



# JTE Systems

Agile Research & Development and Product Realization for Aerospace and Defense

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<https://jtesys.com>



US Owned Alabama Limited Liability Company. Formed in 2022 in Madison, AL.

Currently in a startup phase, we are primarily seeking non-dilutive investment through research. However, we recognize the value of using investment capital for rapid growth.

Light, Lean engineering and integration enterprise: ready to serve as the mission requires.

## Core Competencies

JTE Systems applies a Light Prime model to rapidly develop systems that reflect the customer's operational needs. By assembling modular teams of small businesses and technical specialists, we deliver agile, open-architecture solutions that enable interchangeability, scalability, and performance-driven adaptation. Our approach minimizes lifecycle costs while maximizing mission value.

- **Systems Engineering** for defense, aerospace, and nuclear applications
- **Open Systems Architecture** enabling modularity and technology refresh
- Experience in **SBIR, OTA, & CSO Solution Architecture** and proposal development
- **Advanced Prototyping & Integration** of emerging technologies
- **Decision Theory & System Optimization** for acquisition and operational planning
- **Stakeholder-Informed Design** through engagement and end-user experience
- **Lifecycle Engineering** bridging the "Valley of Death" from concept to fielded capability
- **Agile teaming** with vetted small businesses for tailored, high-performance solutions

## Differentiators

- **Light Prime Teaming Model**  
*Build the right team around the problem: customer oriented solutions to contemporary and emerging needs as opposed to building systems to satisfy the business case of the traditional prime contractor*
- **End-user operational insight** across air, land, and space domains  
*Steadfast commitment to the mission and the servicemembers in harm's way*
- **Valley of Death: Rapid transition** from R&D to fielded solutions  
*Applying Systems Engineering, Modular Systems, and Digital Engineering from a lifecycle perspective to develop the right system from concept to retirement*
- **US Military Veteran Team-Experienced, Informed Engineer-Stakeholders**  
*We lived and served in the places our customers now operate. We understand what military systems do, both well and poorly. We aim to do them better—while engaging with the customer to understand emerging threats and capability gaps.*



## Team Experience

### Engineering

- US Army: Lightweight Lifting Technology (SBIR)
- NASA: Hard Upper Torso (HUT) (SBIR)
- Missile Defense Agency: Software Development, Flight Test, Verification and Validation
- Space Systems Integration/Test
- Hypersonic Mission and Systems Development
- Nuclear Energy

### Military

- US Army: Explosive Ordnance Disposal (EOD) Team Leader
- US Air Force: Air Force Special Operations Command Logistical Enabler
- US Army: Infantry (Mortarman)
- US Air Force/Space Force: Space Operations Officer

CAGE: 9NDU1  
UEI: X7BDGV2QEB56  
Primary NAICS: 541715

Service-Disabled Veteran-Owned Small Business (SDVOSB)

Credit Cards Accepted