

T-20™ RUNWAY
INDEPENDENT



The runway independent T-20™ fixed-wing UAS delivers best-in-class endurance with 24+ hours of mission duration, an operational range of 185 kilometers (115 miles) and BLOS capabilities. Its portable catapult launching system can be set up and operational in less than 60 minutes within a small operational footprint. With a usable payload capacity up to 50 lb, the high-performance T-20 is Multi-INT/Multi-Domain capable with fully integrated payload pallets that can accommodate multi-mission payloads. The T-20 is equipped with superior optics including premium imaging sensors such as HoodTech O6E0IR, gyro-stabilized EO/IR gimbaled sensor with continuous zoom, onboard GPS/INS and video processing. In addition, the T-20 features a common autopilot and ground control system architecture providing a highly customizable, modular platform to meet operational or customer requirements.

Group 4 Capabilities Group 3 Footprint

T-20™

DISTINCTIONS



»» LINK RANGE
115 mi (185 km)



»» ENDURANCE
24+ hr



»» USEABLE PAYLOAD CAPACITY
Up to 50 lb (22.7 kg)



»» POWER SUPPLY
MOGAS, 190 cc EFI Engine

SPECIFICATIONS

SPEED	58 mph (50 kts)
OPERATING ALTITUDE	20,000 ft DA
WINGSPAN	18.8 ft (5.7 m)
LENGTH	9.5 ft (2.9 m)
WEIGHT	225 lb MGTOW* Fuel & Payload (102 kg)
LAUNCH METHOD	Catapult-launched
RECOVERY METHOD	Autonomous or manual skid landing

*MGTOW - Maximum Gross Takeoff Weight

SENSOR OPTIONS



HOODTECH O6EOIR

SWAPPABLE IMAGING SYSTEMS

» Superior long-range day and night imaging systems that offer onboard tracking, MWIR, image stabilization, analog and digital output with H.264/5 compression.

DATA LINKS

» Provides ISR support, MUM-T interoperability, OSRVT downlink to ground or air forces, and the ability to communicate across multiple channels and bands.

COMMUNICATIONS RELAY

» Provides unobstructed ground-to-ground and pilot-to-ground voice/video communication in urban environments or challenging terrain.

KEY FEATURES

- » 24+ hours of endurance with full payload
- » Runway independent—small operational footprint with portable catapult launch system
- » High-performance optics—long-range day/night imaging, onboard tracking & stabilization
- » Multi-INT/Multi-Domain in a single aircraft
- » Class-leading endurance & payload flexibility in a Group 3 UAS
- » Set up and operational in less than 30 minutes

