

**NORTHROP  
GRUMMAN**

**LOCKHEED MARTIN**



# LONGBOW® FCR

Precision Engagement Capability For Mission Success

# LONGBOW® FCR



## PRECISION ENGAGEMENT

- LONGBOW FCR was developed by the LONGBOW Limited Liability Company, a joint venture of Lockheed Martin and Northrop Grumman
- The combat-proven AN/APG-78 LONGBOW FCR provides Apache aircrews with automatic target detection, location, classification and prioritization, while enabling rapid, multi-target engagement in all weather conditions, over varying types of terrain and through battlefield obscurants
- LONGBOW FCR is fully integrated into the Apache data management system with Modernized Radar Frequency Interferometer (M-RFI), Modernized Target Acquisition Designation Sight and Pilot Night Vision Sensor (M-TADS/PNVIS), and AGM-179 Joint Air-to-Ground Missiles (JAGM)
- Enhancing survivability, reducing pilot workload and increasing stand-off range for the AH-64E aircrews, FCR Version 6 software is a major update to LONGBOW's capabilities that provides significant situational awareness, maritime targeting mode (MTM) and improved targeting capabilities to the warfighter.

## VERSION 6 CAPABILITIES

RANGE: 16km

FREQUENCY: Ka band

MODES: Surveillance, targeting, RFI cued, terrain profiling, air overwatch, maritime targeting, air targeting, ground targeting

WEATHER: Clear to adverse

ENVIRONMENTS: All battlefield obscurants



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