



**MISSION: To Serve and Continuously Improve under the “Do Unto Others” (DUO) Philosophy**

*Whether your product has fins, wheels, treads or wings – we’re here for you*

Cirtronics is a contract manufacturer offering extensive expertise in manufacturing complex and quality-sensitive products, with successful experience building ruggedized military UGV, marine UUV, AMRs, autonomous telepresence robots, robotic medical equipment and surgical assistive devices. Our niche is complex, full-system builds (including boards, subassemblies, final system assembly and integration), and we tailor our fully integrated manufacturing Precision Engagement® processes to meet our customer’s needs. We are proud that many of our customers have been with us for 20+ years.

## Core Competencies

- > **Project Management:** Transitioning from prototype to manufacturing (T2M) and full scale production; T2M services include reviews for manufacturability, testing, and supply chain
- > **Supply Chain:** Counterfeit material risk mitigation; awareness/planning obsolescence for end-of-life (EOL)
- > **Procurement:** Strategies and systems enabling support of production fluctuations while limiting inventory exposure, including Design for Supply Chain (DFSC)
- > **Mechanical & Test Engineering:** Design for Excellence (DFx), including Design for Manufacturability (DFM), Design for Assembly (DFA), and Design for Test (DFT) expertise
- > **Kanban** and supporting systems to support demand based on customer-provided forecasts
- > **Certifications and Registrations** include FDA, ITAR, and ISO 9001 to ensure approval and success, no matter your robotic application



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DUNS: 09-552-4708

CAGE: 4NT07

ISO 13485

ISO 9001

ITAR Registered

FDA Registered

FAR Compliant

*"Cirtronics worked with us from the beginning, making sure that every decision and plan was specifically tailored to our needs. Cirtronics deployed resources and proactively contributed their expertise to quickly and effectively transition Ava from design to production - without consuming our valuable engineering talent."*

- > Testimonial courtesy of Marcio Macedo, Co-Founder and VP of Product, Ava Robotics



## *Differentiators*

- > Our expertise is the deliberate organization of procurement and manufacturing strategies to purposefully **align with specific customer needs** and seamlessly onboard program(s) to our manufacturing facility.
- > We are dedicated to advanced manufacturing and **continuous improvement**, with substantial capital equipment investments to ensure innovative technologies.
- > Our philosophy and deep expertise in **information technology** enable our flexibility via integrated data capture and custom reporting.
- > Our **Culture of Ownership**, with 40% of the corporation owned by employees through an Employee Stock Ownership Program (ESOP) since 2002, sustains our overarching commitment to quality and our customers' success.

## *Robotic Products Built*

- > Unmanned Ground Systems and Robotics
- > Agricultural Robots and Drones
- > Security Robots
- > Back Surgery Robots
- > Dental Surgery Robots
- > Telepresence Robots
- > Drone Imaging Equipment
- > Unmanned Underwater Vehicles



## *Our Proof is in our Customers' Success*

- > **American Robotics** – Autonomous drones for industrial and agricultural applications
- > **Ava Robotics** – Remote tele-presence robots for business and medical applications
- > **Carnegie Robotics** – Advanced machine vision, navigation, computing, and sensing technology for defense and military applications
- > **Libra Industries (GEMCITY)** – Robotics and communications systems for aerospace and defense applications
- > **Teledyne** – Robotics for high-risk security and military applications