

### Ready ★ Reliable ★ Capable

APPROVED FOR PUBLIC RELEASE

### R2C INC.

### **CAPABILITIES BRIEFING**

August 2021

SERVICE-DISABLED VETERAN OWNED



# R2C INC. AN SDVOSB DEDICATED TO SUCESS

Named Top 25 Innovative Companies to watch in 2021



- Established in August of 2011
- Certified Service-Disabled Veteran Owned Small Business
- **AS 9100 Rev D** and ISO 9001:2015 Certified
- ► DCAA Approved **Accounting System**
- >R2C has an **Active Facility Clearance** with the Department of Defense
- Nunn-Perry Award Winner 2020
- ➤ American Business Awards (ABA) Veteran Company of the year 2019 & 2021
- ➤ Inc Magazine Best Places to Work 2018, 2019, 2020
- ➤ Awarded Best n Electronic Equipment Repair 2015, 2016, 2017, 2018, 2019, 2020, 2021
- ➤ Named to 5000 fastest-growing private companies in America 2017, 2018, 2019, 2020, 2021
- ➤ Global Smart Leaders 20 Most Innovative Companies of 2020

### SAVED US GOVERNMENT OVER \$127M IN LAST 3 YEARS



# R2C INC. STRUCTURE

























# R2C 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 & SCM Solutions**

- **►** Warehousing
- >RFID Solutions & 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 Manuals (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/Database
- Support Equipment Recommendation Data (SERD)
- ➤ Technical Training Coursework
- ► Training and Training Support







## R2C TECHNICAL SOLUTIONS

#### **Program Management**

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

#### **Systems Engineering**

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

#### **Computer Information Science**

- > Programming
- Object Oriented Programming
- > Software design



#### **Modeling**

- SolidWorks® 3D Modeling
- Simulations and animations
- **▶** Finite Element Models (FEM)

#### **ILS & System Analysis Support**

- RAMS & Testability analysis
- ► FMECA / LORA / Worst Case Analysis
- Safety Assessment/Hazardous Material
- **→** Finite Element Analysis (FEA)
- ► Thermal / EMC / Environmental
- DMSMS Analysis
- > TM & MWO Development

#### **Training**

- > System Integration
- **▶** Live Training Analysis
- > Training Domain SME
- > Training Device
- LVC-IA Support (TADSS)











### R2C AEROSPACE

#### **Design Engineering**

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

#### Rapid Prototyping / Re-Engineering

- > Requirements definition
- > 3D Printing & Modeling
- > Prototype Fabrication
- **▶** Mil Spec Cable Development & Fab
- **PCB** layout and design
- Obsolescence Resolution

#### **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

#### **Mechanical Fabrication Services**

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



#### **Test & Measurement Equipment**

- Optical Comparator
- Computerized Air Ride Height Gauge
- Integrated Onboard Measurement & CMM
- > RF Test Equipment
- QMAXX Flying Probe
- Spectrum Analyzer
- Network Analyzer
- Power Supply
- Power Supply Testers

















# CONTRACT VEHICLES

#### **PRIME**

- **▶** GSA Professional Services Schedule (PSS) **▶**
- SeaPort-NxG
- Prototype Integration Facility (PIF) BPA
- > SED CITES BPA
- > Multiple OTA Consortium
- > SED ITECS BPA

#### **TEAMMATE / Potential Direct Awards**

- > AMCOM EXPRESS Technical
- > AMCOM EXPRESS Programmatic
- > AMCOM EXPRESS Programmatic

#### **PENDING**

- Contractor Field Teams (CFT)
- > Strategic Engineering Services WRAB

#### SUBCONTRACT SUPPORT

- Field Maintenance Division (FMD)
- Contractor Field Teams (CFT)
  - **Defense Technical Information Center (DTIC)** 
    - > IAC MAC
- > AMCOM EXPRESS Technical, Programmatic, & Logistics Domains
- ► Responsive Strategic Sourcing for Services (RS3)
- Contracted Maintenance, Modification, Aircrew and Related Services (CMMRS)
- > Special Operations Forces Personnel Recovery (SOF-PR)
- > Test & Evaluation Technologies for Ranges, Armements & Spectrum (TETRAS)
- **▶** Logistics Support Facility Management Activity (LSF)
- ► GSA ALLIANT Megatron II







### POINTS OF CONTACT

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Service-Disabled Veteran Owned Small Business

READY, RELIABLE, COMPETENT R2C Inc.