

THE FINAL FRONTIER

Dadla & Marťásek



DĚTI Z BARÁKU



1 million people travelled to Florida to watch the launch of Apollo 11 on 16 July 1969.

The Saturn V rocket was taller than the Statue of Liberty in New York city.

300 The total number of hours that astronauts have spent on the Moon.

Beef, potatoes, and grape juice – the first meal eaten by the Apollo 11 astronauts in space

382 kg (842 lb) of lunar rock and soil were brought back by the Apollo astronauts. 35



Mission to the Moon

Humans have set foot on only one world beyond Earth: the Moon. Just 27 daredevil astronauts have travelled there, of whom 12 walked on its cratered, lifeless surface.

Eight space missions visited the Moon between 1968 and 1972 as part of NASA's Apollo programme. Each mission carried three American astronauts inside an Apollo spacecraft, which was launched by a Saturn V rocket. Apollo 8 tested the craft as it orbited the Moon. Then, in a dress rehearsal prior to landing, Apollo 10 flew close to the lunar surface. The first of the six missions that successfully landed on the Moon was Apollo 11 in 1969. Astronauts Neil Armstrong and Buzz Aldrin touched down on the surface in July of that year. As Armstrong took the first historic step, he said, "That's one small step for man, one giant leap for mankind."

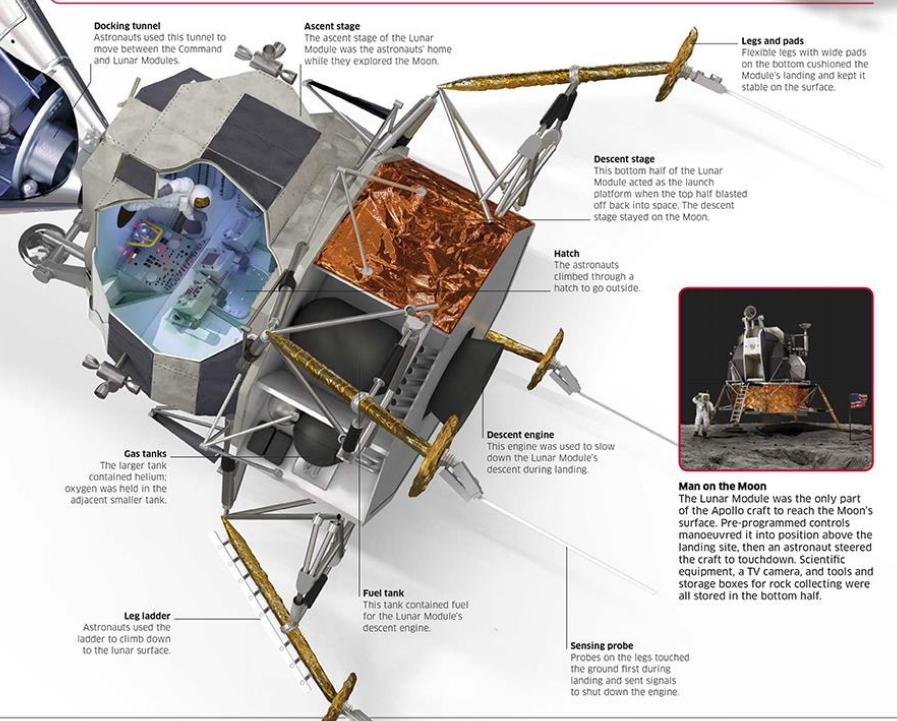
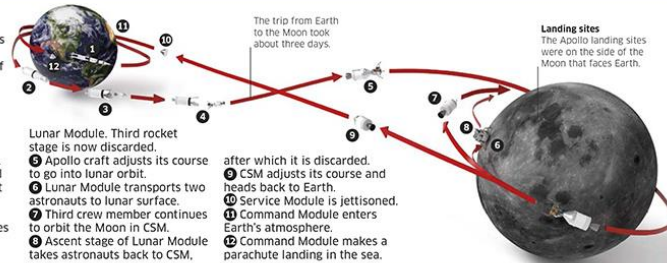
Saturn V rocket The Apollo astronauts were blasted into space inside the nose cone of the largest rocket ever built: Saturn V. Standing nearly 111 m (364 ft) high, the Saturn V was as tall as a 30-storey building. This giant launch vehicle consisted of three rockets in one. The first two parts, or stages, lifted the Apollo craft into space, and the third stage set the spacecraft on course for the Moon.

21 hours – the length of time Apollo 11 astronauts Neil Armstrong and Buzz Aldrin spent on the Moon. Apollo 17 astronauts spent three days on the lunar surface.

There and back

Each of the six Apollo missions that landed men on the Moon took the same route, taking off from Florida, USA, and ending with the astronauts splashing down in the Pacific Ocean.

- 1 Saturn V rocket carrying Apollo craft blasts off and positions craft in Earth's orbit.
- 2 The rocket's third stage and Apollo craft leave Earth's orbit and head towards the Moon.
- 3 Combined Command and Service Module (CSM) separates from the rocket.
- 4 CSM turns and docks with

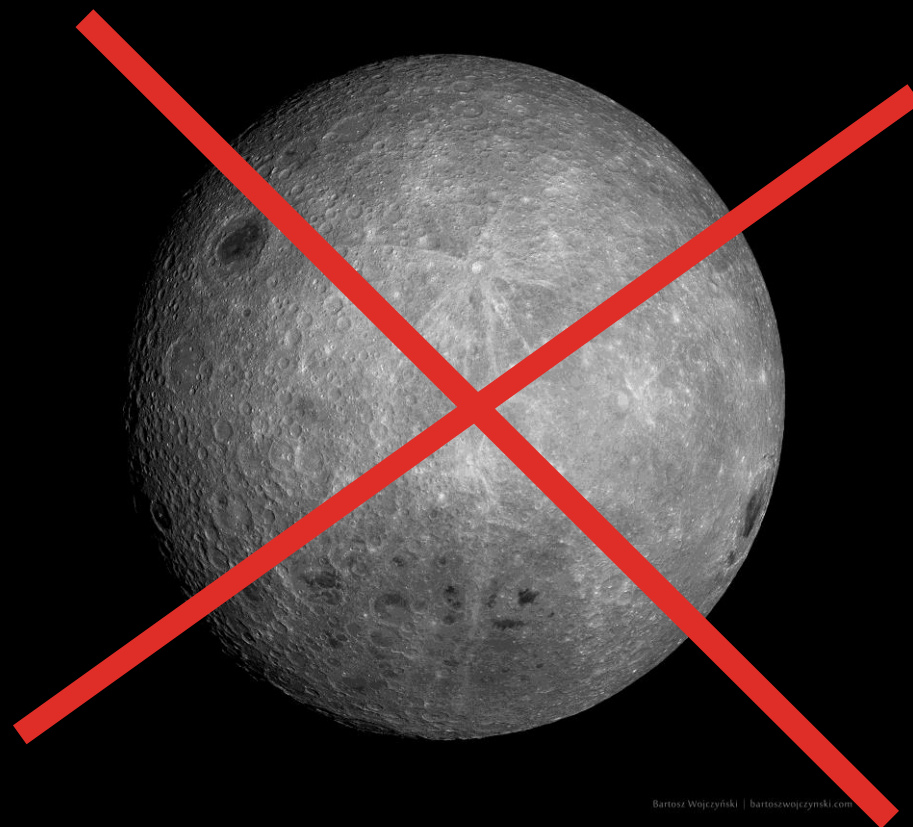




MĚSÍC (LUNA, MOON)



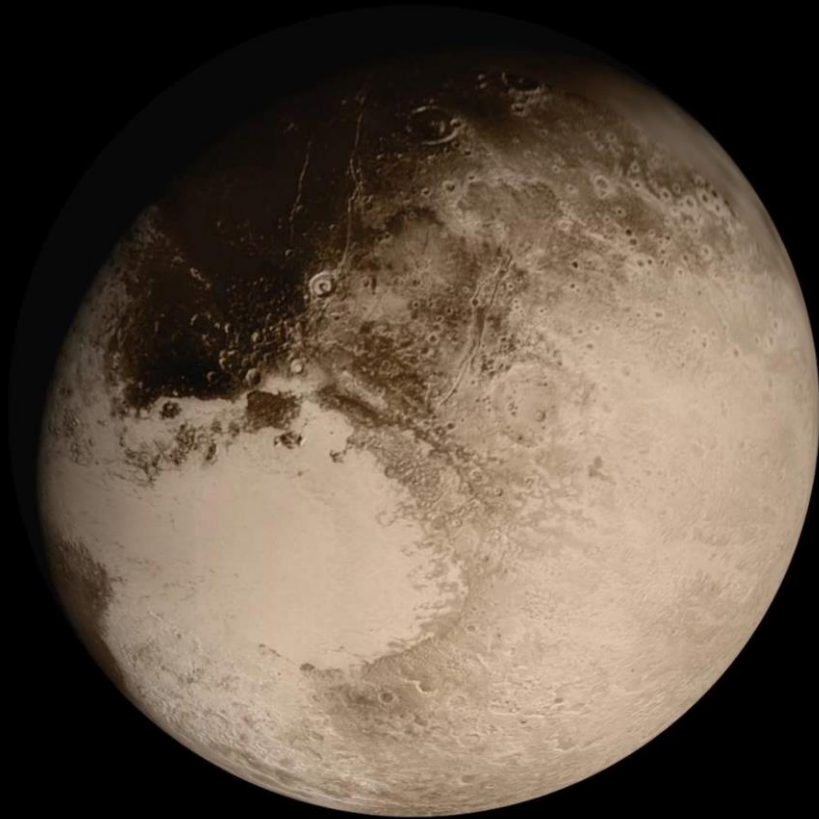
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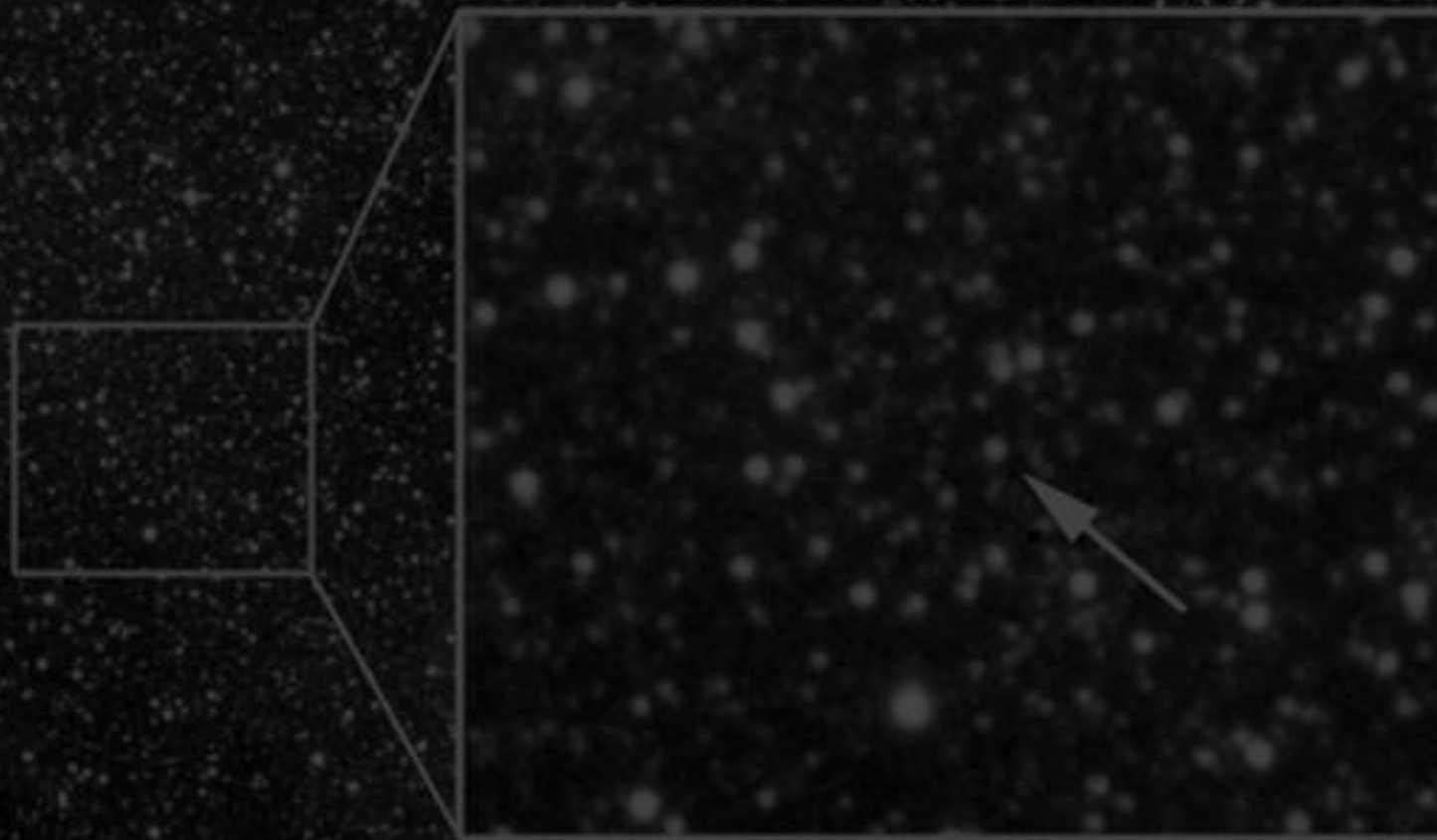


PANÍ UČITELKA



STŘEDNÍ ŠKOLA

Proxima Centauri





ŽIVOT