



AeroShield

All-in-One AMPS DIRCM Pod

AeroShield is BIRD Aerosystems' anti-missile defense Pod for wide & narrow body aircraft including the A320, B737, B777 and A380. With the growing threat of man portable air defense systems (MANPADS), the AeroShield Pod provides the most comprehensive aircraft protection solution. Incorporating BIRD's AMPS-MVD (DIRCM) system, the most advanced configuration of the AMPS product family, AeroShield ensures the safety of the aircraft and it's crew at all times.

Enhanced Protection

AeroShield incorporates BIRD's SPREOS DIRCM, which integrates multiple functions including threat detection and confirmation, tracking and jamming of advanced IR guided missiles into a single Line Replaceable Unit (LRU). The system provides 360° coverage along with an unprecedented near zero False Alarm Rate (FAR) and maximum warning time, enabling the initiation of optimal jamming techniques. AeroShield is the only Pod solution in the market that supports protection by both a DIRCM system and flares to ensure the highest aircraft survivability.

The Pod fully complies with EASA/FAA civil aviation regulation procedures and is currently under contract for several VIP Head of State wide-body aircraft.

Simple Installation

Smaller and lighter than any other Pod-based solution on the market, the AeroShield's small footprint makes integration with the aircraft less intrusive and far simpler in comparison to similar self-protection suites. AeroShield is composed of two main parts, the Pod and the Pylon. The Pylon is mounted to the underbelly of the aircraft and the Pod is connected to the Pylon in a seamless manner that enables the smooth installation and removal of the system as required with minimal interference to the aircraft itself.



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AeroShield Advantages:

- Optimum wide and narrow body aircraft protection
- Uniquely supports protection by both DIRCM and flares
- Easy installation and configuration - one Pod fits all
- Smaller and lighter than any Pod solution
- Low-footprint design
- Minimal aircraft modification
- Pods are easily transferred between aircraft for optimum fleet management

