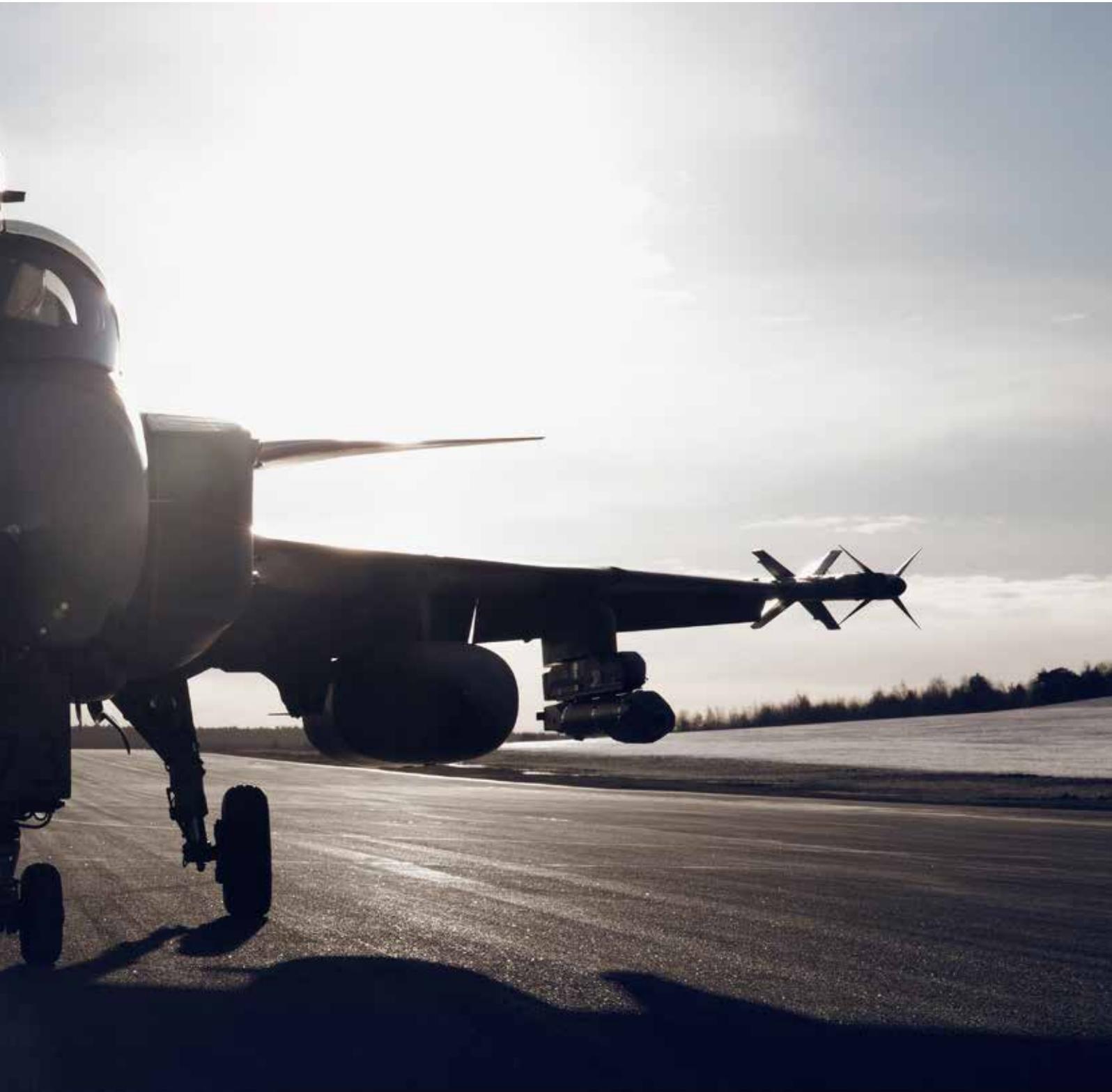


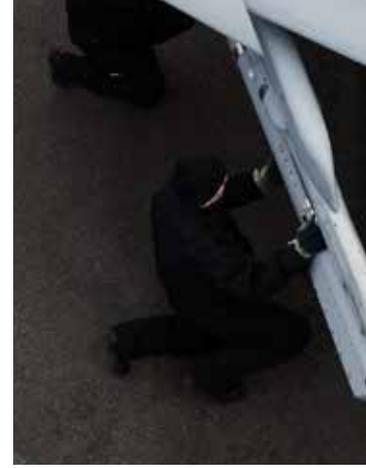


SAAB



UNTOUCHABLE

– INTRODUCING THE ESTL MODULAR SELF-PROTECTION POD



ENHANCED SURVIVABILITY

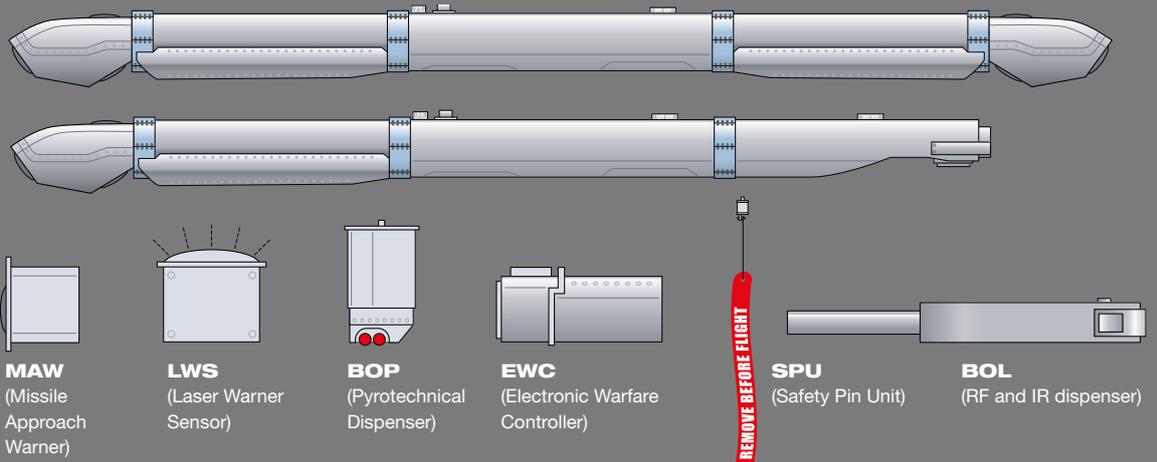
IN COMBAT AND CONFLICT SITUATIONS

ESTL offers efficient self-protection for virtually any type of fixed-wing aircraft on a mission-to-mission basis. The tactical advantage is obvious; compared to other solutions, detection of missiles and MANPADS projectiles is substantially enhanced and launch of appropriate countermeasures is done automatically or manually.

Depending on mission profile, ESTL can be configured for different threat scenarios. ESTL provides covert sustainable pre-emptive dispensing, missile warning, forward firing of flares and cocktail dispensing.



THE BUILDING BLOCKS OF ESTL



The ESTL building blocks can be combined to form a range of different capabilities in order to suit different mission profiles.



ESTL IN BRIEF

- State-of-the-art self-protection against 1st, 2nd and 3rd generation IR-seekers
- Supreme countermeasure capability
- Modular structure makes for mission-specific configuration
- Standardised AIM-9/AIM-120 interface

IT'S A BRAIN GAME

Missiles are becoming increasingly smart but with ESTL you'll maintain the upper hand. Traditional countermeasures may encounter difficulties with the latest generation of AAMs and SAMs, but the ESTL concept includes a module of forward firing flares. This, together with the MAW sensors and an optional chaff capability, makes ESTL a powerful shield against the latest missile developments.

UNCOMPLICATED AND STANDARDISED

A standard, AIM-9 Sidewinder and AIM-120 AMRAAM, interface makes it possible to share ESTL units among the aircraft of an entire fleet. Mass and aerodynamics are on par with the missiles, which substantially simplifies integration and certification.

COUNTERMEASURES

BOP is a lightweight pyrotechnical dispenser. Its forward-firing capability makes for substantially enhanced protection against the latest missile developments.

BOL is a lightweight electromechanical dispenser holding efficient chaff or IR payloads. The high-capacity of the dispensers gives pilots the sustained defensive capability needed to successfully accomplish missions.



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TECHNICAL CHARACTERISTICS

- ESTL can be integrated with MIL-STD-1553 or RS-485 data links to adapt to other displays and control means. To further simplify integration, wireless technology can be used.
- Ground Support Interface provides built-in-test, power indications, ground based end-to-end testing, and data transfer facilities.
- Situational awareness and system status can be presented on displays.
- BOP holds 30 1"x1" or 15 2"x1" standard 8" long payloads. US Navy round form-factor payloads can also be accommodated. Additional features are misfire detection and compensation, intelligent magazine recognition and quick loading.
- BOL holds 160 BOL-chaff or BOL-IR payloads and provides quick loading thanks to its unique built-in, tool-less locking mechanism.
- BOP and BOL are fully integrated with the EWC functionality