Part S. Stratosphere flights

Flights over 12000 meters and selected other high altitude flights

1900-09-23 Altitude flight
Jacques Balsan
Louis Godard
7925m (26 000ft) in B 1782-1982
Altitude: 8 558 m 28 077 feet Class: AA

1901-07-31 First flight over 10 000 meters.
Arthur Joseph Berson
R. J. Süring
10 800 m 35 433 feet Class: AA 13

1926-01-01 Claimed to be first flight over 12 000 m.
Jean Callizo
False claim. Flew low in an aircraft and drew the barogram himself.
Altitude: 12 442 m 40 820 feet Class: AA

1927-05-04 Altitude flight.
Hawthorne Gray
Pilot left by parachute. Record denied
Altitude: 12 875 m 42 241 feet Class: AA 7

1927-11-04 Altitude flight.
Hawthorne Gray
Pilot died from hypoxia during descent
Altitude: 12 945 m 42 470 feet Class: AA 7

1931-05-27 First flight over 15 000 meters. World record. (AA 14)
Auguste Piccard
Paul Kipfer
World Record
Altitude: 15 781 m 51 775 feet Class: AA 14

1932-08-18 First flight over 16 000 meters. World record (AA 14)
Auguste Piccard
Max Cosyns, BEL. 1906-
Rapperswil 05:07-Wallenstadt-Sargans-Coire-Bernina-Lake Garda
Altitude: 16 201 m 53 153 feet Class: AA 14

1933-09-30 First flight over 18 000 meters. World record. (AA 15)
G. A. Prokofiev
E. K. Birbaum, Godunov
Altitude: 18 514 m 60 741 feet Class: AA 15

1933-11-20 Second flight over 18 000 meters. World record (AA 15)
Thomas G. W. "Tex" Settle
C. L. Fordney
Altitude: 18 665 m 61 237 feet Class: AA 15

© CIA, Hans Åkerstedt
1934-01-30 Altitude flight.
Paul F. Fedoseenko
Gondola separated at altitude. All perished.
Altitude: 21 872 m 71 759 feet Class: AA 15

1934-07-28 Stratosphere flight.
William Elsworth Kepner
Fails at 60 000 ft. All parachute safely. Launch from Stratobowl, Rapid City
Altitude: 18 300 m 60 039 feet Class: AA 15

1934-10-23 First woman in the stratosphere
Jeanette Ridlon Piccard
Altitude research flight
Altitude: 17 550 m 57 579 feet Class: AA 15

1935-11-11 First flight over 22 000 meters. World record (AA 15)
Orvil A. Anderson
Launch at Stratobowl, Rapid City
Altitude: 22 066 m 72 395 feet Class: AA 15

1956-08-10 Stratosphere flight.
Malcolm D. Ross
Open Basket
Altitude: 12 192 m 40 000 feet Class: AA 15

1956-09-24 Stratosphere flight.
H. Froelich
Open Basket
Altitude: 12 802 m 42 000 feet Class: AA 15

1956-11-08 First flight over 23 000 meters.
Malcolm D. Ross
Unofficial Absolute World Record. (AA 15)
Altitude: 23 165 m 76 000 feet Class: AA 15

1957-06-02 Research on human reaction to high altitude flight
Joseph W. Kittinger
Bailout and escape research
Altitude: 29 300 m 96 129 feet Class: AA 15

1957-08-20 Research on human reaction to high altitude flight.
David G. Simons
Crosby, Minnesota to Elm Lake, S. Dakota
Altitude: 30 942 m 101 516 feet Class: AA 15
### Part S. Stratosphere flights

Flights over 12000 meters and selected other high altitude flights

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Altitude (m)</th>
<th>Altitude (feet)</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>1957-10-18</td>
<td>Unofficial two-man altitude record. (AA 15) Malcolm D. Ross</td>
<td>26 121</td>
<td>85 700</td>
<td>AA 15</td>
</tr>
<tr>
<td>1958-10-08</td>
<td>Research on human reaction to high altitude flight. (AA 15) Clifton McClure</td>
<td>30 175</td>
<td>99 000</td>
<td>AA 15</td>
</tr>
<tr>
<td>1959-11-16</td>
<td>High altitude parachute jump. Joseph W. Kittinger</td>
<td>23 287</td>
<td>76 400</td>
<td>AA 15</td>
</tr>
<tr>
<td>1959-11-28</td>
<td>Observation of Venus with telescope and spectrograph Malcolm D. Ross</td>
<td>24 689</td>
<td>81 000</td>
<td>AA 15</td>
</tr>
<tr>
<td>1959-12-11</td>
<td>High altitude parachute jump. Joseph W. Kittinger</td>
<td>22 770</td>
<td>74 705</td>
<td>AA 15</td>
</tr>
<tr>
<td>1960-08-16</td>
<td>Highest known successful parachute jump. Joseph W. Kittinger</td>
<td>31 333</td>
<td>102 800</td>
<td>AA 15</td>
</tr>
</tbody>
</table>
Part S. Stratosphere flights

Flights over 12000 meters and selected other high altitude flights

1966-05-01 Altitude flight.
Nicholas Piantanida
Pilot parachutes, loosens oxygen at 17000m. Dies from hypoxia
Altitude: 38 100 m 125 000 feet Class: AA 15

1972-10-27 Highest altitude attained by unmanned balloon. Chico, California

Largest balloon built
Altitude: 51 816 m 170 000 feet Class: AA 15

1975-09-27 Altitude World record. (AX 8)
Kingswood Sprott JR

Altitude: 11 823 m 38 789 feet Class: AX 8

1979-08-01 Altitude World record. AX 9
Chauncey M. Dunn
Indianola, Iowa
Altitude: 16 154 m 53 000 feet Class: AX 9

1980-10-31 Altitude World record, AX 12
Julian R. P. Nott
Longmont to Woodrow, Colorado
Altitude: 16 805 m 55 135 feet Class: AX 12

1983-06-08 Altitude World record. AX 8
Josef Starkbaum
Lole, Austria
Altitude: 13 670 m 44 849 feet Class: AX 8

1984-06-19 Altitude World record. AX 7
Josef Starkbaum
Tauplitz to Feistritzgraben, Austria
Altitude: 12 375 m 40 600 feet Class: AX 7

1988-06-06 Highest altitude reached by a Hot Air Balloon. World record AX 14
Per Axel Lindstrand
Laredo, Texas.
Altitude: 19 811 m 64 997 feet Class: AX 14

1988-11-13 Altitude World record, AX 7
Michio Kanda
Kamioka-machi, Yoshiki-Gun, Gifu-ken (Japan)
Altitude: 12 910 m 42 356 feet Class: AX 7
Part S. Stratosphere flights
Flights over 12000 meters and selected other high altitude flights

1995-07-08 Altitude World record, AX 7
Josef Starkbaum
Dimbach to Thurnau, Austria
Altitude: 14 018 m 45 991 feet Class: AX 7

1996-06-12 Altitude World record, AX 6
Josef Starkbaum
Heilbrunn to Edelberg, Austria
Altitude: 12 326 m 40 440 feet Class: AX 6

1998-07-21 Altitude World record, AX 8
Josef Starkbaum
Stolzalpe to Knittelfeld, Austria
Altitude: 15 011 m 49 249 feet Class: AX 8

Bertrand Piccard
Château d'Oex, Switzerland to Dakhla, Egypt.
Altitude: 11 737 m 38 507 feet Class: AM 15

2005-11-26 World altitude record, AX 15
Vijaypat Singhana
Mahalaxmi Race Course, Mumbai to Devpur Panchale, Sinnar Taluka, Maharashtra, India
Altitude: 21 027 m 68 986 feet Class: AX 15

2012-10-14 Worlds highest parachute jump. 3 Parachute World records
Felix Baumgartner
Ground crew included Joe Kittinger
Roswell, New Mexico, USA
Altitude: 38 969 m 127 852 feet Class: AA 15