BASTION TECH



Wild BAT

C-UAS INTERCEPTOR

High-speed

air target

interceptor

+ **Up to 270 km/h and up to 40 minutes airborne, defeat without the need for a direct hit**

SPEED

ALTITUDE

GUIDANCE

+ **Up to 270 km/h - fast arrival at the meeting line**

+ **Defeat on contact or on approach**

+ **Up to 40 minutes airborne - rare for interceptors**

Overview

Wild BAT is a high-speed flying-wing interceptor of air targets, built for engagement rather than surveillance. It launches from its catapult on a signal from detection assets, reaches the meeting line at up to 270 km/h and destroys the target at altitudes up to 4,000 m by detonation on contact or on approach.

The interceptor is built into the site-protection loop. Detection assets provide the target track, the C2 station computes the meeting point and launch window, and Wild BAT flies to the area on inertial and satellite navigation with corrections over the radio link, handing the target to its onboard seeker on the terminal leg. Throughout, the operator sees on the control station what the interceptor sees.

The flying-wing aerodynamics give high manoeuvrability and stability in turbulence, and the control links are resilient to EW. Up to 40 minutes airborne per charge is an endurance few interceptors offer: Wild BAT can stand by in the air and meet the target on approach. If the interceptor was not used, its robust fuselage allows it to be landed: after a battery change it is ready to fly again.

From detection to defeat

1. **Detection**
   Detection assets find the air target and pass its track to the C2 station.
2. **Calculation**
   The C2 station computes the meeting point and launch window - the interceptor launches at the right moment.
3. **Launch**
   Automatic launch from the catapult.
4. **To the meeting line**
   Up to 270 km/h on inertial and satellite navigation with radio-link corrections; the operator sees the flight through the interceptor's eyes.
5. **Acquisition and defeat**
   The seeker acquires the target at 500-1,500 m and guides the interceptor in; detonation on contact or on approach.

+ One loop: detection, calculation, launch and defeat - no change of assets



Functional description

WILD BAT C-UAS INTERCEPTOR

Precise delivery to the target

The external loop delivers the interceptor precisely into the seeker's acquisition cone - where the target will be at the moment of meeting.

- Target designation from detection assets via the C2 station
- Meeting point and launch window computed
- Inertial and satellite navigation
- In-flight trajectory corrections over the radio link

Terminal homing

On the final leg the interceptor homes by itself, and detonation on contact or on approach removes the need for a direct hit.

- Target acquisition at 500-1,500 m
- Onboard day/night camera, 1080p
- Intelligent terminal guidance
- High manoeuvrability of the flying wing

The operator sees everything

Through the interceptor's eyes the operator watches the flight to the area, acquisition and closing on the target.

- Real-time onboard video on the control station
- Control station: case with two displays and a handheld controller
- Control app on mobile devices
- Resilient to EW and turbulence



Airframe and propulsion

Working altitude 4,000 m, ceiling 4,700 m; operates in rain and wind. The flying-wing layout gives high manoeuvrability. The rear pusher propeller leaves the nose free for the camera and seeker. The product is manufactured and delivered without a warhead. The warhead seat is part of the design; the warhead is fitted by the units operating the product.

- Composite and fibreglass, minimal weight
- Electric motor with 12" pusher propeller
- Speed up to 270 km/h, cruise 100-110 km/h
- Robust fuselage: an unused interceptor can be landed and flown again after a battery change

Customers

Ministries of defence	Security services	Critical site protection	Other government agencies

Key advantages

01
Speed

Up to 270 km/h: fast arrival at the meeting line.

02
Up to 40 minutes airborne

Rare for interceptors: airborne standby and meeting the target on approach.

03
No direct hit needed

Detonation on contact or on approach.

04
Operator's eyes

Real-time onboard video, day and night.

05
Resilience

To EW, turbulence, rain and wind.

06
Repeat sorties

An unused interceptor is landed; after a battery change it is back in service.

Delivery set

- Wild BAT interceptor
- Control station: case with two displays and a handheld controller
- Catapult
- Control app on mobile devices

Wild BAT - a fast, agile and precise interceptor: from the detection signal to defeat of the target in one loop.

Contacts

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