BalloonSat Flight 28
Launch: Saturday, September 14, 2013 8AM, UAH Greenway

The UAHuntsville Space Hardware Club actively flies high altitude balloon missions of various types throughout the year. This will be the second flight of the fall 2013 semester. This flight is in support of the BalloonSat One Month Project Teams. An additional objective is to test the new battery packs for the GoPro cameras. Everyone is invited to attend the public launch.

Space Hardware Club is actively guiding new members through a fast paced, one month balloon payload. This launch will give the teams some balloon launch and recovery experience to help them design better payloads.

Launch Location: UAH Greenway, Sparkman Dr., Huntsville, AL 35806. (34.72444,-86.63972) GPS Decimal, not Deg/Min/Sec

Payload Manifest
1. SHC Trackers
   a. APRS GPS Beacon K4UAH-11 (Packet 144.390 MHz, Voice 146.520 Mhz (Backup 145.800Mhz))
   b. SPOT GPS Messenger at space.uah.edu/balloontracking
2. GoPro Battery BacPac Flight Duration Test
3. ChargerSat IR Sensor Payload

Live Online Updates and Tracking at:
SPACE.UAH.EDU/BALLOONSAT

Itinerary
6:00AM – Student launch team meets at lab (VBRH M-25) to prepare for launch operations.
7:00AM – Flight Line Operations Commence.
7:15AM – Balloon Fill Starts
8:00AM – BalloonSat 25 Lift-off
8:30AM – Recovery Team Departs

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.

Point of Contact
Markus Murdy
markus.murdy@uah.edu
608-774-9866

Flight Predictions courtesy of NearSpace Ventures

9/5/2013 http://space.uah.edu