

ANSR-77 BALLOON FLIGHT Sat Nov 9th

Arizona Near Space Research (ANSR) is pleased to announce the flight of ANSR-77. This high altitude balloon flight will take place on Saturday, November 9, 2013 at 9:00 A.M. The baseline launch site will be the University of Arizona Maricopa Agricultural Center, near Maricopa, AZ (33 deg 04.42 min, 111 deg 58.97 min). The final launch site choice will depend on the predicted winds aloft. Watch for additional announcements prior to launch day.

The balloon will be a 1600-gram weather balloon, filled with hydrogen. The expected burst altitude will be 90,000 feet or more. The flight is anticipated to last about 2.5 hours from launch to touchdown.

This flight will a system test for the University of Texas. Their payload will be an electrical engineering model of their "SnapSat" CubeSat design under development. The payload uses the Qualcomm Snapdragon processor and will downlink live video and telemetry on the 2.4 GHz band.

APRS Beacons will transmit position information as follows:

KA7NSR-11 and KA7NSR-12 both on 445.925 MHz, KA7NSR-13 on 144.34 MHz

The ANSR Cross-Band Repeater will operate with an input frequency of 145.56 MHz with a 162.2 Hz tone, and an output of 445.525 MHz. While contacts (especially DX) are welcome, please give priority to chase team members.

Our mobile cross-band Digipeater will repeat locally the beacons' APRS data to the 144.390 MHz standard APRS frequency and subsequently will be I-GATED to the Internet for out-of-area trackers. You can track the flight using website <http://aprs.fi/?call=ka7nsr-11> (or ka7nsr-12,-13)

Be sure to check <http://groups.yahoo.com/group/Ballooning> for updates to this announcement prior to the flight.

Jack Crabtree, W7JLC
ANSR President