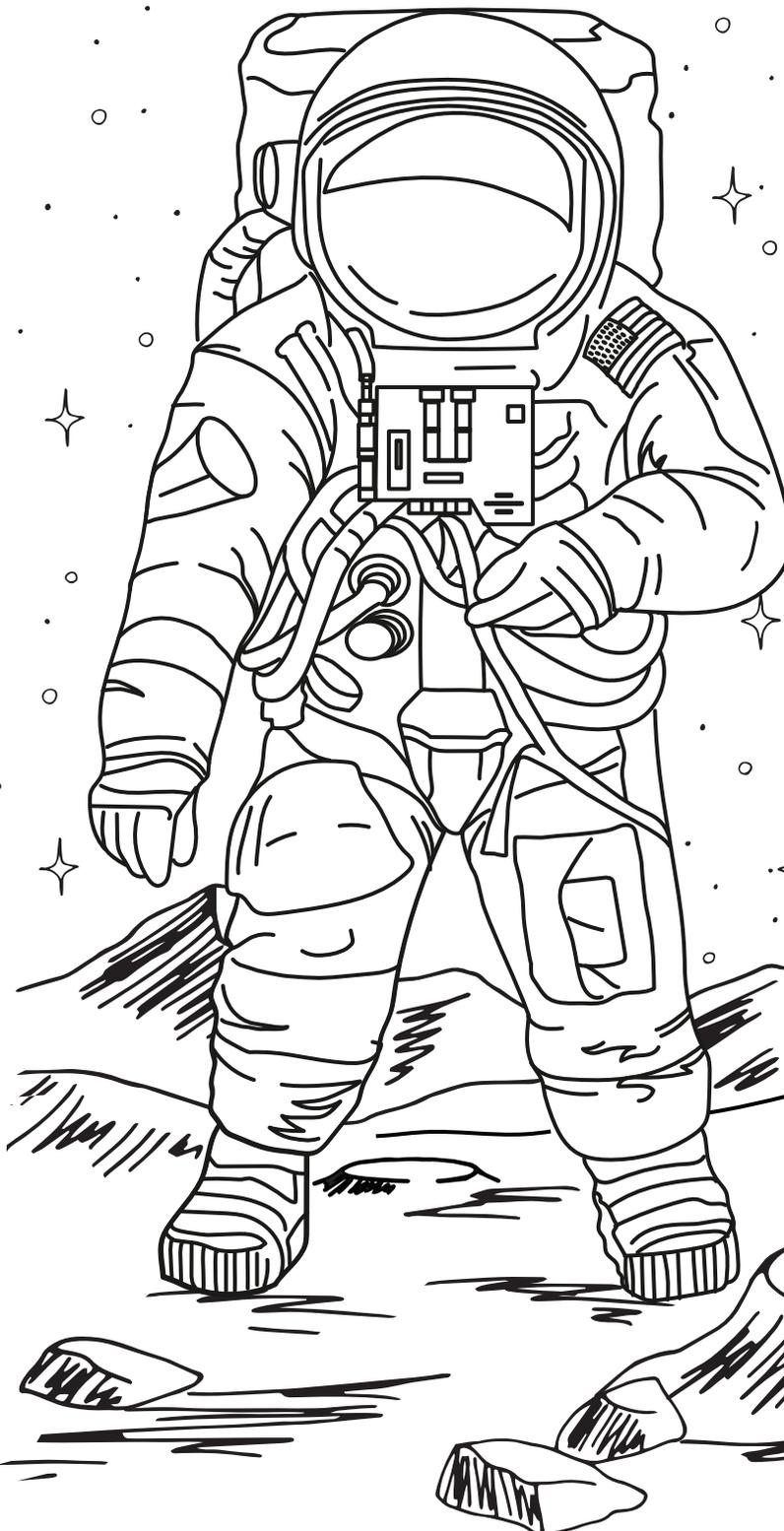


Apollo Lunar Surface Experiment Package (ALSEP)

The goal of NASA's Apollo program was to land humans on the Moon and bring them safely back to Earth. Six of the missions achieved this goal.

ALSEP was a collection of geophysical instruments designed to continue to monitor the environment of each Apollo landing site for a period of at least a year after the astronauts had departed. Designed for a life of one year (Apollo 17 was designed for two), they ended up working for up to 8 years.

The ALSEP system, first flown on the Apollo 12 mission, consisted of a Central Station with a communications package with leads running out to the instruments placed around it. Its power was supplied by a SNAP-27 model radioisotope thermoelectric generator (RTG).



ALSEP

