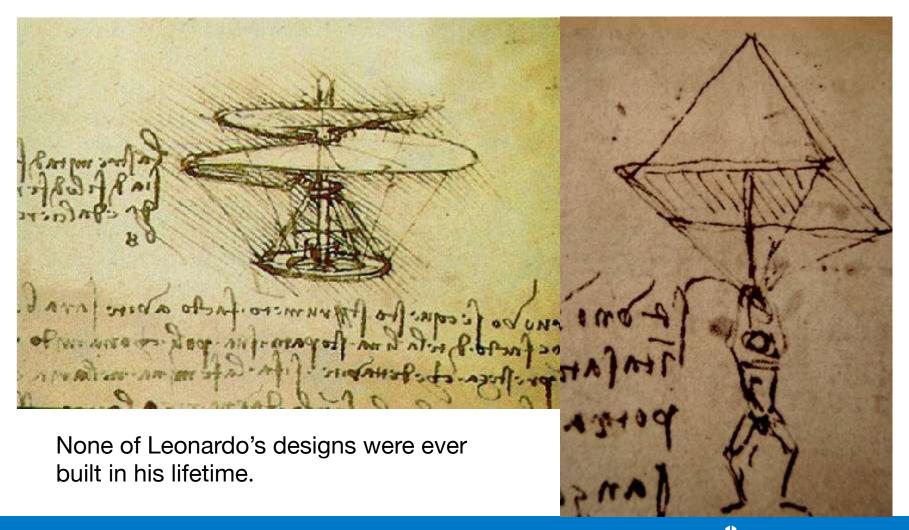
Flight Part 3





Leonardo DaVinci

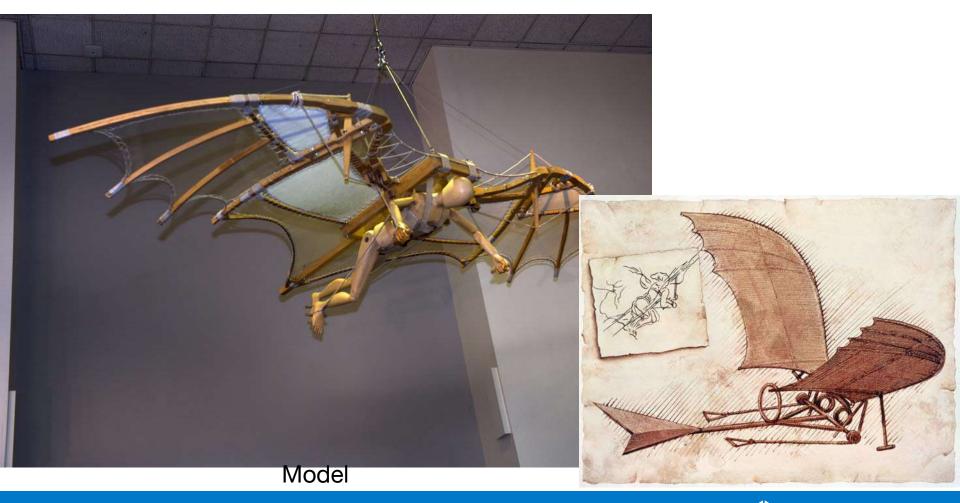
First rational designs, but not very scientific.





Da Vinci's Ornithopter

His most famous design, inspired by bird flight.





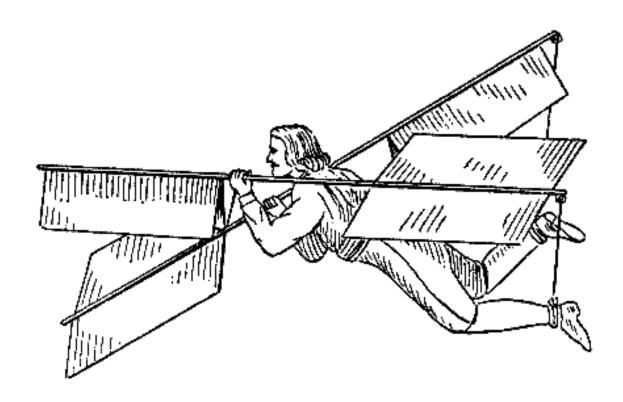
British parachutist Adrian Nicholas proved in 2000 that Da Vinci's parachute works. He used his wood and cloth replica successfully to drop from a balloon 3 km in the air!





Besnier, 1678

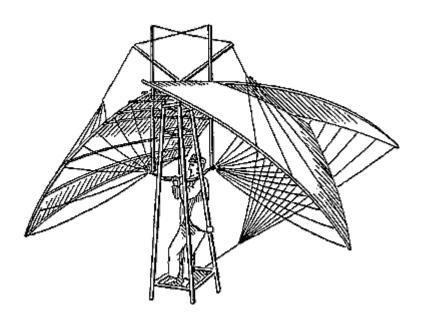
Tried to impress the King of France but crashed and got badly hurt.



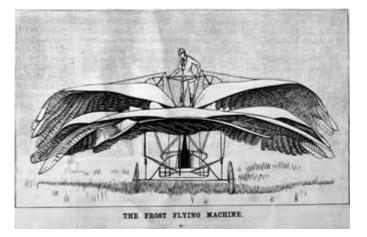


Other Flying Machines

(none successful!)



De Groof, 1864



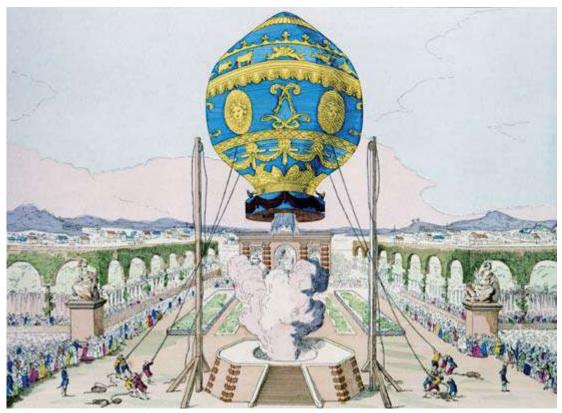
Frost, 1890s

Ritchell, 1878



Success! With balloons!





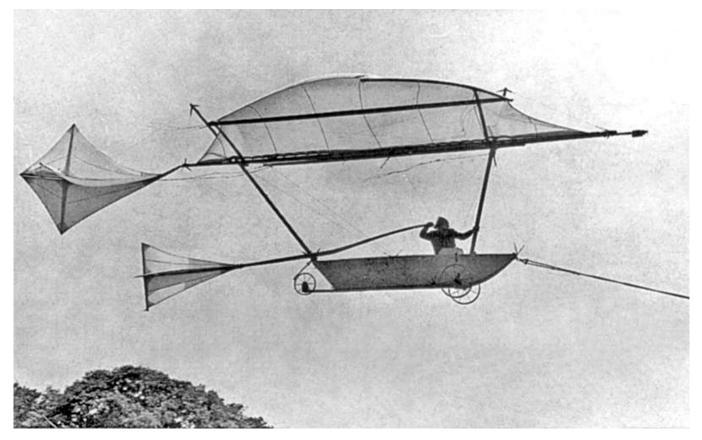
Montgolfier brothers, 1783

Charles and the Nicolas-Louis Robert, 1783



Sir George Cayley

A key pioneer in the theory of flight and innovator of gliders.



Glider, 1853





Most famous of a number glider experimenters before 1900

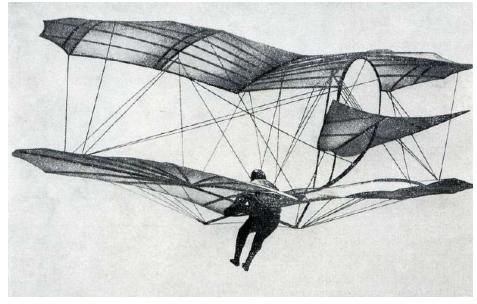




He flew over two thousand times from 1891 to 1896



First glider



One of his later gliders

