



AEROVIRONMENT

MEDIUM UNMANNED AIRCRAFT SYSTEMS

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AeroVironment’s medium UAS product line includes the runway-independent JUMP® 20 and T-20™ unmanned aircraft systems. Rapidly deployable across any domain in less than 60 minutes, these high-performance air vehicles provide the warfighter with up to 24+ hours of endurance. Our Multi-INT/Multi-Domain solutions give the warfighter a level of integrated ISR data previously unavailable in a tactical, medium UAS platform at extended range.

Purpose built for maximum integration flexibility, the JUMP 20 and T-20 are multi-mission configurable to meet changing user requirements. AeroVironment’s medium UAS feature superior optics and flexible payload options including advanced EO/IR gimbals, 3-D mapping, SAR, LiDAR, communications relay, as well as COMINT/SIGINT GPS hardening payloads.

AeroVironment’s expanded portfolio of medium UAS can serve a broader range of customer missions across multiple domains, enabling the warfighter to **PROCEED WITH CERTAINTY**.

For more product information, **visit avinc.com**



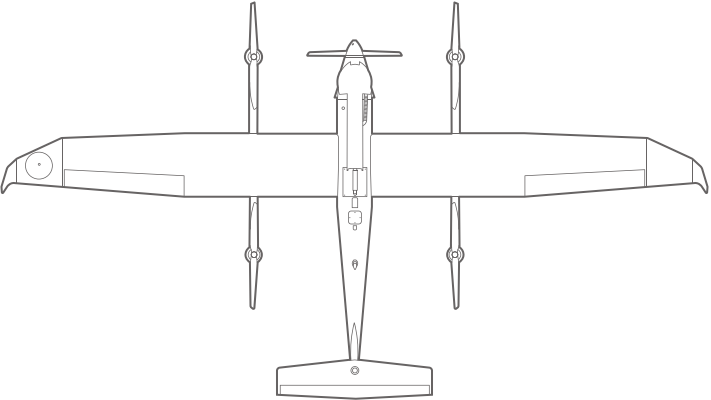
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MEDIUM UAS

JUMP® 20 VTOL FIXED WING



DIMENSIONS
Wingspan: 18.8 ft (5.7 m)
Length: 9.5 ft (2.9 m)

WEIGHT
215 lb MGTOW* (97.5 kg)
Fuel & Payload
*MGTOW - Maximum Gross
Takeoff Weight



» **LINK RANGE**
185 km (115 mi)



» **ENDURANCE**
14+ hr



» **USEABLE PAYLOAD CAPACITY**
Up to 30 lb (13.6 kg)



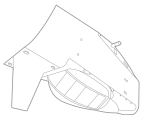
» **POWER SUPPLY**
MOGAS, 190 cc EFI Engine
Battery Powered VTOL Jump

OPERATING ALTITUDE	17,000 ft DA
GCS	Common GCS with T-20
LAUNCH METHOD	No launch system or runway required; Vertical takeoff & landing
RECOVERY METHOD	VTOL Landing

KEY FEATURES

- » *Multi-INT/Multi-Domain in a single integrated aircraft*
- » *Best-in-class range and endurance, delivering superior performance*
- » *Fully integrated payload options—synthetic aperture radar, mapping capabilities, laser designation, anti-jamming, COMINT/SIGINT*

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



JUMP 20 ONLY
ARCAM-45D



EO



EO
TELESCOPE



WESCAM MX-8



EO/IR



MWIR



SPOTTER



TRILLIUM HD80



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.

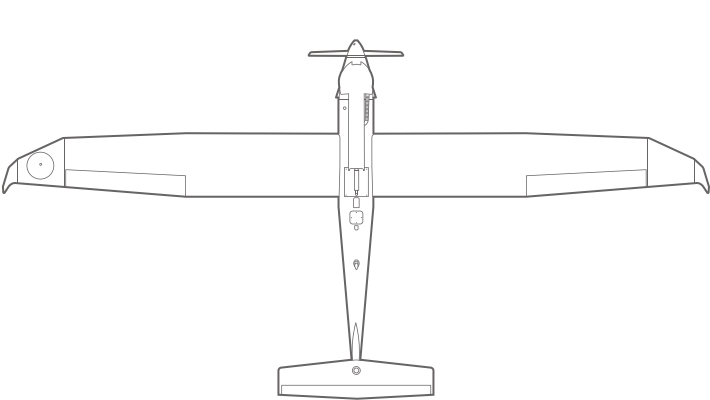
DATA LINKS

- » 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.

T-20™ RUNWAY INDEPENDENT



DIMENSIONS
Wingspan: 18.8 ft (5.7 m)
Length: 9.5 ft (2.9 m)

WEIGHT
225 lb MGTOW* (102 kg)
Fuel & Payload
*MGTOW - Maximum Gross
Takeoff Weight



» **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

OPERATING ALTITUDE	20,000 ft DA
GCS	Common GCS with JUMP 20
LAUNCH METHOD	Catapult-launched
RECOVERY METHOD	Autonomous or manual skid landing

KEY FEATURES

- » *Runway independent—small operational footprint with PLS (Catapult)*
- » *High-performance optics—long-range day/night imaging, onboard tracking & stabilization*
- » *Class-leading endurance and payload flexibility in a Group 3 UAS*
- » *Group 4 capabilities in a Group 3 footprint*