EA-6B Prowler
The ability to identify and selectively target enemy combatant electronic transmissions allows the Northrop Grumman EA-6B Prowler to monitor and jam signals to defeat the enemy.

The EA-6B Prowler’s primary mission is to suppress enemy air and ground defenses in support of strike aircraft and ground troops by interrupting enemy electronic activity and obtaining tactical electronic intelligence within the combat area. The Prowler can also severely disrupt an enemy’s ability to communicate.

The twin-engine, mid-wing EA-6B Prowler is a long-range, all-weather aircraft with advanced electronic countermeasures capability. The Prowler features dual side-by-side cockpits with a four person crew of a pilot and three electronic systems officers.

ICAP III: State-of-the-Art AEA

Northrop Grumman’s Improved Capability (ICAP) III selective-reactive jamming capability is America’s premier Airborne Electronic Attack (AEA) weapon. Versions of this selective reactive system are on U.S. Marine EA-6B Prowler aircraft and the U.S. Navy EA-18G Growler.

Performing the art and science of AEA requires one of the most complex electronic systems in the military. A sophisticated receiving system must be tightly integrated with the attack system and connectivity elements, all being controlled by a mission system application that is unlike any other. Northrop Grumman’s Advanced Electronic Attack systems are supporting operations in Iraq, Afghanistan, Libya, and around the globe in the EA-6B Prowler and EA-18G Growler.

The EA-6B provides full-spectrum electronic attack to counter the enemy’s air defenses or attack their communication networks as the mission requires. It represents a significantly reduced risk approach over other unproven platforms and systems. Already in the heat of battle, it is combat proven and tested. ICAP III supports a joint environment and is network enabled and linked.

Weapon system speed and accuracy significantly improves response effectiveness with rapid and precise emitter identification and location. Through its Multifunctional Information Distribution System (MIDS), Prowler shares data and coordinates responses via Link-16.

For more information, please contact:

Northrop Grumman Aerospace Systems
Military Aircraft Systems
Dennis Hayden
703.280.4428 • dennis.hayden@ngc.com