



LUNAR'clips 2009

Livermore Unit of the National Association of Rocketry

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Range Head

David Raimondi, President, LUNAR #1221, NAR #82676

There are a lot of public outreach events happening in the near future and we can use your help. First up is Boy Scout Troop #363 is holding a rocket derby May 2nd from 9 AM to 3 PM at the Crossroads Church, 5353 Concord Blvd., in Concord. They are hoping you can come to the event and show some of your medium & high power rockets, and share with the young kid the joys of rocketry. Lunch is provided for those who help out. Please contact Fred and Sandy Fogg at: sandyfogg@yahoo.com.

The next event is Maker Faire, please see the article later in this issue for details on helping with this event.

The last two events center around the 40th Anniversary of the Apollo 11 Lunar landing. LUNAR is planning a big celebration for the July 18th launch and we are trying to coordinate this event with NASA Ames. Please contact Alan Marcum (amm@RhinoAviation.com) to find out how you can help with this event.

LUNAR will also be participating with the Apollo 11 Splashdown festivities being held on the USS Hornet on July 25th. This is in the early stages of planning, please stay tuned for ways to help.

I also have some bad news to report. The May club launch at NASA Ames has been canceled. The Collings Foundation has scheduled the Airfield May 15 through May 23 for flying their WWII warbirds. This is a great opportunity to see their WWII bombers and P51. Flights in these unique airplanes are available as well. The link to the Collings Foundation is: <http://collingsfoundation.org/menu.htm>.

Please look for some revisions to LUNAR's operating procedures for NASA Ames. These changes will be sent out soon. The first one is very simple, please park your car in the gravel lot while attending the launch. The parking in front of B158 needs to be kept open for those people who work at Ames or who have official business with the Base Operations personnel.

A big thank you goes out to everyone who helps make these launches a success. We had a great launch yesterday (April 18th). I would like to see some new faces helping out. The positions are easy and can be a lot of fun. Lets remember to fly safely, up fast down slow.

Dave

2009 TARC Round-Up

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The Team America Rocketry Challenge (TARC) for 2009 has entered the Finals round. Three teams from the Bay Area are going to the Finals this year: Newark Memorial HS (Winner in 2007), Santa Cruz HS, and Westmont HS.



This year LUNAR and its members helped 7 teams in the Bay Area and 3 teams from the Sacramento area make qualification flights. This year was also the first year that the TARC qualification flights were flown at NASA Ames. NASA is a big supporter of TARC and it was great to see Ames allow additional qualification flights to take place on Sunday mornings.



The top 100 teams from all over the country meet for the final fly-off competition on May 16, 2009 at Great Meadow, Virginia, to compete for \$60,000 in cash, scholarship prizes, and a trip to the Paris Air Show sponsored by the Raytheon Corporation.

I have had the privilege of helping these students for the fifth year in a row. This year's competition was similar to last years challenge. The students had to design a single stage rocket that could carry a raw egg and electronic altimeter to 750 feet *and*