

2) LIGHTER THAN AIR - BALLOONS

2.1) BARTOLOMEU DE GUSMAO (1709)

Bartolomeu de Gusmão petitioned King John V of Portugal for support for his invention of an airship. Aerostat model balloon experiment: on 8 August 1709 Gusmão gave a public exhibition in Lisbon when he propelled a ball to the roof by combustion.



2.2) MONTGOLFIER BROTHERS - FIRST HOT AIR BALLOONS (1783)

Joseph Michel Montgolfier & Jacques Etienne Montgolfier were inventors of the first hot air balloon. Smoke from a fire to blow hot air into a silk bag was used. The silk bag was attached to a basket. The hot air then rose and allowed the balloon to be lighter-than-air. 1783 'Le Martial' - The first passengers in a Montgolfier balloon were a sheep, rooster, and duck.

Montgolfier Balloon 15 October 1783 - Tethered flight with passengers Pilatre de Rozier and the Marquis D'Arlandes



Postcard published by St. Kitts Philatelic Bureau

2.3) DEVELOPMENT OF AIR BALLOONS

1798 Pierre Testu-Brissy - Ascent on horseback.



1861 Intrepid - A hydrogen gas balloon built for use of the Union Army Balloon Corps during the American Civil War.



1935 Stratosphere balloon Explorer II.

2.4) MODERN AIR BALLOONS

Modern hot air balloon festival.

