

Airborne Maritime Patrol Systems



The P-8A Poseidon is a true multi-mission platform. On board P-8A, all sensors contribute to a single fused tactical situation display, which is then shared over both military standard and internet protocol data links, allowing for seamless delivery of information amongst U.S. and coalition forces. As an armed platform, P-8A independently closes the kill chain, while simultaneously providing data to everyone on the network.

Airborne Maritime Patrol Systems

Electronic Support Measures (ESM)

- Northrop Grumman's state of the art Electronic Support Measures (ESM) system is currently part of the U.S. Navy P-8A program.
- Key Features:
 - High probability of detection in dense threat environments using wideband channelized digital receivers and multi-processors
 - RF situational awareness over wide operating RF frequency range
 - Precision 360 degree direction finding (DF) using phase interferometers
 - Rapid geo-location
 - Detection to radar horizon
 - Self calibrating



Electronic Warfare Self-Protection (EWSP)

- Northrop Grumman's state of the art Early Warning Self Protection (EWSP) system is currently part of the U.S. Navy P-8A program.
- Fully integrated, modular aircraft protection system
- Scalable for any size aircraft
- Key Features:
 - Omni-directional countermeasure system provides protection against ground-to-air heat seeking missiles
 - Manual and automatic control for operational flexibility
 - Software driven menus for ease of use
 - Includes: IR countermeasures, missile warning system, cockpit control and threat display, chaff and flare dispense and control
 - Radar Warning Receiver



For more information, please contact:

Northrop Grumman Corporation
 Surveillance Systems
 Director of Business Development
 MS 805
 7323 Aviation Blvd
 Baltimore, MD 21240
 Phone: (410) 765-4396
 e-mail: surveillance@ngc.com
 website: www.northropgrumman.com