BalloonSat Flight 19

Launch Operations: SATURDAY June 16, 2012, 8 – 9:30am at GigaParts

The UAHuntsville Space Hardware Club actively flies BalloonSat missions of various types throughout the year. This will be the second flight of the summer. Everyone is invited to attend the launch is Saturday morning from 8:00 to 9:30am at GigaParts, Inc, 1426B Paramount Drive, Huntsville, AL 35806. (34.751273N, 86.699547W)

Live Online Tracking at:
SPACE.UAH.EDU

Payload Objectives

1. Primary
   a. Neutron Counter (w/NSSTC Team)
      The neutron counter payload is a scientific experiment measuring high energy neutrons in flight. Developed with direction of the NSSTC, students are observing the artifacts of cosmic rays interacting with the atmosphere. The team expects the payload to fly to 95-100kft.

2. Secondary
   a. APRS GPS Beacon K4UAH-11 (Frequency 144.390 MHz)
   b. SPOT GPS Messenger at findmespot.com

Itinerary

7:00AM – Student launch team meets at lab to prepare for remote launch operations.
8:00AM – Students and PUBLIC meet for flight preparations at GigaParts.
8:30AM – On-Campus ground station team will deploy to the Comm Lab at UAH to prepare for flight. (EB 273)
9:00AM – The Space Hardware Club will launch from GigaParts.
9:30AM – The chase team will drive toward the expected landing location near Scottsboro, AL.
2:00PM – The chase team returns to UAH

By law, the team can only launch if it is clear or partially cloudy. Stay tuned at space.uah.edu/balloonsat for launch updates. Balloon predictions will increase in accuracy as weather models improve closer to launch.

Contact Info
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