

Precision at all altitudes

ZEISS

Seeing beyond



ZEISS Aerospace Solutions

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 dictate the shape of the aircraft. They are the accumulation of tens of thousands of parts into one assembly, the integrity of which is paramount. With ZEISS technology solutions, you can ensure the quality and proper deployment of each part – for total peace of mind.



Auxiliary power unit (APU)

The importance of the APU, which powers various crucial units, is often only realized in the event of failure. Its constituent parts play to all the strengths of ZEISS solutions: Intricate, finely detailed components such as shafts, blades, and impellers are ideally suited to our hardware and software.



Jet engine

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



Aircraft systems

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



Interiors

The interior plays a vital role, not only in passenger comfort and ergonomics but also in engineering performance. And the lightweighting of the interior has inspired some of the biggest changes seen in modern travel. 3D metrology is key to safeguarding 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.

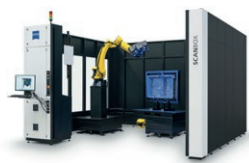
ZEISS Industrial Quality Solutions

Mastering Quality Together



Bridge-Type and Multisensor CMMs

High accuracy and precision for repeatability and reliable results



Optical 3D Metrology

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



ZEISS Integration Series

Automation and integration solutions to get the most out of your processes



Industrial CT and X-Ray Solutions

Non-destructive quality control that makes the invisible visible



Industrial Microscopy Solutions

Connected portfolio for accelerated decision-making



Software and 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

Shaping the future of the aerospace industry together

A global industry like aerospace needs a global support network to meet all its quality, measurement, inspection, and testing requirements. With more than 30 Sales and Service Organizations, 60 ZEISS Quality Excellence Centers, and hundreds of Distribution Partners around the world, you're never far away from the right solution to fit your needs.

38

Sales & Service
Organizations

245

Distribution
Partners

11

Production Sites

4,600

Employees

60

Quality Excellence
Centers



Find out more:
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