Contact info

BUCKLER-10

A sovereign, cost-effective and mass producible supersonic drone interceptor

Developed under industrial co-operation · Validated in Ukraine · A Danish industrial product with a European supply -chain

ZEALAND DEFENCE SYSTEMS

Co-funded by the European Union

Supplements high fidelity air-defence systems

The cost-asymmetry against mass-produced strike drones remains an unsolved problem.

Buckler-10 conserves magazine depth of existing high-fidelity SHORAD-systems and enable a cost-efficient C-UAS effector in the altitude band from 1-9 km.

European and de-centralized mass-production

Utilizing civilian components, European industrial inputs, reduced hazard energetic-materials, and avoiding third-country export control over resupply (ITAR-free) enables fast, sovereign, and de-centralized mass-production capacity.

Under development

First full-scale launch (un-guided, un-armed) expected in December 2026. First drone interception in H2-2027 and mass-production capacity by 2028.

CHARACTERISTICS

Role	C-UAS interceptor vs one-way attack drones
Coverage band	1-9 km altitude
Engagement	10 km range
Speed	Supersonic
Accuracy	CEP < 25 m + proximity fuse
Warhead	Hybrid blast fragmentation - inert until fired
Propulsion	Hybrid rocket propulsion system
Guidance	Proportional navigation & command up-link
Launcher	25 tubes (5 × 5), 20-ft container
Target unit cost	< EUR 50,000 per round
Length / weight	4.5 m / 110 kg

Illustration of performance envelope of a hybrid-propulsion system in action