

ENHANCED LASER GUIDED TRAINING ROUND

THE WARFIGHTER'S ONLY SOURCE FOR LIVE-FIRE TRAINING

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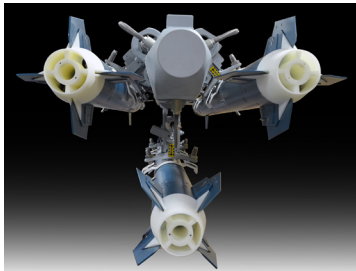




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ENHANCED LASER GUIDED TRAINING ROUND

ELGTR is a cost-effective and prudent training solution for Warfighters—both aircrew and terminal air controllers. ELGTR accurately emulates the employment characteristics of Paveway™ II Laser Guided Bombs (LGBs) and provides live-fire training so aircrews can practice and refine delivery tactics in tactical mission environments while conserving operational weapon assets; and terminal air controllers can more effectively employ end-game lasing techniques.

In 2006, Lockheed Martin enhanced the LGTR to improve performance against challenging airborne-designated tactical target engagements. The resulting enhancements significantly improved CEP and CE90 accuracy, providing the highest fidelity training capability that enable improved aircrew accuracy during error-inducing wind conditions.

With today's range limitations, budget constraints and pervasive waivers for weapons deliveries due to the lack of operational assets, the ELGTR provides aircrews with the ability to improve training frequency through an effective combination of lower unit cost and a smaller range safety footprint when compared with tactical Paveway II LGBs. The system is designed to minimize impact to the range and environment and is landfill-safe after use.

The ELGTR future product development program includes a multiple carriage capability that will ultimately provide improved loadout on a variety of suspension equipment. The multi-carriage ELGTR further improves Paveway II LGB training efficiency and lowers total cost through use of multiple units during a single training sortie. In addition, multi-carriage ELGTR offers dramatically improved training opportunities for Remotely Piloted Aircraft (RPA). With multiple aircrew rotating through one RPA sortie, full weapons delivery options become available using the multi-carriage ELGTR.

BENEFITS

Equivalent employment to Paveway II LGB:

- Mission planning and ground prep
- Release envelope, system accuracy and timing
- Compatible with existing aircraft OFP
- Airborne and ground designation techniques

Key ELGTR features:

- Provides live-drop training at a fraction of the tactical weapon cost
- Lower cost provides increased training frequency and improved aircrew proficiency
- Smaller safety footprint allows LGB training on any range that allows GBU-12 inert employment
- No special equipment, facilities, testing or tools required for handling or transport
- Shorter lead time, customer delivery within 10 months
- Standard practice spotting charge provides feedback at impact

SPECIFICATIONS

| | |
|-------------------|---|
| Platform | F/A-18, F-14, F-16, F-15E, AV-8B, Mirage F1, Mirage 2000, Jaguar and Rafale |
| Weight | 89 lb / 40.4 kg |
| Length | 75 in / 190.5 cm |
| Diameter | 4 in / 10.2 cm |
| Guidance | Semi-active laser |
| Controls | Pneumatically actuated (Nitrogen) |
| Logistics | Maintenance free, all-up round |
| Shelf Life | 3.5 years |

Lockheed Martin Corporation
Missiles and Fire Control
Archbald, Pennsylvania
Business Development
david.allwine@lmco.com
william.demaso@lmco.com
www.lockheedmartin.com/mfc

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