



HEICO
AIRCRAFT MAINTENANCE

NDT for You!

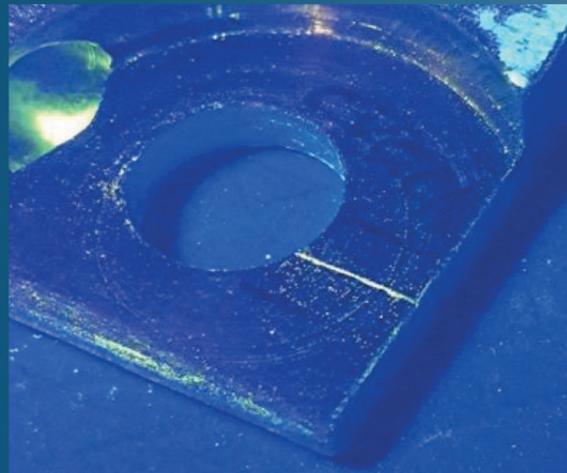
In our workshop or on-aircraft anywhere in Europe...

- We are an approved Part-145 maintenance organization with a full D1-rating.
- Our mobile team of experienced non-destructive testing inspectors provides in-shop and on-aircraft solutions tailored to your needs.
- We act highly flexible and efficiently in performing material testing while ensuring that your maintenance processes won't be interrupted or endangered.

We are here for you:

- Team of experienced NDT inspectors (Level 2 and 3 according to EN 4179 / NAS 410)
- Magnetic particle (MT), dye penetrant (PT), eddy current (ET), ultrasonic (UT) and thermographic (TT) testing; additionally X-ray (RT) testing by our external partner
- Mobile ad-hoc and regular on-aircraft checks throughout Europe

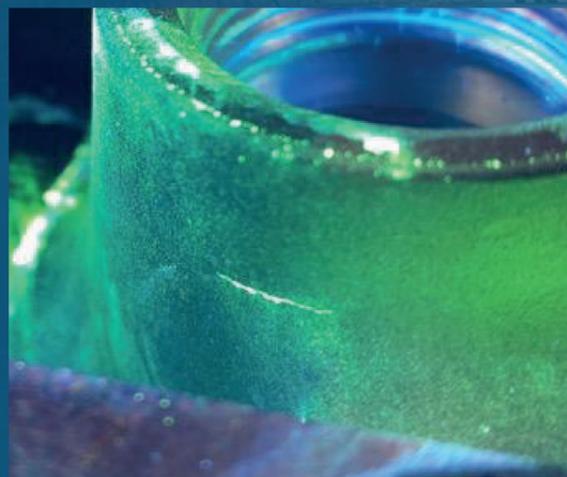
Magnetic Particle Inspection (fluorescent)



Door latch cracked

Mobile testing of ferromagnetic materials by means of hand magnet of e.g. engine mounts, landing gear parts or lock pins (e.g. cargo door)

Dye Penetrant Testing (fluorescent)



Manifold cracked

Inspection of defects open to the surface of e.g. fan blades, engine mount bolts, wheels

Eddy Current Testing



Engine inlet control

Fast and accurate inspection of defects and corrosion in electrical conductive materials (e.g. aluminium) and components (on the surface and in holes), such as dents in the aircraft skin, lightning strike inspections, finding and confirmation of cracks and their sizing, periodic tests

Ultrasonic Inspection

A300 MLG / rib 5 support lugs, ultrasonic phased array inspection for in inner diameter

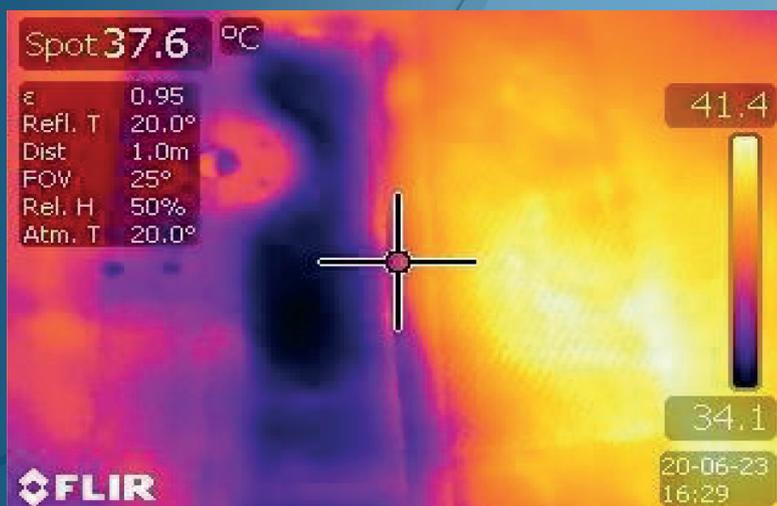
Visualisation and detection of defects in the volume of parts and components, such as:

- Wing attachments
- Measurement of the remaining thickness after blending has been carried out, e.g. due to corrosion
- Testing for delamination in CFRP components
- Testing of bondings (honeycomb core / skin), the so-called bondtesting

Slat leading edge, trailing edge wedge inspection for disbondings (Bondmaster)



Infrared Thermographic Testing



Imaging testing technology for the detection of e.g. water ingress in large-area components, such as elevators

X-Ray Inspection



Volume inspection for internal defects and water inclusions



Certification:

For each inspection performed we will provide you with an NDT Inspection Report and an EASA Form 1