

# Simulation to Flight - 1

## West Virginia's First Spacecraft

Simulation to Flight-1 (STF-1) is West Virginia's first spacecraft! It is part of a series of CubeSats that have 10x10x11cm cubes stacked on top of each other. STF-1 is made of 3 cubes, is the size of a loaf of bread and weighs 9 pounds. STF-1 is a satellite that will take pictures of space, help us learn about GPS on future CubeSats and will be powered by the sun only. STF-1 is planning to launch in June 2017. The NASA IV&V Program and West Virginia University are teaming up to make this happen.

### Did you know?

- ✎ STF-1 stands for Simulations to Flight-1
- ✎ STF-1 is West Virginia's First Spacecraft
- ✎ STF-1 is about the same size of a loaf of bread (10x10x34 centimeters to be exact) and weighs 9 pounds
- ✎ STF-1 will orbit earth every 93 minutes
- ✎ STF-1 will be in orbit for 6 months then burn up entering Earth's atmosphere

# Draw STF-1 WV's First Spacecraft in Space

