



FUZE DIVISION LABORATORIES

LABORATORY INFORMATION FACT SHEET

CONTACT US:

Technology Transfer Office

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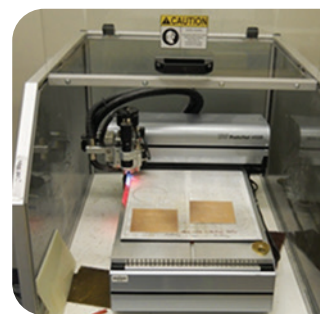
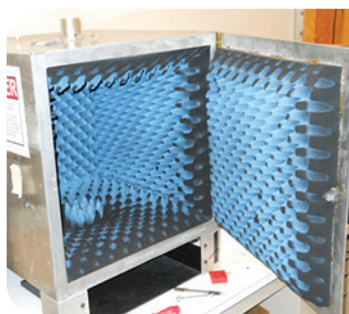
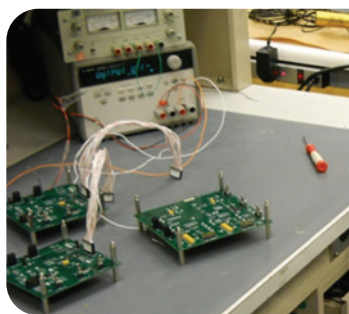


The Fuze Division's laboratories are responsible for the development and life cycle support of Army Fuzes and Fuzing related systems.

TECHNOLOGY/FACILITY DESCRIPTION:

The building features a number of fully equipped electronics laboratories containing all the equipment necessary for the development of electronic and electromechanical fuzes and other fuze related items such as power sources, proximity sensors and fuze setters. The facility also contains a computer lab,

environmental lab, potting/chemical lab, Micro Electro Mechanical (MEMs) lab, machine shop and assembly lab. The engineers who work in this facility support a number of research and development activities in the areas of low cost electronic fuzing, advanced signal processing algorithms, MMIC radar transceivers, RF design, circuit design, fuze testers, ECM evaluation, ultra miniature fuzes, antenna design, MEMs, Safe and Arm (S&A) Devices, rapid prototype fabrication, power sources and fuze setters.



EQUIPMENT AND EXPERTISE AVAILABLE:

- Power supplies
- Waveform generators
- Oscilloscopes
- Impedance analyzers
- Spectrum analyzers
- Anechoic chambers
- RF target simulator
- Centrifuge
- Environmental temperature chambers
- Leak tester
- Circuit board prototyping mill
- High voltage test equipment
- Vacuum potting equipment
- Optical test table
- Impact stand
- Piezoelectric shaker
- High power microscopes
- Soldering equipment
- Drill press
- Lathe
- 4-axis mill
- Band saw
- Low cost electronic fuzing
- Advanced signal processing algorithms
- MMIC radar transceivers
- RF design, circuit design
- Fuze testers
- ECM evaluation
- Ultra miniature fuzes
- Antenna design
- MEMs
- Safe and Arm (S&A) Devices
- Rapid prototype fabrication
- Power sources
- Soldering
- Fuze setters