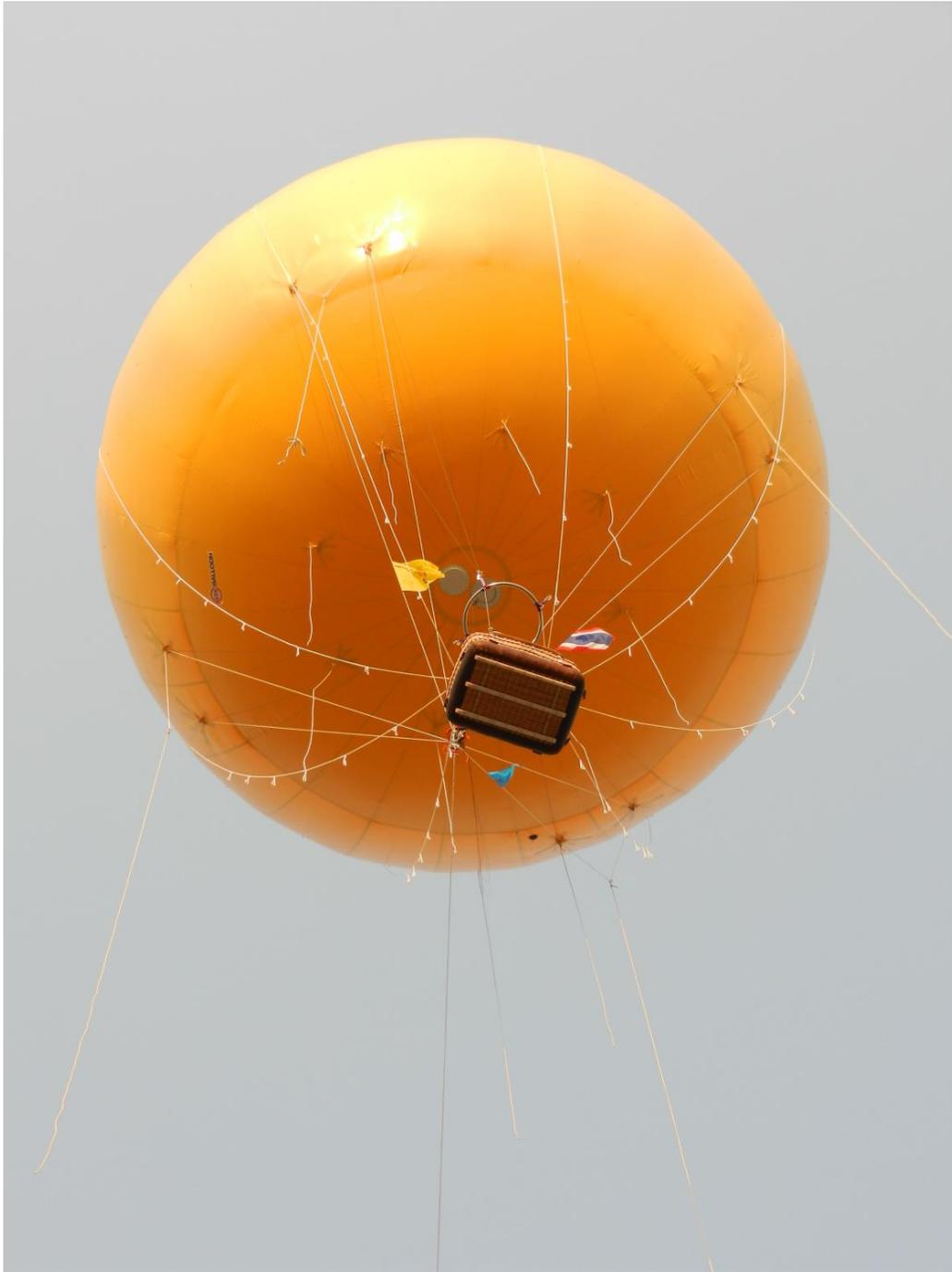




AeroBalloon AB-5



Tethered Helium Balloon Ride

Quick Facts about AeroBalloon AB-5

1. AeroBalloon is a tethered balloon family entertainment experience that carries passengers to a tethered altitude of 350 ft offering visitors and local residents spectacular vistas.
2. AeroBalloon is completely silent and non-polluting.
3. Lift is provided solely by inert helium. There is no hot-air involved.
4. AeroBalloon travels up and down via a specialized winch system and remains tethered at all times to a single point on the ground. It is never in free flight.
5. The AB-5 is installed easily, inexpensively, and cleanly with no need to penetrate pristine ground such as a city park.

How it Works

Visitors are escorted to the take-off area. With the gondola on the landing platform, the pilot disembarks the passengers from the previous flight and boards those for the next flight. The pilot then operates the winch allowing the passengers to ascend, enjoying 360-degree panoramic views. The pilot then reels in the winch, returning the passengers to terra firma.

About the Balloon

The balloon is the result of over 40 years of experience with airships and helium balloons. The fabric and valve system technology is the same used in airships and blimps. Because it is pressurized, it maintains its firm, aerodynamic spherical shape and is able to fly many hours each day. AeroBalloon is designed to remain captive, or tethered, at all times. Once inflated, the balloon will remain permanently inflated throughout its intended year-round or seasonal use. Altitude is controlled in a predictable manner using the specialized electric winch, which is permanently anchored to the ground. The entire operation is silent and non-polluting.



“What a view!”

The AB-5 has flown in numerous venues worldwide since 2003 including New York, Boston, Dallas, Houston, Miami, Orlando, Colombia, Mumbai, Kashmir, Thailand, Brooklyn, Las Vegas, and so on.

AB-5 TECHNICAL SPECIFICATIONS

Balloon Envelope

Total height of system: 85 feet (26 m)
Envelope diameter: 46 feet (14 m)
Envelope volume: 46,000 cubic feet (1,300 m³)
Nominal lift: 1700 lbs (515 kg)

Tether Cable

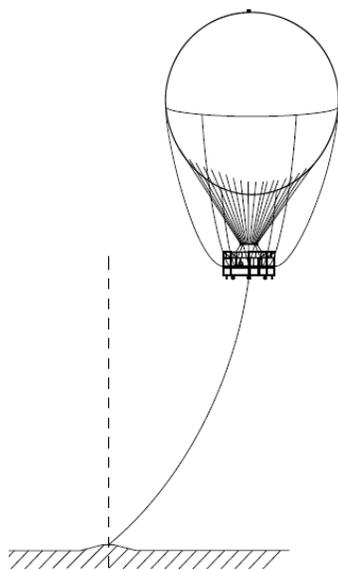
Diameter: 11 mm
Resistance: 17,000 lbs (5,150 kg)
Useful length: up to 330 feet (100 m)

Winch

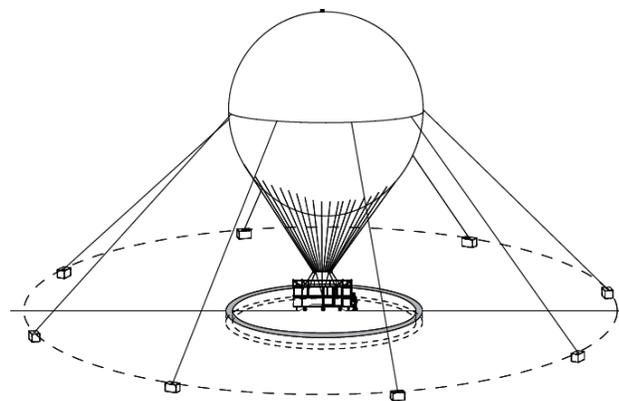
Dimensions: 5' x 5' x 5' high (1.5m x 1.5m x 1.5m high)
Power: 3-phase, 460 volts
Speed: Variable speed control, 0 to 145 feet per minute (44 m/min) in both directions
Emergency stop and 'absent-man' automatic stop switches
Emergency recovery system

Gondola (basket)

Wicker basket
Capacity 5 persons
All passengers wear easy-on harnesses
Super strong, super lightweight
Weight: 150 lbs (68 kg)
Elegant and traditional in appearance



In flight



Moored overnight & during inclement weather

Turnkey Delivery

