

ENGINEERING THE FUTURE OF RADAR AND MISSILE DEFENSE

ABOUT AMS

Aviation & Missile Solutions (AMS) is an employee-owned small business focused on air and missile defense technologies, command and control, uncrewed systems, radar systems, surface-to-air missile seekers, modeling and simulation and prototype hardware development and testing. The company of more than 270 employees is headquartered in Huntsville, AL.

CONTRACTS

- OASIS +
- EXPRESS Technical
- EWAAC
- Other Transactional Authority Consortiums
 - DOTC
 - AMTC

OUR CAPABILITIES



Engineering Services

- Command and control
- Missile seekers and sensors
- RF datalinks
- Radar integration
- Computer vision and photogrammetry
- LIDAR processing and algorithms



Modeling & Simulation

- Radar analysis, algorithms and modeling
- Threat modeling and simulation
- Physics based sensor modeling, electro-optical, infrared and LIDAR domains



Test & Evaluation

- Hardware prototyping and testing
- Scientific and technical intelligence analysis
- Hardware-in-the-loop
- Installed system test facility and open range test and evaluation support
- Open standards, review and compliance testing



Air & Missile Defense

- Foreign military sales
- Programmatic and acquisition support
- Hardware in the loop and range testing
- Systems engineering and performance analysis
- Hardware and software product assessments