



Delta TechOps

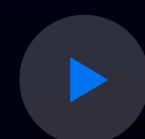
MRO 4.0: Digitalization, precision measurement, and speed

Delta TechOps, a subsidiary of Delta Air Lines, is a world-renowned MRO facility that is the largest in North America, catering primarily to commercial fleets. With over 400 engineers driving their fully integrated global maintenance organization based in Atlanta, Delta TechOps has continually improved operational efficiency to drive growth and innovation. Their focus on extending the service life of aircraft/engines, improving turbine engine performance, reusing serviceable parts, and reducing waste has made them a leader in impactful sustainability practices in the MRO industry.

“By improving operational efficiency and extending the aircraft’s service life, we are making the best use of resources, reducing waste, and lowering CO₂ emissions.”

Ray Romesburg, Senior Principal Engineer

Did you miss our digital
ZEISS Quality Innovation Days 2024?



Watch recordings

Industry

Aerospace

Challenges

- Remaining up to date on technological advancements is essential for maintaining competitiveness and fostering innovation.
- Attracting and retaining top-tier talent is crucial for sustained success.
- Adapting to evolving regulations is equally vital for ensuring compliance and long-term sustainability.

Systems

ATOS 5 for Airfoil, ZEISS ScanBox 5120

Solution

- Utilize advanced solutions such as the ZEISS ScanBox to perform complex inspections on a routine basis.
- Providing repaired parts of the highest quality, meeting regulatory safety standards presented by different parts in the MRO industry.
- Smart teach and smart scanning software functionality simplify training and onboarding for new projects and operators.

Software

ZEISS INSPECT, VMR, ZEISS INSPECT Airfoil

Benefits

- Improved engine performance with blades which may have otherwise been scrap.
- Increased accuracy and reliability, resulting in more effective repairs and improved operational performance.
- System flexibility when repairing different parts with much reduced needs for complex, calibrated fixtures.
- Easy to use systems for operators/inspectors

zeiss.com