

## **Oregon Rocketry December Meeting Minutes**

Giovanni's Restaurant, December 2, 2010

The meeting was called to order at 7:35 PM by Gary Goncher.

Officers present: Gary Goncher and Tim Ryerse (Randy Birzer by computer call).

### **2011 Applications and ballots**

The election ballots and applications for 2011 will go into the mail in about 2 weeks (I will be out of town for the next week and a half, so the mailing will be done when I return). There is still time to submit ballot measures for the election: send e-mail to [bod@oregonrocketry.org](mailto:bod@oregonrocketry.org).

The following nominations have been made for the OROC board of directors for 2011:

President: Gary Goncher

Safety Director: Tim Ryerse

Launch Director: Randy Birzer

Treasurer: Robert Braibish

Secretary: Paul Bogdanich

Promotions director: Ken McGoffin

### **Wilsonville November Model Rocket Launch**

The last launch of the 2010 season was held on November 13<sup>th</sup>. Tim Ryerse reported that it was wet, with about a 500 ft. ceiling. The 10-12 people that attended got some good flights in, however, aside from those that ended up in trees.

### **2011 High Altitude EX Launch**

As mentioned in the previous minutes, the club is investigating a high altitude waiver for a Brothers launch in 2011. Robert is investigating whether it is possible to obtain a 50k waiver for launches from the ridge that is south of the current flight line. I called the Prineville office of the BLM this week to inquire about "special recreation permits" for organized events on BLM land should we choose to launch from BLM land for more separation from the highway. For non-commercial events (which our club activities would fall under), the permit fee would be \$95. However, the permit process is long enough that we could not get a permit approved for 2011. If we are interested in pursuing a permit for 2012, we should start the process by Feb., 2011. We should investigate launching from private land further from the road if we want to do a high altitude launch next year.

### **OROC Participation at the 2011 Hillsboro Air Show**

The possibility of OROC doing a demonstration rocket launch at next year's Hillsboro air show was brought up. Many years ago Oregon Rocketry did such a demonstration launch. The specifics of such participation will be discussed over the next few months. A poll at the meeting indicated that a large majority of those present were in favor of participating in the show, and would be willing to help. One of our members, David Harris, volunteered to indicate to the air show organizers that there is some interest on the

part of Oregon Rocketry in participating. A final decision will not be made for several months after additional discussion and planning.

### **Altus Metrum Presentation**

Keith Packard presented information on new software for the TeleMetrum altimeter/GPS telemetry electronics module produced by Altus Metrum. The new software allows real-time plotting of rocket position overlaid on a satellite map with a one/sec update rate. The software is open-source, and is available for download at [www.altusmetrum.com](http://www.altusmetrum.com). The dual-deploy altimeter transmits data on the amateur 70 cm band to a receiver “dongle” that is attached to a computer via USB. The altimeter is available for \$350 and the ground station receiver for \$75 (or \$400 for both) from Altus Metrum or Apogee Components.

### **Treasurer’s Report**

Yvonne Moscoe was not present at the meeting, so there was no update on club finances.

The meeting was adjourned at 8:30 PM.

Gary Goncher, Oregon Rocketry Secretary

Please send any additions or corrections to the minutes to [ggoncher@frontier.com](mailto:ggoncher@frontier.com)