



# LUNAR'clips 2013

Livermore Unit of the National Association of Rocketry

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## Who you gonna call?

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## Who We Are...

### LUNAR is the Livermore Unit of the National Association of Rocketry, Section #534

LUNAR is located in Livermore, California, about fifty miles southeast of San Francisco. We are organized to supply a safe, educational and legal means of furthering the hobby of model and high-powered rocketry in northern California, to aid and encourage the development of all club members' knowledge and expertise in the area of rocketry, to promote youth education and community involvement, and to engage in scientific, educational and related activities. LUNAR is open to rocketry hobbyists of all ages to further the sport and science of hobby rocketry within the NAR (National Association of Rocketry) and Tripoli safety codes. These codes have allowed hundreds of millions of model rocket launches by hobbyists since the late 1950s without serious injuries.

LUNAR also supports assorted rocketry activities of community youth groups. We have hosted launches (and in some case building sessions) for the Boy Scouts, Girl Scouts, 4H, YMCA Adventure Guides, the GATE program, and LARPD Science Camp.

### Launches

Section launches are usually held from 9:00 a.m. to 1:00 p.m. on the **third Saturday of the month**. Generally these are *sport launches*, although we occasionally hold sanctioned *contest launches* for points in the NAR national contest standings, *theme*

*launches* where we focus on a particular class of rocket, and *night launches*.

Launches at Moffett field are limited to G engines and a maximum altitude of 1000 feet. No more than 350 people can be on the airfield at one time. Outreach groups (Scouts, schools, etc) please contact the President and Vice President in advance.

LUNAR's Snow Ranch launch site accommodates all rockets from 1/4-A to M motors, with a 15,000 foot maximum altitude. The LUNAR Board requests notification of L and M flights a week before the launch date. Contact the LUNAR Members At Large directly, or post a message on [officers@lunar.org](mailto:officers@lunar.org). or [lunar-general@googlegroups.com](mailto:lunar-general@googlegroups.com).

### The LUNAR Hotline - (925) 443-8705

The Hotline is available to provide up-to-date event information. It's a good idea to call our Hotline to verify the date of the next launch or meeting.

On launch days, the Hotline recording is updated by 7:00 AM to reflect the Go/No-Go status of the launch. On launch days with questionable weather, it is especially important to call the Hotline to get the latest information. You can also leave messages on the Hotline.

### Meetings

Section meetings are held bi-monthly. These meetings cover general section business, and typically include presentations by club members or other experts on some aspect of the hobby, ranging from simple building tips to advanced science and engineering principles. Officers' meetings are held bi-monthly, alternate months from the section meetings, and typically concern administrative details.

The LUNAR annual meeting is held during the first quarter of the calendar year at a time and place announced to the membership. At this meeting, officers are elected and other club business is conducted.

### World Wide Web site!

LUNAR maintains a Web site at <http://www.lunar.org>

You will find a lot of stuff to see on the web site, and it always has the latest information about LUNAR and our activities. For example, you'll find our latest launch and meeting calendar, directions to our launch site, a gallery of photos from past launches, the on-line issues of the LUNAR'clips (the section newsletter), our section bylaws, pointers to member rocket pages, pointers to other rocket and space related information on the Internet, ... and lots more!

### Membership

Your membership fees support the costs of launch operations, equipment maintenance, meetings, newsletter, outreach events, and other public services. Join LUNAR now! Yearly fees for a family are \$25.