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WORLD VIEW

Payload Capabilities

Comprehensive Flight and Integration Services

Capabilities:

- Flight testing via balloon
- Payload integration, launch & recovery operations, mission control operations, and payload de-integration and return



Balloon
Equipment
Module

Release
Interface

Recovery
System

Payload
Support
Module



Tycho Qualified Vehicle Family:

Offering two vehicles for specific payload mass ranges

	Max Payload Mass (kg)	Max Volume (m ³)	Max Altitude (km)	Max Float Time* (hrs)	Serial Communication Up/Down (bps)
Tycho-285	285	10	43	17	Very low latency at 1200 bps. Up to 2+ minute latency at 9600 bps.
Tycho-20	20	10	46	11	



*Max Float Time at altitude is variable based on time of year.

**Power to all payloads can be provided.

Example Applications:

- TRL Raising
- Solar Physics
- Communications
- Student Experiments
- Earth & Atmospheric Sciences
- IR/UV/Charged Particle Astronomy

For More Info:

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