



# SMDC TECH CENTER

## AEROPHYSICS RESEARCH FACILITY (ARF)

# OPEN HOUSE



**254mm TSLGG**



**133mm TSLGG**



**SINGLE STAGE LGGs**



**ARF COMPOUND**

Visit the ARF Compound during our reopening event to reconnect with the ARF team since transitioning ARF operations from University of Alabama in Huntsville (UAH) to U.S. Army Space and Missile Defense Command's Technical Center (SMDC Tech Center). Learn about the team's recent achievements in bringing key national assets, the large 254 millimeter (mm) Two Stage Light Gas Gun (TSLGG), the second largest TSLGG in the world, and the intermediate 133mm TSLGG on-line under new regulatory approvals, processes, and procedures. Updates include improved facility operations, diagnostic systems improvements, modernized equipment, recent research work, and new capabilities with the Single Stage Light Gas Guns (LGGs).

### Open House Dates:

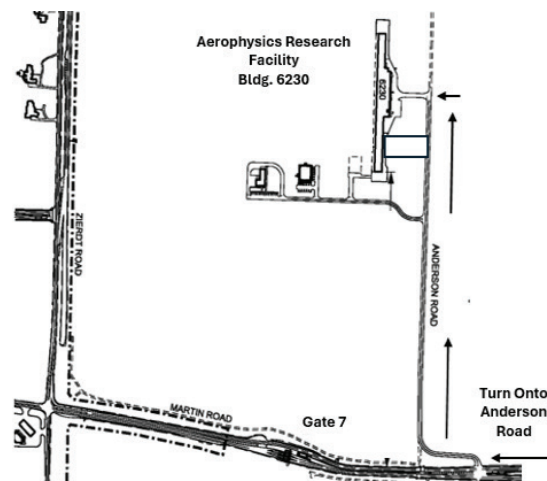
- August 2
- August 8
- August 15

### Houly Tour Times:

- 0930-1030
- 1030-1130
- 1330-1430
- 1430-1530

### Core Facility Research Mission Areas Include

- Hypervelocity/Hypersonic/Subsonic Impact, Penetration Mechanics and Lethality
- Hypervelocity/Hypersonic/Subsonic Aerodynamics
- Technology/Weapon Development in Ballistics Research for Missile Defense/Defeat



**Request RSVP for preferred times to visit the facility.**  
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**Aerophysics Research Facility**  
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