

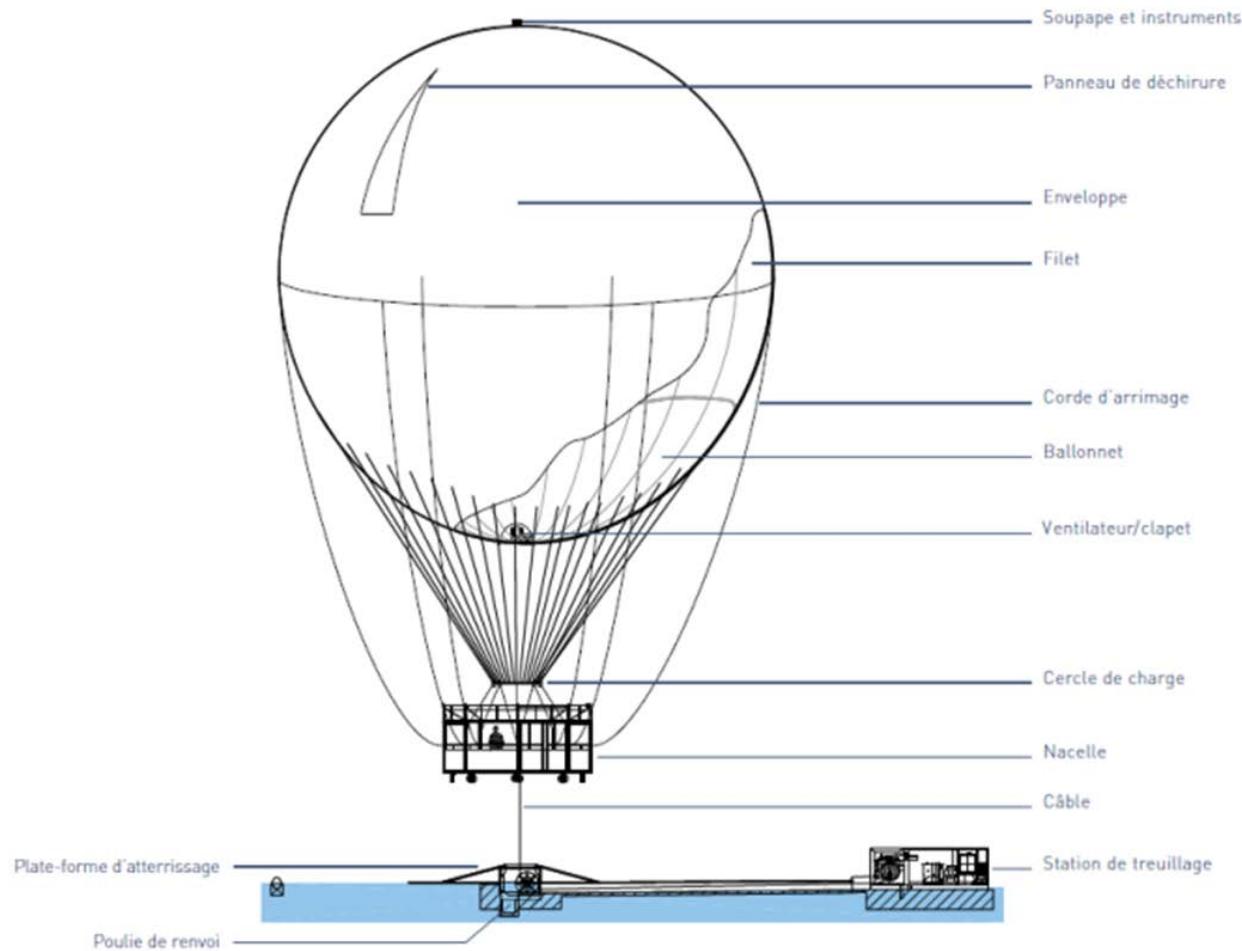


The big tethered balloon

# AERO30NG

An attraction and an icon

# 30 passengers every 10 minutes at 150 m high





Invented by AEROPHILE in 1993



# A tourist attraction

# For a sensational experience



30/12/2015

A gondola open in the air



...allowing passengers to experience the sensation of being on a flying balcony.



A 360° amazing view without noise at 150 m high

# For public of all ages



Balloon at Walt Disney World, Orlando (USA)

Balloon at Eurodisney (France)





# An environment-friendly attraction



Chosen by UNESCO for the Temples of Angkor Vat – Cambodia

Receives extensive media coverage

## Paris' Air Pollution Balloon

(Agencies)

Updated: 2008-05-16 11:06

A screenshot of a CNN news article. The top navigation bar includes links for EDITION, INTERNATIONAL, U.S., MEXICO, AP/HBO, and SET edition preference. Below the navigation is a horizontal menu with links: Home, Video, World, U.S., Africa, Asia, Europe, Latin America, Middle East, and Business. A sidebar on the left says "Part of complete coverage on Environment". The main headline is "Balloon helps Parisians breathe easy" by Ann Blythman, CNN. The text notes the balloon was deployed on September 21, 2012, at 14:00 GMT (09:00 UTC). The central image shows a night view of the Seine River in Paris with the Eiffel Tower and a bridge in the background. A large yellow balloon is visible in the upper right corner of the image. A caption on the right side of the image reads: "The balloon's location tells the scientists how good air they had the city's air pollution is since the balloon stays green - it is good air - orange average and red signifies poor air quality." At the bottom left, there is a section titled "Air de Paris Balloon" with a small video thumbnail. The bottom right corner has a "MORE CNN" link.

## Thousands of press coverage worldwide for the balloon of Paris

Allowing to considerably increase the  
number of visitors



From 130 000 to 170 000 visitors in one season at Terra Botanica – Angers - France



An advertising space  
visible from miles around

10% of the visitors  
of the Park came  
because they have  
seen the balloons.





# Information concept of the air quality by the balloon of paris

## BALLON AiR DE PARiS

Explication du système lumineux de jour  
Explanation of the lighting system as seen by day

Plus d'information à l'intérieur  
More information inside

MAIRIE DE PARIS AIR PARiS BANQUE POPULAIRE

[www.ballondeparis.com](http://www.ballondeparis.com)

## BALLON AiR DE PARiS

Explication du système lumineux de nuit  
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...with different kind of decoration

# Coating



Shenzhen – China



Eurodisney – France

# Printing



Suzhou – China



Disney World – Orlando

# Painting



Sousse – Tunisie



Singapour



Berlin – Allemagne



Angkor Vat – Cambodge



Ocean Park – Hong Kong



Paris – France

# Banners



Las Vegas – Nevada, USA



Disneyland Paris



Istanbul – Turquie



Valence – Espagne



Hamburg – Allemagne



# Four operating modes



## Flight mode

In flight mode the balloon operates flight circle carrying passengers.



## Stand by mode

Between two flights, the balloon is unmoored and awaits its passengers.



## High moored mode

The high moored mode is used when the balloon is closed to the public and when the wind is below 50 km/h

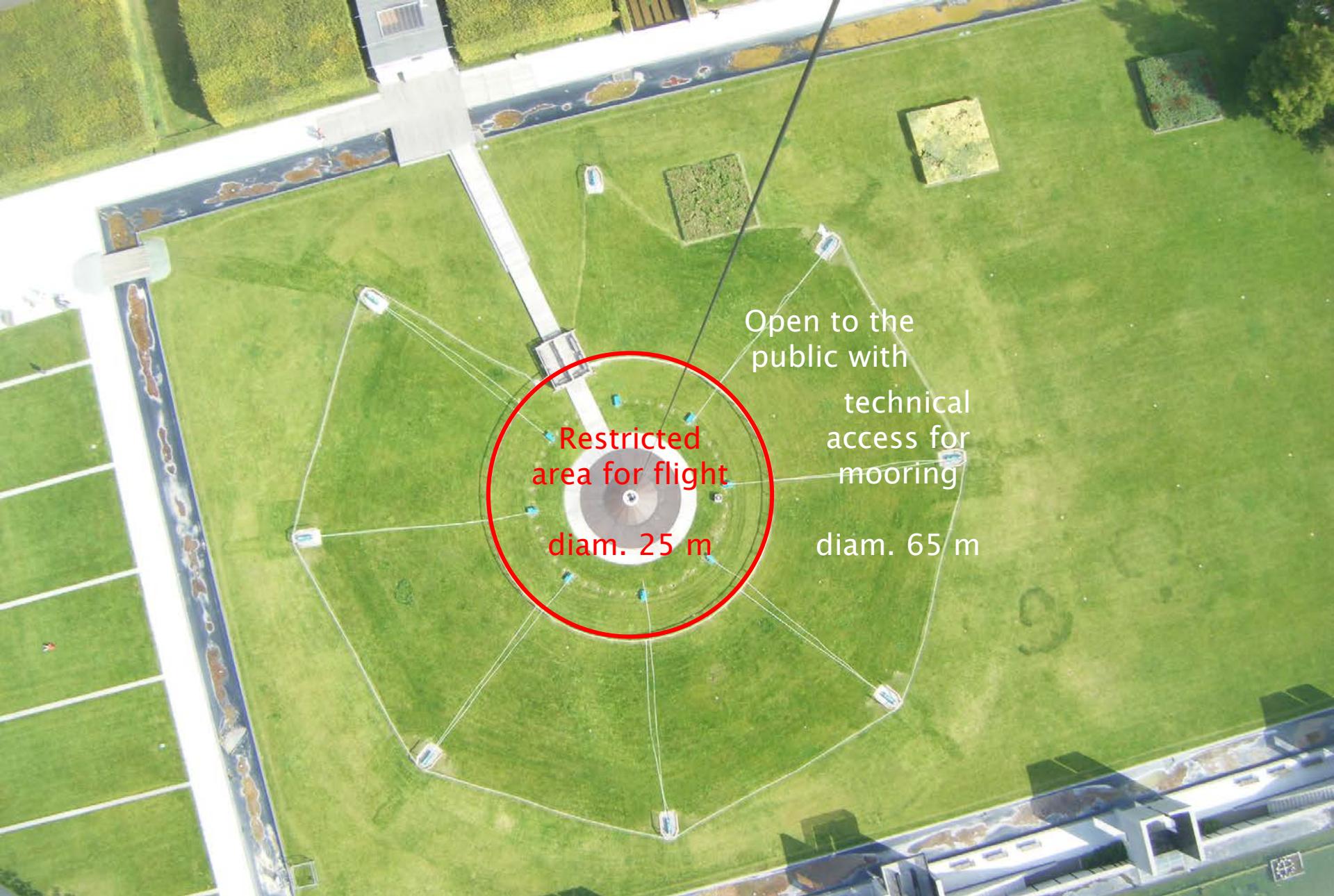


## Low moored mode

This position is used when the winds forecast are stronger than 50 km/h and if there is a risk of storms.



# Site requirements



## Site requirement

On ground...



...or on water



Installation



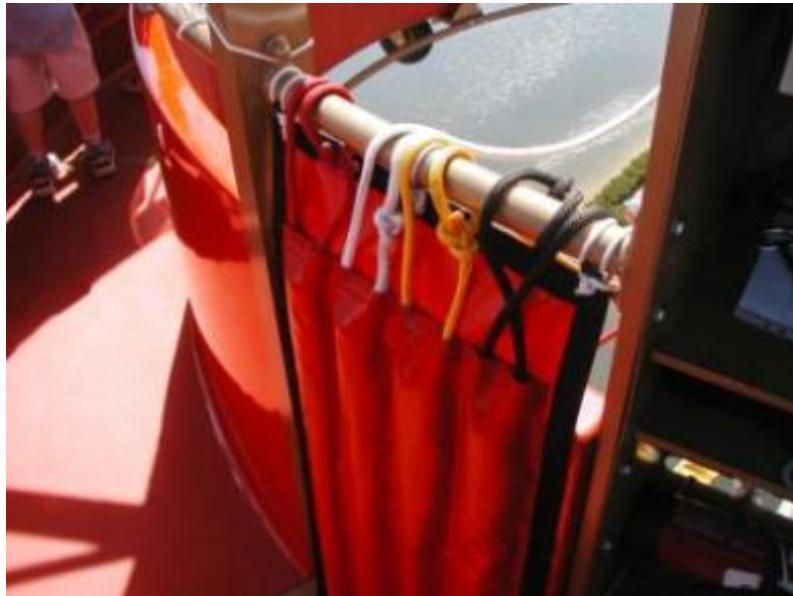
# A safe system

## Conical platform

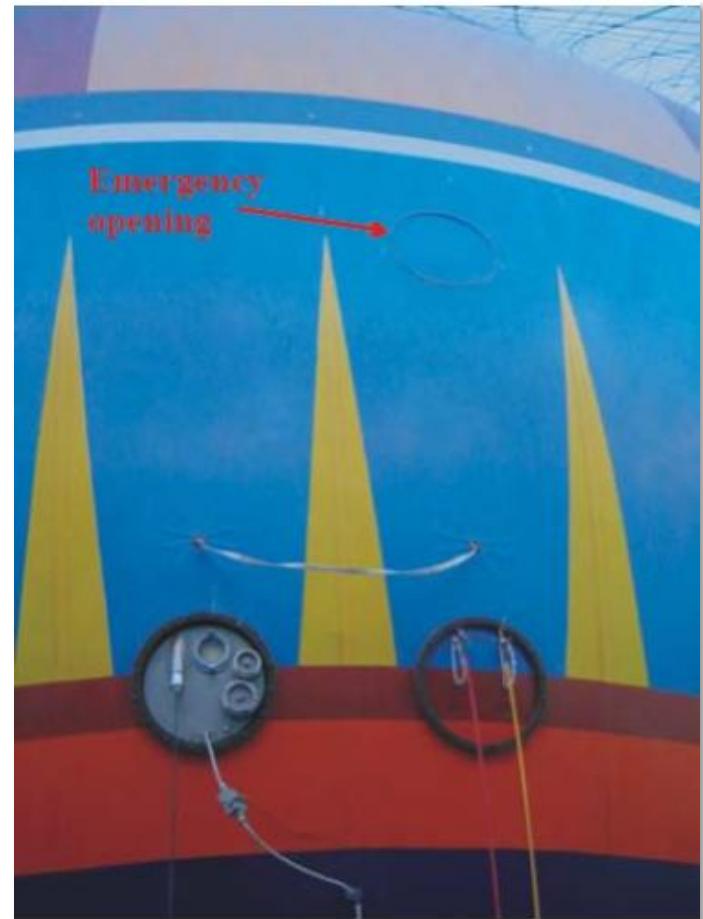


## Gondola with wheels





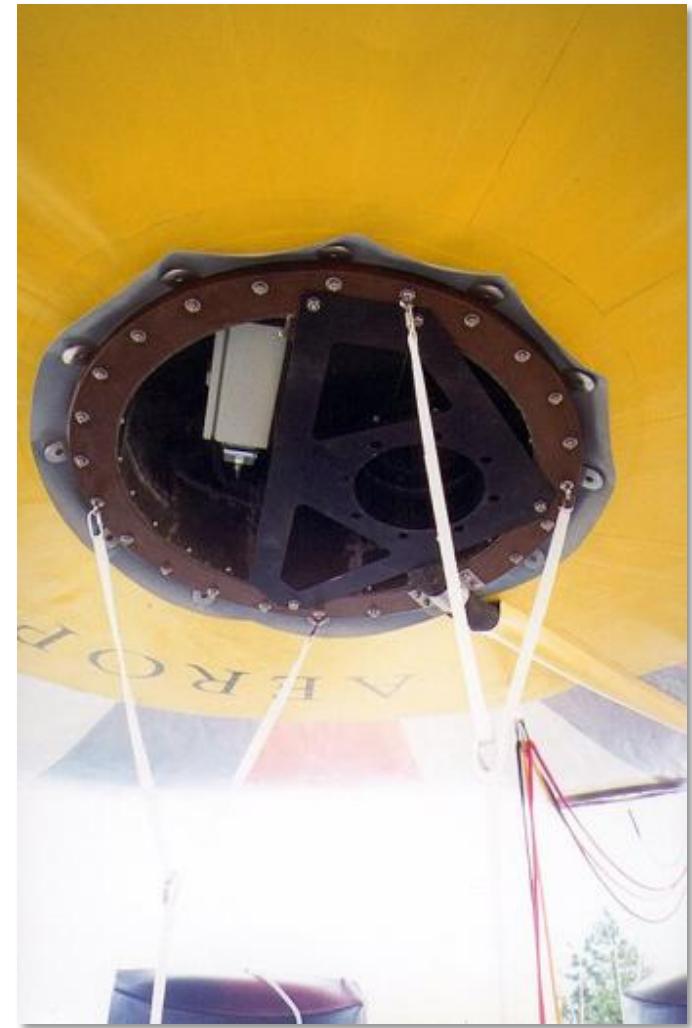
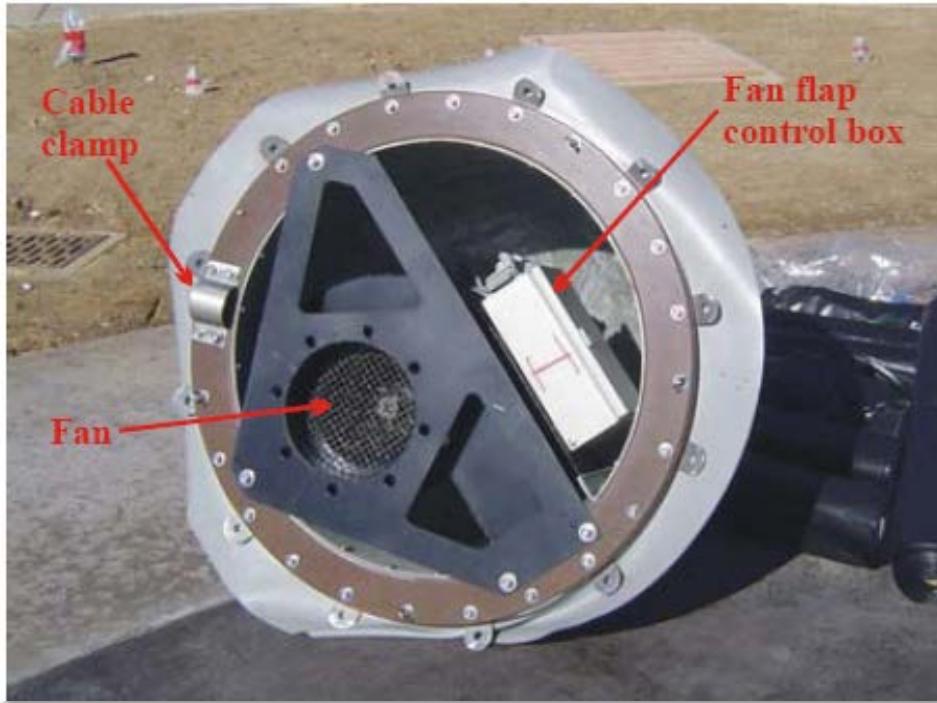
The emergency landing device allows a safe landing for the passengers in case of cable break



# Fast deflation device (rip panel)



# 800 W powerful fan to resist to high wind



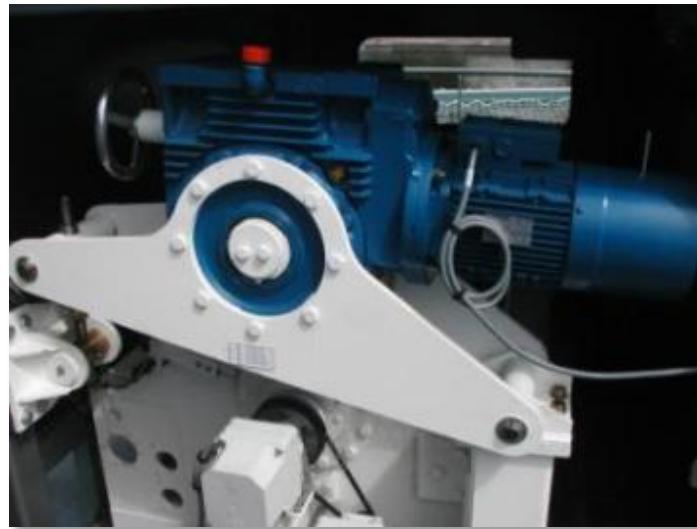
In low mooring, our balloons have resisted up to 37,5 m/s of wind



Primary system



Auxiliary system



Emergency system



Control Console on ground

LCD screen with computer on board





Durability, long lasting system &  
no helium loss

# A light and robust net

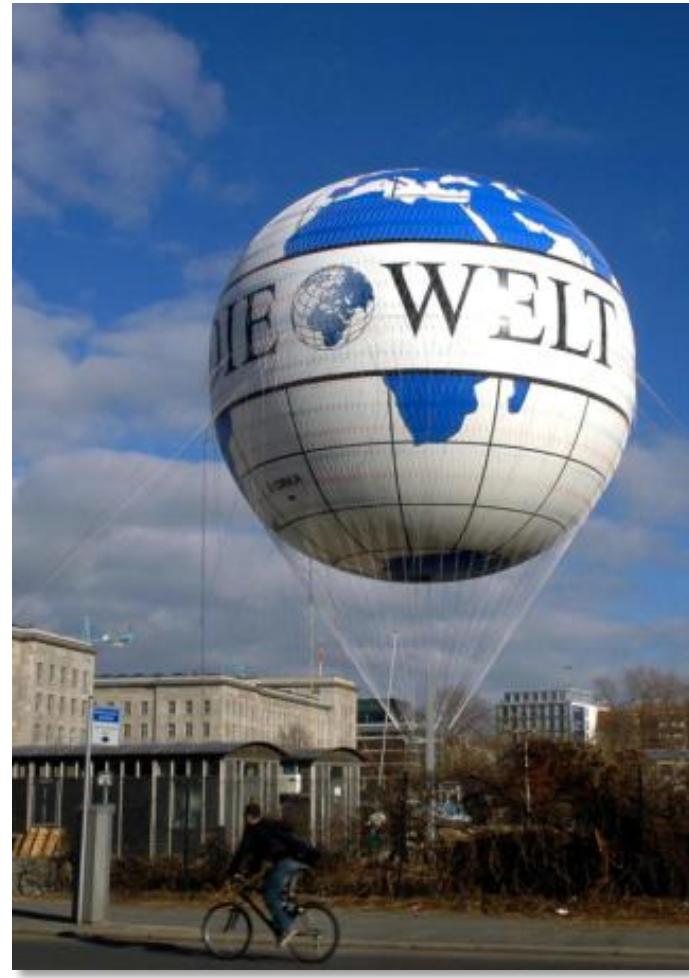
It is adapted to atmospheric difficult conditions  
(strong warmth, UV, rain, frost...)



# A long lasting envelope



Balloon of Mylau,  
91 months without deflation



Balloon of Berlin,  
Envelope March 2005 - October 2015  
Winch and gondola since April 1998



# Performances

The 6200 m<sup>3</sup> and very light envelope gives a useful lift of 4.8 T – Extremely efficient against wind and for lifting passengers



8 points d'arrimage  
haut et bas





One on board to pilot

One on ground to sell tickets and able to bring back the balloon in case of emergency



With only two staff



Electrohydraulic winch  
6 flights per hour at 150 meters



80 balloons sold worldwide in 30  
countries since 1993





8 balloons directly operated by  
Aerophile in France and in the US  
With 500 000 passengers per year



4 sponsors :

« Fortis » 1999-2001, « Eutelsat » 2002-2007 &  
« Banque Populaire » 2008-2012  
« Generali » 2013-2017

Open since 1999

In the most visited city in the world

Open since 2005

In the largest amusement park  
in Europe



Open since 2014

With an unique view

On the Vosges and the Alsace Plain





Open since 2009 in the largest amusement park in the world

Characters in Flight in Walt Disney World - Orlando, USA -

Open since 2005

Ideal attraction for zoos





Open since 2007

Ideal attraction for public parks

Open since 2013

Ideal attraction for touristic cities



Smoky Mountains Pigeon Forge- Tennessee, USA

# CONTACT:

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Jérôme GIACOMONI & Matthieu GOBBI

AEROPHILE SAS

106 avenue Félix Faure

F-75015 PARIS

Tél.: +33 (0)1 40 60 40 90 – Fax: +33 (0)1 40 60 40 95

[giacomoni@aerophile.com](mailto:giacomoni@aerophile.com)

[gobbi@aerophile.com](mailto:gobbi@aerophile.com)

[www.aerophile.com](http://www.aerophile.com)

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