

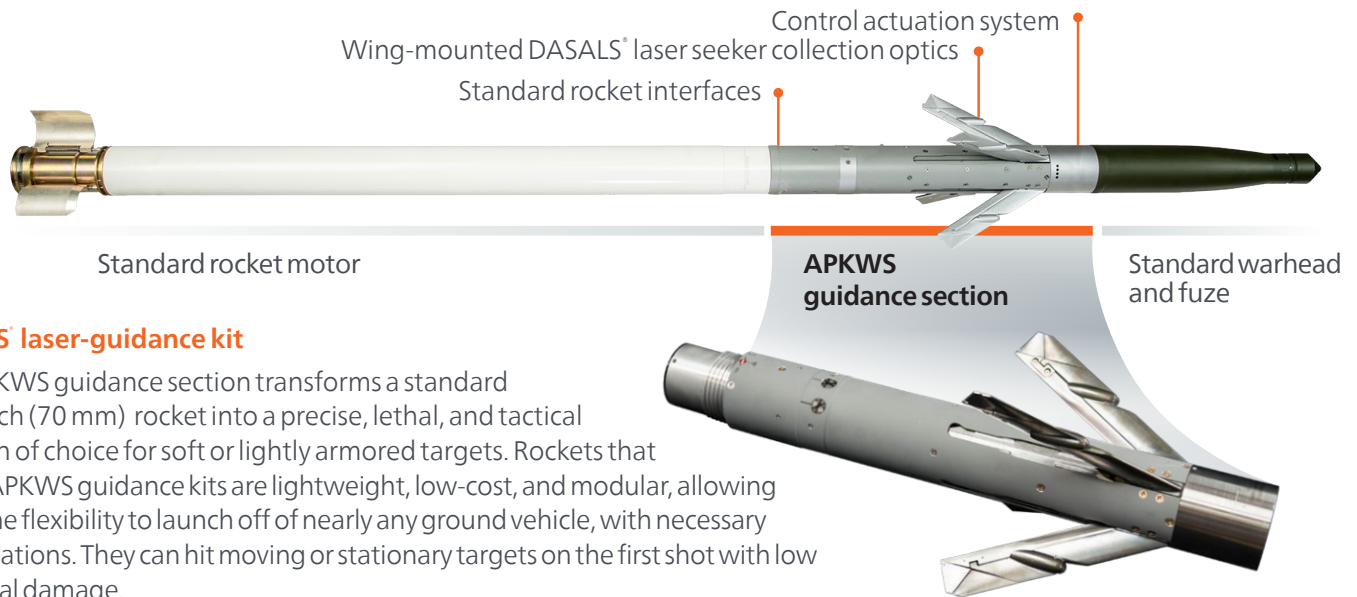
BAE SYSTEMS

Precision, long-range lethality
from ground platforms

APKWS[®] laser-guidance kit

baesystems.com/apkws





APKWS[®] laser-guidance kit

The APKWS guidance section transforms a standard 2.75-inch (70 mm) rocket into a precise, lethal, and tactical weapon of choice for soft or lightly armored targets. Rockets that utilize APKWS guidance kits are lightweight, low-cost, and modular, allowing them the flexibility to launch off of nearly any ground vehicle, with necessary modifications. They can hit moving or stationary targets on the first shot with low collateral damage.

Changing ground-based lethality with long-range precision

High reliability and accuracy

The APKWS laser-guidance kit is the U.S. Government's only program of record for a 2.75-inch (70mm) laser-guided rocket. It is ultra-precise and is the most reliable weapon in its class – achieving over a 93 percent hit rate when fired from U.S. Navy and Marine Corps rotary- and fixed-wing platforms in combat. Ground-launch capabilities provide terrestrial warfighters with a precision strike capability with greater range and more lethality than small arms fire – to engage targets independently without close air support. Its accuracy is achieved by DASALS seeker optics that deploy after the rocket is fired. This enables the rocket to see the entire field of regard, and lock onto laser-designated targets.

Cost effective

The APKWS guidance kit is a fraction of the price of alternative ground-launched precision munitions. While some modifications are required for ground-based systems, no major platform modifications are needed for fixed-wing and rotary-wing aircraft, and only minimal training is required. We are currently qualifying on ground-based systems and our guidance kit is available today to U.S. allies via the Foreign Military Sales process.



An APKWS laser-guidance system is utilized during a ground-based containerized weapon test fire.

Ground launch specifications*

Specification	Threshold
Minimum range	0.9 mi (1.5 km)
Maximum range	3.7 mi (6 km)
Probability of hit per single shot	80% within 2.1 yd (2 m) of center of laser spot
Weight	35 lbs (15.8 kg)
Length (all-up round)	75 in (1905 mm)
Diameter (all-up round)	2.75 in (70 mm)

For more information contact:

BAE Systems

P. O. Box 868
Nashua, New Hampshire 03061-0868
W: baesystems.com/APKWS

Cleared for open publication on 10/22
ES-NHQ-072122-0383

Disclaimer and copyright

This document gives only a general description of the product(s) and service(s) and, except where expressly provided otherwise, shall not form any part of any contract. From time to time, changes may be made in the products or the conditions of supply.

BAE SYSTEMS is a registered trademark of BAE Systems plc.
© BAE Systems
18-A02-01