

<b>1709-08-08</b>	<b>Earliest recorded model balloon flight</b> <b>Bartholomeu Lourenço de Gusmão<sup>1</sup></b>		
	Gusmão	Volume:	m3
<b>1782-11-25/</b>	<b>First experiment by Montgolfier.</b> <b>Joseph-Michel Montgolfier<sup>1</sup></b> At 18, rue Saint-Etienne, Avignon Fire made of paper Montgolfière No 1. Silk cube.	Volume:	1 m3
<b>1782-12-</b>	<b>First outdoor flight.</b> <b>Joseph &amp; Étienne Montgolfier<sup>1</sup></b> Paper factory garden in Vidalon-les-Annonay Fire made of straw and humid wool. Montgolfière No 2. Cylinder.	Volume:	1 m3
<b>1782-12-14</b>	<b>First free flight with a model balloon</b> <b>Joseph &amp; Étienne Montgolfier<sup>1</sup></b>		
	Montgolfière No 3. Silk sphere.	Volume:	18 m3
<b>1783-04-</b>	<b>Tethered experiments.</b> <b>Joseph &amp; Étienne Montgolfier<sup>1</sup></b> Château de Brogieux, Annonay Fire made of straw and humid wool. Montgolfière No 4. Linen & paper sphere.	Volume:	800 m3
<b>1783-04-25</b>	<b>First free flight at night.</b> <b>Joseph &amp; Étienne Montgolfier<sup>1</sup></b> Château du Colombier, Annonay. Fire made of straw and humid wool. Montgolfière No 4. Linen & paper sphere.	Volume:	800 m3
<b>1783-06-04</b>	<b>First public demonstration, free flight.</b> <b>Joseph &amp; Étienne Montgolfier<sup>1</sup></b> Place des Cordeliers, Annonay. Fire made of straw and humid wool. Montgolfière No 4. Linen & paper sphere.	Volume:	800 m3
<b>1783-08-27</b>	<b>First Free flight by gas balloon.</b> <b>Jacques Alexandre César Charles &amp; Robert brothers<sup>1</sup></b> Public demonstration. Champ de Mars, Paris - Gonesse 15 km NE Paris. Balloon destroyed by scared villagers. Charlière No 1. Rubberized silk sphere. Hydrogen.	Volume:	35 m3

- 1783-09-12 Tethered flight. Demonstration for Scientific commission.**  
**Jacques-Étienne Montgolfier<sup>1</sup>**  
 Réveillon, Paris  
 Fire made of straw, humid wool and animal parts.  
 Montgolfière No 5. Paper covered linen. Biconical  
 Volume: 1 000 m3
- 1783-09-19 First free flight with animals.**  
**Jacques-Étienne Montgolfier<sup>1</sup>**  
 From the Royal Court at Versailles to Vaucresson  
 Fire made of straw, humid wool and animal parts.  
 Montgolfière No 6. Painted cotton  
 Volume: 1 400 m3
- 1783-10- Tethered flight.**  
**Jacques-Étienne Montgolfier<sup>1</sup>**  
 Reveillon, Paris  
 Airborne heater fired by dried straw.  
 Montgolfière No 7. Painted fire resistant cotton.  
 Volume: 2 200 m3
- 1799-07-18 First balloon flight north of the arctic circle**  
**Edward Daniel Clarke<sup>1</sup>**  
 Enontekiö, northern Finland. (N68.23, E23.38). Until 1809 a part of Sweden  
 Unmanned hot air balloon. Clarke was an English mineralogist and traveller  
 Hot air balloon  
 Volume: m3
- 1804-12-06 Unmanned balloons released to celebrate Napoleon's coronation.**  
**André Jacques Garnerin<sup>1</sup>**  
 One lands in Rome on Nero's grave.  
 Garnerin replaced as official aeronaut by superstitious Napoleon. Date sometimes given as 16/12  
 Unmanned. Hydrogen.  
 Volume: m3
- 1808-06-02 First domestic air mail service starts in Denmark.**  
**Johann Peter Colding<sup>1</sup>**  
 Ends after four unmanned flights  
 Colding. Hydrogen balloon. Unmanned  
 Volume: m3
- 1809-02/03 First international mail balloons.**  
**Johann Peter Colding<sup>1</sup>**  
 Denmark to Sweden with pamphlets against the Swedish King  
 Colding. Hydrogen balloon. Unmanned  
 Volume: m3
- 1849-06- Austrians load 100 small hot air balloons with fused bombs**  
 Siege of Venice  
 Unmanned.  
 Volume: m3

<b>1909-xx-xx</b>	<b>Radio-controlled airship model demonstration</b> <b>Mark O. Anthony</b>		
		Volume:	m3
<b>1910-08-22</b>	<b>Radio-controlled airship model demonstration.</b> <b>Raymond Phillips</b> Empire theatre, Cardiff		
	"Raymond Phillips"	Volume:	8 m3
<b>1956-05-xx</b>	<b>Logging by balloon tested in Sweden</b>		
	Old WW II barrage balloons used Found uneconomical in Sweden. Terrain more suitable for road transport British Barrage balloon, hydrogen	Volume:	500 m3
<b>1968-01-02</b>	<b>Unmanned balloon GHOST 70201K landed</b>		
	Made 32 earth orbits in 351 days	Volume:	m3
<b>1972-10-27</b>	<b>Highest altitude attained by unmanned balloon. Chico, California</b>		
	Largest balloon built  Winzen	Volume:	1 353 545 m3
<b>Unknown</b>	<b>Largest unmanned balloon. Unknown date</b>		
	Winzen	Volume:	2 002 001 m3
<b>1973-03-14</b>	<b>Test with logging balloons to load/offload ships</b>		
	Balloon Trans-Air conducts test for Department of Defence 20 000 lb / 9 000 kg lifted 1 500 ft. Culp Creek, Oregon Raven, Helium	Volume:	15 008 m3
<b>1994-08-27</b>	<b>World record toy balloon launch.</b> <b>Lucius Peart<sup>1</sup></b> 1 592 744 balloons released.		
		Volume:	m3