



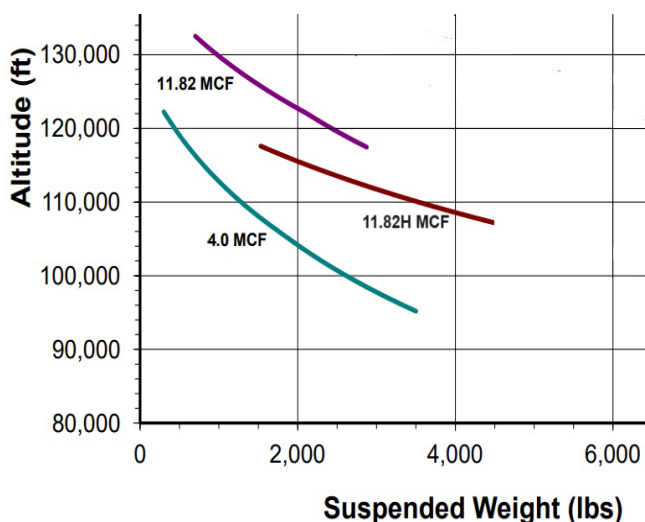
AEROSTAR HURRICANE BALLOON SYSTEM

FOR HEAVY LIFT RESEARCH AND DROP TESTING

The Aerostar Hurricane Balloon System provides a turnkey solution to carry large payloads and drop test articles to the stratosphere.

Aerostar's 2024 acquisition of Near Space Corporation (NSC) expanded products and services to include launching large stratospheric and heavy lift balloon systems. Aerostar has applied its industry leading flight command/control hardware and software to NSC's Legacy Large Balloon capabilities enabling a new world class commercial flight test platform.

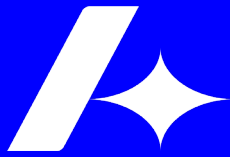
Common applications include flying large stratospheric instruments and drop testing of re-entry vehicles and systems.



AEROSTAR HURRICANE BALLOON SYSTEM SPECS

Altitude Range	40,000 to 130,000 ft
Weight	Up to 4,500 lbs
Standard Payload Volume	6 ft wide x 6 ft deep x 6 ft tall
Standard Payload Power	600 W / 2,400 Whr
Standard Flight Duration	<8 hrs
BLOS Payload Communications	Iridium SBD (Standard) Starlink (Option)
LOS Communications	Silvus (Option)





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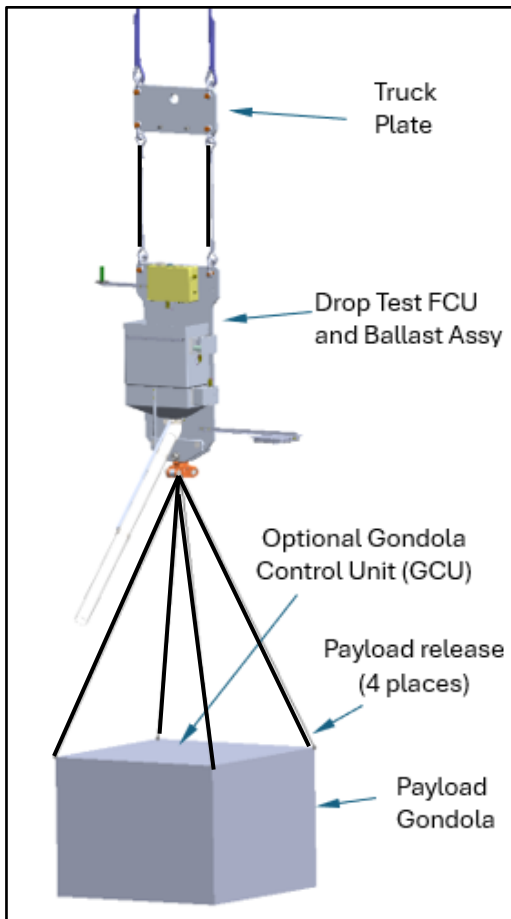


Dynamic Launch Technique:

- Utilize Launch Crane and Spool
- Standard NASA processes
- Up to 4,500 lb payloads
- Up to 11mcf balloon envelopes
- Can deploy anywhere CONUS

Static 'Stonehenge' Launch Technique:

- Low g launch for oversized payloads
- Up to 20,000 lbs payloads
- Up to 2mcf balloon envelopes



Recovery Parachute

Terminate Fitting

Parachute Release

Ladder

Truck Plate

Payload
Gondola

For more than 65 years, Aerostar has designed, manufactured, and integrated systems that solve challenges in Aerospace & Defense. From engineering services, design, and development to highly-technical products and support, we offer tailored turnkey solutions for a multitude of missions.



AEROSTAR

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