

A decorative graphic element consisting of a circle with a dot inside, connected by a line to the left.

JUMP 20 VTOL FIXED WING

The JUMP 20 is the first fixed wing UAS capable of vertical takeoff and landing (VTOL). Delivering 14+ hours of endurance and an operational range of 185 km (115 mi), the JUMP 20 is ideal for multi-mission operations. Runway independent, the system can be set up and operational in less than 60 minutes without the need for launch or recovery equipment. With a useable payload capacity of up to 30 pounds, the JUMP 20 offers flexible payload options utilizing industry leading imaging sensors such as ARCAM 45D, long range EO/MWIR as well as onboard tracking, stabilization and video processing. In addition to the multi-mission payload bay and superior optics, the JUMP 20 features a common autopilot and ground control system architecture providing a highly customizable, modular platform which can be custom-configured to meet operational or customer requirements.

VTOL Fixed Wing Launch Anytime, Anywhere

JUMP 20

DISTINCTIONS



» LINK RANGE
185 km (115 mi)



» ENDURANCE
14+ hr



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

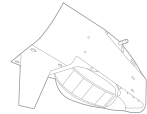


» POWER SUPPLY
MOGAS, 190 cc EFI Engine
Battery Powered VTOL Jump

SPECIFICATIONS

USEABLE PAYLOAD CAPACITY	Up to 30 lb (13.6 kg)
LINK RANGE	185 km (115 mi)
ENDURANCE	14+ hr
SPEED	58 mph (50 kts)
OPERATING ALTITUDE	17,000 ft DA
WINGSPAN	18.8 ft (5.7 m)
LENGTH	9.5 ft (2.9 m)
WEIGHT	215 lb MGTOW* Fuel & Payload (97.5 kg)
GCS	Common GCS with T-20
LAUNCH METHOD	No launch system or runway required Vertical takeoff & landing
RECOVERY METHOD	VTOL Landing
POWER SUPPLY	MOGAS, 190 cc EFI Engine; Battery Powered VTOL Jump

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



JUMP 20 ONLY
ARCAM-45D



WESCAM MX-8



TRILLIUM H080



TASE 400 LRS



SWAPPABLE IMAGING SYSTEMS

» Superior long-range day and night imaging systems that offer onboard tracking, MWIR, image stabilization, analogue 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

- » 14+ hours of endurance with full payload (30 lb)
- » VTOL—versatility of rotorcraft without compromising range or endurance
- » High performance optics long-range EO/MWIR and onboard tracking
- » MULTI-INT/MULTI-DOMAIN in a single integrated aircraft
- » Best in class range and endurance, delivering superior performance
- » Ultimate portability—Tactical platform, mobile operations capable

