

## Date: 1956-04-15 Pilot: James A. Contos United States <br> Copilot Passengers:

## Early modern hot air balloon.

| Propane burner |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Aerostat: Raven |  |  | Hot Air Balloon | Volume: | 1076 m3 |
| Distance: km | Miles | Duration: | 0 h 26 min | Altitude: | 150 meters |
| Source: Ballooning 1782-1972 |  |  |  |  | : 1998-06-04 |

Date: 1956-05-xx Pilot:
Sweden
Copilot
Passengers:

## Logging by balloon tested in Sweden

Old WW II barrage balloons used
Found uneconomical in Sweden. Terrain more suitable for road transport


| Date: 1956-08-10 Pilot: Malco Copilot M. Lee Lewis | Pilot: Malcolm D. Ross |  |  |  | United States |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Stratosphere flight. |  |  |  |  |  |  |
| Open Basket |  |  |  |  |  |  |
| Aerostat: ONR "Strato-Lab" |  |  |  | alloon | Volu | m3 |
| Distance: km | Miles | Duration: | h | min | Altitude: | 12192 meters |
| Source: National Geographic, Feb 1957 |  |  |  |  |  | ated: 1998-06-04 |

Date: 1956-09-24 Pilot: H. Froelich United States
Copilot K. Long

## Stratosphere flight.

Open Basket

| Aerostat: ONR "Strato-Lab"Distance: |  |  |  | Gas Balloon |  | Volume: m3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | km | Miles | Duration: | h | min | Altitude: | 12802 meters |
| Source: The Eagle Aloft |  |  |  |  |  |  | ed: 1 |

Date: 1956-11-08 Pilot: Malcolm D. Ross<br>United States

Copilot M. Lee Lewis
Passengers:

## First flight over $\mathbf{2 3 0 0 0} \mathbf{~ m e t e r s . ~}$

Unofficial Absolute World Record. (AA 15)


Date: 1957-03-15 Pilot: Jack R. Hunt, Cmdr<br>United States<br>Copilot US Navy<br>Passengers:

## Longest recorded airship flight. (BA 8)



| Date: <br> Copilot | Pilot: Joseph W. Kittinger |
| :---: | :---: | :---: | :---: | :---: |
| Passengers: |  |$\quad$ 1928-06-02 $\quad$ United States

## Research on human reaction to high altitude flight



## Date: 1957-08-20 Pilot: David G. Simons United States <br> Copilot <br> Passengers:

Research on human reaction to high altitude flight.
Crosby, Minnesota to Elm Lake, S. Dakota



## Date: 1958-07-27 Pilot: Malcolm D. Ross United States <br> Copilot Passengers:

Unofficial stratosphere duration record. (AA 15)

| Aerostat: "Stratolab III" |  | Gas Balloon |  |  | Volume: |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | km | Miles | Duration: | 34 h 30 min | Altitude: |  | 24994 meters |
|  |  |  | 782-1972 |  |  |  |  |

Date: 1958-10-08 Pilot: Clifton McClure United States

## Copilot Passengers:

## Research on human reaction to high altitude flight. (AA 15)

Pilot severely dehydrated due temperature above 70


## Date: 1958-12-12 Pilot: Arnold Eiloart Great Britain <br> Copilot Tim Eiloart, Colin Mudie, Rosmary Mudie Passengers:

## Atlantic attempt. First East-west.

Tenerife -2400 km east of Caribbean islands
Arrived Barbados by balloon gondola

| Aerostat: "Small World". Hydrogen |  |  |  | Gas Balloon | Volume: | 1500 m 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance: | $1930,00 \mathrm{~km}$ | 1199 Miles | Duration: | 94 h 30 min | Altitude: | meters |
| Source: | NG July 59, Ballooning 78:5 p34, The Eagle Aloft |  |  |  | Updated: 1998-06-04 |  |


| Date: <br> Copilot | 1959-11-16 | Pilot: Joseph W. Kittinger | Passengers: |
| :---: | :---: | :---: | :---: |

## High altitude parachute jump.

White Sands, New Mexico.



## Date: 1959-12-11 Pilot: Joseph W. Kittinger 1928- United States

High altitude parachute jump.

| Aerostat: "Excelsior II" |  |  | Gas Balloon | Volume: |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Distance: | Miles | Duration: | h | min | Altitude: |
| Source: | NG Dec 1960, Aerospace Balloons |  |  |  |  |

## Date: 1960-08-16 Pilot: Joseph W. Kittinger 1928- United States <br> Copilot Passengers:

Highest known successful parachute jump.



Date: 1961-05-04 Pilot: Malcolm D. Ross
Copilot Victor A. Prather

## Absolute World Altitude record. (AA 15)

Launch from aircraft carrier U.S.S Antietam, Gulf of Mexico V A Prather drowned shortly after landing.




| Date: 1962-08-20 Pilot: Nini Boesman Copilot Rudolf Meyer | Passengers: |  | Netherlands |  |
| :---: | :---: | :---: | :---: | :---: |
| First crossing of the Alps by a female pilot |  |  |  |  |
| Aerostat: Vandenbemden "Utrecht", hydrogen <br> Distance: $100,00 \mathrm{~km} \quad 62$ Miles <br> Source: EA Sautter | Duration: | Gas Balloon 3 h 30 min | Volume <br> Altitude: | $630 \mathrm{m3}$ 3500 meters <br> ed: 2005-01-21 |
| Date: 1963-03-25 Pilot: Edward Yost Copilot Don Piccard | Passengers: |  |  | nited States |
| First crossing of English Channel by Hot Air Balloon. |  |  |  |  |
| Aerostat: Raven "Channel Champ" Distance: $\quad$ Mm Source: Ballooning (Wirth) | Duration: | Hot Air Balloon 3 h 17 min | Volume <br> Altitude: | $\begin{array}{r} 1699 \mathrm{m3} \\ 4000 \text { meters } \\ \text { ted: } 1999-04-20 \end{array}$ |
| Date: 1965-09-20 Pilot: Copilot | Passengers: |  |  | ance |
| CIA, FAI International Ballooning Commission set up |  |  |  |  |
| Aerostat: <br> Distance: 0,00 km 0 Miles <br> Source: High Flyers, p137 | Duration: | 0 h 0 min | Volume: <br> Altitude: | $\begin{array}{rr}  & \mathrm{m} 3 \\ & \text { meters } \\ \text { ted: } & 2008-09-04 \end{array}$ |



## Altitude flight.

Pilot parachutes, looses oxygen at 17000 m . Dies from hypoxia
Highest known manned ascent



Date: 1967-07-09 Pilot: Gerry Turnbull
Copilot

## First controlled free flight by modern British built HAB



## Date: 1968-01-02 Pilot: United States <br> Copilot <br> Passengers:

## Unmanned balloon GHOST 70201K landed

Made 32 earth orbits in 351 days

| Aerostat: |  |  |  | Superpressure Gas B Volume: |  |  |  |  | m3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance: | km | Miles | Duration: | h | min | Altitude: |  |  | meters |
| Source: | Ballooning 1782-1972 |  |  |  |  |  | Updated: |  | 8-06-04 |

## Date: 1968-08-10 Pilot: Mark Winters United States <br> Copilot Jerry Kostur <br> Passengers:

## Atlantic attempt.

Halifax to 56 km southeast Halifax


## Date: 1968-08-19 Pilot: Per Arne Terrs Lundahl <br> Sweden <br> Copilot Passengers:

First free flight with Hot Air Balloon in Sweden
Drev to Bergkvara

| Aerostat: Piccard AX6, "E | ". SE-ZZA |  |  |  | Volume: | 1586 m 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance: | km | Miles | Duration: | h | Altitude: | meters |
| Source: Boyant Flight |  |  |  |  |  | 2002-01-30 |

## Date: 1969-09-28 Pilot: Atsuo Tanaka <br> Japan <br> Copilot Erio Umesao <br> Passengers:

First Hot Air Balloon free flight in Japan
Near lake Toya, Hokkaido, Japan

| Aerostat: Homebuilt "Icarus no 5". JAA-001 |  |  | Hot Air Balloon | Volume: | 2070 m 3 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Distance: $\quad 12,00 \mathrm{~km}$ | 7 Miles | Duration: | h | min | Altitude: | meters |
| Source: Sabu Ichiyoshi $2002-01-26$ |  |  |  |  | Updated: 2002-01-30 |  |

Date: 1970-09-20 Pilot: Malcolm Brighton 1938-1970 Great Britain
Copilot Rodney Anderson, Pamela Anderson Passengers:

| Atlantic attempt. |
| :--- |
| East Hampton to East of Newfoundland. Crew and balloon never found |
| Distance not verified. 2250 claimed |
| Aerostat: Brighton, "Free Life". Helium. |
| Distance: $\quad 2000,00 \mathrm{~km}$ <br> Source: <br> Sallooning $78: 5 \mathrm{p} 34$, The Eagle Aloft |

## Date: 1970-11-29 Pilot: Terence A. Adams Great Britain <br> Copilot Lt H.S. Draper <br> Passengers:

## First manned balloon over Malta.

First British Hot Air Balloon flight at sea
Take off from Aircraft Carrier HMS Ark Royal


| Date: | 1972-07-22 | Pilot: Werner GeissIreither |
| :--- | :---: | :---: |
| Copilot Berthold Munz | Passengers: | Germany |

## 1st European Gas Balloon Championship, 1st place

Augsburg, Germany. 62 teams initially. ED: Rudi Schmidt
9 teams in final round, 27 teams in semifinals


## First flight over the Alps in Hot Air Balloon


Date: 1972-10-27 Pilot:
United States
Copilot Passengers:

Highest altitude attained by unmanned balloon. Chico, California

| Largest balloon built |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aerostat: Winzen |  |  |  | alloon | Volume: | 1353545 m 3 |
| Distance: km | Miles | Duration: | h | min | Altitude: | 51816 meters |
| Source: BF 20:4, Guiness |  |  |  |  |  | ated: 2000-01-23 |



## Date: 1973-01-04 Pilot: Donald A. Cameron 1939- Great Britain <br> Copilot Passengers:

First successful flight of a Hot Air Airship, Bristol.
Bristol.

| Aerostat: Cameron D96. Distance: |  |  |  | Hot Air Airship |  | Volume: | $2718 \mathrm{~m} 3$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | km3, BF 20:4 | Miles | Duration: | h | min | Altitude: |  |
|  |  |  |  |  |  |  |  |


Date: 1973-02-17 Pilot: Dennis Floden
Copilot

| Winner of the First World Hot Air Balloon Championships |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Albuquerque, New Mexico, USA. Feb 10-17, 1973 |  |  |  |  |  |  |
| 32 competitors |  |  |  |  |  |  |
| Aerostat: |  |  |  | Hot Air Balloon | Volume: | m3 |
| Distance: | km | Miles | Duration: | h min | Altitude: | meters |
| Source: BF 20:4 |  |  |  |  |  | 2005-01-19 |



## Date: 1973-06-18 Pilot: Björn Hansen Copilot

## First Hot Air Balloon flight at Spitsbergen

Longyearbyen, tethered flights
Raising funds for volcano victims, Iceland

| Aerostat: Cameron O-84, SE-ZZT, "Andrea" |  |  | Hot Air Balloon | Volume: | 2379 m 3 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Distance: $\quad 0,00 \mathrm{~km}$ | 0 | Miles | Duration: | 0 h | 0 min | Altitude: | meters |
| Source: Log book |  |  |  |  |  | Updated: | $2004-03-29$ |

Date: 1973-08-07 Pilot: Bob Sparks
Copilot Solo flight

## Atlantic attempt.

Bar Harbor to 70 km Northeast St John's





## Date: 1974-03-09 Pilot: Jan Fröjdman Copilot Janne Gästrin <br> Passengers:

Flight with manned paper balloon. Kerosene burner, net by household strings
Flown tethered several times. Montgolfier manned balloons were made by paper AND cotton or silk Built by Jan Fröjdman and Janne Gästrin

| Aerostat: Homebuilt. "Jan²" |  |  | Hot Air Balloon | Volume: |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Distance: | $0,05 \mathrm{~km}$ | 0 | Miles | Duration: | h | min |
| Source: Letter from Fröjdman |  |  |  | Altitude: | 60 meters |  |

Date: 1974-04-20 Pilot: Josef Starkbaum
Copilot

## First crossing of the Alps in a Hot Air Balloon

Salzburg, Austria to Tenetise, Yugoslavia
First complete crossing of the Alps

| Aerostat: Cameron O-77 "Poferl". G-BAMA |  |  | Hot Air Balloon | Volume: |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Distance: $\quad 200,00 \mathrm{~km}$ | 124 | Miles | Duration: | $6 \mathrm{~h} \quad 7 \mathrm{~min}$ | Altitude: |
| Source: Log book, Newspapers |  |  |  |  |  |

Date: 1974-08-06 Pilot: Bob Berger
Copilot Solo flight

## Atlantic attempt.

Lakehurst to Barnegat Bay
Aerostat: "Spirit of Man". Helium Gas Balloon Volume: m3
Distance: $\quad 20,00 \mathrm{~km}$
Source: $\quad$ Ballooning $78: 5 \mathrm{p} 34$, The Eagle Aloft

## Date: 1975-01-06 Pilot: Malcolm Forbes <br> 1920-1990 United States <br> Copilot Tom Heinsheimer <br> Passengers:

## Atlantic attempt.

Santa Ana, California. Aborted

Date: 1975-04-20 Pilot: Sten-Åke Björnstedt
Copilot Jussi Brodd, priest

## Atlantic attempt.

| Cape Cod to 200 km South of Cape Cod |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aerostat: "Odyssey". Helium. |  |  |  |  | Rozière Balloon Volume |  |  | 2832 m3 |
| Distance | 200,00 km | 124 | Miles | Duration: | 18 h | 0 min | Altitude: | meters |
| Source: | ing 78:5 p34, 7 | Aloft |  |  |  |  |  | 1998-06-04 |

Date: 1975-09-27 Pilot: Kingswood Sprott JR
United States
Copilot
Passengers:

## Altitude World record. (AX 8)



## Date: 1975-10-12 Pilot: David Schaffer <br> United States <br> Copilot Passengers:

## 2nd World Hot Air Balloon Championships. 1st place

Albuquerque, New Mexico, USA. 2-12 October 1975
34 competitors

| Aerostat: |  |  |  | Hot Air Balloon | Volume: | m3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Distance: | Miles | Duration: | h | min | Altitude: | meters |
| Source: | Result list |  |  |  |  |  |

