

Oregon Rocketry May 2015 Meeting Minutes

Giovanni's Restaurant, May 7, 2015.

Meeting called to order at approximately 7:31 PM.

Officers present:

Gary Goncher (President)

Wilson Alness (Secretary)

Robert Braibish (Treasurer)

Alan Hammond (Launch Director)

David Armstrong (Safety Officer)

Tim Ryerse (Promotions Director)

George Rachor (NAR Section #555 President)

Joe Bevier (TRA Section #049 Prefect)

Call for New Members

A call for new members was made, revealing no new faces however attendance was large with representations from Oregon State University, Portland State University, and Life Christian School.

Garden Home Launch Report

Our President Gary Goncher reported on OROC's first model launch of the year on May 2 at Garden Home Park, following the loss of the Wilsonville launch site. The launch went well with approximately 18 people in attendance and around 50 total flights. The field dimensions limit launches to C impulse; however, this was later restricted following 2 x tree recoveries and 1 x neighboring rooftop recovery. The launch gathered great public interest from other park visitors. The next launch is scheduled for Saturday, June 6 from 10:00 AM – 2:00 PM.

TARC Team Presentations

Representatives from 2 first-time TARC teams from Life Christian School were present at the meeting, both mentored by George Rachor. "Rocket Ninjas" consists of all middle school students, and "Space Monkey Mafia" consists of all high school students. Both teams presented on their projects and reported on their various findings. Unfortunately, no teams from Oregon were qualified for Nationals this year.

Clark College NSLI Presentation

OROC Member Keith Stansbury presented on the NSLI competition in Huntsville, AL on April 11-12 on behalf of the Clark College Aerospace team. They successfully flew a very robotics-centric 5" rocket on a K1050W for the competition after numerous issues with having to ship components of their rocket, launch pad, and electronics down to Huntsville. Keith then answered various questions from members about the project.

Wireless Launch Controller Build Party Report

The President Gary Goncher reported on the build party of where wireless launch controller units were constructed. Said event took place on Saturday, April 25 from 10:00 AM – 4:30 PM. OROC member Brian Clark hosted the location with about 8 others in attendance. 4 units were built and are ready to be tested out at the Spring Thunder launch in Brothers, in-line with our wired system.

Spring Thunder Launch Planning

OROC's first high-power launch of the year will be taking place next weekend, May 15-17 in Brothers, OR. The President indicated that preparations are well underway as the Brothers Stage Stop has agreed to let us store the club trailer there again this year, and our 42,460' AGL waiver will be available. The Treasurer Robert Braibish also reported that the porta-potties will be serviced and a cord of firewood will be delivered on-site.

Treasurers Report

Our Treasurer Robert Braibish reported that as of the meeting date, the bank balance was \$7,941.69 with \$210.32 in deposits made last month and \$237.74 in expenses paid.

Membership Report

Our Secretary Wilson Alness reported that OROC has a total of 99 paid memberships, with that number increasing to 100 by the end of the meeting following 1 new membership.

Club Brochures

The Publicity Director Tim Ryerse indicated the brochures have been sent to the print shop and will be available soon.

PSAS Carbon Fiber Presentation

OROC and PSAS members Nathan Bergey and Jeremy Louke conducted a presentation on carbon fiber airframe manufacturing using honeycomb layups, as designed by a mechanical engineering capstone team from Portland State University.

Adjournment

A call for other business was made and being none, the meeting was adjourned at approximately 8:52 PM.

Please send any corrections or additions to Wilson Alness, at wa@wilsonalness.com.