Dual Mode Laser Guided Bomb

Maximum Versatility at a Minimal Cost
DMLGB

MAXIMUM VERSATILITY AT A MINIMAL COST

SPECIFICATIONS

- **Warhead**: MK82 (500-lb) (Future: MK83, MK84)
- **Carriage and Release**: GBU-12F/B (Future: GBU-10, GBU-16)
- **Envelope Target Types**: High priority fixed, relocatable and mobile targets
- **Guidance Methods**: SAL terminal guidance/GPS-aided inertial (all weather)
- **Employment Modes**: Laser only, GPS/INS only, dual mode all-weather (GPS/INS w/laser terminal)
- **Impact Accuracy**: Laser: <4m CEP
- **Aircraft Compatibility**: F/A-18, F-16, F-15, F-117, AV-8B and other domestic and international platforms
- **Fire Control Interface**: Uses existing LGB weapon interface
- **Mission Planning**: Uses similar LGB planning methods and tools
- **Weapons Logistics**: Maximizes compatibility with LGB logistics. Exceptions: TTU-373/MRTS replaced by CMBRE/ADU-892; BIT added.

BENEFITS

- Combination of Semi-Active Laser (SAL) seeker technology with GPS/INS navigation is affordable and improves the accuracy and mission capabilities in existing weapons configuration
- Both technologies are mature, affordable and combat-proven
- The LGB airframe incorporates both computer control group and air foil group for 500-lb, 1,000-lb and 2,000-lb warheads
- Minimal impact to aircraft stores management system, logistics and test equipment that reduces qualification and fielding time costs
- Combines Lockheed Martin’s combat-proven LGB laser terminal guidance with GPS/INS
- Utilizes MIL-STD-1760 interface to aircraft
- Incorporates anti-jam technology
- Provides increased accuracy with reduced collateral damage and number of sorties to accomplish mission requirements