



OUR SERVICES

- Development of embedded software for mission critical systems (aerospace, medical, automotive, and manufacturing systems)
- Customized simulation development for aerospace, manufacturing, medical, and automotive industries
- Avionics and flight controls software development (embedded and model-based)
- Simulation and test bench development
- Assistance with Full Flight Simulator approval (FAA, EASA, ...)
- Development/analysis of Flight simulator Qualification Test Guide (QTG)
- Design documents development, proofreading and technical validation of software architecture documents.
- Flight simulator aerodynamic analysis and testing
- Design of validation and verification documentation
- Design and execution of testing campaign (low level, high level, system level, etc.)
- Software/hardware integration, testing and validation
- Project management, technical work planning, management, and task distribution
- Supporting acceptance activities with government authorities (FAA, EASA, CAAC, etc.)
- Development of localization, navigation, and filtering algorithms
- Flight data analysis and prediction
- Autonomous and Multi Agent System (MAS) design and analysis
- Digital twins
- Predictive modeling and reposting
- Ground handling development, testing and analysis.
- Development of Auto Test software
- Control loading system software development and hardware upgrade
- Development of Acceptance Test Manual (ATM)
- Instructor's Operating Station (IOS) development
- Product life cycle management
- Earned value management.



DIFFERENTIATORS

- Diverse aerospace industry experience
- Regulatory compliance expertise
- Customized simulation development
- Advanced algorithm development Flight
- Data analysis and prediction
- Autonomous system design and analysis
- Comprehensive testing services
- Project management expertise



COMPANY SNAPSHOT

Business Name: Reliable & Excellent Services, LLC
DBA: R.E.S. Aerospace
Business Address: 6009 E. 12th St. South Tulsa OK 74137
Cage Code: 9FWD2
UEI: K8RHQ9AC1P51
Point of Contact: Nader Olomi
Phone: 918.845.3577
Email: Info@resaerospace.com
Web: www.resaerospace.com



NAICS CODE

- **513210**-Software Publishers
- **541330**-Engineering Services
- **561320**-Temporary Help Services
- **541511**-Custom Computer Programming Services
- **541519**-Other Computer Related Services
- **541715**-Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
- **611512**-Flight Training