



NEXUS STAR AEROSPACE

CAPABILITY STATEMENT

Engineering • CAD Design • Tooling • Composites • QA/QC

SBA Small Business

Registered in SAM.gov

UEI: QG12ZWQHWND5

CAGE: 18ND9

Riverside, California

Nexus Star Aerospace is an SBA small business in Riverside, California providing engineering, CAD design, tooling, composite manufacturing, and quality assurance support to aerospace, space, and defense customers. Operating from a manufacturing space in Southern California's aerospace corridor, we help primes and fast-moving space companies get small-scope design, fabrication, and inspection work done quickly and correctly.

CORE COMPETENCIES

- **Quality Assurance & Quality Control Support** — inspection and QA/QC support for aerospace parts, tooling, and assemblies.
- **Engineering** — mechanical engineering support from concept through build for aerospace and space hardware.
- **CAD Design** — 3D CAD modeling, detail drawings, and drafting for parts, tooling, and fixtures.
- **Tooling** — design and fabrication of tooling, jigs, and fixtures to support production and test.
- **Composite Manufacturing** — fabrication of composite parts and structures for aerospace applications.

DIFFERENTIATORS

- **Agile & responsive** — small-business flexibility and fast turnaround on small-scope work.
- **Hands-on aerospace expertise** — founder brings direct aerospace quality and engineering experience.
- **One-stop support** — CAD design, tooling, and composite fabrication under one roof, backed by QA support.
- **Small business partner** — SBA small business that helps primes meet subcontracting goals.
- **Southern California location** — local to the Los Angeles / Orange County aerospace corridor.

LEADERSHIP — FOUNDER EXPERIENCE

Moises Valdez-Rubio, Owner / CEO

- Mechanical engineering background
- Aerospace quality, program management, and operations experience
- Prior individual experience includes work with SpaceX, Boeing, NASA, Raytheon, and Umbra

Reflects the founder's individual prior experience; not Nexus Star Aerospace contract past performance.

COMPANY DATA

Business Type: SBA Small Business

Founded: 2025

UEI: QG12ZWQHWND5

CAGE Code: 18ND9

SAM.gov: Registered

Facility: 1,000 sq ft manufacturing space

Location: Riverside, CA (Southern California)

NAICS CODES

- 336413** Other Aircraft Parts & Auxiliary Equipment Mfg (**Primary**)
- 541330** Engineering Services
- 541340** Drafting Services
- 333514** Special Die, Tool, Jig & Fixture Mfg
- 326199** All Other Plastics Product Mfg
- 541380** Testing Laboratories
- 541690** Other Scientific & Technical Consulting
- 541715** R&D in Physical, Engineering & Life Sciences
- 336414** Guided Missile & Space Vehicle Mfg
- 336419** Other Guided Missile & Space Vehicle Propulsion Unit & Parts Mfg
- 336411** Aircraft Mfg

TARGET MARKETS

Aerospace • Space • Defense

Primes, tier suppliers, and new-space companies seeking a responsive small-business partner for:

- Small-scope design and CAD work
- Tooling, jigs, and fixtures
- Composite part fabrication
- QA/QC and inspection support

CONTACT

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