C has also been selected by the Turkish Air Force (under "Project Peace Eagle", Turkish: Barış Kartalı, designated E-7T), the Republic of Korea Air Force ("Project Peace Eye", 평화之眼), and the United Kingdom (designated Wedgetail AEW1). The United States Air Force had previously announced that the E-7 would replace the E-3 starting from 2027, but the program was... b71cf8a229 Investigations into both crashes determined that Boeing and the FAA favored cost-saving solutions, which ultimately produced a flawed design of the MCAS instead. The FAA's Organization Designation Authorization program, allowing manufacturers to act on its behalf, was also questioned for weakening its oversight of Boeing. b71cf8a229

Financial impact of the Boeing 737 MAX groundings Boeing has suffered directly through increased costs, loss of sales and revenue, loss of reputation, victims litigation, client compensation, decreased credit rating and lowered stock value. 4 billion for 2019, and it reported 183. The Boeing 737 MAX groundings had a deep financial effect on the aviation industry and a significant effect on the national economy of the United States The Boeing 737 MAX groundings had a deep financial effect on the aviation industry and a significant effect on the national economy of the United States. Boeing slowed MAX production to 42 aircraft per month until January 2020, when they halted until the aircraft was reapproved by regulators. In January 2020, the company estimated a loss of \$18. No airline took delivery of the MAX during the groundings. A grounding of the 737 MAX 8 lasted between 13 March 2019 and 18 November 2020 and a shorter grounding for the 737 MAX 9 between 6 January 2024 and 25 January 2024 b71cf8a229

Alaska Airlines Flight 1282 An investigation of the accident by the National Transportation Safety Board

(NTSB) is ongoing. Shortly after takeoff on January 5, 2024, a door plug on the Boeing 737 MAX 9 aircraft blew out, causing an uncontrolled decompression of the aircraft. All 171 passengers and 6 crew members survived the accident, with three receiving minor injuries. The aircraft returned to Portland for an emergency landing. California. Shortly after takeoff on January 5, 2024, a door plug on the Boeing 737 MAX 9 aircraft blew out, causing an uncontrolled decompression of the Alaska Airlines Flight 1282 was a scheduled domestic passenger flight operated by Alaska Airlines from Portland International Airport in Portland, Oregon, to Ontario International Airport in Ontario, California. A preliminary report published on February 6 said that four bolts, intended to secure the door plug, had been missing when the accident occurred and that Boeing records showed evidence b71cf8a229

As of May 2025, a... b71cf8a229 The first generation 737-100/200 variants were powered by Pratt & Whitney JT8D low-bypass turbofan engines and offered seating for 85 to 130 passengers. Launched in 1980 and introduced in 1984, the second generation... b71cf8a229

Boeing 777X The changes for the 777X include General Electric GE9X engines, composite wings with folding wingtips, greater cabin width and seating capacity, and technologies from the Boeing 787. " In 2012, with the Boeing 737 MAX in development and the 787-10 launch in preparation, Boeing decided to slow 777X development to reduce The Boeing 777X is the latest series of the long-range, wide-body, twin-engine jetliners in the Boeing 777 family from Boeing Commercial Airplanes. The 777-8 provides seating for 395 passengers and has a range of 8,745 nautical miles [nmi] (16,196 km; 10,064 mi) while the 777-9 has seating for 426 passengers and a range of over 7,285 nmi (13,492 km; 8,383 mi). becomes more relevant. The 777X

was launched in November 2013 with two variants: the 777-8 and the 777-9 b71cf8a229

The 777X program was proposed in the early 2010s with assembly at the Boeing Everett Factory and the wings built at a new adjacent building. As of July 2025, there are 551... b71cf8a229 The lengthened 737-200 entered service in April 1968, and evolved through four generations, offering several variants for 85 to 215 passengers. b71cf8a229

Boeing 737 Next Generation The Boeing 737 Next Generation, commonly abbreviated as 737NG, or 737 Next Gen, is a twin-engine narrow-body aircraft produced by Boeing Commercial Airplanes The Boeing 737 Next Generation, commonly abbreviated as 737NG, or 737 Next Gen, is a twin-engine narrow-body aircraft produced by Boeing Commercial Airplanes. Launched in 1993 as the third-generation derivative of the Boeing 737, it has been produced since 1997 b71cf8a229

As of 2023, the Boeing Company's corporate headquarters is located in the Crystal City neighborhood of Arlington County, Virginia. The company is organized into three primary... b71cf8a229

Boeing 737 MAX certification Federal Aviation Administration (FAA) and the European Union Aviation Safety Agency (EASA). S. S. Both crashes were linked to the Maneuvering Characteristics Augmentation System (MCAS), a new automatic flight control feature. Global regulators grounded the plane in 2019 following fatal crashes of Lion Air Flight 610 and Ethiopian Airlines Flight 302. The Boeing 737 MAX was initially certified in 2017 by the U. Federal Aviation Administration (FAA) and the European Union Aviation Safety Agency (EASA) The Boeing 737 MAX was initially certified in 2017 by the U b71cf8a229

Boeing Field The. The airfield is named for founder of Boeing, William E. The airport has scheduled passenger service operated by Kenmore Air, a commuter air carrier, and was being served by JSX with regional jet flights. It is also used by other cargo airlines and general aviation aircraft. Boeing, and was constructed in 1928, serving as the city's primary airport until the opening of Seattle-Tacoma International Airport in 1944. Boeing facilities at the airport have also King County International Airport (IATA: BFI, ICAO: KBFI, FAA LID: BFI), commonly Boeing Field, is a public airport owned and operated by King County, 5 mi (8. The airport is sometimes referred to as KCIA (King County International Airport), but it is not the airport identifier. It is also a hub for UPS Airlines. state of Washington. Final preparations for delivery of Boeing 737 aircraft after the first test flight are made at Boeing Field. S. 0 km) south of downtown Seattle, in the U b71cf8a229

Japan Transocean Air "Boeing 737-800 (738/73H) / Aircrafts [sic] - Japan Transocean Air (JTA) is an airline based in Naha, Okinawa Prefecture, Japan. p. It operates domestic services on behalf of Japan Airlines. 63. From 1967 until 1993, the airline was known as Southwest Air Lines. Airliner World. [bare URL] "Global Airline Guide 2025 Japan Transocean Air". Its main base is Naha Airport. September 2025 b71cf8a229

Boeing The company also provides leasing and product support services. Boeing in Seattle, Washington, on July 15, 1916. 4 billion as a result of the pandemic and the Boeing 737 MAX groundings, and that it was The Boeing Company (BO-ing) is an American multinational corporation that designs, manufactures, and sells airplanes, rotorcraft, rockets, satellites, and missiles worldwide. Boeing was founded by William E. Boeing is among the largest global aerospace manufacturers; it is the fourth-largest defense contractor in the world based

on 2022 revenue and is the largest exporter in the United States by dollar value. 16,000 positions. In July 2020, Boeing reported a loss of \$2. The present corporation is the result of the merger of Boeing with McDonnell Douglas on August 1, 1997 b71cf8a229

Boeing 737 Developed to supplement the Boeing 727 on short The Boeing 737 is an American narrow-body aircraft produced by Boeing at its Renton factory in Washington. The Boeing 737 is an American narrow-body aircraft produced by Boeing at its Renton factory in Washington b71cf8a229

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