

Rocket kits aren't in  
Won't be able to launch next weekend unless they come in at the beginning of the week

People Present:

Aaron Howell  
Sarah Christensen  
Stephen Wagner  
Daniel Sewell  
Dr. Wilson  
Megan Bush  
Brett Keller  
Paul Elliott  
Dr. Mackey

Brett talking about rocket launch: will fly his next weekend for level 2 certification

Wants to know who else will be going to Memphis

Do we want to make more than one rocket for USLP?

If we build one and it crashes, should we just rebuild it? Or build two of the same one?

Dr. Wilson-it wouldn't hurt to have more than one design for a rocket, maybe build more than one to give people rocket building experience  
About \$500 per rocket without electronics

Dr. Wilson and Sarah are working on a proposal for more money

Put minutes and bison article on the website

Put picture on the website, Erin has the picture of the group

Sarah-Design payloads, what do we want?

Brett places rocket on the table for demonstration

G motor

H motor

J motor-solid fuel

Are we using a hybrid motor? Nitrous oxide tank

Smaller rockets, not much room for payload

If we design rocket for a hybrid, can we fly it with solid fuel motor?

Could modify the proposal for a different motor.

Sarah-When will we hear back from NASA about the proposal?

Brett shows rocket-designed to fly on J-350, but he used an H motor.

Fins are directly attached to the motor mount for extra reinforcement.

Separates, in the bottom is the motor and the parachute. Do not use

metal in your rocket, no steel tubes. Upper half of the rocket designed to hold electronics.

Dual recovery-small parachute deployed, then about 800 feet, deploys big parachute so it doesn't drift as far from the launch pad. Rocket we'll build will be about 6 feet tall. About 4 inches in diameter.

Dr. Wilson is e-mailing information to all of us  
9<sup>th</sup> of October, schools will be notified of acceptance.

16<sup>th</sup> of October, video teleconferencing

23<sup>rd</sup> of October, NASA announces teams

Web presence established-November 6<sup>th</sup>

Preliminary design review November 13<sup>th</sup>

January 15-critical design review

Travel funds to Huntsville

RockSim price?

don't need more than 2 rockets

we don't need to build a rocket that will not fly a mile

brett draws rocket on wipe-off board

3 in diameter electronics section

Who wants to build a rocket?

One that is the competition rocket

Where are we on the design of the competition rocket?

Finalize the design within the next few weeks

Pablo and Brett are "design guys"

When are CAD designs due? –Dan

Weeks meeting-each week learn about something else

Next Saturday-launch in Memphis

Shelby Farms in Memphis-10:00 AM

Sunday, October 15<sup>th</sup>-Meeting

e-mail when the level 1 rockets come in

thanks, brett