

Fault Reporting Manual 737

The aircraft was on a scheduled flight from London Heathrow Airport to Belfast International Airport. When a fan blade broke in the left engine, smoke was drawn into the cabin through the air conditioning system. The pilots believed this indicated a fault in the right engine, since earlier models of the 737 ventilated the cabin from the right, and they were unaware that the 737-400 used a different system. The pilots retarded the right thrust lever and the symptoms of smoke and vibration cleared,... b75c930687 According to the official investigation report by the Interstate Aviation Committee (IAC), the crash was a result of pilot error, arising from a lack of skill to recover from an excessive nose-up attitude during a go-around procedure. The pilots' deficiencies were caused by a problem with the airline's safety management and a lack of regulatory oversight. One member of the commission filed an alternative opinion report, however, claiming that the... b75c930687 Boeing expressed its sympathy to the relatives of the Lion Air Flight 610 and Ethiopian Airlines Flight 302 crash victims, while simultaneously defending the aircraft against any faults and suggesting the pilots had insufficient training, until rebutted by evidence. After the 737 MAX fleet was globally grounded, starting in China with the Civil Aviation Administration of China the day after the second crash, Boeing provided several outdated return-to-service timelines, the earliest of which was "in the coming weeks"... b75c930687

Boeing 737 MAX certification Nonetheless, the FAA criticized Boeing for not mentioning the MCAS in the 737 MAX's manuals. Boeing considered MCAS part of the flight control system, based on The Boeing 737 MAX was initially certified in 2017 by the U. 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. S. Federal Aviation Administration (FAA) and the European Union Aviation Safety Agency (EASA) b75c930687

Kegworth air disaster indicated a fault in the right engine, since earlier models of the 737 ventilated the cabin from the right, and they were unaware that the 737-400 used a The Kegworth air disaster occurred when British Midland Airways Flight 092, a Boeing 737-400, crashed onto the motorway embankment between the M1 motorway and A453 road near Kegworth, Leicestershire, England, while attempting to make an emergency landing at East Midlands Airport on 8 January 1989 b75c930687

An investigation into the accident by Greece's Air Accident Investigation and Aviation Safety Board (AAIASB) concluded that the crew had failed to notice that the cabin pressurization system was set to "manual" during takeoff checks. A ground engineer had (allegedly) set it to "manual" to conduct testing before the flight... b75c930687

Flash Airlines Flight 604 On 3 January 2004, the Boeing 737-300 that was operating the route crashed into the Red Sea shortly after takeoff from Sharm El Sheikh International Airport, killing all 135 passengers, most of whom were French tourists, and all thirteen crew members. Egyptian private charter company Flash Airlines. The findings of the crash investigation were controversial, with accident investigators from the different countries involved unable to agree on the cause of the accident. On 3 January 2004, the Boeing 737-300 that was operating the route crashed into the Red Sea shortly after takeoff Flash Airlines Flight 604 was a charter flight from Sharm El Sheikh International Airport in Egypt to Charles de Gaulle International Airport in Paris, France, with a stop-over at Cairo International Airport, provided by Egyptian private charter company Flash Airlines b75c930687

Helios Airways Flight 522 Shortly after takeoff on 14 August 2005, Nicosia air traffic control (ATC) lost contact with the pilots operating the flight, named Olympia; it eventually crashed near Grammatiko, Greece, killing all 121 passengers and crew on board. previous 2003 flight of a Boeing 737 between Marseille Airport and Gatwick Airport showed that a cabin-wide pressurization fault could be recognized by the Helios Airways Flight 522 was a scheduled international passenger flight from Larnaca, Cyprus, to Prague, Czech Republic, with a stopover in Athens, Greece, operated by a Boeing 737-300. It is the deadliest aviation accident in Greek history b75c930687

In 2016, the FAA approved Boeing's request to remove references to a new Maneuvering Characteristics Augmentation System (MCAS) from the flight manual. In November 2018, after the Lion Air... b75c930687 Boeing wanted the FAA to certify the airplane as another version of... b75c930687

Southwest Airlines Flight 345 On July 22, 2013, the Boeing 737 operating the route suffered a front landing-gear collapse while landing at LaGuardia Airport, injuring 9 people on board. Tennessee to New York City's LaGuardia Airport. On July 22, 2013, the Boeing 737 operating the route suffered a front landing-gear collapse while landing Southwest Airlines Flight 345 was a scheduled flight from Nashville International Airport, Tennessee to New York City's LaGuardia Airport. 5 million at the time, was written off and scrapped as a result of the accident. The aircraft, which was worth an estimated \$15 b75c930687

Southwest Airlines Flight 1455 overran the runway during landing on March 5, 2000. The aircraft, a Boeing 737-3T5, registration N668SW, came to rest on a city street adjacent to a Chevron Southwest Airlines Flight 1455 was a scheduled passenger flight from b75c930687

Boeing 737 MAX groundings "Indonesia to Fault 737 MAX Design, U. All 387 aircraft delivered to airlines were grounded by March 18. Archived from the The Boeing 737 MAX passenger airliner was grounded worldwide between March 2019 and December 2020, and again during January 2024, after 346 people died in two similar crashes in less than five months: Lion Air Flight 610 on October 29, 2018, and Ethiopian Airlines Flight 302 on March 10, 2019. Oversight in Lion Air Crash Report". S. Andrew (September 22, 2019). The Federal Aviation Administration initially affirmed the MAX's continued airworthiness, claiming to have insufficient evidence of accident similarities. By March 13, the FAA followed behind 51 concerned regulators in deciding to ground the aircraft. The Wall Street Journal b75c930687

Because the CFM International LEAP engine used on the 737 MAX was larger and mounted further forward from the wing and higher off the ground than on previous generations of the 737, Boeing discovered that the aircraft had a tendency to push the nose up when operating in a specific portion of the flight envelope (flaps up, high angle of attack, manual flight). MCAS was intended to mimic the flight behavior of the previous Boeing 737 Next Generation. The company indicated that this change eliminated the need for pilots to have simulator... b75c930687 Flight 604 was the deadliest air disaster in Egypt until it was surpassed eleven years later by the bombing... b75c930687 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. b75c930687

Maneuvering Characteristics Augmentation System (flaps up, high angle of attack, manual flight). The company indicated The Maneuvering Characteristics Augmentation System (MCAS) is a flight stabilizing feature developed by Boeing that became notorious for its role in two fatal accidents of the 737 MAX in 2018 and 2019, which killed all 346 passengers and crew among both flights. MCAS was intended to mimic the flight behavior of the previous Boeing 737 Next Generation b75c930687

Reactions to the Boeing 737 MAX groundings the aircraft against any faults and suggesting the pilots had insufficient training, until rebutted by evidence. After the 737 MAX fleet was globally grounded The two fatal Boeing 737 MAX crashes in October 2018 and March 2019 which were similar in nature - both aircraft were newly delivered and crashed shortly after takeoff - and the subsequent groundings of the global 737 MAX fleet drew mixed reactions from multiple organizations b75c930687

McCarran International Airport, Las Vegas, Nevada, to Burbank-Glendale-Pasadena Airport, Burbank, California, that overran the runway during landing on March 5, 2000. The aircraft, a Boeing 737-3T5, registration N668SW, came to rest on a city street adjacent to a Chevron gas station. The National Transportation Safety Board found that the incident was due to the pilots attempting to land with excessive speed. They also found that the air traffic controller placed them in a position from which their only option was a go around. Two of the passengers were seriously injured, and there were many minor injuries. As a result of the incident, the airport installed an Engineered Materials Arrestor System at the east end of the incident... b75c930687

Tatarstan Airlines Flight 363 Kazan, Russia. On 17 November 2013, at 19:24 local time (UTC+4), the Boeing 737-500 crashed during an aborted landing at Kazan International Airport, killing Tatarstan Airlines Flight 363 was a scheduled domestic passenger flight, operated by Tatarstan Airlines on behalf of Ak Bars Aero, from Moscow to Kazan, Russia. On 17 November 2013, at 19:24 local time (UTC+4), the Boeing 737-500 crashed during an aborted landing at Kazan International Airport, killing all 44 passengers and 6 crew members on board b75c930687

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