



ELEVATE

Balloon Operation Service
for Stratospheric Flights

Reliable and functional hardware test
platform in Space-like conditions.

Zero 2 Infinity

www.zero2infinity.space

2018

Contact

Izan Peris, Product Lead

+34 667 75 75 38

izan.peris@zero2infinity.space

WHAT'S ELEVATE?

Elevate is a balloon operation service to test hardware in stratospheric conditions above 90% of Earth's atmosphere. Covering from launch to recovery, Zero 2 Infinity offers a fully functional platform to conduct your test flight campaign.

REASONS TO CHOOSE ELEVATE

1 CUSTOMIZED MISSION PROFILES

Pick your altitude, duration and mass and get a customized service!

Zero 2 Infinity is the only private company in Europe that offers tailored mission profiles. After a viability study, we offer our clients the flexibility to select the altitude range to fly, the duration of the test and the payload mass that fulfills the objectives of their projects.

2 HIGHLY SKILLED TECHNICAL TEAM

Run your hardware test with a high performance team.

With more than **40 flight campaigns performed**, our team has extensive experience and know-how to fulfill your mission.

3 300 DAYS OF SUNSHINE

Fly all year round in the sunniest country of Europe!

As our business activity is based in Spain, our privileged location allows us to offer flexibility to our clients to select the dates to plan their launch tests.

4 PRIVATE LAUNCH PLATFORM

A private stratoport at your service!

The ATLAS Stratoport in Jaen is our dedicated facility to perform flight operations. Fly anytime of the year without worrying about privacy, management, permissions and logistic issues.

5 SOLID CUSTOMER BASE

Client portfolio in constant growth.

We have performed flight campaigns for major aerospace companies: Airbus, Thales Alenia Space, ESA, DHV, Altran, Aistech Space and many more.



HAPS
Hardware
Testing

BALLOON SYSTEM CONFIGURATION

FOR HEAVY PAYLOADS (>10 KG)

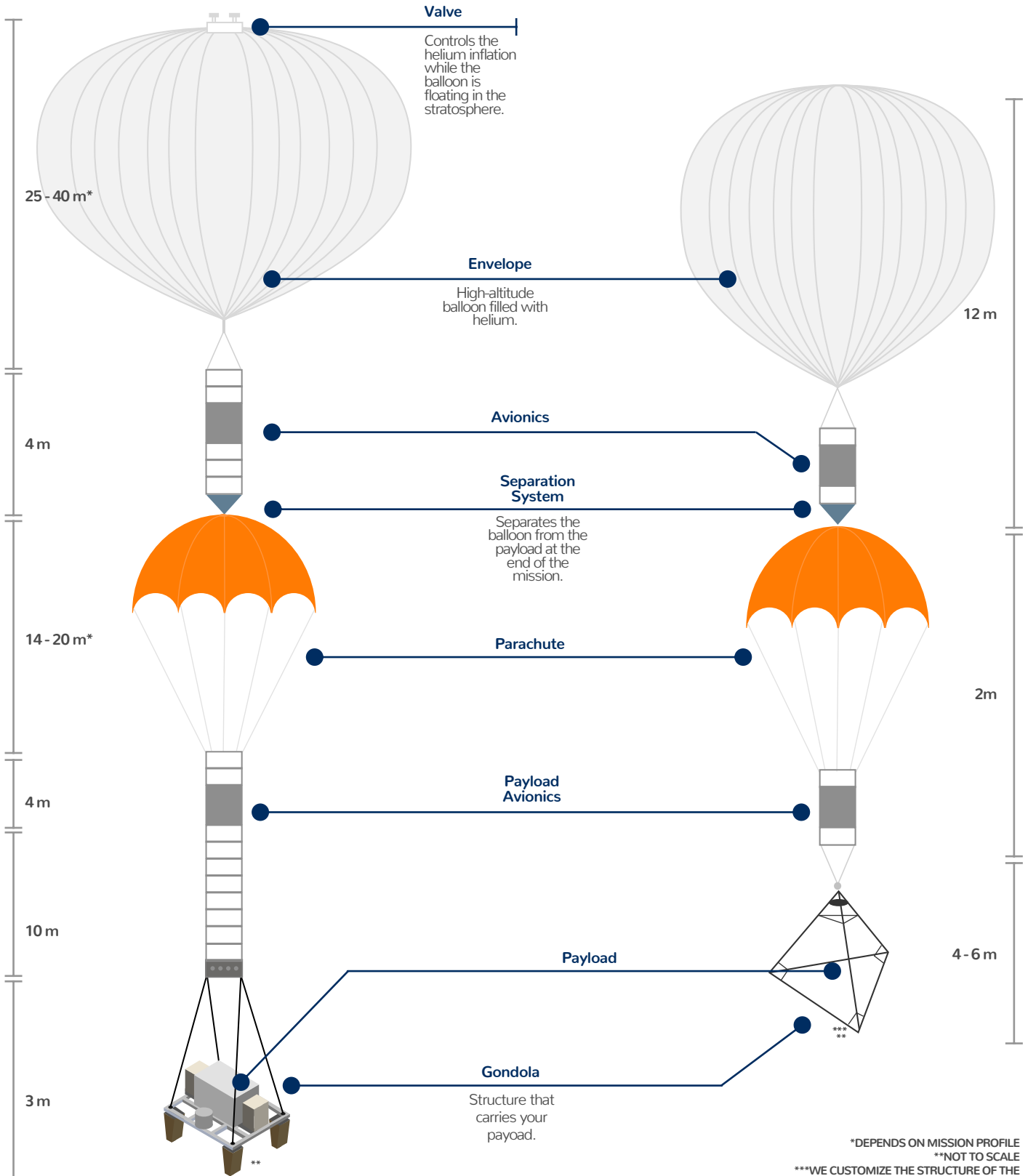
Discover our balloon operations service!

We have designed a flight train that offers our clients the opportunity to test their payloads in stratospheric conditions.

FOR LIGHT PAYLOADS (<3 KG)

Launch your light payload from everywhere!

For light payloads, we adapt our system configuration making possible to launch in short term.

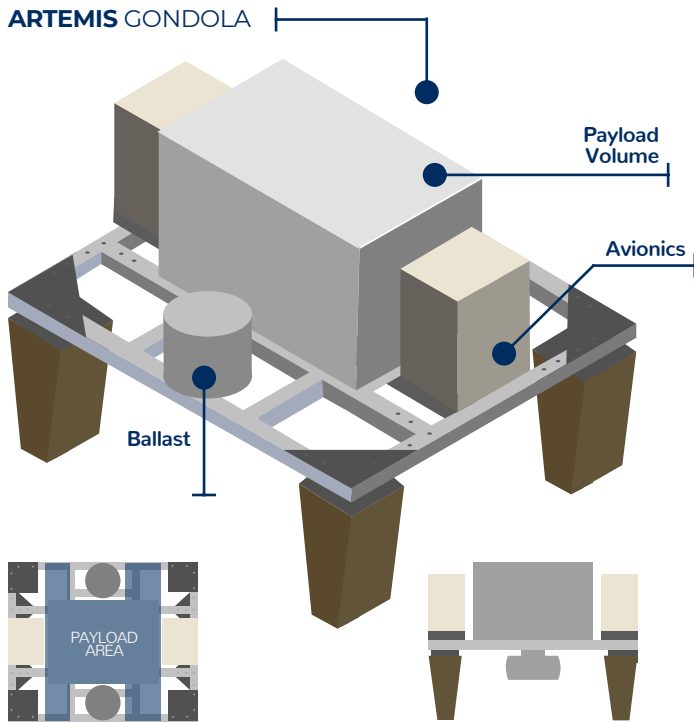
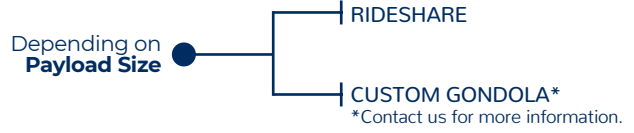
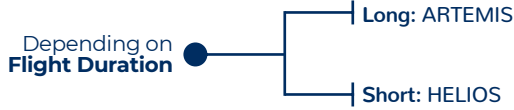


*DEPENDS ON MISSION PROFILE
 **NOT TO SCALE
 ***WE CUSTOMIZE THE STRUCTURE OF THE GONDOLA, AFTER CONSIDERING YOUR PAYLOAD

PAYLOAD GONDOLA OPTIONS

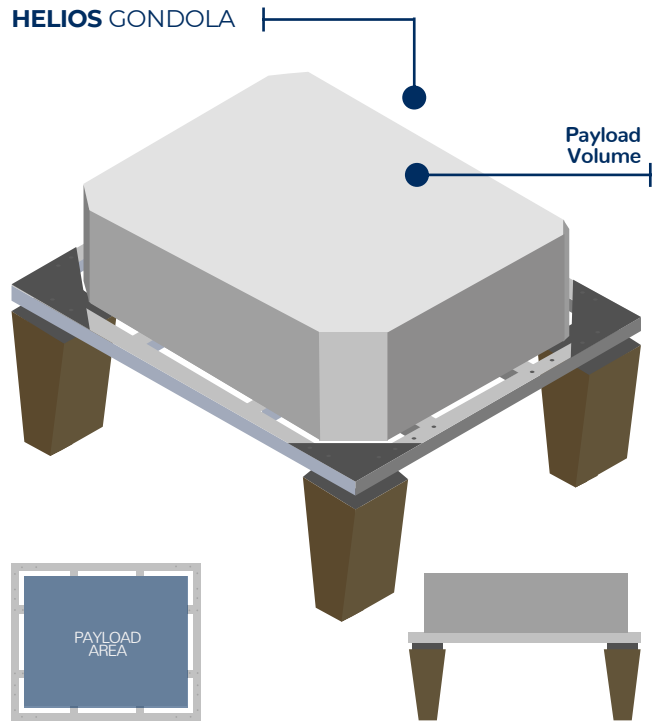
CHOOSE THE RIGHT GONDOLA FOR YOUR PAYLOAD

Depending on the payload you want to elevate and the mission profile: **Telecommunications** (Antennas) or/and **Earth Observation** (Optical Cameras, Infrared Cameras, Radars), we offer different gondola options. Consequently, you'll be able to select between:



Capabilities

Suitable for: Flights above 10 hours.
Payload Mass: < 100 Kg
Payload Area Size: 80 x 50 cm



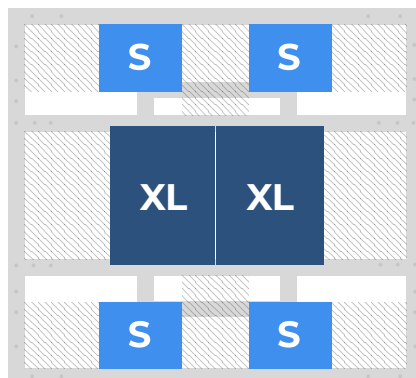
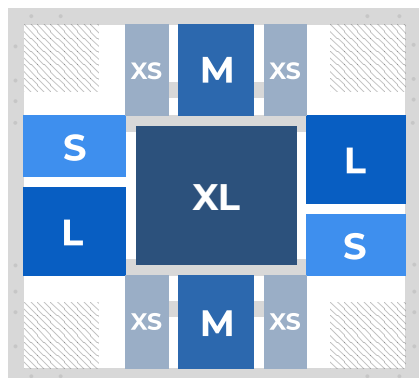
Capabilities

Suitable for: Flights up to 10 hours with no day-night transition.
Payload Mass: < 100 Kg
Payload Area Size: 120 x 90 cm

RIDESHARE GONDOLA ARCHITECTURE

Affordable access to Space for your payload.

If your payload has a moderate size and you don't need to dispose of all the payload area, you can select this option to take advantage of heavy launches and share a gondola. This will translate into more affordable prices and shorter lead-times.



Payload Standard Sizes

Size	XS	S	M	L	XL
Volume cm ²	30	60	120	160	240
Mass Kgs	3	6	12	16	24