ZEPPELIN®
WE CREATE SOLUTIONS

ADVANCED EDDY CURRENT ARRAY (ECA) TRAINING

FROM CONVENTIONAL ET TO ADVANCED IMAGING & MULTIPLEXING

Based on Practical Aerospace ECA Implementation and Validation Experience

TRAINING DATES: 8–10 JULY 2026

COURSE HIGLIGHTS

- C-Scan Imaging
- Advanced Signal Analysis
- Practical Labs
- Multiplexing Technology
- Aerospace Applications
- EN4179 / NAS410 Oriented

FOR WHOM?

- ET Level II Personell
- ET Level III Personell
- Aerospace NDT Inspectors

TRAINING CONTENT

- Conventional Eddy Current Refresher
- Eddy Current Array (ECA) Technology
- Electromagnetic & Array Physics
- Multiplexing & Signal Processing
- Rohmann M6 Operation & Setup
- Calibration with Aerospace Standards
- C-Scan Imaging & Data Interpretation
- Fastener & Lap Joint Inspection
- Corrosion Mapping & Crack Detection
- Level 3 Focused Technical Discussions

IN COOPERATION WITH Rohmann GmbH

TRAINING FORMAT

- Small Group Training
- Signal Interpretation Exercises
- Aerospace Case Studies
- Level 3 Focused Technical Discussions

STANDARD & GUIDELINES

- EN4179
- NAS 410
- NANDTB Guidance
- Certificate of Attendance provided

Zeppelin Aviation & Industrial Services GmbH
Alte Heerstr. 34 | 53757 Sankt Augustin | Germany
E-Mail: zai-schulungen@zeppelin.com
zeppelin-ais.com