

# Boeing 787 maintenance

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**What is the maintenance schedule for the 787?** First base maintenance check will occur at 36 months, or twice the interval for the 767/A330. The same interval for the 777 is 24 months. Line maintenance check intervals are similarly extended with the 787 at a planned 1,000h versus 600h for the 777, 700h for the A330 and 300h for the 767.

**Does Boeing do maintenance?** Boeing provides on-site maintenance and support ensuring F/A-18 fleets (both Classic Hornets and Super Hornets) are mission ready.

**Why did Boeing stop making the 787?** FAA toughens oversight of Boeing's 787 Dreamliner The FAA had previously said it was toughening oversight of Boeing and the 787 Dreamliner after finding production flaws in the widebody airplane in 2022. Boeing told NPR it "promptly notified the FAA and this is not an immediate safety of flight issue".

**What is the 787 certification process?** At a high level, the certification process is a series of steps that generally include: planning how to meet federal requirements; gathering non-flight test compliance data showing compliance; flight testing to show compliance; and finally, closure.

**What is the lifespan of a Boeing 787?** A 787 can safely operate for at least 30 years before needing expanded airframe maintenance routines. Extensive and rigorous testing of the fuselage and heavy maintenance checks of nearly 700 in-service airplanes to date have found zero evidence of airframe fatigue.

**What is the 787 production flaw?** The latest issue involves incorrect tightening of more than 900 fasteners per plane — split equally between both sides of the jet's mid-body.

**What is the biggest problem with Boeing?** Boeing's problem is that the engineers have essentially been squeezed out of its culture and approach. Its historic commitment to engineering excellence has been abandoned and replaced by a Jack Welch-style obsession with Return on Net Assets. Dave Calhoun, Boeing's current CEO, has only had the job for three years.

**What is the highest paying job in Boeing?** The highest paying role reported at Boeing is Mechanical Engineer at the L6 level with a yearly total compensation of \$236,667.

**How long does plane maintenance usually take?** Such a check can generally take up to 50,000 man-hours, and 2 months to complete depending on the number of technicians involved.

**What is the quality problem with the 787?** PARIS/WASHINGTON/MONTREAL, June 13 (Reuters) - Boeing (BA. N) , opens new tab is investigating a new quality problem with its 787 Dreamliner after discovering that hundreds of fasteners have been incorrectly installed on the fuselages of some undelivered jets, two people familiar with the matter said.

**What are the latest problems with Boeing 787?** Federal safety officials are requiring inspections of cockpit seats on Boeing 787 Dreamliners after one of the jets went into a dive when the captain's seat lurched forward without warning and disconnected the plane's autopilot system.

**What is the 787 controversy?** Gaps in the Dreamliner Boeing's 787 Dreamliner planes, which entered service in 2011, could have 50-year lifespans – around 44,000 flights each, the company says. But Salehpour's complaint alleges crews assembling the plane failed to properly fill tiny gaps when joining separately manufactured parts of the fuselage.

**How long does it take to produce a 787?** Boeing said it will take about seven weeks to assemble the first plane. By the 100th plane, the company expects to lower that to six days and, ultimately, Boeing said a new 787 will roll out of its factory every three days.

**How to be a 787 pilot?** Once a pilot has obtained the CPL and ATPL, they must then receive additional certification specific to the 787. This certification requires the pilot to attend a specialized course offered by the aircraft manufacturer, which covers topics such as the aircraft systems, flight operations, and safety procedures.

**When was 787 certified?** The FAA and European Aviation Safety Agency certified the 787 on August 26, 2011, at a ceremony in Everett, Washington.

**Is Boeing 787 an old plane?** The Boeing 787 Dreamliner is a passenger aircraft made by Boeing. Its first flight took place on 15 December 2009. It was planned to be released earlier, but the first passenger flight of the airplane was in October 2011.

**Why is the 787 being retired?** The longer the 787s remained on the ground, the more it would cost to get them to fly again, due to the maintenance work required. As a result, they were no longer airworthy.

**Why is the 787 called Dreamliner?** During initial development it was simply the 7E7, but in 2003 Boeing held a contest to name the aircraft. Out of 500,000 entries from all over the world, the winning entry won by a scant 2,300 votes: the "Dreamliner."

**Why is the 787 not popular?** Another reason for the 787-10's apparent lack of popularity is due to the simple fact that it is a newer aircraft. While the 787-8 took its first flight in 2009 and the 787-9 in 2013, the 787-10 did not take to the skies until 2017, four years after being officially launched at the Paris Air Show in 2013.

**How many 787s have crashed?**

**What is the new defect on the 787?** This is the latest in a series of production problems that have plagued Boeing's 787 assembly facility in North Carolina. The newly discovered issue involves fasteners on the sides of the fuselage that may not have been tightened to the proper specifications.

**What Boeing plane to avoid?** A former senior manager at Boeing's 737 factory previously told "NewsNation Now" that he specifically avoids flying on Max airliners due to safety concerns. "I fly all the time. And even I schedule myself away from a Max," said Ed Pierson, a former manager at Boeing's facility in Renton, Washington.

**Why are Boeing planes falling apart?** Salehpour, who has worked at Boeing for more than 10 years and has sent his allegations to the FAA, said that a change to the construction process had introduced shortcuts that caused parts of the plane's fuselage to be improperly fastened together. These parts could, he warned, fall apart after thousands of flights.

**What is the best Boeing plane?** The new Boeing 777X will be the world's largest and most efficient twin-engine jet, unmatched in every aspect of performance. With new breakthroughs in aerodynamics and engines, the 777X will deliver 10 percent lower fuel use and emissions and 10 percent lower operating costs than the competition.

**What are the intervals for aircraft maintenance check?** The A check is performed approximately every 400-600 flight hours, or every 200–300 flights, depending on aircraft type. It needs about 50-70 man-hours, and is usually performed in an airport hangar. The A check takes a minimum of 10 hours.

**How many cycles can a 787 fly?** The composite-driven Boeing 787 Dreamliner is designed for 44,000 flight cycles. These jets can theoretically last several decades with an average of two daily flight cycles.

**How many 787 Dreamliners are in service?** Airline operators In June 2024 there were 1115 Boeing 787 aircraft in airline service, comprising 397 787-8s, 621 787-9s and 97 787-10s.

**How often do airline planes get maintenance?** Summary. Aircraft maintenance occurs on a schedule based on factors like age, hours flown, and takeoffs. Line maintenance consists of A Checks every 500-800 flight hours and B Checks every 4-6 months. Heavy maintenance includes C Checks every 18 months and D Checks every 5-6 years, costing millions.

**What is the maintenance schedule of an aircraft?** A Maintenance Schedule contains details of what is to be maintained on an aircraft and how often. The details are those published by the Manufacturer who may also be the Type Certificate Holder (TCH) of that product.

**What is the 90 day rule in aviation?** The rule basically says that in order to carry a passenger, you must have made three take off and three landings within the past 90 days.

**How many hours can a plane fly before maintenance?** Frequency of Routine Checks: Maintenance checks for light general aviation aircraft are typically carried out every 50 to 100 flight hours. During these inspections, various components are carefully examined and tested to ensure their proper functioning.

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**Why is the Boeing 787 so special?** The 787 Dreamliner Family In response to airline input, Boeing designed the 787 family with superior efficiency and versatility, which allows airlines to profitably open new routes and fly people directly where they want to go, when they want to go in exceptional comfort.

**How long can a 787 fly on one engine?** The B787 is ETOP certified for 1 engine operation for 330 minutes.

**Why is the 787 called the Dreamliner?** In July 2003, a public naming competition was held for the 7E7, for which out of 500,000 votes cast online the winning title was Dreamliner. Other names included eLiner, Global Cruiser, and Stratoclimber. All Nippon Airways launched the 787 program with an order for 50 aircraft in 2004.

**How many flight attendants does a 787 have?** By law there should be about 8, I've seen other posts say 8 or 9. Also don't forget that the flight might have a relief pilot (or two) depending on the length!

**How much does a new 787 cost?** The list price for a new Boeing 787-8 is \$239 million dollars. Yet even as international travel opens again for these long-range aircraft, two Dreamliners barely ten years old are waiting for the wrecker's ball. This particular pair of planes have been sitting in storage since May of 2019.

## What is the longest flight in the world?

**How old can an airplane be?** On average, a plane can fly for 30 years before it needs to be retired. Usually, a plane's life span isn't measured in years but rather in pressurization cycles. Every time a plane takes flight, it is pressurized, which puts stress on the fuselage and the wings. This is called metal fatigue.

**Do planes refuel after every flight?** Fueling occurs before nearly every flight. It's a standardized and straightforward process that is integral to the on-time performance of the airlines.

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