SCALPEL®

When Warfighters Need Low-Collateral Damage Precision
**SCALPEL®**

**LOW-COLLATERAL DAMAGE PRECISION**

Scalpel offers a precise, small weapon system with low collateral damage particularly in urban close air support (CAS) environments. Scalpel is a spiral development program leveraging the qualified and aircraft-certified Enhanced Laser Guided Training Round (ELGTR) technology. With its ELGTR infrastructure already in place, Scalpel offers minimal aircraft integration costs, minimal development effort, low technical and schedule risk, and affordable unit cost.

Scalpel can be fitted on F-16, F/A-18, AV-8B aircraft and other domestic and international platforms. Combined with the Lockheed Martin Sniper® targeting pod or other FLIR systems, Scalpel offers a high-value, low-risk solution for special operations and CAS.

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Targeted Platform</td>
<td>F-16, F/A-18, AV-8B, Mirage F1, Mirage 2000, Jaguar</td>
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<tr>
<td>Weight</td>
<td>100 lb / 45 kg</td>
</tr>
<tr>
<td>Length</td>
<td>75 in / 190 cm</td>
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<tr>
<td>Diameter</td>
<td>4 in / 10 cm</td>
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<tr>
<td>Guidance</td>
<td>Linear Semi-Active Laser (SAL) seeker</td>
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<tr>
<td>Load Options</td>
<td>Kinetic or blast-frag</td>
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<tr>
<td>Controls</td>
<td>Proportional electromechanical Control Actuation System</td>
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</tbody>
</table>

**MISSION PREPARATION**

- Two storage and handling options
- Aircraft upload
- Same as Paveway™ II LGB
- Load GBU-12 in weapon computer
- Deliver automated or manually

**BENEFITS**

- No additional Warfighter training
- Uses existing laser guided bomb target designation and delivery operations
- Proven technology
- Mature and efficient manufacturing process
- Increased accuracy [within 2 meters]
- Affordable unit cost
- Provides moving target capabilities