

Oregon Rocketry July Meeting Minutes

Giovanni's Restaurant, July 2, 2009

The meeting was called to order at 7:30 PM by Robert Krausert.

Officers present: Robert Krausert, Gary Goncher, and Yvonne Moscoe. J.P Roberts joined the meeting via webcam.

Wilsonville Memorial Park Launch

There will be a model rocket launch this Sunday, July 5, from 2-5 PM at memorial Park in Wilsonville. Rockets are limited to class 1 (62.5 g of propellant), and will generally be limited to about 1000 foot altitude by surrounding trees. Please come out and join us for this launch.

June Summer Skies Launch Report

It was generally agreed by those present at the meeting that there was far too much wind at the June Brothers launch. The wind and temperatures in the 50s and 60s caused many to seek shelter in cars, especially on Sunday. There were 26 flights flown on Friday (research day), 163 on Saturday, and only 20 on Sunday. The range was closed early on Sunday about 1:30 PM because of winds and the low cloud deck. Let's hope for better weather at the July Brothers launch!

Brothers Landowner Issues

There was concern raised by one of the neighboring property landowners at the Brothers launch site following the May launch that fliers were camping without permission on their land. They are apparently trying to market the land, and brought prospective buyers to the property during the May launch. Permission was obtained from the landowner to use the property for launch, camping, and rocket recovery as has been done for many years for the June launch, provided that the landowner was included on the liability waiver that participants currently sign before participating in launches. Robert Krausert talked to the landowner at the June launch, and was able to obtain his permission to launch and recover rockets on his property for future launches, provided that all participants sign liability waivers. The land is located immediately north of the current flight line at the Brothers site, and the 40 acres were offered to Robert for \$24,000.

Upcoming July Desert Heat Launch

The July Oregon Rocketry launch will be held at the Brothers launch site the weekend of July 10-12. The club equipment trailer is still at the Brothers launch site under the care of Tsolo, who is camping at the site until the July launch. The batteries will be charged using his generator when he is running it (batteries were not charged between the May and June launches). The trailer will be towed to the Moscoe residence following the July launch, and a trailer party will be scheduled for equipment maintenance. Please join us for the launch next weekend at the Brothers launch site.

Treasurer's Report

There was no update to the club finances at the July meeting.

Member Show and Tell: Mike Fisher

Mike Fisher presented results from his flight of a 38mm (!) L motor at the Brothers June launch. The motor was 60 in. long (6 x 10 in. grains), had a 0.5 sec burn time, and developed about 2000 lb. maximum thrust. The rocket experienced 160 maximum Gs, reached mach 1 at 310 feet elevation, and lost one of its fins at mach 2. The rocket weighed 9 lbs. at launch with 1300 g of propellant. The quad-pod launch pad did not survive the launch.

Member Show and Tell: Gary Goncher

Gary Goncher showed a 2-stage rocket based mostly on the PML Quantum Leap II rocket kit. The booster was assembled as a stock kit, while the sustainer was modified for dual deploy using a Giant Leap e-bay. The sustainer was flown at the June OROC launch, reaching 2500 ft. on an I211. The complete 2-stage rocket will be flown at the July Brothers launch.

The meeting was adjourned at 8:20 PM.

Gary Goncher, Oregon Rocketry Secretary

Please send any additions or corrections to the minutes to garyg_nwr@verizon.net