5-inch Long Range Land Attack Projectile (LRLAP)

Guided Projectile for the U.S. Navy

5-inch U.S. Navy Guided Projectile

LOCKHEED MARTIN
We never forget who we’re working for®
5-inch Navy Guided Projectile

Lockheed Martin’s 5-inch Navy Guided Projectile (NGP) will enable the United States Navy and other coalition naval forces to counter the growing threat from Fast Attack Craft (FAC) and Fast Inshore Attack Craft (FIAC). It also offers all-weather, 24/7, long-range, offshore fire support for US Army, US Marine Corps and Coalition Forces conducting operations ashore. The NGP will fire from currently fielded 5-inch 54/62 caliber naval gun systems on the DDG 51 Arleigh Burke Class Destroyers and the CG 47 Ticonderoga Class Cruisers.

The NGP will be a non-rocket assisted, fire-and-forget, guided projectile with folding wings, capable of precision attack at greater than 65 nautical miles range during day, night, and all weather operations. It will employ a multi-mode sensor along with a Global Positioning System (GPS) antenna to locate and engage stationary or high-speed and highly maneuverable targets.

The fire-and-forget technologies and performance capabilities we incorporate in the NGP to counter the FAC/FIAC threat also enable the NGP to perform the counter unmanned aerial system (C-UAS) mission, fill the naval surface fire support (NSFS) warfighting gap, and augment/complement current fielded anti-surface warfare (ASuW) weapons for both the Navy’s Arleigh Burke class (DDG 51) destroyers and Ticonderoga class (CG 47) cruisers.

Lockheed Martin’s 5-inch Navy Guided Projectile is the ideal weapon to support the newly evolved Anti-Access and Area Denial (A2/AD) warfighting strategy. It is form, fit, function compatible with all DDG 51 and CG 47 Mk-45 gun systems and provides high volume, precision, long range fire support against both maritime and land targets.

Features
• Improved precision and lethality against current threats
• Increased operational flexibility and effective against emerging threats:
  – Anti-access/area denial, counter FAC/FIAC, counter UAS, NSFS
  – Increased standoff range and lethality
  – High probability of single shot kill against stationary and maneuvering targets
  – Fire-and-forget, precision targeting, day, night, and adverse weather mission capable
• Designed for single man lift and ease of integration and interface into DDG 51 and CG 47 Mk-45 gun systems

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Range</td>
<td>&gt;65 nautical miles/120 km</td>
</tr>
<tr>
<td>Length</td>
<td>54 in/137 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>&lt;80 lb/36 kg</td>
</tr>
<tr>
<td>Diameter</td>
<td>5 in/127 mm</td>
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The Navy 5-inch Guided Projectile will counter the threat from Fast Attack Craft (FAC) and Fast Inshore Attack Craft (FIAC) while also providing all-weather fire support for troops ashore.