



Nondestructive Testing Capabilities



Airlines for
America®



September 2026

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Every NDT inspection is a critical safety barrier. Aircraft maintainers, flight crews, passengers, and the public depend on the inspector to perform that inspection correctly and to report the results without compromise.

However, inspection reliability can be affected by seemingly minor conditions: an interrupted calibration, the wrong scan direction, inadequate surface preparation, poor probe coupling, incorrect equipment settings, fatigue, distraction, time pressure, or an assumption that someone else already verified the requirement.

Our responsibility is not merely to complete an inspection. Our responsibility is to produce a result that others can safely trust.

Today, let us remember: Never allow schedule pressure, familiarity, or assumptions to replace verification. When in doubt, pause, verify, and speak up—because the indication we miss may be the one that matters most.

Policy Statement: NORDAM is committed to achieving our customer expectations and meeting regulatory requirements for its aerospace products and services. Our focus is on placing the customer first, being process disciplined and data driven. This is achieved by stakeholders working together with our customers and suppliers to continually improve our safety, quality, and delivery performance

Regulatory Authorization: **Manufacturing Operations:** Requirements defined in Title 14 Code of Federal Regulations **Part 21** (Certification Procedures for Products and Articles).

Maintenance and Repair Operations: Requirements defined in Title 14 Code of Federal Regulations **Part 145** (Repair Stations).

Quality Management System: Each NORDAM facility maintains its own Quality Manual which defines its Quality Management System (**QMS**). The structure and content of each QMS is guided by adherence to the aerospace industry standards established the **IAQG** (International Aerospace Quality Group).

Quality Certifications: NORDAM maintains all required approvals from the relevant regulatory authorities and in addition maintains accreditations from numerous industry standards organizations such as the **IAQG** (International Aerospace Quality Group) and **Nadcap**. NORDAM is a voting member of the Americas Aerospace Quality Group (**AAQG**).

Division Certifications and Approvals



Nacelle and Thrust Reversers Systems

- AS9100 Rev. D
- NADCAP
 - Composites
 - Non-Destructive Testing (NDT)
- FAA PMA
- FAA Repair Station
- CAAC
- EASA 145

Interiors and Structures

- AS9100 Rev. D
- NADCAP
 - Chemical Processing
 - Composites
 - Non-Destructive Testing (NDT)
- FAA PMA

Transparencies

- AS9100 Rev. D
- FAA PMA
- FAA Repair Station
- EASA 145
- UK CAA

NORDAM Repair and Manufacturing

- AS9100 Rev. D, AS9110 Rev. C
- NADCAP
 - Chemical Processing
 - Composites
 - Non-Destructive Testing (NDT)
- FAA PMA





Quality Inspection Capability

NORDAM is experienced with multiple methods of NDI / NDT Including: UT Through-Transmission, UT Resonance, UT Pulse Echo, Radiography, Thermography, and Penetrant Inspection

NORDAM maintains a full complement of NDI equipment across multiple facilities as well as qualified level 2 technicians supported by multiple level 3's. NORDAM has achieved 24-month Merit status from NADCAP for composites NDT

Examples of large or complex composite and metal bond products requiring advanced NDT:

- Blue Origin New Glen Tunnel Covers
- Gulfstream G500-G800 Fuselage and Vertical Tail Panels
- Boeing F-16 Horizontal Stabilizer
- Northrop Grumman F-35 Engine Inlet Ducts
- GE Passport 20 Fixed Fan Duct and Bifurcation Fairing
- Multiple Nacelle Composite Fan Cowl Doors



AG-2 Gantry C-Scan Equipment

NORDAM NDT Equipment



ULTRASONIC (several)

- A-Scan
- Immersion
- Pulse Echo

Resonance (5 units)

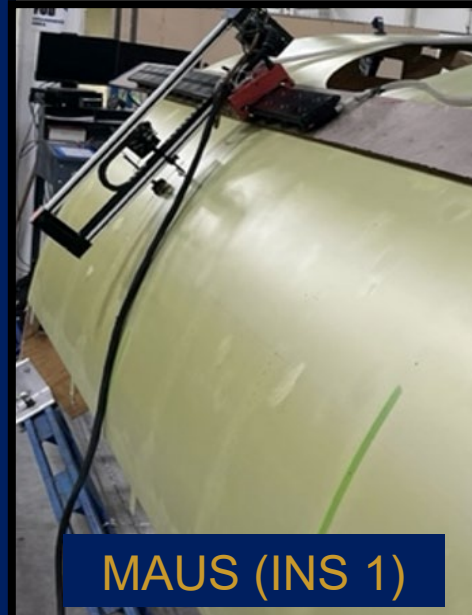
- MAUS
- AUSS Mobile

X-RAY (3 booths)

Eddy Current (6 units)

Thermography (6 units)

Penetrant Inspection (LPI) (3 booths)



Additional NDT Capability



FPI



Mag Particle



UT Immersion Tank



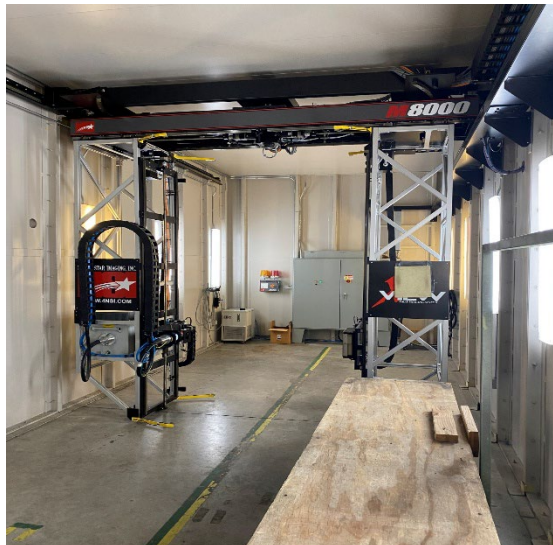
AG2



Film X-Ray



Digital X-Ray





- **GLOBAL S 15.30.10 A+/T+**
- Bed size - – 13' x 5.5'
- Accuracy – 4 microns
- Accuracy+ / Throughput+ package
- Scan+ model
- Passive dampers
- Controller RC1 Scanning, Size B 55V 16A US
- Extended Temperature Range (16-26 degree)
- Workpiece Standard Thermal Sensor
- Protective Base Covers
- Messaging Lights
- PULSE Wireless Environmental Monitoring System
- w/Remote Anti-Crash - 3M
- Single-CMM Air Dryer / Filter (110V)
- Next Jogbox
- 5 Axis XYZAB



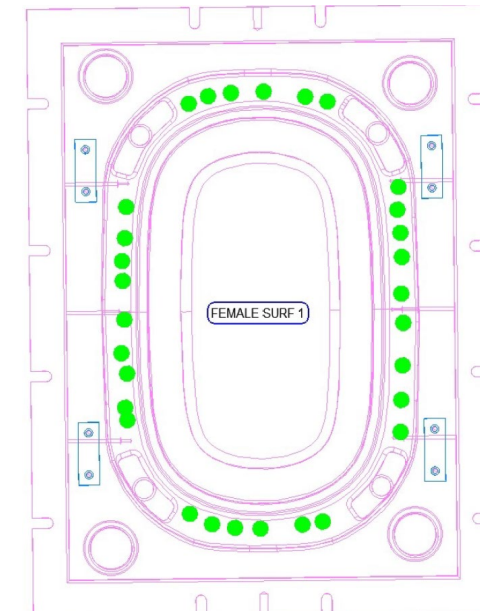
Fast, automated, & repeatable measurements



Dimensional Measurement Devices



- Hexagon CMM
- Leica 900 Laser Trackers
- Leica 400 Laser Trackers
- Rommer Arms
- Nikon Laser Radar
- Leica T Probes



SA Output

Questions and Discussion

