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BOZ EC

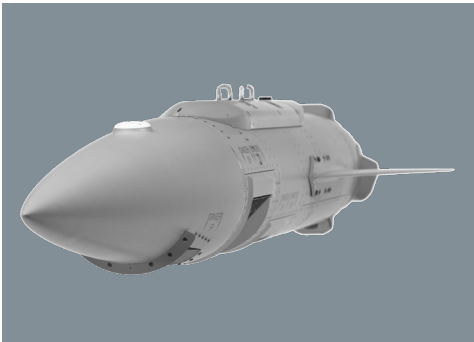
BOZ Enhanced Capability

BOZ EC is a highly effective, combat proven, countermeasures pod for high performance aircraft. BOZ EC has extended pre-emptive and reactive self-protection capabilities through missile warning and flare cocktail dispensing.

This Enhanced Capability is available as an upgrade to the original BOZ pod that is operational on the Tornado Aircraft in all user nations. Using the battle proven BOZ EC pod provides for lean aircraft integration with turnkey autonomous self-protection.



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This is BOZ EC

BOZ-EC implements the Saab CIDAS-100 Compact Integrated Defensive Aids Suite into the BOZ pod. The countermeasures dispensing is characterized by the flare cocktail capability, designed to defeat modern IR-guided threats. The dispensing system also caters for dispensing or chaff and Expendable Active Decoy (EAD).

Flexible and multi-functional

The pod contains five pyrotechnical BOP-L-39 dispensers and four Missile Approach Warning (MAW) sensors in the aft section. The dispensing can be performed forward and downward or sideways in two adjustable directions.

The pod can be mounted on either side of the aircraft while through the adjustable dispensing direction still ensuring safe separation of expendable countermeasures.

The major system functions are:

Defensive aids control function, Missile Approach Warning function, Dispensing function and Aircraft interface function.

The BOZ-EC pod has a Ground Support interface that provides for ground crew Built-In-Test indication, power indication, ground based end-to-end testing, initiated Built-In-Test and an Ethernet based data port.



Key features

Enhanced survivability – Easy and cost-effective integration. Significant increase of air combat survivability.

Platform protection – Missile Approach Warning capability. Forward firing capability.

Proven technologies – The BOZ EC is combat proven. All system components at TRL 9.

Supplementary – BOZ EC supplement existing platform capabilities with a Missile Approach Warning and additional dispensing capability.

EW independence – Fully programmable system and support tools enables sovereign capability. Full suite of ground test and support equipment.

Adaptable – Can be fitted to all Aircraft having 14" NATO-standard lugs.