

# SCORPIUS<sup>®</sup> SR-M

## Low Cost Access to High Altitude and Microgravity Environments

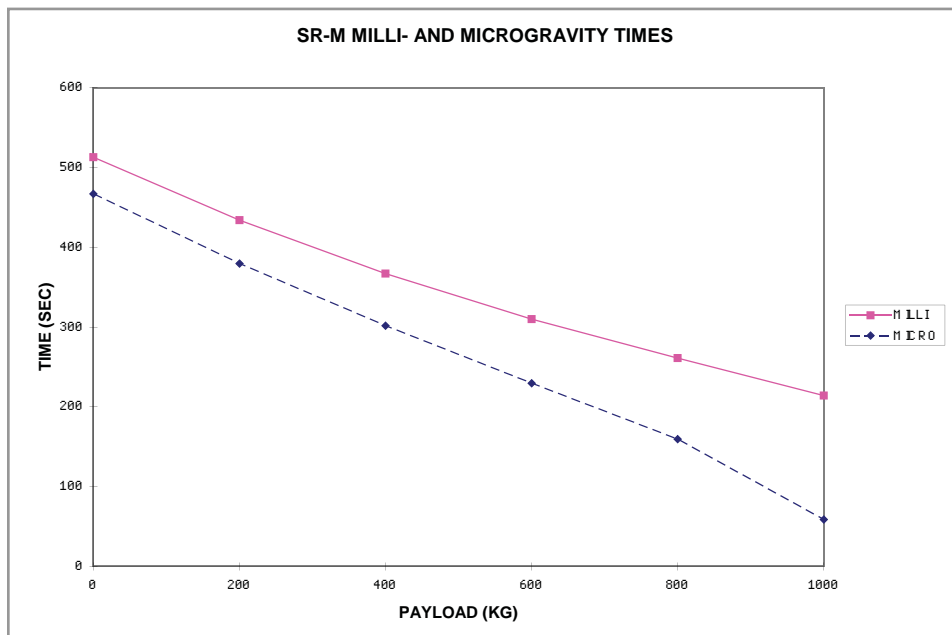
The SR-M is a suborbital launch platform that has been specifically designed to place a payload into a high altitude environment. Our pressure-fed ablative engine propulsion system ensures highly reliable missions.

The SR-M provides all the necessary instrumentation to accurately monitor your payload's flight-time environment including pressure, temperature and acceleration. Our standard, non-separable payload accommodations include power, command and communications, and mechanical attachment to our payload interface plate.

Interfaces to the payload can be custom tailored to your specifications.

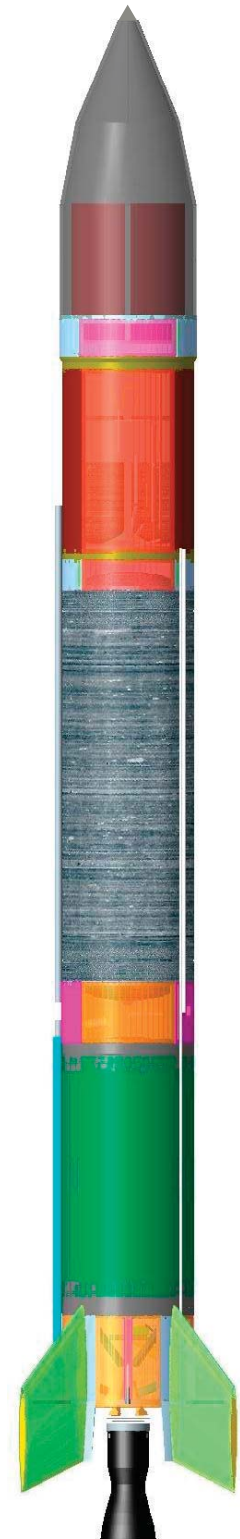
Special payload environmental control and payload separation is available upon request.

Scorpius<sup>®</sup> Space Launch Company will help you define your mission requirements, provide launch supervision, and assist in data recovery to ensure maximum mission benefits.



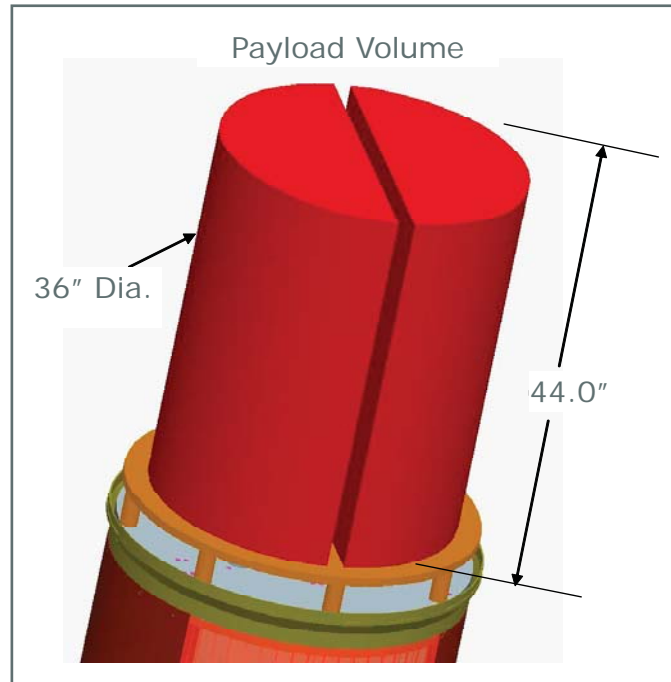
### BENEFITS

- Low cost
- High reliability
- Integrated payload environmental instrumentation
- On-board power to your payload
- Multiple payload support capability
- Short turn-around for launch



## PAYLOAD ACCOMODATIONS

- Standard 42" diameter payload interface plate
- +28VDC, 10W available for payload power
- Two asynchronous, four analog data channels available for payload communications
- Ethernet networking to payload during ground operations
- Environmental controls optional
- Separation system optional



Scorpius® — World Class Service —  
Helping customers  
achieve maximum mission benefit

## PERFORMANCE

- Achievable altitude: Over 225,000 feet for a 300kg payload
- Typical trajectory: 86 degree vertical, 40,000 meters downrange
- Powered flight duration: 120 seconds
- Typical mission duration: 540 seconds
- Roll controlled to zero rotation rate
- Microgravity duration: 250 seconds for a 300kg payload Environmental controls optional

## POINT OF CONTACT

For technical details and quote, please contact:  
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