



have a total flight time from lift off to landing of 45 seconds. The one new requirement this year was the egg was on it side, making it harder to protect the egg from damage.

Other teams in the area are Cupertino HS, August Boeger MS, and the National Hispanic University. All the teams did an excellent job and learned some valuable lessons, which they will apply to next year's competition. I had many teams contacting me for advice. This is not an easy competition and to really be successful, the students need to get an early start and some experience flying rockets. I really enjoy working with the teams and hope to see everyone again next year. If you are interested in starting a TARC team for next year, please contact me.

Information about the Team America Rocketry Challenge available here: <http://rocketcontest.org/>

LUNAR Club Meeting Report

Dave Cummings, Secretary, LUNAR #450, NAR #78453

Minutes from March 19, 2009 Club Meeting

The main topic for this meeting was on NAR Competition. LUNAR's contest director, Tom Desmarais, led the discussion on NAR contests. He gave a good overview of NAR sanctioned contest and talked about all the different types of contest events. Tom will direct the upcoming contests planned for April and September. Check the LUNAR web site and the club newsletter for information on the contests.

Jack Hagerty finished the evening's discussion with his experience at NARAM contests. Jack has attended many NARAMs and he has been a judge in the scale events. He gave us an overview of his experience at NARAM and had one of his scale models there for show.

Other topics of the evening were the following:

1. Club president Dave Raimondi thanked Tony Cooper for getting new speakers for the club and also thanked Richard Hagen for the modifications to the high power pads.
2. Jack Hagerty and Alan Thym will be working on a new launch site in the Livermore area.
3. Motors have arrived for the Maker Faire and the rocket kits are coming soon. Charlie Wittman is working hard to get volunteers to help out at Maker Faire. Cliff Sojourner plans to work on paper saucers for the Faire. The Faire is on the last weekend of May.
4. Planning is under way for the 40th anniversary of Apollo 11 at NASA/Ames on July 18 and also for the celebration on the USS Hornet on July 25.

5. LUNAR's webmaster, Bill Orvis, is working on a new server for our web site, picture gallery, and email lists.

LUNAR BoD Meeting Report

Dave Cummings, Secretary, LUNAR #450, NAR #78453

Minutes From April 16, 2009 LUNAR Board of Directors' Meeting

Board of Directors Attendance:

PRESIDENT:	David Raimondi	present
PAST PRESIDENT:	Jack Hagerty	absent
VICE PRESIDENT:	Tony Cooper	present
SECRETARY:	David Cummings	present
TREASURER:	Sheryl Cooper	present
MEMBER AT LARGE:	Alan Thym	present
MEMBER AT LARGE:	Charlie Wittman	present
Other attendees:	Steve Kendall	

1. Jack Hagerty picked up the fire permit for Livermore.
2. No new progress on a new launch site in the Livermore area. Alan Thym is going to check with Ohlone College for any possibilities there.
3. Charlie Wittman reported that we have the minimum number of volunteers needed to help with Maker Faire. More volunteers are still wanted.
4. A Snow Ranch launch is not anticipated for May but keep watching just in case we get lucky with some more rains.
5. The treasurer, Sheryl, reported that the club has about \$5,000 in the bank and that the club is in good shape financially.
6. Key topics for the LUNAR club meetings were discussed. Currently have nothing scheduled for the July meeting. A build session is planned for the September meeting and the 99k rocket team is going to show off their big project at the November meeting.
7. The 40th anniversary celebration of Apollo 11 planning is still progressing. However, NASA/Ames is behind us in the planning stages. This should be an interesting event.
8. No more information on the Apollo 11 celebration on the USS Hornet. LUNAR hopes to be attending that celebration in July. It's reported that Buzz Aldrin will be there at the celebration. Volunteers will be needed for this event.
9. The LUNAR web site and email lists have been moved to the new server. However, there is a limit of only 500 email/hour which is not enough and Bill Orvis is working on a solution to this.