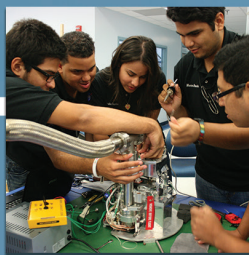


Sounding Rockets

Educational Flight Opportunities

➔ “Rocket Scientist”



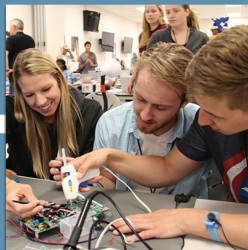
03

RockSat-X



02

RockSat-C



01

RockOn!

➔ 00

Apply
to Fly!



3 RockSat-X

Advanced Student Flight Opportunity!

RockSat-X is the most advanced flight opportunity for University students. Building on RockOn and RockSat-C, RockSat-X offers payload support systems, such as ejectable skins for exposure to the space environment, telemetry for data retrieval, despin, attitude control system, and recovery.

University and college students and faculty design a custom experiment to fly on a Terrier-Improved Malemute sounding rocket

2 RockSat-C

The next step in becoming a Rocket Scientist!

RockSat-C builds on the knowledge gained from the RockOn workshop. The RockSat-C experiments are conceived by students and faculty, and are flown in the same payload as RockOn.

The RockSat-C program actively engages the students through the full design process; assisting them through the design phase in the Fall semester, and leading the teams through testing and integration reviews and Launch Readiness Review in the Spring.

1 RockOn!

Build your first sounding rocket experiment!

The RockOn workshop offers an opportunity for students and faculty to construct, test, integrate and launch an experiment on board a NASA sounding rocket.

Participants work in teams of three during this one week workshop held at NASA GSFC Wallops Flight Facility and learn all the fundamental skills to build an experiment for space flight.

0 Apply to Fly!

Apply to Fly: <https://www.nasa.gov/sounding-rockets/rocksat-programs>

Who: U.S. College and University students and faculty

When: Ongoing

RockOn applications due in January - launch in June

RockSat-X & RockSat-C applications due in September

RockSat-C launch in June with RockOn

RockSat-X launch in August

Launch site: NASA GSFC Wallops Flight Facility, Wallops Island, VA