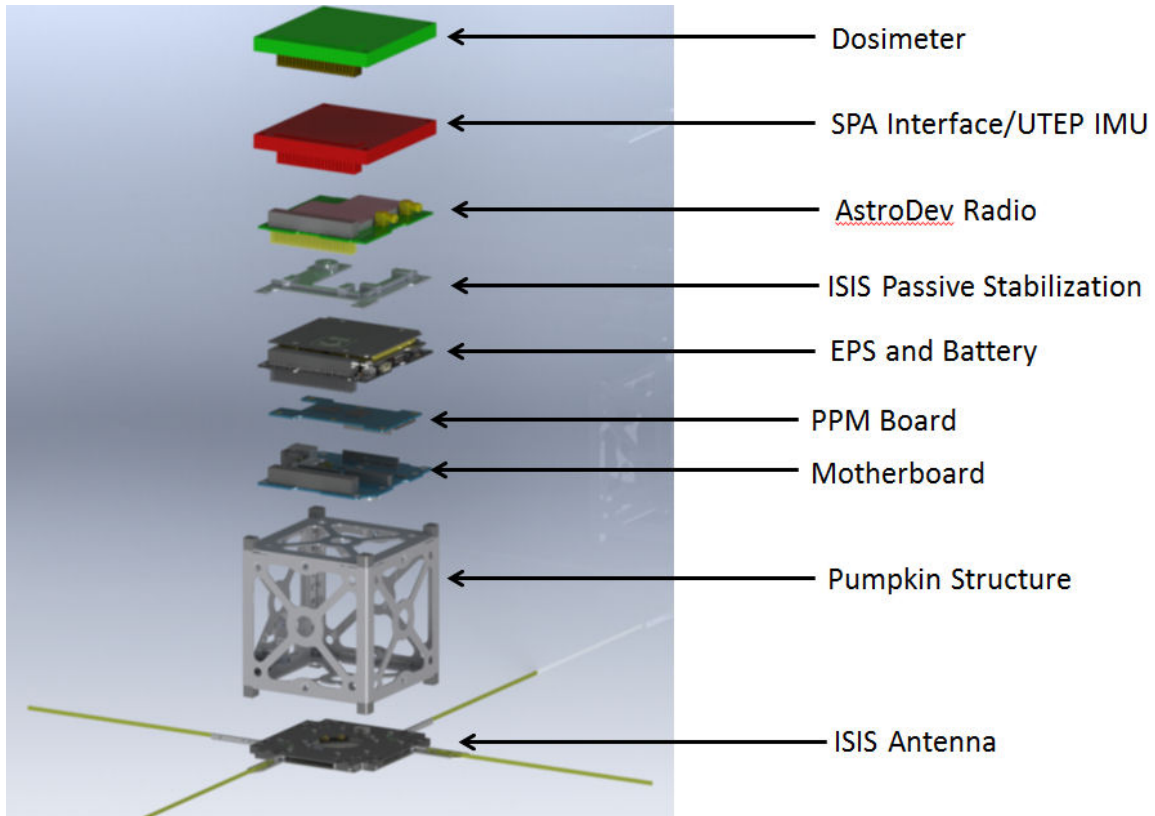


Trailblazer CubeSat Description

UNM – 1U



Trailblazer is a proof of concept flight for Space Plug-and-play Architecture (SPA). SPA is an open source bus architecture developed by the Air Force. In addition, the mission will fly a dosimeter for taking radiation measurements and a 3D printed IMU.

The satellite utilizes a communication system which is necessary to uplink commands and downlink data containing spacecraft health as well as payload test results.