



## 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 O6EOIR, 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.

Kizilirmak Mah. 1446. Cad. No: 12/18  
Cukurambar 06530 Cankaya, Ankara / TURKEY  
Tel : +90 (312) 284 30 12 (PBX)  
Fax : +90 (312) 284 30 14  
altoy@altoy.com.tr www.altoy.com.tr



### 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)
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



HOODTECH 06EOIR

#### 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

