

Capability Statement

Padden Design Engineering is a provider of engineering services for the development and support of advanced aerospace system components. Our extensive technical resources and wealth of experience on both commercial and military programs provides our customers with proven engineering leadership for product qualification and service.

Our engineering team is comprised of industry veterans and highly skilled progressive engineers. This configuration offers proficiency through a blend of specialized disciplines and a broad technical knowledge base. Our design capabilities encompass composite and metal structural, mechanical, and propulsion components. We utilize Engineering Standard Work on projects. This includes the use of proven processes and procedures, a state-of-the-art suite of software, and an extensive technical library of references, specifications, and standards.

Padden Design Engineering is an approved engineering services supplier to prime defense contractors, meeting quality and security requirements as well as DOD compliance. We use LEAN processes on every project which enables us to provide a high level of responsiveness to each of our customers.

Disciplines

- Engineering Management
- Design Engineering
- Material & Process Engineering
- Engineering Analysis
- Manufacturing Engineering
- Test & Evaluation Engineering

Software

- CATIA V5
- FEA Analysis - NASTRAN/FEMAP
- Standard Automated Analysis

Information

CAGE Code: 61QS7

DUNS: 831560078

NAICS Codes:

541330
541712
336411
336412
336413

Typical Aerospace Products

Auxiliary Propulsion System Components (Engine Mounts, Externals and Engine Build-Up)

Mechanical/Structural Components

Maintenance Training Systems, Mockups, and Prototype Parts

Advanced Composite Components

Tooling (Molds, Fixtures, Jigs, and Shop Aids)

Past Major Programs

Engine Mounts—Pratt & Whitney PW1100G and PW1900G Pure Power Turbofan Engines

Auxiliary Hydraulic System Components for Northrop Grumman Special Programs

Engine/APU Bleed Ducts—Sikorsky CH-53K Heavy Lift Helicopter

Lockheed Martin F15SA Weapons Trainer

Northrop Grumman Triton MQ-4C Power Plant Maintenance Trainer