SFR I is the first technology developed by THRUST team, is a hybrid sounding rocket with the capacity to transport the weight of 3 Can Sat at the altitude of 3 Km.

SFR I represents a true test bench for the team’s technologies, indeed SFRI is been completely designed from students with the aim to test the large number of no flight heritage components furthermore in the designing process the main drivers were the simplicity and the innovation.

**Specification**

Height: 2.70 [m]

Dry Mass: 25 [kg]

Diameter: 15 [cm]

Propulsion: Hybrid

Engine: TH-1000

Mean thrust: 1000 [N]

The first flight for SFR I will be a test at “Molinella” Aviosurface Medicina (BO) with the targeting altitude of 1 km with no payload.