

# Capability Statement

**MZI Aviation Engineering**

*From ideas to reality!*



**DUNS Number:** 080839337

**Cage Code:** 7XTC8

**EIN:** 82-2553945

**NAICS Codes:**

541330

541512

541519

541611

541990

561621

541690

488190

541618

541715

**SAM Registration:** Active

**Accepting Credit Cards:** Yes

**Business Size:** Small

**Contract Detail:**

Federal Aviation Administration  
(FAA)

SE-2025 (Sub to Aurora Innovations)

**Certifications:**

Certified Systems Engineering  
Professional (CSEP)

Certified Project Management  
Professional (PMP)

**Contact:**

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## COMPANY OVERVIEW

With over 15 years of federal experience, as a small business, MZI leads the engineering process to **bring ideas and concepts to operation** by empowering federal agencies to evaluate legacy systems, improve safety and efficiencies, implement best practices, and deploy mission critical solutions. By architecting advanced systems, verifying design results, implementing prototypes, and validating investments, we provide reliable results that prepare your organization for its current duties and the unforeseen challenges of the future.

## Core Competencies

- Enterprise Architecture & Emerging Technologies
- Software Life-Cycle Management
- Systems Engineering and Life-Cycle Management
- Project & Program Management
- Business & Systems Modeling

## DIFFERENTIATORS

- 100% success rate of bringing systems engineering solutions from ideas to operation
- 100% Personnel with Certified Systems Engineering Professional (CSEP) by the International Council of Systems Engineering (INCOSE) & Project Management Professional (PMP) by Project Management Institute (PMI)
- Agency-wide recognition by the Federal Aviation Administration (FAA) AJI-2 Technical & Training sub-agency Executive Abby Smith, for on-time, on-budget, and on-performance solutions
- Higher commitment to professional development of human capital through on-going training, reskilling and investment

## PAST PERFORMANCE

**Federal Aviation Administration (FAA) – SE-2025** (Subcontractor to Aurora Innovations) | April 2018 to present | \$660,000 | Tower Simulation System (TSS) | With our focus on mission and proven systems engineering solutions, we helped the government successfully deploy **59** Air Traffic Control (ATC) training systems at **42** locations across the U.S. and improved ATC training by **10%** and improved the training accessibility rate by **75%** making the national airspace safer, more efficient, and more well-equipped. Currently, over **1,000** users utilize the system with over **60,000** hours annually | Areas of performance: data analytics such as Artificial Intelligence (AI) for adaptive learning and Natural Language Processing (NLP), Agile software development, requirements management, business case & investment analysis, logistics planning, operations, maintenance, acquisition, vendor management, integrated verification & validation, EVM, factory & site testing | Contact: Roberta Massiah, CEO, [rmassiah@aurora-innovations.com](mailto:rmassiah@aurora-innovations.com) | (703) 868-6819

**Federal Aviation Administration (FAA)** (Employee of Metron Aviation) | July 2010 to February 2015 | Terminal Flight Data Manager (TFDM) | Enterprise Architecture, system design, life-cycle system development, trade studies, systems modeling, stakeholder management, requirements analysis | Contact: Robert Hoffman, Vice President of Advanced Research and Engineering, [robert.hoffman@metronaviation.com](mailto:robert.hoffman@metronaviation.com) | (703) 338-3779