



ZEISS

Seeing beyond

Quality Assurance at all Altitudes



zeiss.com/aerospaceolutions

Flawless quality at maximum productivity

From fuel consumption, noise, and weight to Industry 4.0, connected data, and the digital twin, ZEISS Aerospace Solutions has got you covered. Whether in research and development departments, production manufacturing settings, or MRO facilities, our solutions deliver swift and precise information throughout the product life cycle. This ensures regulatory compliance and boosts your operational efficiency.



Aerostructure

The framework and fuselage determine the shape of the aircraft, and thousands of parts are assembled into one unit, making their integrity crucial. With ZEISS technology solutions, you can ensure each component's quality and proper installation, providing you with total peace of mind.



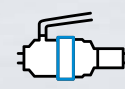
Aircraft Systems

Aircraft moving parts play a pivotal role in each flight cycle. High-quality solutions ensure these parts remain fit for purpose in extremely demanding conditions. ZEISS caters to every phase of development and manufacturing, from R&D testing to disc, wheel, and brake geometry measurement.



Jet engine

These safety-critical parts demand flawless accuracy due to ever-growing performance and fuel efficiency requirements. ZEISS offers a rich portfolio of high-end metrology solutions that help you improve productivity while achieving the measuring precision you need.



Auxiliary power unit (APU)

The significance of the APU, which provides power to essential systems, is often acknowledged only in malfunctioning instances. The APU's componentry exemplifies the strengths of ZEISS solutions as intricate and precisely engineered parts, including shafts, blades, and impellers undergo quality assurance with our advanced hardware and software systems.



Interiors

The interior design is crucial for passenger comfort, ergonomics, and overall engineering performance. The push for lightweight interiors has led to significant advancements in modern travel. Additionally, metrology ensures a proper fit, form, and function.



Maintenance, repair, and overhaul (MRO)

With a wide range of checks required at specific intervals, ZEISS always offers the solution you need to increase efficiency on a task-by-task basis. Need to reverse engineer custom or old aircraft types? Want to analyze corrosion or foreign objects in microscopic detail? The options are endless.

ZEISS Industrial Quality Solutions

Embracing safety and elevating performance



Bridge-Type and Multisensoric Coordinate Measuring Machines (CMMs)

High accuracy and precision for repeatability and reliable results



Optical 3D Metrology

Industrial non-contact 3D scanners for fast and precise measurements



ZEISS Integration Series

Automation and Integration Solutions to get the most out of your processes



Industrial Computed Tomography (CT) and X-Ray Solutions

Non-destructive quality control to make the invisible visible



Industrial Microscopy Solutions

Connected portfolio to accelerate decision-making



Software & Quality Intelligence

Measuring, evaluation, and management software for all quality data



ZEISS Services

Machine repair, software training, aftermarket services, contract inspection, and more

Your Global Partner

Turning challenges into opportunities

A global industry such as aerospace necessitates a comprehensive support network to address its various quality, measurement, inspection, and testing requirements. With over 38 Sales and Service Organizations, 63 ZEISS Quality Excellence Centers, and numerous distribution partners worldwide, one is always close to finding the appropriate solution to meet specific needs.

38 Sales & Service Organizations

245 Distribution Partners

11 Production Sites

63 Quality Excellence Centers

4,800 Employees



Find out more:
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