

TRIDENT
AEROSPACE

BE-45

TACTICAL UNMANNED AERIAL SYSTEM



120 km LOS
LINK RANGE

10 kg
PAYLOAD

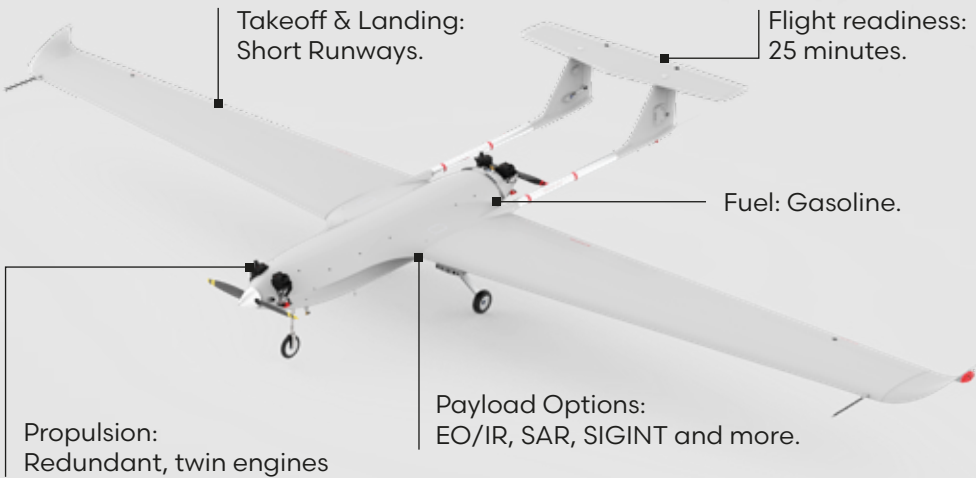
12 hrs
MAX ENDURANCE

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BE-45

BE-45 is a tactical unmanned aerial system (TUAS), with redundant twin engines, designed to provide persistent day and night ISR capabilities in the world's most challenging environments.

The system is a multi-mission platform that can be equipped with cutting edge payloads, like: next generation EO/IR sensors, synthetic aperture radars, IMSI catchers, and radio repeaters to name a few. Designed to operate in places with little to no available infrastructure.



SENSORS:
EO/IR sensors, synthetic aperture radars (SAR), IMSI catchers, and more.



MAX ENDURANCE	12 hours
LINK RANGE	120 km LOS
SECURITY	AES 256
MAX SPEED	80 kts
OPERATIONAL CEILING	17,000 ft (ASL)
MTOW	91.85 kg
PAYLOAD	10 kg
WINGSPAN	6.03 m

The system capabilities presented assume optimal operating conditions. The performance of ground and airborne systems may be affected by various factors, including, but not limited to, radio spectrum conditions, weather, wind, temperature, and style of operation.