

Flight Research Request

Submitted to

Edge of Space Sciences, Inc.

February 13, 2007

By:

**R. Parker Meer
Age 8**

Abstract

I am curious about what will happen to a marshmallow if it is sent into the stratosphere. My request is for EOSS to fly some marshmallows on EOSS Flight #114 in a position that they would be seen by the ATV camera so I can see what happens to them from on the ground.

Details of Experiment

My plan is to put four standard size (7 gram) marshmallows into a nylon mesh bag that would be attached to the flight string in a position that the ATV camera would see them and send the pictures to the ground so we can record what happens and write a report about it.

One of the marshmallows would fly just as it comes out of the bag. Each of the other three would have a cut of a different size in the marshmallow to see if cutting into it makes it act differently in the vacuum of near space.

Project Funding

My hoped for federal research grant for this experiment has not yet been awarded. Therefore I will provide all of the marshmallows and the nylon bag for the experiment. I will also donate the rest of the bag of marshmallows to the launch team as a snack following launch. I am asking EOSS to lift, ATV monitor/record and recover my experiment at no charge given the current funding crisis for science in the United States.

Intellectual Property and Publication Rights

I am happy to share the intellectual property and publication rights with EOSS considering that if this request is approved EOSS will be contributing to the success of this project.

By:

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2/13/2007

Date

Accepted by:

EOSS by

Date