

Fuzing & Ordnance Systems

M767A1

ELECTRONIC TIME FUZE

L-3 Fuzing & Ordnance Systems is the producer of the U.S. Army's newest Electronic Time (ET) Fuze, the M767A1. This fuze is used on all 105mm and 155mm artillery-delivered High Explosive (HE) projectiles.



The M767A1 ET Fuze is an advanced, highly reliable, precision time and point detonating fuze that can be set manually by the user or automatically by an inductive fuze setter.

The M767A1 ET Fuze is a ballistic match for the M582 Mechanical Time (MT) Fuze. The M767A1 incorporates a booster charge to detonate HE projectiles.

The M767A1 provides unparalleled performance, accuracy and overhead safety for all time fuze and point detonating applications.

The M767A1 is qualified and compatible with all U.S. Army fielded systems (39 caliber and 52 caliber).



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M767A1 FEATURES

Safety

- Dual independent environment locks (spin and setback)
- Out-of-line explosive train prior to function time (overhead safety)
- Power source depletion on post launch terminal failure (render safe circuitry)

Operation

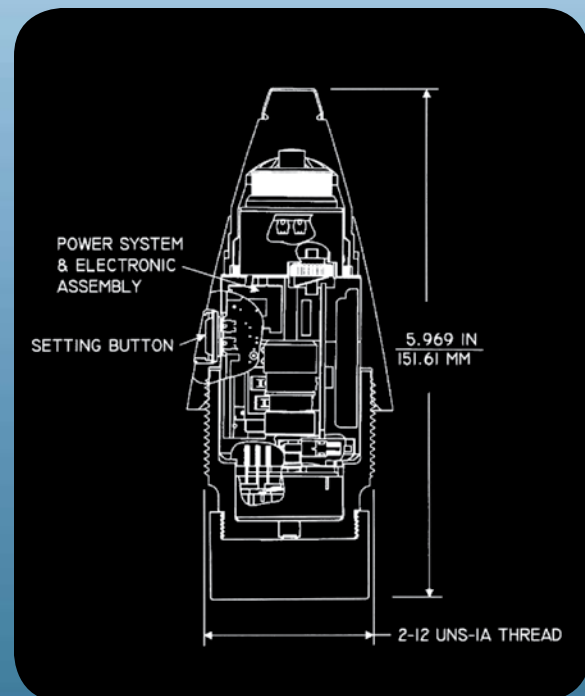
- 0.5 second to 199.9 second post launch function delay time (0.1 second increments)
- Reserve cell power source (activated during setting)
- 30,000 g and 30,000 RPM ballistic environment
- -45°F to 145°F (-42.8°C to 62.8°C)
- MIL-STD-333 compliant projectile interface and contour

Storage

- 20-year shelf life (no maintenance)
- -60°F to 160°F (-51.1°C to 71.1°C)

Setting

- Manually by means of user interface (LCD and momentary switches)
- Automatically by means of STANAG 4369 and AOP 22 compliant fuze setter



L-3 FUZING & ORDNANCE SYSTEMS

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L-3. Headquartered in New York City, L-3 Communications is a prime contractor in aircraft modernization and maintenance, C³ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, subsystems and systems.

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