

Merit

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*This certificate is granted and awarded by the authority of the Nadcap Management Council to:*

## *Liebherr-Aerospace Lindenberg GmbH*

*Pfaenderstrasse 50-52  
Lindenberg, 88161  
Germany*

*This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in [www.eAuditNet.com](http://www.eAuditNet.com) on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:*

### *Heat Treating*

Certificate Number: 9120232761  
Expiration Date: 29 February 2028  
Accreditation Length: 24 Months

A handwritten signature in black ink, appearing to read "Jay Solomond".

**Jay Solomond**  
Executive Vice President & Chief Operating Officer

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## SCOPE OF ACCREDITATION

### Heat Treating

**Liebherr-Aerospace Lindenberg GmbH**  
Pfaenderstrasse 50-52  
Lindenberg, 88161  
Germany

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://www.eAuditNet.com) - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

### AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION

**AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016)** \*\*\*If the Auditee holds any MTL accreditation, then this checklist must be done as part of an MTL audit.

(A) Room Temperature Tensile – Check any applicable boxes

**AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories-Metallography & Microindentation Hardness (to be used on audits on/after 14 August 2016)** \*\*\* If the Auditee holds any MTL accreditation, then this checklist must be done as part of an MTL audit

(L0) Metallography Evaluation

Industry Spec – Other L0

(L1) Microindentation (Interior)

Industry Spec – Other L1

(L10) Near Surface Examinations – Carburization/Decarburization

(L5) Near Surface Examinations – Microindentation (Surface Case Depth)

Industry Spec – Other L5

(L6) Near Surface Examinations – Nitriding

(L7) Near Surface Examinations – IGA, IGO

**AC7102 Rev K - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on or after 15-Aug-2021)**

Carburizing – AC7102/3 must also be selected

Nitriding – AC7102/4 must also be selected

Stainless Steels, Martensitic – Customer Specs

Stainless Steels, Martensitic – Industry Specs – Check any applicable boxes

Industry Spec – Other – Stainless Steels, Martensitic

Stainless Steels, Precipitation Hardening – Customer Specs

Stainless Steels, Precipitation Hardening – Industry Specs – Check any applicable boxes

Industry Spec – Other – Stainless Steels, Precipitation Hardening

Steels – Customer Specs  
Steels – Industry Specs – Check any applicable boxes  
Industry Spec – Other – Steels  
Stress Relieve – Customer Specs  
Stress Relieve – Industry Specs – Check any applicable boxes  
Industry Spec – Other – Stress Relieve  
Vacuum Heat Treating – Customer Specs  
Vacuum Heat Treating – Industry Specs – Check any applicable boxes  
Industry Spec – Other – Vacuum Heat Treating

**AC7102S Rev K - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/AFTER 12-Nov-2023)**

U11 The Boeing Company  
U22 Leonardo – Helicopters  
U25 Liebherr–Aerospace Lindenberg GmbH

**AC7102/3 Rev D - Nadcap Audit Criteria for Heat Treating - Carburizing (to be used on audits on/after 10 July 2016)**

Carburizing – Customer Specs  
Carburizing – Industry Specs – Check any applicable boxes  
Industry Spec – Other

**AC7102/4 Rev E - Nadcap Audit Criteria for Heat Treating - Gas, Ion/ Plasma and/or Salt Bath Nitriding (to be used on audits on/AFTER 30-Apr-2023)**

Ion Nitriding – Customer Specs  
Ion Nitriding – Industry Specs – Check any applicable boxes  
Industry Spec – Other

**AC7102/5 Rev F - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on audits on/AFTER 30-Apr-2023)**

Hardness – Brinell – Check any applicable boxes  
Industry Spec – Other  
Hardness – Rockwell – Check any applicable boxes  
Industry Spec – Other  
Hardness – Vickers – Check any applicable boxes  
Industry Spec – Other

**AC7102/8 Rev C - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits on/AFTER 20-Jul-2025)**

Pyrometry – Customer Specs  
Pyrometry – Industry Specs – Check any applicable boxes  
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