

Merit

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

## **CTL Aerospace**

*5616 Spellmire Dr  
Cincinnati, OH 45246  
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:*

## **Composites**

Certificate Number: 6001210220  
Expiration Date: 30 November 2023  
Accreditation Length: 18 Months

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

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Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

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## SCOPE OF ACCREDITATION

### Composites

**CTL Aerospace**  
5616 Spellmire Dr  
Cincinnati, OH 45246

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 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

#### AC7118 Rev G - Nadcap Audit Criteria for Composites (to be used on audits on/after 5 January 2020)

- 14b – NC Ply Cutting (Applies to CP, KSP, LRP, MB or PAR)
- 15a.5 or 15a.6 – Complex Core Processing (Septum, Stabilization or Forming, Applies to CP only)
- 18a or b – Resin Preparation and Mixing (Applies to LRP Only)
- 19 a or b – Liquid Resin Infusion (Applies to LRP Only)
- 21a – Autoclave (Applies to LRP, MB or PAR)
- 21b or c or d – Oven (Applies to CMP, LRP, MB or PAR)
- 21e or f – Press (Applies to LRP, MB or PAR)
- 22b – NC Machining/Trimming/Drilling (Applies to CMP, LRP, MB or PAR)
- 23 – Miscellaneous Bonding (Applies to CMP, LRP, MB or PAR)
- CMP – Compression Molding
- CP – Core Processing
- LRP – Liquid Resin Processing
- MB – Metal Bond
- PAR – Prepreg/Adhesive Bonding/Resin Film Infusion

#### AC7122/1 Rev B - Nadcap Audit Criteria for Non Metallic Materials Testing – Mechanical Testing

- 1.1.1 Tensile Ambient Temperature
- 1.1.2 Tensile Non–ambient Temperature
- 1.1.3 Tensile Strain Measurement
- 1.10.1 T–Peel
- 1.12.1 Climbing Drum Peel
- 1.13.1 Floating Roller Peel
- 1.2.1 Compression Ambient Temperature
- 1.2.2 Compression Non–ambient Temperature

- 1.2.3 Compression Strain Measurement
- 1.21.1 Flatwise tension, Sandwich
- 1.22.1 Sandwich Flexure
- 1.3.1 Shear Ambient Temperature by SBS
- 1.3.2 Shear Ambient Temperature  $\pm 45$  Tension
- 1.3.5 Shear Non-ambient (any method)
- 1.3.6 Shear Strain Measurement
- 1.4.1 Flexural Ambient Temp
- 1.4.2 Flexural Non-ambient
- 1.4.3 Flexural Strain measurement
- 1.9.1 Single Lap Shear – Ambient Temperature
- 1.9.2 Single Lap Shear – Non-ambient Temperature

**AC7122/2 Rev A - Nadcap Audit Criteria for Non Metallic Materials Testing – Physical Testing**

- 2.1.2 Hardness Testing: Barcol
- 2.1.3 Hardness Testing: Durometer
- 2.2.1 Density/ Specific Gravity
- 2.3.2 Resin/Fiber /Void Content by: Burn off
- 2.3.3 Resin/Fiber /Void Content by: Solvent wash
- 2.5.1 Volatile Content
- 2.6.1 Gel Time
- 2.7.1 Flow
- 2.8.1 Fiber Areal Weight
- 2.8.2 Prepreg Areal/Adhesive Film Weight

**AC7122-P Rev B - Nadcap Audit Criteria for Non Metallic Materials Testing – Laboratories P - Part Manufacturers Captive Laboratories Part manufacturer's captive testing laboratories (Only in conjunction with AC7118)**

Class A: Composites

Class B: Adhesive/Adhesive Primer