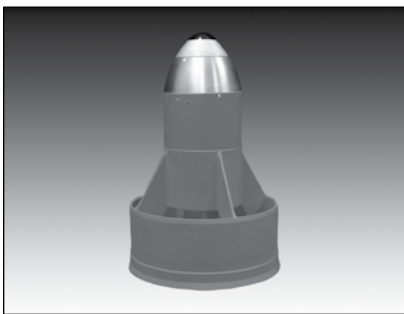
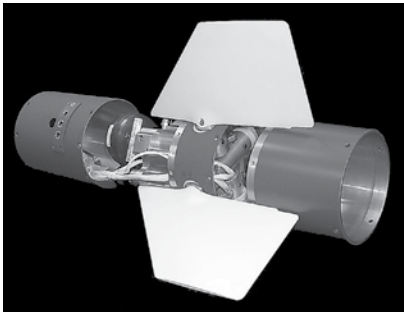
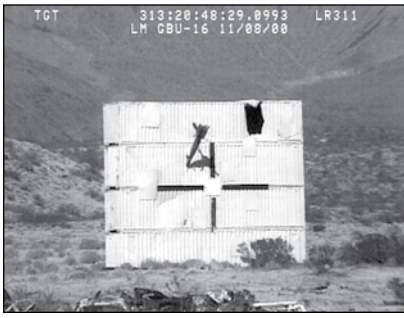


LOCKHEED MARTIN 
We never forget who we're working for™

Paveway II Laser-Guided Bomb
Cost Effective . . . Proven . . . Right on Target





Paveway II Laser-Guided Bomb (LGB)

Test photography shows results

LGB is

- Interchangeable
- Interoperable
- Affordable

Cold Gas Pneumatics

- Eliminates reliability issues due to orifice clogging
- Eliminates safety hazards associated with "hot gas"

Single Computer Control Assembly Digital Guidance Design

- Increased reliability
- Lower cost
- Eliminates / minimizes near-term obsolescence
- Architecture design supports easy incorporation of capability enhancement or simplified unit testing

Glass Lens in Aluminum Detector Housing

- Avoids pitting encountered with plastic lenses
- Avoids moisture intrusion / clouding that can occur with composite detector housing

- Low-cost design
- Form, fit, function equivalent to inventory GBU-10, -12 and -16
- Flight tested / cleared on all aircraft currently qualified to carry Paveway II kits
- Provides competitive source for LGB
- No change to aircraft software, ballistic tables or operational tactics
- No change to LGB integrated logistic support
- Precision strike leads to one bomb, one target
 - Fewer sorties
 - Increased survivability
 - Decreased attrition
 - Lower costs
 - Lower risk of collateral damage

Specifications

| | GBU-10 | GBU-12 | GBU-16 |
|-------------------|---------------------------------|---------------------------------|---------------------------------|
| Weight | 2080 | 600 | 1090 |
| Length | 170 in | 131 in | 145 in |
| Diameter | 18 in | 10.75 in | 14.2 in |
| Guidance | Semi-active Laser | Semi-active Laser | Semi-active Laser |
| Controls | Pneumatically Actuated | Pneumatically Actuated | Pneumatically Actuated |
| Logistics | No change to current Paveway II | No change to current Paveway II | No change to current Paveway II |
| Shelf Life | 10 years | 10 years | 10 years |

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