

Date: **1852-06-10** Pilot: **John Wise** 1808-1879 **United States**
 Copilot Passengers:
First discovery of ancient structures by aerial observation.
 Chillicothe, Ohio.
 Aerostat: Gas Balloon Volume: m3
 Distance: km Miles Duration: h min Altitude: meters
 Source: Ballooning 1782-1972 Updated: 1996-04-15

Date: **1852-09-13** Pilot: **Charles Green** 1785-1870 **Great Britain**
 Copilot Passengers:
First pilot to make 500 ascents
 First ascent July 19th, 1821. Total number of flights 526-527. (Some sources say over 1400)
 Aerostat: Gas Balloon Volume: m3
 Distance: km Miles Duration: h min Altitude: meters
 Source: Ballooning 1782-1972, The Aeronauts, History of Aeronautics in Great Britain. Updated: 1996-04-15

Date: **1852-09-24** Pilot: **Henri Giffard** 1825-1882 **France**
 Copilot Passengers:
First successful airship flight.
 Hippodrome, Paris to Elancourt, near Trappes
 Aerostat: Giffard. Coal gas. Semi-Rigid Airship Volume: 2 500 m3
 Distance: 40,00 km 25 Miles Duration: h min Altitude: 1 800 meters
 Source: Ballooning 78:2 p 11, Histoire de l'Aeronautique, Historic Airships Updated: 1996-04-15

Date: **1858-** Pilot: **Gaspard-Félix Tournachon ("Nadar")** 1820-1910 **France**
 Copilot Passengers:
First aerial photograph.
 Petit-Bicêtre, Paris
 Aerostat: Gas Balloon Volume: m3
 Distance: km Miles Duration: h min Altitude: meters
 Source: Ballooning 1782-1972 Updated: 1996-04-15

Date: **1858-** Pilot: **Eugène Godard** **France**
 Copilot Passengers:
First documented Hot Air Balloon competition
 Duel between Eugène Godard and Mr Steiner, USA
 Godard wins with 373 km
 Aerostat: Hot Air Balloon Volume: m3
 Distance: 373,00 km 232 Miles Duration: 0 h 0 min Altitude: meters
 Source: High Flyers, p45 Updated: 2008-09-03

Date: **1859-** Pilot: **Thaddeus Sobieski Constantine Lowe** 1832-1913 **United States**
 Copilot Passengers:
Atlantic balloon. New York gas supply is inadequate.
 Balloon later renamed "Great Western"
 Aerostat: "City of New York". Coal gas. Gas Balloon Volume: 20 500 m3
 Distance: km Miles Duration: h min Altitude: meters
 Source: Ballooning 1782-1972, Thaddeus Lowe, The Eagle Aloft. Updated: 2002-07-30

Date: **1859-** Pilot: **France**
 Copilot Passengers:
Earliest known photo of an aerostat.
 Industry exhibition, Paris.
 Photo of dirigible constructed by Camille Vert
 Aerostat: "Camille Vert" Airship Volume: m3
 Distance: km Miles Duration: h min Altitude: meters
 Source: Histoire de l'Aeronautique Updated: 1998-06-07

Date: 1859-07-02	Pilot: John Wise	1808-1879	United States
Copilot John La Mountain	Passengers: Mr Gager, Mr Hyde		
First flight over 1 000 km.			
St. Louis to Henderson, New York.			
Distance 809 mi (1302) or 1292			
Aerostat: "The Atlantic"	Gas Balloon	Volume:	3 400 m3
Distance: 1 292,00 km	803 Miles	Duration: 20 h 40 min	Altitude: meters
Source: Ballooning 1782-1972, Freiballonsport in Deutschland P8, GB92		Updated:	2001-10-22
Date: 1859-09-22	Pilot: John La Mountain	1830-1878	United States
Copilot J. A. Haddock	Passengers:		
Long distance flight.			
Watertown, New York to 150 miles north of Ottawa.			
Landed in Canadian wilderness. Returned after one month.			
Aerostat: "The Atlantic"	Gas Balloon	Volume:	3 400 m3
Distance: 410,00 km	255 Miles	Duration: 14 h 0 min	Altitude: meters
Source: Ballooning 1782-1972		Updated:	1996-04-15
Date: 1861-04-20	Pilot: Thaddeus Sobieski Constantine Lowe	1832-1913	United States
Copilot	Passengers:		
First flight over 1 000 miles. (False claim)			
Cincinnati to Pea Ridge, S Carolina. To prove possibility of Atlantic flight.			
False claim. Max 700km straight line, 1000km total. Intermediate landing 600 (800) km			
Aerostat: "Enterprise"	Gas Balloon	Volume:	567 m3
Distance: 1 000,00 km	621 Miles	Duration: 9 h 0 min	Altitude: 3 300 meters
Source: Ballooning 1782-1972, Thaddeus Lowe, The Eagle Aloft		Updated:	2002-03-02
Date: 1861-06-18	Pilot: Thaddeus Sobieski Constantine Lowe	1832-1913	United States
Copilot Herbert Robinson, telegraph operator	Passengers:		
First telegraph message from the air.			
To President Lincoln			
Aerostat: "Enterprise"	Gas Balloon	Volume:	567 m3
Distance: km	Miles	Duration: 1 h 0 min	Altitude: meters
Source: Ballooning 1782-1972, Thaddeus Lowe, The Eagle Aloft		Updated:	1996-04-15
Date: 1861-07-16	Pilot: John Wise	1808-1879	United States
Copilot	Passengers:		
First military aircraft.			
John Wise builds basket with sheet-iron floor.			
Aerostat: Wise	Gas Balloon	Volume:	m3
Distance: km	Miles	Duration: h min	Altitude: meters
Source: Ballooning 1782-1972		Updated:	1996-07-30
Date: 1862-09-05	Pilot: James Glashier	1809-1903	Great Britain
Copilot Henry Tracey Coxwell	Passengers:		
First flight over 9 000 meters.			
From Wolverhampton			
Pilots loose consciousness but survive. FB p8: 10 000. H del'A: >8000			
Aerostat: "Mammoth". Coal gas.	Gas Balloon	Volume:	2 634 m3
Distance: km	Miles	Duration: h min	Altitude: 9 144 meters
Source: Ballooning 1782-1972, Freiballonsport in Deutschland, History of Aeronautics in Great Britain		Updated:	1998-06-04
Date: 1863-10-19	Pilot: Gaspard-Félix Tournachon ("Nadar")	1820-1910	France
Copilot Louis and Jules Godard	Passengers: Mme Nadar, E d'Arnoult, Saint-Félix, de Montgolfier, Thirion		
Stormy flight by "Nadar's" "Le Geant".			
Paris to Hannover			
Aerostat: "Le Geant"	Gas Balloon	Volume:	6 000 m3
Distance: 640,00 km	398 Miles	Duration: 16 h 0 min	Altitude: meters
Source: Ballooning 1782-1972, Freiballonsport in Deutschland, The Aeronauts, Histoire de Ballons, Doll		Updated:	1996-10-27

Date: 1864-06-	Pilot: Eugène Godard	1827-1890 France
Copilot	Passengers:	
Ascents of "L'Aigle" 14 000 m3.		
In London 1965		
Aerostat: Godard, "L'Aigle"	Hot Air Balloon	Volume: 14 000 m3
Distance: km	Miles	Duration: h min
Altitude: meters		
Source: Ballooning 1782-1972, Icare 105, History of Aeronautics in Great Britain		Updated: 1998-06-06

Date: 1865-11-08	Pilot: Thaddeus Sobieski Constantine Lowe	1832-1913 United States
Copilot	Passengers: Dr John F Boynton and his Fiancée	
First balloon honeymoon.		
Manhattan to Mt Vernon. NY		
Rev H. W. Beecher refused to perform the planned wedding ceremony aloft.		
Aerostat: "United States"	Gas Balloon	Volume: m3
Distance: 20,00 km	12 Miles	Duration: h min
Altitude: meters		
Source: Thaddeus Lowe, The Eagle Aloft		Updated: 1998-06-07

Date: 1867-	Pilot: Henri Giffard	1825-1882 France
Copilot	Passengers:	
Ballon Captif at Exposition Universelle in Paris		
Aerostat: Giffard, Hydrogen	Gas Balloon	Volume: 5 000 m3
Distance: km	Miles	Duration: h min
Altitude: meters		
Source: Histoire des Ballons, Histoire de L'Aeronautique		Updated: 1996-10-27

Date: 1868-	Pilot: Henri Giffard	1825-1882 France
Copilot	Passengers:	
Ballon Captif in London		
Aerostat: Giffard, Hydrogen	Gas Balloon	Volume: 10 500 m3
Distance: km	Miles	Duration: h min
Altitude: meters		
Source: Histoire des Ballons, Histoire de L'Aeronautique		Updated: 1996-10-27

Date: 1869-	Pilot: Henri Giffard	1825-1882 France
Copilot	Passengers:	
Ballon Captif in London		
Aerostat: Giffard, Hydrogen	Gas Balloon	Volume: 12 000 m3
Distance: km	Miles	Duration: h min
Altitude: meters		
Source: Histoire des Ballons, Histoire de L'Aeronautique		Updated: 1996-10-27

Date: 1870-03-26	Pilot: Charles Green	1785-1870 Great Britain
Copilot	Passengers:	
Charles Green dies.		
Has made 526 flights. (527 according History of Aeronautics p260)		
Aerostat:	Gas Balloons	Volume: m3
Distance: km	Miles	Duration: h min
Altitude: meters		
Source: History of Aeronautics		Updated: 1996-07-30

Date: 1870-09-23	Pilot: Claude-Jules Durouf (Dufour)	1841-1898 France
Copilot	Passengers:	
First balloon to leave Paris during the siege		
125 kg mail		
Aerostat: "Le Neptune"	Gas Balloon	Volume: 1 495 m3
Distance: 60,00 km	37 Miles	Duration: 3 h 0 min
Altitude: meters		
Source: Ballooning 1782-1972		Updated: 1996-07-30

Date: 1870-11-24	Pilot: Paul Rolier	1844-1918	France
Copilot Léonard Bézier	Passengers:		
First North Sea crossing.			
Paris to Lifjell, Norway			
One of 66 balloons to leave Paris during the Siege			
Aerostat: "La Ville d'Orleans"	Gas Balloon	Volume:	1 994 m3
Distance: 1 246,00 km	774 Miles	Duration: 14 h 45 min	Altitude: meters
Source: Ballooning 1782-1972, Icare 56			Updated: 1998-06-06

Date: 1871-01-28	Pilot: Auguste Tristan		France
Copilot	Passengers:		
Last balloon to leave Paris during the siege			
66 manned, one unmanned left Paris during the siege			
20 kg mail and many carrier pigeons			
Aerostat: "Le General Cambronne"	Gas Balloon	Volume:	1 994 m3
Distance: 140,00 km	87 Miles	Duration: 7 h 0 min	Altitude: meters
Source: Paris Par Moulins, Icare 56			Updated: 1998-06-06

Date: 1872-12-13	Pilot: Paul Hânlein	-1905	Austria
Copilot	Passengers:		
First use of internal gas combustion engine for dirigible			
Berlin			
Aerostat: Hânlein	Gas Airship	Volume:	2 400 m3
Distance: km	Miles	Duration: h min	Altitude: meters
Source: Histoire de l'Aeronautique			Updated: 1998-06-07

Date: 1873-10-06	Pilot: Washington Harrison Donaldson	1840-1875	United States
Copilot Alfred Ford, George Ashton Hunt	Passengers:		
Atlantic attempt.			
Capitoline Grounds, Brooklyn to New Canaan, Connecticut			
Aerostat: "New Graphic"	Gas Balloon	Volume:	8 495 m3
Distance: 65,00 km	40 Miles	Duration: 4 h 0 min	Altitude: meters
Source: Ballooning 1782-1972, Donaldson's Balloon Ascensions, The Eagle Aloft			Updated: 1996-04-15

Date: 1874-10-19	Pilot: Washington Harrison Donaldson	1840-1875	United States
Copilot Rev, Howard B Jeffries	Passengers: Mary E Walsh and Charles M Colton. Anna Yates, W C Coup		
First aerial Wedding.			
Cincinnati Hippodrome			
50 000 spectators witnessed the ascent			
Aerostat: "P. T. Barnum"	Gas Balloon	Volume:	1 416 m3
Distance: km	Miles	Duration: h min	Altitude: meters
Source: Ballooning 1782-1972, Donaldson's Balloon Ascensions, The Eagle Aloft			Updated: 1996-04-15

Date: 1875-03-25	Pilot: Eugène Godard	1827-1890	France
Copilot	Passengers:		
First crossing of the Pyrénée Mountains			
Aerostat:	Gas Balloon	Volume:	m3
Distance: km	Miles	Duration: h min	Altitude: meters
Source: Icare 105			Updated: 1998-06-06

Date: 1875-04-15	Pilot: Gaston Tissandier	1843-1899	France
Copilot Théodore Sivel, Joesph Croce-Spinelli	Passengers:		
Altitude flight. Sivel and Croce-Spinelli dies.			
Aerostat: "Zenith"	Gas Balloon	Volume:	m3
Distance: km	Miles	Duration: h min	Altitude: 9 144 meters
Source: Ballooning 1782-1972			Updated: 1996-04-15

Date: 1877-05-21	Pilot: Baba Shimpachi						Japan
Copilot				Passengers:			
First gas balloon flight in Japan, tethered							
At Tsukiji Tokyo, Japan							
Aerostat: Homebuilt gas balloon, hydrogen				Gas Balloon		Volume:	382 m3
Distance:	km	Miles	Duration:	h	min	Altitude:	meters
Source:	Sabu Ichiyoshi 2002-01-26					Updated:	2002-01-30

Date: 1878-	Pilot: Henri Giffard						1825-1882 France
Copilot				Passengers: Maximum 50			
Ballon Captif at Cour du Carrousel in Paris							
Carried 35.000 passengers between 10 july and 4 Nov							
Aerostat: Giffard, Hydrogen				Gas Balloon		Volume:	25 000 m3
Distance:	km	Miles	Duration:	h	min	Altitude:	meters
Source:	Histoire des Ballons, Histoire de L'Aeronautique, Le Grand Ballon a Vapeur					Updated:	1996-10-27

Date: 1880-June	Pilot: Henry Coxwell						1819-1900 Great Britain
Copilot				Passengers:			
First pilot to make 1000 gas balloon ascents							
Henry Coxwell probably made around 1100 flights total							
Last flight 17th June 1885							
Aerostat:				Gas Balloons		Volume:	m3
Distance:	km	Miles	Duration:	h	min	Altitude:	meters
Source:	Der Freiballon Aktuell 90:6, History of Aeronautics in Great Britain, Ballooning 1782-1972					Updated:	1996-07-30

Date: 1882-07-04	Pilot: Park A. Van Tassel						United States
Copilot	Reporter Mr. Moore could not fly due lack of li			Passengers:			
First balloon flight in New Mexico							
From Gold/2nd street at 18:15 to a cornfield near Fairgrounds, Old Town							
Van Tassel was a Barkeeper and called himself a "Professor"							
Aerostat: "City of Albuquerque". Coal gas				Gas Balloon		Volume:	850 m3
Distance:	0,00 km	0 Miles	Duration:	0 h	0 min	Altitude:	4 330 meters
Source:	The Sunday Journal, Oct 10, 1999					Updated:	2004-03-28

Date: 1884-08-09	Pilot: Charles Renard						1847-1905 France
Copilot	Arthur-Konstantin Krebs 1847-1935			Passengers:			
First controlled airship flight.							
Chalais-Meudon to Villacoublay and return							
Electric engine. Top speed about 20 kmh							
Aerostat: Renard-Krebs "La France"				Gas Airship		Volume:	1 864 m3
Distance:	8,00 km	5 Miles	Duration:	0 h	23 min	Altitude:	meters
Source:	Histoire de l'Aeronautique, Who's Who A, Historic Airships					Updated:	1998-06-07

Date: 1885-	Pilot: François-Louis Godard						1829-1885 France
Copilot				Passengers:			
Considered to have made over 1000 gas balloon ascents							
Brother of Pierre-Eugène and Jules Godard							
Aerostat:				Gas Balloons		Volume:	m3
Distance:	km	Miles	Duration:	h	min	Altitude:	meters
Source:	Der Freiballon Aktuell 90:6					Updated:	1998-06-06

Date: 1885-	Pilot: Jules Godard						1839-1885 France
Copilot				Passengers:			
Considered to have made over 1000 gas balloon ascents							
Brother of Pierre-Eugène and François-Louis Godard							
Aerostat:				Gas Balloons		Volume:	m3
Distance:	km	Miles	Duration:	h	min	Altitude:	meters
Source:	Der Freiballon Aktuell 90:6					Updated:	1998-12-16

Date: 1886-09-13	Pilot: Henry Hervé	-1922	France
Copilot: Gaston Alluard	Passengers:		
First flight over 24 hours.			
Boulogne to Yarmouth			
From Boulogne-Sur-Mer to Great Yarmouth			
Aerostat:	Gas Balloon	Volume:	m3
Distance: 210,00 km 130 Miles	Duration: 24 h 10 min	Altitude:	meters
Source: Ballooning 1782-1972, Freiballonsport in Deutschland, Dollfus		Updated:	1998-12-16
Date: 1889-11-17	Pilot: Louis Godard	1858-1933	France
Copilot	Passengers: 19 passengers		
Twenty persons in a free balloon			
Free flight after tether at Place Trocadero, Paris			
Aerostat: Coal gas	Gas Balloon	Volume:	3 000 m3
Distance: 41,00 km 25 Miles	Duration: h min	Altitude:	meters
Source: FFA		Updated:	1998-12-16
Date: 1890-	Pilot: Pierre-Eugène Godard	1827-1890	France
Copilot	Passengers:		
Considered to have made over 1000 gas balloon ascents			
Brother of François-Louis and Jules Godard			
Aerostat:	Gas Balloons	Volume:	m3
Distance: km Miles	Duration: h min	Altitude:	meters
Source: Der Freiballon Aktuell 90:6		Updated:	1998-06-06
Date: 1890-03-04	Pilot: Eduard Spelterini (Schweizer)	1852-1931	Switzerland
Copilot	Passengers:		
First gas balloon flight in Egypt			
Cairo			
Aerostat: "Urania", hydrogen	Gas Balloon	Volume:	1 500 m3
Distance: 0,00 km 0 Miles	Duration: 0 h 0 min	Altitude:	meters
Source: Schweizer Luftfahrt, EA Sautter		Updated:	2005-01-21
Date: 1890-09-19	Pilot: Eduard Spelterini (Schweizer)	1852-1931	Switzerland
Copilot	Passengers: Tibertini, Cattaneo, Treves and Baron de Angelis		
First flight in Naples, Italy			
Made 3 flights 19, 21 and 28 September 1890 in Naples			
Last flight was over Vesuvius			
Aerostat: "Urania", hydrogen	Gas Balloon	Volume:	1 500 m3
Distance: 0,00 km 0 Miles	Duration: 1 h 0 min	Altitude:	2 100 meters
Source: "Roma", EA Sautter		Updated:	2005-01-20
Date: 1894	Pilot: Ludwig Knie		Switzerland
Copilot: Friedrich Knie (son of Ludwig Knie)	Passengers:		
First Hot Air Balloon in Switzerland			
Demonstration of circus stunts under a hot air balloon			
Aerostat:	Gas Balloon	Volume:	m3
Distance: 0,00 km 0 Miles	Duration: 0 h 0 min	Altitude:	meters
Source: Erwin A. Sautter (Ill. Circus-Zeitung 1938)		Updated:	2002-03-13
Date: 1897-07-11	Pilot: Salomon August Andrée	1854-1897	Sweden
Copilot: Nils Strindberg, Knut Fraenkel	Passengers:		
First manned arctic flight, first aerial exploration.			
From Danskön, Svalbard to 82.55,7N 29.32E.			
Remains of expedition was found 1930. All had perished 1897			
Aerostat: Lachambre. "Örnen", hydrogen.	Gas Balloon	Volume:	4 800 m3
Distance: 475,00 km 295 Miles	Duration: 65 h 35 min	Altitude:	meters
Source: Ingen fruktan, inget hopp, The flight of the Eagle		Updated:	1996-04-15

Date: **1897-10** Pilot: **Louis Godard** 1858-1933 **France**
 Copilot Passengers:
Flight over 24 hours
 From Leipzig to Tarnau in Silesia
 Aerostat: Hydrogen Gas Balloon Volume: 3 250 m3
 Distance: 325,00 km 202 Miles Duration: 24 h 15 min Altitude: meters
 Source: FFA Updated: 1998-12-16

Date: **1897-11-03** Pilot: **Ernst Jaegels** **Germany**
 Copilot Passengers:
First flight of a rigid (metal outer cover) airship.
 Unsuccessful flight, transmission failure
 Aerostat: David Schwartz No 2 Rigid Airship (Metalcl Volume: 3 700 m3
 Distance: km Miles Duration: h min Altitude: 250 meters
 Source: Rigid Airships 1893-1940 Updated: 1998-06-06

Date: **1898-10-03** Pilot: **Eduard Spelterini (Schweizer)** 1852-1931 **Switzerland**
 Copilot Albert Heim, Julius Maurer, Dr. Biedermann Passengers:
First flight over the Swiss Alps
 Sion, Switzerland to Rivi re-le-Bois (56 km NE Dijon), France
 Crossing Les Diablerets peaks, Switzerland
 Aerostat: "Wega" Gas Balloon Volume: 3 248 m3
 Distance: 220,00 km 137 Miles Duration: 5 h 45 min Altitude: 6 888 meters
 Source: UH95, BF 20:6, EA Sautter Updated: 2005-01-20

Date: **1899-06-12** Pilot: **France**
 Copilot Passengers:
First modern ballooning competition. Coupe des A ronautes
 Organised by the newspaper "France-Automobile"
 Aerostat: Volume: m3
 Distance: 0,00 km 0 Miles Duration: 0 h 0 min Altitude: meters
 Source: High Flyers, p49 Updated: 2008-09-03

Date: **1899-11-08** Pilot: **Eduard Spelterini (Schweizer)** 1852-1931 **Switzerland**
 Copilot Passengers:
First gas balloon flight in Rumania
 Bucharest
 Aerostat: "Urania", hydrogen Gas Balloon Volume: 1 500 m3
 Distance: 0,00 km 0 Miles Duration: 0 h 0 min Altitude: meters
 Source: Schweizer Luftfahrt, EA Sautter Updated: 2005-01-21

Date: **1900-07-02** Pilot: **Ferdinand Adolf August von Zeppelin, Count** 1838-1917 **Germany**
 Copilot Von Bassus, E Wolff, Eisele, Gross Passengers:
First successful flight of a rigid airship
 Aerostat: Zeppelin LZ 1. Hydrogen. Rigid Airship Volume: 11 300 m3
 Distance: km Miles Duration: 0 h 18 min Altitude: meters
 Source: Giants in the Sky, Zeppelin Rigid Airships 1893-1940, Updated: 1996-04-15

Date: **1900-09-20** Pilot: **Henri de La Vaulx, Count** 1870-1930 **France**
 Copilot Passengers:
First flight from France to Russia.
 Long distance
 Count de la Vaulx was founder of FAI
 Aerostat: Gas Balloon Volume: m3
 Distance: 1 237,00 km 769 Miles Duration: h min Altitude: meters
 Source: Ballooning 1782-1972 Updated: 2005-01-20

Date: **1900-09-23** Pilot: **Jacques Balsan** 1870?-193 **France**
Copilot Louis Godard Passengers:
Altitude flight
7925m (26 000ft) in B 1782-1982
Aerostat: "Le Saint Louis"
Distance: km Miles Duration: Gas Balloon Volume: 3 000 m3
h min Altitude: 8 558 meters
Source: Ballooning 1782-1972, Who's Who B, FFA Updated: 1998-12-16

Date: **1900-10-09** Pilot: **Henri de La Vaulx, Count** 1870-1930 **France**
Copilot Count de Castillon de Saint-Victor Passengers:
Long distance flight.
France to Kiev
Founder of FAI
Aerostat: "Centaure"
Distance: 1 925,00 km 1 196 Miles Duration: Gas Balloon Volume: m3
35 h 45 min Altitude: meters
Source: Ballooning 1782-1972 Updated: 2005-01-20
