

Merit

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

***Heligear Acquisition Co. d/b/a Northstar Aerospace  
(Chicago) Inc.***

*6006 W 73rd St  
Bedford Park, IL 60638-6106  
United States*

*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: 4299204195  
Expiration Date: 30 November 2022  
Accreditation Length: 18 Months



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

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## SCOPE OF ACCREDITATION

### Heat Treating

**Heligear Acquisition Co. d/b/a Northstar Aerospace (Chicago) Inc.**  
6006 W 73rd St  
Bedford Park, IL 60638-6106

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:

**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)

(L10) Near Surface Examinations – Carburization/Decarburization

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

(L7) Near Surface Examinations – IGA, IGO

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

Carburizing – AC7102/3 must also be selected

Plating (Temporary Plating & Braze Preparation Only) – Check any applicable boxes

Industry Specs– Plating

Steels – Customer Specs

**AC7102S Rev J - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/after 31 May 2020)**

U11 The Boeing Company

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

Carburizing – Customer Specs

Vacuum Carburizing – Customer Specs

**AC7102/5 Rev E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 5 May 2019)**

Hardness – Rockwell – Check any applicable boxes

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#2

**AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits before 15-Aug-2021)**

Pyrometry – Industry Specs – Check any applicable boxes  
AMS2750