

S&T Campaign: Sciences for Maneuver

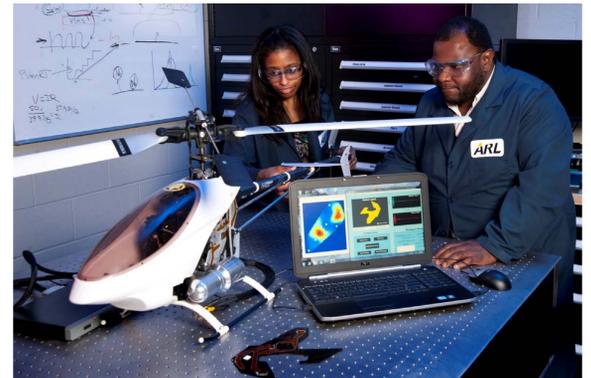
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Sciences for Maneuver Campaign

ARL research focuses on gaining a greater fundamental understanding of advanced mobility systems and supporting architectures critical to future Army movement, maneuverability and sustainment. ARL conducts research in these areas:

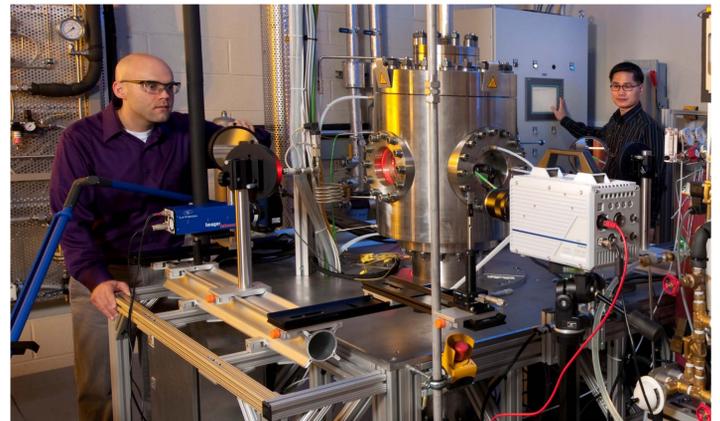
- Energy and Propulsion
- Platform Mechanics
- Platform Intelligence
- Logistics and Sustainability



Facilities

At Adelphi Laboratory Complex, MD

- Catalytic Fuel Conversion Facility
- Power Conditioning Research Facility
- Fuel Reforming Laboratory
- Spray Characterization Facility
- Sensors and Autonomous Systems Experimental Facility



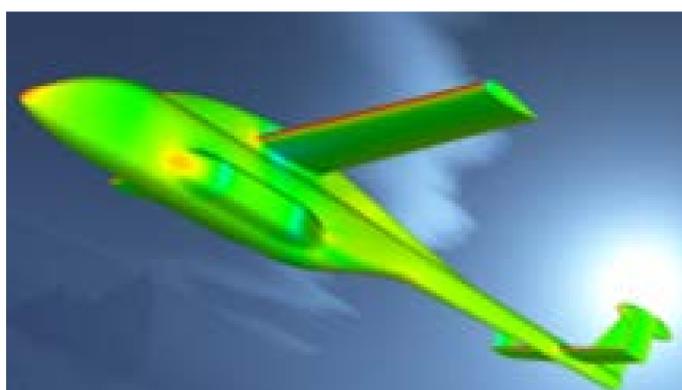
At Aberdeen Proving Ground, MD

- Combustion Research Lab
- Heat Engine Systems Altitude Test Facility
- High-Temperature Propulsion Materials Lab
- Mechanical Components and Tribology Lab
- Microsystems Aeromechanics Wind Tunnel
- Prognostics and Diagnostics Lab
- Universal Drive Train Facility
- Robotics Research Facility
- Spesutie Island Robotics Research Facilities



At NASA Glenn, Cleveland, OH

- Drives Team Facilities
- Single Gear Tooth-Bending Test Facility
- Turbine and Structural Seals Team Facility



At NASA Langley, Hampton, VA

- Rotorcraft Hover Test Facility
- Transonic Dynamics Tunnel