Sounding Rockets – A Next Step

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Background:
Hands-On:

Leader in Starting Student Hardware Programs
sounding rocket

One entry found for *sounding rocket*.

Main Entry: *sounding rocket*

Function: noun

: a rocket used especially to obtain information concerning atmospheric conditions at various altitudes.
Close-up of a drawing that shows the penetration of different kinds of electromagnetic radiation into the atmosphere. Note also the different layers of the ionosphere (D, E, F).

**KEY - RADIO WAVES**
- LF - LOW FREQUENCY
- MF - MEDIUM FREQUENCY
- HF - HIGH FREQUENCY
- VHF - VERY HIGH FREQUENCY
Sounding Rockets:
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Sounding Rockets:

- Costs?
- Safety?
- Recovery?
- Payload Size?
- Hands-On?
Sounding Rockets:
Sounding Rockets:

UP Aerospace
Sounding Rockets:
COLORADO SPACE GRANT

ROCKETSAT

University of Colorado
UP Aerospace
SolidWorks Model

- Solid-State Relay
- Microwave Detector
- BrainStem Microcontrollers
- Batteries
- Pressure Sensor/EEPROM
- Geiger Counter
- G-Switch
- Accelerometers/Temp. Sensor
Launch Link
A Next Step...
A New National Workshop:

Similar to Boulder Workshop

2-3 days to build, 1-2 days to integrate, 1 day to launch and recovery

Anyone interested?

Possibly the of summer of 2007

$1,500 to $2,000 registration fee?

Pre-register at (November 2006)

spacegrant.colorado.edu/studentsat/rocketsat
Sounding Rockets:

- A New Commercial Partnership
- Another Step...