



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 km (115 mi) 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 useable 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 Cloud Cap Technology (TASE 200 and 400 Series), gyro-stabilized EO/IR gimbal sensors 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

185 km (115 mi)



» ENDURANCE

24+ hr



» USEABLE PAYLOAD CAPACITY

Up to 50 lb (22.7 kg)



» POWER SUPPLY

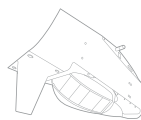
MOGAS, 190 cc EFI Engine

SPECIFICATIONS

USEABLE PAYLOAD CAPACITY	Up to 50 lb (22.7 kg)
LINK RANGE	185 km (115 mi)
ENDURANCE	24+ hr
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)
GCS	Common GCS with JUMP 20
LAUNCH METHOD	Catapult-launched
RECOVERY METHOD	Autonomous or manual skid landing
POWER SUPPLY	MOGAS, 190 cc EFI Engine

*MGTOW - Maximum Gross Takeoff Weight

SENSOR OPTIONS // COMPATIBLE WITH ALL JUMP 20 AND T-20 SYSTEMS



JUMP 20 ONLY
ARCAM-45D



EO



MWIR



EO TELESCOPE



WESCAM MX-8



EO/IR



MWIR



SPOTTER



TRILLIUM H080



EO/IR



MWIR



H.264



TASE 400 LRS



EO



MWIR



SPOTTER

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 (50 lb)
- » 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 and payload flexibility in a Group 3 UAS
- » Set up and operational in less than 60 minutes

