

SKYSTRIKER BLOCK 4 ENHANCED (SS B4E)



FEATURES

ENDURANCE:
140 MIN MAX

RANGE:
265 KM / 164 MILES

TERMINAL VELOCITY:
260 KNOTS

STRIKE ANGLES:
30° TO 75° SELECTABLE

MOSA:
SWAPPABLE MISSION BAY

UVC:
INTEGRATION FOR LE
GROUP TASKING

SCAN TO LEARN MORE



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LENGTH 91 IN
MAX WEIGHT 110 LBS

OPERATIONAL AND PERFORMANCE CAPABILITIES:

Autonomous behaviors:

- Aided Target Recognition (ATR)
- Terminal guidance of fixed or moving targets (up to 50 mph)
- Heterogeneous Multi-Platform Mission Planning
- Multi-ship Autonomous Execution
- Passive RF detection / geolocation

Autonomous operation in comms denied/degraded environments

Navigation in GPS denied environments based on 150 operational sorties of the Block 3 without GPS from launch to terminal strike

SkyStriker Block 3 completed FCT at Dugway, Utah - April 2021

Teaming: Elbit America, SiLVUS, Systima and Parry Labs for digital engineering environments and UVC integration utilizing Stratia and StratFac.



PROPOSED TECHNICAL APPROACH: SKYSTRIKER BLOCK 4E

SkyStriker Block 4 "Enhanced" (SS B4E) is based on the in-production and combat proven SS Block 3 and incorporates folding wing and control surfaces for ground and air launch from canisters with the MEL

Designed with MOSA for modular payload options 17.6 lbs or 6.6 lbs warheads

MicroSPEAR Passive DILR, Decoy and EW, EA, ES, EO/IR DILR



SkyStriker Block 4E Features

- Builds upon the SS B3, a combat proven LE
- Range of 190KM while carrying 17.6 lb warhead
- Range of 200KM with EW payload and recovery kit
- Canister ground and air launch capabilities
- Designed using MOSA principles
- Fully autonomous mission execution
- Designed for high rate manufacturing
- Fully compliant to LE-MR requirements in just 3 Option Years

AUTONOMY BEHAVIORS

Optimal search of an AOI based available platforms and sensors	Orbiting AOI or targets
Maintain / re-establishing communications is degraded environments	Nomination of targets
Engagement/terminal guidance of fixed or moving targets	Blue force collision avoidance
Target handoff between heterogenous assets	Re-routing to avoid "keep out" zones
Real-time utilization of multi-int / third-party cues for target interrogation	Battle Damage Assessment (BDA)

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REV. 0.2

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