



Joint Direct Attack Munition  
(JDAM)



**COMBAT-PROVEN**

Warfighter's Weapon of Choice



## Joint Direct Attack Muniton (JDAM)

# JDAM is a low-cost guidance kit that converts existing free-fall bombs into accurately guided smart weapons.

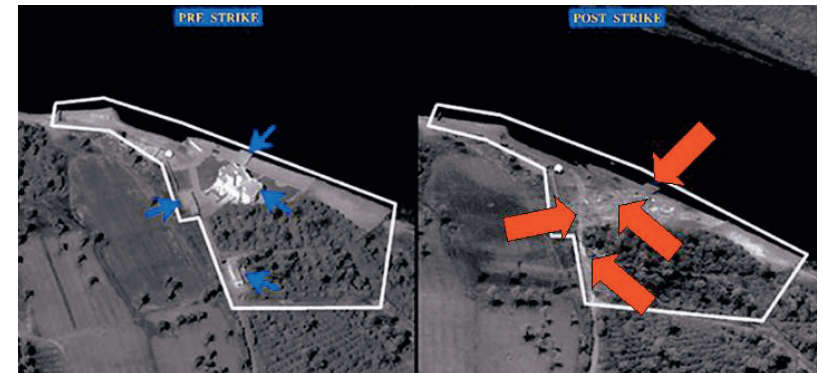
By adding a new tail section containing Inertial Navigation System/Global Positioning System guidance to the MK-82, BLU-111, and BLU-126 (500-lb/225 kg); MK-83 and BLU-110 (1,000-lb/450kg); and MK-84, BLU-109, and BLU-117 (2,000-lb/900kg) bombs, the cost-effective JDAM provides the warfighter accurate weapon delivery against a vast array of targets in any weather. JDAM is a highly reliable system that can be dropped from an extremely flexible release envelope over 15 miles from a target.

Integrated on nearly every U.S. Air Force, U.S. Navy, and U.S. Marine Corps combat aircraft, including F-35, JDAM has achieved an unparalleled record of success in testing and combat. JDAM has recorded greater than 95 percent system reliability during testing and has achieved less than 1.7 meter Circular Error Probable (CEP) accuracy against a 3.3 meter CEP accuracy requirement. JDAM has demonstrated improved effectiveness through its ability to prosecute

vertically and horizontally developed targets from any desired attack axis under all-weather conditions and under GPS-denied environments.

JDAM has been in production since May 1998 in a world-class, high-rate facility. Every production kit has been delivered on time and on cost, even during production surges for combat operations. Licenses for export of JDAM have been approved, and significant sales have occurred in the international market.

The current baseline JDAM system provides a logical springboard to spirally develop future improvements. Technical improvement within the JDAM family of weapons includes improved processing, improved GPS accuracy technology, and anti-jam GPS antenna incorporation. Near-term growth opportunities include the addition of low-cost laser seeker guidance, additional warheads, programmable data link, extended-range wing kit, and infrared and radar sensors. JDAM integration is in work on the MQ-9 (Reaper) and international combat aircraft.



JDAM effectiveness demonstrated in Operation Iraqi Freedom

## The Combat Proven JDAM provides the warfighter:

- Near-Precision weapon delivery
- Unmatched mission reliability
- Low-cost conversion guidance kit
- Reliable cockpit selectable weapons effect
- All-weather, day or night employment
- Simplified aircraft integration
- Multiple targets per pass
- Cockpit selectable targeting
- Launch and leave capability
- Simple logistics concept

