The JUMP 20 is a vertical takeoff and landing (VTOL), fixed-wing unmanned aircraft used to provide advanced multi-sensor intelligence, surveillance, and reconnaissance (ISR) services. 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 lb, 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 that can be custom-configured to meet operational or customer requirements.
VTOL Fixed-Wing
Launch Anytime, Anywhere

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

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Useable Payload Capacity</td>
<td>Up to 30 lb (13.6 kg)</td>
</tr>
<tr>
<td>Link Range</td>
<td>185 km (115 mi)</td>
</tr>
<tr>
<td>Endurance</td>
<td>14+ hr</td>
</tr>
<tr>
<td>Speed</td>
<td>58 mph (50 kts)</td>
</tr>
<tr>
<td>Operating Altitude</td>
<td>17,000 ft DA</td>
</tr>
<tr>
<td>Wingspan</td>
<td>18.8 ft (5.7 m)</td>
</tr>
<tr>
<td>Length</td>
<td>9.5 ft (2.9 m)</td>
</tr>
<tr>
<td>Weight</td>
<td>215 lb MGTOW* Fuel &amp; Payload (97.5 kg)</td>
</tr>
<tr>
<td>GCS</td>
<td>Common GCS with T-20</td>
</tr>
<tr>
<td>Launch Method</td>
<td>No launch system or runway required Vertical takeoff &amp; landing</td>
</tr>
<tr>
<td>Recovery Method</td>
<td>VTOL Landing</td>
</tr>
<tr>
<td>Power Supply</td>
<td>MOGAS, 190 cc EFI Engine; Battery Powered VTOL Jump</td>
</tr>
</tbody>
</table>

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

- ARCAM -45D
- WESCAM MX-B
- TRILLIUM HD80
- TASE 400 LRS
- EO/IR
- EO/IR
- EO/IR
- EO/IR
- EO/TELESCOPE
- SPOTTER
- SPOTTER
- H.264
- H.264
- H.264
- H.264

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

» 14+ hours of endurance, up to 30 lb payload capacity
» 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

* MGTOW - Maximum Gross Takeoff Weight