

# Boeing 777 aircraft maintenance

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**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.

**What is the maintenance of an aircraft?** Aircraft maintenance is a highly-regulated field requiring a robust regimen of scheduled or preventive servicing, inspection, testing, repair, and overhaul or modification activities by certified Maintenance, Repair and Overhaul (MRO) technicians on every aircraft in service.

**Is the Boeing 777 still in service?** Emirates operates the largest 777 fleet with 148 aircraft. FedEx Express operates the largest fleet of the 777F cargo aircraft. As of April 2024, 2,268 Boeing 777s, of all variants, have been ordered and 1,729 have been delivered.

**Why was the Boeing 777 discontinued?** The trijet 777 was later dropped, following marketing studies that favored the 757 and 767 variants. Boeing was left with a size and range gap in its product line between the 767-300ER and the 747-400.

**Who maintains Boeing planes?** Boeing does not have any role in routine aircraft maintenance, but they can and do provide technical support to the airlines when needed. Mostly, the airlines do their own maintenance.

**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.

**How stressful is aircraft maintenance?** With the constant pressure and sometimes stress of the work environment, it can be hard to be an aircraft mechanic. However, there is a reason for the strict safety oversight and the deadlines. If aircraft aren't maintained and inspected properly, they can't fly!

**Is aircraft maintenance expensive?** Aircraft Engine Overhaul and Refurbishment Costs Whether it is a piston engine overhaul at 2,400 hours or a turbine overhaul at 6,000 hours, the costs are a significant portion of the operating budget. A large business jet turbine overhaul can run to over \$1 million each!

**Is aircraft maintenance hard?** Aircraft engineers are responsible for repairing, maintaining, and inspecting aircraft ranging from small piston engines to gigantic turbine-powered jets. This sort of job varies depending on the company or airline, but it is unquestionably more hands-on and physically demanding than other professions.

**Why is 777 so special?** The Boeing 777's unique combination of superior range, outstanding fuel efficiency and passenger-preferred comfort has created long-range success for carriers around the world.

**Why is the Boeing 777 so good?** Flying at Mach 0.84—virtually the same speed as the 787 and 747-8—the 777 gives airlines the benefit of efficiency and speed. Raked wingtips were added to improve overall aerodynamic efficiency, extending each wing by 2 meters (6.5 feet).

**Which is better, Boeing 777 or Airbus A350?** The 777-9 has better capacity than the biggest A350 variant, but it has less range and costs more. The A350 has had relatively fewer challenges compared to the 777X's slew of production problems.

**What went wrong with the Boeing 777?** The whistleblower, Sam Salehpour, a Boeing engineer, alleged that Boeing took shortcuts when manufacturing its 777 and 787 Dreamliner jets — skipping crucial safety steps, which could lead to catastrophic failure of the airplanes as they age.

**Why is 777 so expensive?** What makes the plane so expensive? The 777-300ER can carry 365 passengers compared with the 787-9's capacity of 280. The GE engines on the 777 model develop 62% more thrust than the 787's two engines. The

plane is also longer than the Dreamliner, has a greater wingspan and a greater wing area, and is taller.

**What Boeing's to avoid?** Are there any Boeing planes I should avoid? No, there are no Boeing planes you should avoid. The aircraft affected by the grounding have been taken out of service so you won't encounter them on a flight. Those that have since returned to service have undergone safety checks and test flights and have been deemed safe.

**Are Airbus safer than Boeing?** Let's take a look at the number of NTSB events per 100k departures over time. The result indicates to me that Boeing has more NTSB events per departure, about 6.5 per 100k departures vs. 3.8 per 100k for Airbus (assuming I haven't made any errors). That's about 1.7x more events per departure than Airbus!

**Does Boeing use Chinese parts?** More than 10,000 Boeing airplanes currently fly throughout the world with parts and assemblies built in China. Boeing Tianjin Composites Co. Ltd, located in Tianjin, is a joint venture with the Aviation Industry Corporation of China (AVIC).

**Who is Boeing's biggest investor?**

**What is the bad Boeing plane?** Just over five years ago, 346 people were killed in two plane crashes that happened five months apart in Indonesia and Ethiopia.

**Is the Boeing 777-300ER safe?** So statistically, over time, flying gets safer and safer and safer.” In a recent analysis, Airline Ratings identified a list of aircraft that can be considered the safest to fly on, having never suffered any accident with fatalities. Among them are the Boeing 787 and 777-300ER, and the Airbus A220, A320neo and A380.

**Why is Boeing not doing well?** Boeing has since slowed manufacturing at the order of the U.S. Federal Aviation Administration. It lost \$355 million in the first quarter because of a decline in aircraft deliveries and compensation it paid to airlines for a temporary grounding of Max 9s. The Max was Boeing's answer to Airbus' A320 family of planes.

**Is aircraft maintenance a good career?** Aircraft mechanics have high earning potential in their jobs. These professionals make an average of \$67,153 per year . Their average salary can depend on their geographic location, training, professional experience and employer.

**How happy are aircraft mechanics?** At CareerExplorer, we conduct an ongoing survey with millions of people and ask them how satisfied they are with their careers. As it turns out, aircraft mechanics rate their career happiness 3.0 out of 5 stars which puts them in the bottom 29% of careers.

**How many hours do aircraft mechanics work?** Aircraft mechanics generally work 40 hours a week on eight-hour shifts around the clock, and overtime work is common. The basic airline mechanic's starting wage is dependent on the size of the company, location in the United States or other part of the world, experience, and type of craft worked.

**Do aircraft mechanics travel a lot?** Many mechanics travel to different countries to work on planes, providing them with an opportunity to experience new cultures and learn about different customs. So if you're looking for a career that is both challenging and exciting, consider becoming an aircraft mechanic.

**Is aircraft maintenance an engineer?** An aircraft maintenance engineer (AME), also licensed aircraft maintenance engineer (LAME or L-AME), is a licensed person who carries out and certifies aircraft maintenance. The license is widespread internationally and is recognised by the International Civil Aviation Organization (ICAO).

**How many years is aircraft maintenance?** Earn a degree You may opt to earn an associate's or bachelor's degree in Aviation Maintenance Science or Aviation Maintenance Technology. This route takes approximately two to four years to complete and qualifies you to sit for FAA exams to earn your A and P mechanic's certification.

**Does Boeing have good work life balance?** About 59% of the employees at Boeing work eight hours or less, while 6% of them have a very long day - longer than twelve hours. The Majority of Boeing employees are satisfied with their work life

balance and feel burnt out.

**What services does Boeing provide?** Boeing in Brief. As a leading global aerospace company, Boeing develops, manufactures and services commercial airplanes, defense products and space systems for customers in more than 150 countries.

**Does Boeing train mechanics?**

**Are airlines responsible for maintenance?** Safety is always the top priority of AMTs and U.S. airlines. AMTs are responsible for maintaining and repairing aircraft. Duties range from conducting scheduled inspections to troubleshooting, repair and general maintenance of these increasingly high-tech, complicated machines.

**Does Boeing pay a lot?** Some of the highest wages a worker can make at Boeing are in the job titles Lead Systems Engineer (\$162,450), and title Engineering Manager (\$159,813) which are the highest paying jobs at Boeing.

**Is Boeing still a good company to work for?** Boeing reviews FAQs Boeing has an overall rating of 3.8 out of 5, based on over 16,748 reviews left anonymously by employees. 71% of employees would recommend working at Boeing to a friend and 53% have a positive outlook for the business. This rating has decreased by 1% over the last 12 months.

**Does Boeing give bonuses?** Incentive Pay: Rewarding Performance Your total pay may include the opportunity to earn incentive awards based on how well you and Boeing perform. Depending on your role, you could earn a cash bonus when Boeing meets its financial and business goals, or be rewarded when you and the company perform well.

**What is aircraft maintenance?** Aircraft maintenance is the process of ensuring that an aircraft is safe and reliable for flight through regular inspections, repairs, and replacements of its components, systems, and structures. It is a critical aspect of aviation safety, as even minor malfunctions or defects can have serious consequences in the air.

**What is Boeing maintenance turn time?** Boeing Maintenance Turn Time is the centerpiece of Boeing's line maintenance suite of mobile applications. Boeing

BOEING 777 AIRCRAFT MAINTENANCE

Maintenance Turn Time allows airlines to quickly identify and resolve non-routine defects, reducing delays and cancellations and improving productivity.

**Is Boeing the biggest company in the world?** 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. Boeing was founded by William Boeing in Seattle, Washington, on July 15, 1916.

**Who pays aircraft mechanics the most?** The highest aircraft mechanic salaries are at the major airlines (Delta, United, American) and the major cargo operations (FedEx, UPS, etc.). As an aircraft mechanic at one of these operations with your A&P you can earn over \$100,000 a year within a few years of working.

**What skills do you need to work at Boeing?** Essential Skills for Thriving at Boeing Whether it's engineering or piloting, a strong STEM foundation (Science, Technology, Engineering, and Mathematics) is fundamental. Engineers delve deep into aerospace principles, while pilots command extensive knowledge of flight operations.

**Who supplies engines to Boeing?** GE supplies engines to the world's leading aircraft manufacturers, including Airbus, Boeing, De Havilland Canada, Embraer, and COMAC. Some of the aircraft types powered by GE engines include the Boeing 737, 777, 747, 787, A320, A330, and A340, plus all the aircraft powered by engines from joint ventures of the company.

**Who is responsible for aircraft maintenance?** Although pilots and aircraft owners rely on mechanics to maintain and inspect their aircraft, the owner or operator is ultimately responsible for airworthiness.

**Who conducts aircraft maintenance?** An aircraft maintenance engineer (AME), also licensed aircraft maintenance engineer (LAME or L-AME), is a licensed person who carries out and certifies aircraft maintenance. The license is widespread internationally and is recognised by the International Civil Aviation Organization (ICAO).

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