Capabilities Briefing
January 2020

Engineering Tomorrow’s Freedom

SERVICE-DISABLED VETERAN OWNED
Company Structure
R2C
An SDVOSB dedicated to success

- Established August 2011
- Certified Service Disabled Veteran Owned Small Business
- AS 9100 and ISO 9001:2015 Certified
- DCAA Approved Accounting System
- Facilities & Personnel cleared to the TOP SECRET Level
- American Business Awards Defense & Aerospace Company of the Year – 2018
- American Business Awards Veteran Company of the Year – 2019
- Inc Magazine Best Places to Work – 2018 and 2019
- Named to 500 fastest-growing private companies in America 2017, 2018, 2019

SAVED US GOVERNMENT OVER $107M IN LAST 3 YEARS
Corporate Capability
Technical Solutions

**Program Management**
- Program Management Plan (PMP)
- Integrated Master Schedule (IMP)
- Work Breakdown Structure (WBS)
- Risk Management
- Cost Modeling & Estimation
- Cost Avoidance Analysis

**System Engineering**
- MIL-STD-499B Compliant
- ISO/IEC 15288 Compliant
- SEP IAW MIL-STD-3022
- TEMP IAW DOT&E Guidebook
- CM System IAW ISO 10007

**Modeling**
- Mechanized Package Design
- Ruggedized modeling package design
- SolidWorks® 3D Modeling
- Simulations and animations
- Finite Element Models (FEM)

**Design Engineering**
- Structural / Mechanical
- Digital & Analog Designs
- Electrical Harnesses
- Hydraulic Systems
- Reverse Engineering

**System Analysis Support**
- RAMS & Testability analysis
- FMECA / LORA / Worst Case Analysis
- Safety Assessment/Hazardous Material
- Finite Element Analysis (FEA)
- Thermal / EMC / Environmental
- DMSMS Analysis

**Rapid Prototyping / Re-Engineering**
- Requirements definition
- 3D Printing & Modeling
- Prototype Fabrication
- Mil Spec Cable Development & Fab
- PCB layout and design
- Obsolescence Resolution

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*World Class Capability with Proven Results*

*Proprietary Statement*
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# Corporate Capability

## Support Services

### Aircraft (A/C) Services
- O, I and D-Level maintenance
- Life cycle cost reduction solutions
- Aviation Systems Support
- Component Repair and Overhaul
- Depot Services and Modifications
- Supply Chain Management

### Kitting Services
- Warehousing
- Inventory Control
- Packaging (MIL-STD-2073-1D “A”)
- Shipping

### Ground Systems RESET & REBUILD
- Shelter Design and Manufacturing
- Undercarriage repair
- Sanding Painting and Coating
- Software Integration
- Technology Refreshment

### Sustainment
- Component level Circuit Board Repair
- Missile Radar Repair
- Aerial Mapping Camera Repair
- MILES Training Device Upgrades
- Military and Commercial Technical Order & Manuals
- Time Compliance Technical Orders (TCTO)
- Technical Directives (TD)
- Modification Work Orders (MWO)
- Air Worthiness Release (AWR) Directives
- Instructions for Continuing Air Worthiness
- Service Bulletins
- Maintenance Planning Documentation
- Provisioning Technical Documentation (RPSTL)
- Logistics Management Information (LMI) Summaries/Data Base
- Support Equipment Recommendation Data (SERD)
- Technical Training Courseware
- Training and Training Support

### Training
- System Integration
- Live Training Analysis
- Training Domain SME
- Training Device
- LVC-IA Support (TADSS)

### Computer Information Science
- Programming
- Object Oriented Programming
- Software design
Corporate Capability
Aerospace

Mechanical Fabrication Services
♦ 5 Axis CNC Milling and Turning
♦ Onboard Measurement
♦ Computerized Measurement Machine (CMM)
♦ CNC Punching & Bending
♦ Certified Welding
♦ Hardware Installation and Assembly
♦ Painting & Plating
♦ CMM Inspection Capabilities

Electrical Fabrication Services
♦ Build to Print and Custom Electrical Harness Manufacturing
♦ Complex Control and Junction Box Assemblies
♦ Braiding (EMI shielding, protective covering)
♦ Cable Jacketing, Potting, & Electrical Component Assemblies
♦ Soldering IAW IPC J-STD-001
♦ LASER and Ink Jet Wire marking

Test & Measurement Equipment
♦ Optical Comparator
♦ Computerized Air Ride Height Gauge
♦ Integrated Onboard Measurement & CMM
♦ RF Test Equipment,
♦ QMAX Flying Probe,
♦ Spectrum Analyzer,
♦ Network Analyzer,
♦ Power Supply,
♦ Power Supply Testers,
♦ O’Sscopes
Available Contract Vehicles
“Warfighter Centric Solutions”

PRIME
- GSA Professional Services Schedule (PSS)
- SeaPort-NxG
- Prototype Integration Facility (PIF) BPA
- SED CITES BPA
- C5 / CEED Consortium
- SED ITECS BPA

TEAM MATE
- AMCOM EXPRESS Technical
  - S3
  - IRTC
  - SigmaTech
- AMCOM EXPRESS Programmatic
  - S3
  - IRTC
  - SigmaTech

SUBCONTRACT SUPPORT
- Field Maintenance Division (FMD) – SigmaTech
- Contractor Field Teams (CFT) – S3 / AECOM
- Defense Technical Information Center (DTIC)
  - DS TAT
  - IAC - MAC
- AMCOM EXPRESS – Technical, Programmatic, & Logistics Domains
- INSCOM Global Intelligence Support Services (ID/IQ)
- Responsive Strategic Sourcing for Services (RS3)
- Aviation Prototype Facility (APF)
- Chief Information Officer–Solutions and Partners (CIO-SP3)
- Test & Evaluation Technologies for Ranges, Armaments & Spectrum (TETRAS)
- Logistics Support Facility Management Activity (LSF)

PENDING
- USAF Strategic Engineering Services WRAB

Typically On-Contract within 2 - 4 weeks of MIPR receipt
Points of Contact

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Service-Disabled Veteran Owned Small Business

RELIABLE, RESPONSIBLE, COMPETENT

R2C