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Corporate Overview

Carson Helicopters Inc. is an aviation company that focuses on advancing the performance in legacy aircraft. [Over the last six decades, Carson has mastered the maintenance and upkeep of dynamic and non-dynamic aerial components. Expanding the envelope, the corporation has taken on a new mission of developing next-generation aerial components that increase aircraft capabilities during flight. With over 35 STCs, growth in application has expanded the company's services from overhauling legacy aircraft to the development and certification of dynamic upgrades.] Working completely in-house, our multidisciplinary engineers, mechanics, and technicians can complete a series of drives working to further our mission of finding where aviation meets innovation.



AS9100



FAA PART 145



FAA PMA



GROUP 1 FLIGHT SAFETY

Core Capabilities

Our solutions and services are completed fully in-house. This allows our team to develop and maintain leading-edge advancements both efficiently and effectively. Below highlights multiple sectors we operate in and our "Mission Kit", featuring some of our most advanced modifications.

MRO

Complete and light overhaul of alldynamic and non-dynamic components.

MANUFACTURING

- Composite M/R & T/R Blades
- Computer Numerical Control
- Sheet Metal & Fabrication
- Vertical & Horizontal Milling
- Lathe

ENGINEERING

- Composite & Metal Material Testingand Certification
- Fatigue Testing (Full-Scale Coupon)
- Part Design Optimization (CAD)
- Aircraft Upgrades & LegacyRetrofitting
- Flight Testing (Stability, Control, & Performance)
- In-house DER & DAR

