100K
High Altitude Student Rocket

Markus Murdy  <markus.murdy@uah.edu>
UAH Space Hardware Club
Mechanical and Aerospace Engineering Department

Overview
A student project to create and fly a rocket capable of reaching an altitude of 100,000 ft.

Project Features
- Student Designed, Built, Tested, and Flown
- Student Exposure
  - High Altitude/High Speed Rocket Design
  - High Altitude/High Speed Tracking and Recovery
  - National Instruments LabVIEW
  - Composites Fabrication
- Targeted Launch: Tripoli National Large and Dangerous Rocket Ships Launch, July 2013

Project Impact
This flagship project will provide members of the Space Hardware Club and MAE Graduate Design courses valuable experience as they continue their education and prepare for future employment in aerospace engineering.

Find out more about SHC projects, and how you can help, at space.uah.edu.

Acknowledgements
Dr. Francis Wessling, Faculty Advisor
Mr. Steve Collins and the UAH Student Prototyping Facility
Walt Stafford, Bob Hass, and Phoenix Missile Works (Tripoli 83)
Alabama Space Grant Consortium