RockOn! 2010...

A Sounding Rocket Payload Workshop

Colorado & Virginia Space Grant Consortium, Wallops Flight Facility and NASA Education
Thanks:

- Virginia Space Grant
- Wallops Flight Facility
- NASA HQ’s
- Colorado Space Grant
- The Participants

- and YOU!!!
The Concept:
Workshop Goals:

- Integrate on Day 4
Then another something else amazing happened…
RockOn 2009:
Workshop Goals:
RockOn 2008 and 2009:

The Movie everyone is talking about
RockOn 2008 and 2009:

THE Movie everyone is talking about
What’s the point?

- It’s working
RockOn 2008 and 2009:

100 People

[Map showing distribution of 100 People across the United States with numbers indicating the count in each state.]
What’s the point?

- It’s working

- It’s creating new or supporting existing student hands-on programs
RockOn 2008 and 2009:

100 People

[Map of the United States with numbers indicating the number of participants from each state.]
What’s the point?

- It’s working
- It’s creating new or supporting existing student hands-on programs
- It’s inspiring others to train
Helicopter Experience, 2010

Date: August 1-6
Location: Central Connecticut State University

www.cthelixp.com
What’s the point?

- It’s working
- It’s creating new or supporting existing student hands-on programs
- It’s inspiring others to train
- It’s demonstrating to the leadership that this is impact their mission
RockOn 2010…

Includes…

$ Breakfast and lunch every day
$ Dinner one day
$ All reusable kit hardware
$ Handbook and software
$ Shirt and other items
$ Launch and recovery

Total Experience… Priceless
RockOn 2010…

Fee for 2008 was $1,500

Fee for 2009 was $1,699

Fee for 2010 is $1,699

But wait, if you register before January 22, 2010 $1,499 +
Future:

- 5 to 6 RockSat Payload Canisters will be flown on the same flight
- Cost is $12K per canister for 20 pounds
- Launch is June 24, 2010
Future:

SEP 2009
- Intent to Fly
- RockSat Users Guide

OCT – DEC 2009
- Design Reviews

FEB 2010
- Wallops Final Reviews

JUN 2009
- Launch
Future:

- Wallops has already committed to a much bigger rocket for next summer
- A two stage Terrier-Orion Sounding Rocket
- Expected to reach 140 km
Recap:

- Comments?
- Questions?
- Testimonials?

RockOn! 2010
The Next How To Workshop
June 19 – 24, 2010
NASA’s Wallops Flight Facility

Register by March 22, 2010 @
spacegrant.colorado.edu/rockon

The RockOn workshop is designed to be the next step beyond the Boulder BalloonSat and Ballooning Workshop. During both the RockOn 2008 and 2009 workshops, teams of 3 built a sounding rocket payload (RocketSat) from a kit in three days and launched it into space on the fifth day. The hardware in the kit may be used on future RocketSat and possibly CubeSat flights. NASA’s Wallops Flight Facility will be providing the rocket (two stage Terrier-Orion) and launch operations during the workshop. This hands-on workshop is about learning to build sounding rocket payloads, not rockets. RockOn is supported by the Colorado and Virginia Space Grant programs with significant cost sharing from Wallops and NASA Education. Workshop registration for 2010 will be $1,699 ($1,499 if you register by January 22, 2010) which includes kit hardware (that teams take home), breakfast and lunch each day plus one dinner, t-shirt, handbook, software, and more plus a priceless experience. For more information on the workshop, please visit the website.

Photo taken by Adam J. with RocketSat from 1:30, 6000 ft!