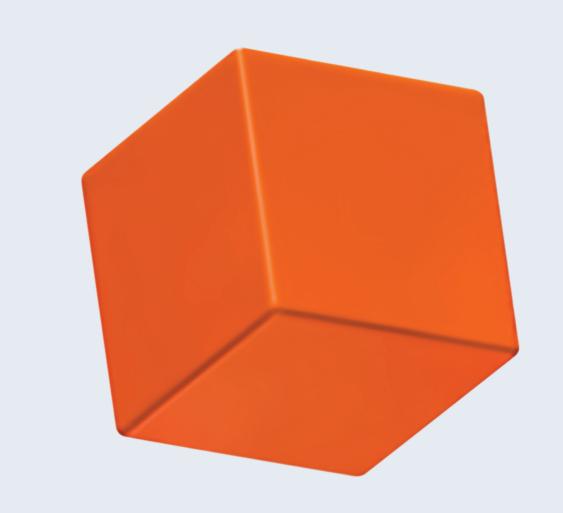
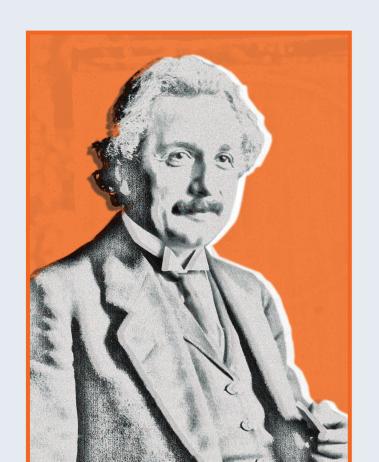


At Gravitilab we like to keep things friendly, so we're on first name terms with our fleet







ALBERT

HARDWARE | Small launch vehicle to deploy satellites in VLEO self-cleaning orbit SCIENTIST | Albert Einstein INSPIRATION | The creator of the theory of relativity and contributed towards the development of quantum mechanics - the two pillars of modern physics.



test vehicle for ISAAC program SCIENTIST | Ada Lovelace INSPIRATION | Daughter of Lord Byron and the world's first computer programmer the first to recognise the true opportunities of computing. Writer of algorithms for the mechanical calculator or 'analytical engine' designed by computer pioneer Charles Babbage.

HARDWARE | Subscale suborbital flight



EDITH

HARDWARE | Gravitilab's proprietary cross-system payload module SCIENTIST | Edith Clarke INSPIRATION | A pioneering electrical engineer. The first professional female electrical engineer and professor of electrical engineering.



FRANK

payload capacity capable of apogee of 250 km single stage and up to 600km 2-stage variant SCIENTIST | Frank Malina INSPIRATION | The key figure in the development of the first sounding rocket to reach space, the WAC Corporal. Founder of

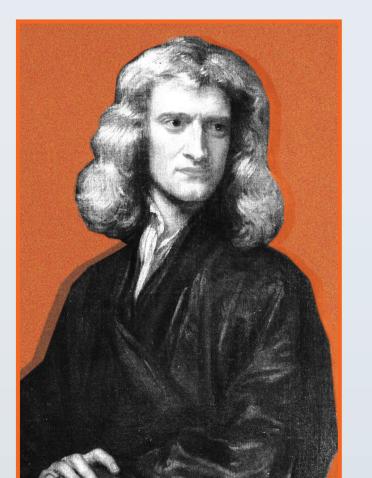
NASA's legendary Jet Propulsion Lab (JPL).

HARDWARE | Suborbital rocket with <100kg



HILDA

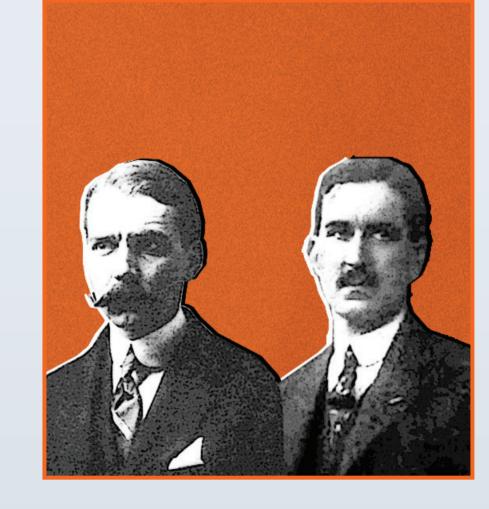
spaceport SCIENTIST | Hilda Lyon INSPIRATION | A leading British aeroand hydrodynamicist and the first woman to win the Royal Aeronautical Society prize. She collaborated in the design of significant British and American airships and submarines and her work is still used in their stability software.



ISAAC

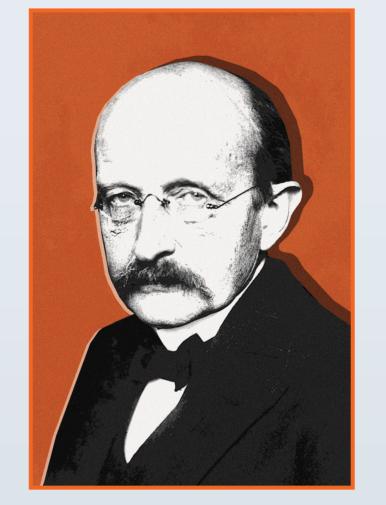
HARDWARE | Suborbital rocket with 20kg payload capacity capable of apogee of 250 km single stage and up to 600km for the 2-stage variant SCIENTIST | Isaac Newton

INSPIRATION | Discovered gravity and the laws of motion. One of the 'giants' whose shoulder we stand on!



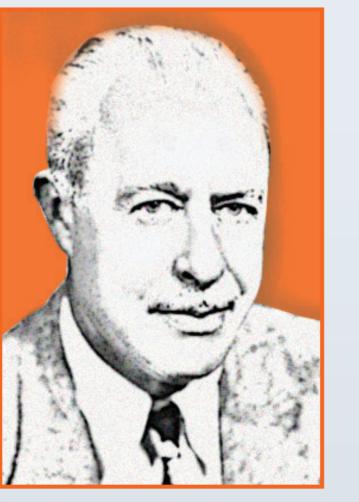
LOUIS & JACQUES

LOUIS HARDWARE | 2-stage UAV microgravity research system **SCIENTIST** | Louis Breguet JACQUES HARDWARE | Partial gravity enabling variant of the LOUIS system **SCIENTIST** | Jacques Breguet INSPIRATION | Brothers who created one of the world's first successful rotorcraft, the Gyroplane.



MAX

HARDWARE | Small suborbital rocket for lightweight low-altitude activities SCIENTIST | Max Planck INSPIRATION | A preeminent theoretical physicist, namesake of the Planck constant and winner of the 1918 Nobel Prize in Physics.



WALTER

HARDWARE | De-orbit propulsion pack **SCIENTIST** | Walter Hauser Brattain INSPIRATION | Electrical engineer and codeveloper of the first transistor, the key enabler of modern electronics. Winner of the 1956 Nobel Prize in Physics for his work.



ANNIE

HARDWARE | Hybrid rocket engine test stand SCIENTIST | Annie Jean Easley

INSPIRATION | An American computer scientist, mathematician, and rocket scientist. She was one of the first African-Americans to work at NASA and her 34-year career included developing and implementing computer code that analysed alternative power technologies as well as being a leading member of the team which developed software for the Centaur rocket stage.