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Space • Unmanned Systems • Applied Technology

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The Recon System 16 (RS-16™)

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*Mission ready - available for
rent or purchase*

Mobile Command Center

- Communication Systems
- Computers & Peripherals
- Real-Time Video Exploitation
- Power/Fuel/Crew Support

Customized T-16XL Aircraft

- 12-16 hr Endurance
- Payloads - Video, IR, Comm Relay
- Launcher
- Ground Support Equipment, Spares

Aircraft



Type: Arcturus T-16XL
 Wing span: 12' 11"
 Fuselage: 6" x 6" x 6' 10"
 Payload capacity:
 Max Wt: 25 # + fuel
 Int. Volume: 6"x6"x20"
 Payload power: ~100 W
 Endurance: 12-16 Hours
 Cruise : 45-80 knots
 Service ceiling: 15K' MSL
 Catapult launch
 Belly landing



Manned aircraft rentals also available

Payloads

Video gimbals
 EO/IR
 Video
 EO/IR/HD
 Communications relay
 Manned/unmanned
 compatible
 Advanced video telemetry
 systems
 Modular design and the
 engineering skills and
 experience needed to
 efficiently integrate
 customer payloads



Video Payload

Mobile Command Center

Complete, mobile, self-
 contained climate-
 controlled work
 environment capable of:
 Command and control of
 unmanned aircraft
 Managing remote sensing
 operations with manned
 and unmanned aircraft
 Real-time exploitation and
 distribution of video
 Crew support
 Transport of entire mission
 system



AAAI Services

Mission planning
 Airspace analysis and
 regulatory support
 Training curricula and
 programs
 Video exploitation and gap
 technologies
 Field equipment rentals
 Flight crews
 Flight services
 Our aircraft or yours
 Our payloads or yours

Mission Success - Beyond the Aircraft

To discover how AAAI can help you perform safe, successful and cost-effective missions, please call **610-225-2604**, or e-mail dyoel@American-Aerospace.net.