

E N T



### References

Well-known companies such as Airbus, Liebherr Aerospace, Rolls-Royce Germany and ZF Luftfahrttechnik rely on the Zeppelin expertise. In addition to our diversified range of services, institutes and medium-sized companies particularly value our customized and flexible solutions.

### Aspiration

The denomination Zeppelin Aviation & Industrial Service speaks for itself. As a service provider, our main objective is customer satisfaction. Our professional testing services, profound competence and technical training by qualified experts ensure unconditional quality and safety standards. We manufacture welded constructions according to the most stringent requirements and we can also repair parts quickly and in accordance with the standards in urgent cases.

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## The whole works – all from a single source

E F F I C I E N T

### Material testing

- Nadcap accreditation
- On wing testing (EASA Part 145)
- Non-destructive material testing, e.g. fluorescent penetrant testing, magnetic particle testing, ultrasonic testing (such as phased array), radiographic testing, crack testing
- Destructive material testing, e.g. tensile and bending testing, hardness testing, weld seam testing, X-ray fluorescence material analysis

### Calibration service

- Accreditation in accordance with DIN EN ISO/IEC 17025
- Calibration of measurement and test equipment
- Complete test equipment management
- Collection and delivery service
- Preparation of DAkkS calibration certificates or factory calibration reports with measurement traceability

### Welding technology

- Manufacturing according to EASA Part 21G
- Maintenance according to EASA Part 145
- Welding according to DIN EN ISO 3834
- Repair welding of components
- MIG, MAG, WIG, WIG/DC aluminium welding (TIG), Wire-based laser deposition welding
- Prototype, sample and serial production

### Measurement technology

- Fully air-conditioned measurement centers with modern, high-precision measuring machines
- Tactile, manual and optical measurement technology
- Contract measurement services
- First article inspection (FAI)
- Gear measurement

### Management system consulting

- Consulting and establishing management systems, e.g. according to ISO/TS 16949, VDA 6.1/6.4, DIN EN 9100, DIN EN 14001, DIN EN ISO 9001, DIN EN ISO 13485
- Full support until certification
- Assumption of the duties of a quality management representative
- Carrying out internal audits
- Carrying out supplier audits

### NDT services and trainings

- Level III services
- Nadcap support
- Auditings
- NANDTB Germany training center for non-destructive testing (RT, PT, MT, UT, ET)
- Training according to DIN EN ISO 9712 and DIN EN 4179/NAS 410

### Industry expertise

- Aviation and aerospace
- Automotive
- Mechanical and plant engineering
- Railway engineering
- Medical technology



### Our locations

