WEAPONIZE YOUR WORLD

FULL SPECTRUM SOLUTIONS

- Engineering
- Integration
- Test
- Certification
- Technical Publications
- Part 145 Repair Station
- Training
- Manufacturing
- Weaponization

EXPERIENCE THE FULCRUM ADVANTAGE

At Fulcrum Concepts, we provide innovative services and products that continuously exceed our customers' requirements. Specializing in comprehensive solutions for tactical and technical organizations, we maintain a unique mix of highly capable personnel with operational military experience and extensive professional experience. Our goal is to provide elegant, lightweight, enduring solutions for customers.

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Fulcrum Concepts LLC • 804.785.1017 • 1776 Patriot Way, Mattaponi, VA • FulcrumConceptsLLC.com

ENGINEERING

Superior Products at Exceptional Value

We pride ourselves on developing solutions for our customers that are operationally effective, lightweight, easy to manufacture, and simple to maintain.

INTEGRATION

Fulcrum is a One-Stop Shop

Fulcrum's highly experienced integration and installation team conducts comprehensive first - article modifications all under one roof. Flight test and instrumentation can be conducted at our FAA Part 145 Repair Station facility or anywhere the customer requires. We provide end-to-end management and support, from testing necessary to get to flight test and supporting the flight test, to producing post flight test documentation.

TEST

Concept to Flight Test

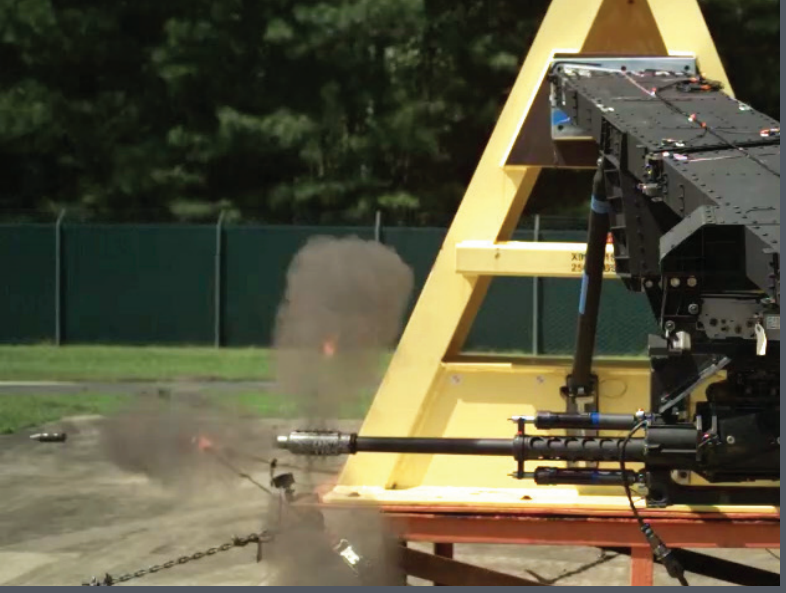
Fulcrum provides superior testing expertise from prototype through engineering development to qualification, ground, and flight test to include instrumentation and data acquisition for both Frequency Response Modal Analysis and flight test. Airworthiness reporting capabilities include AQP, AQS, AWR, and FAA compliant requirements.

CERTIFICATION

The Key to Comprehensive Solutions

Fulcrum produces much of the data required for airworthiness certification in-house due to our engineering substantiation and flight test capabilities. We have experience with complex US and foreign military sales airworthiness efforts, FAA STC efforts, and international direct commercial sales efforts. We can augment your certification effort or manage the entire process to include interfacing with the appropriate airworthiness authority.

FULCRUM



TECHNICAL PUBLICATIONS

What "Right" Looks Like

Fulcrum's team of highly experienced technical writers, illustrators, and animators leverage the expertise of subject matter experts, engineering infrastructure, and thorough understanding of customer requirements to produce high-quality print manuals, IETMs, and animations in-house, to include S1000D and MIL-STD compliant products using common-source databases.

PART 145 REPAIR STATION

Performing Maintenance on Bell and Airbus Aircraft

We are able to customize, overhaul, modify, or repair your aircraft with the complete backing of the FAA. Our certified technicians provide professional and comprehensive support and service throughout the aircraft's life cycle. Fulcrum is committed to ensuring your aircraft meets your special mission requirements.

TRAINING

Teaching Through Experience

Fulcrum conducts both technical and tactical training. Our vetted instructors are comprised almost exclusively of retired Army Special Ops personnel from a variety of disciplines. We provide solutions derived from hundreds of years of combined experience planning, preparing for, and executing high risk, no fail missions for the United States Government.

MANUFACTURING

Converting Data into Hardware

Fulcrum maintains an organic fabrication capability specializing in rapid prototyping and low rate initial production (LRIP). We also leverage a team of approved vendors to augment our fabrication capability for tasks requiring special capabilities or large volume.

WEAPONIZATION

Optimized for Operational Use

Fulcrum provides state-of-the-art weaponization solutions for customers by adapting to changing mission requirements with lighter, more reliable systems, and by developing optimized modular solutions that rapidly transition between mission sets. Fulcrum's weaponization solutions are uniquely suited to provide an enduring mission advantage to our customers.

ENGINEERING ▶ WEAPONIZATION ◀ INTEGRATION

Mission Statement | *We leverage Special Operations combat experience and advanced aerospace engineering to provide a mission advantage to our customers.*

FULCRUM

FULCRUM CONCEPTS, LLC

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Disabled Veteran Owned Small Business SDVOSB Service CVE

FAA Part 145 Repair Station: 9ULR659D
Type 10 FFL: 1-54-097-10-2J-24979
AS9100D / ISO 9001:2015 Certified
DUNS: 82-8833090

Contact us today for your custom solution!