

**Things to keep in mind at launches:**

- ◆ First flights of all models should use the lowest power motor for safety (PLEASE read our [Safety Advisory](#)).
- ◆ If using your own launch pad, please make sure it is stable and will not tip over. We recommend use of a weight (brick or jug of water) on the legs. Bring empty jug(s) and fill with water at the park – then empty and take home.
- ◆ If it's hazy or if there are low clouds, we will have an altitude limit created by nature since we can never launch into clouds or beyond what we can see.
- ◆ As with any launch site, the objective is to launch and **recover** your model rockets safely, so plan ahead and **do not use the maximum power** or a big parachute if your model will go so high that it might float away!
- ◆ If there is a breeze, you will be asked to use do whatever necessary (lower the power/use a smaller parachute/angle the launch rod) to prevent your model floating away.
- ◆ Be sure to select a motor based upon the maximum lift-off weight recommended by the motor manufacturer. **DO NOT** use a longer delay motor just because it was listed in the kit instructions. The kit manufacturer often makes errors in assumptions about the final weight after gluing and painting. Using the correct delay time will avoid the danger of ejecting too close to the ground.
- ◆ Be aware we launch in undeveloped areas that may contain poison-oak, rattlesnakes, Africanized-bees, skunks, coyotes and other potential hazards. You must supervise your children (and be careful yourself) at all times. Because cars come and go throughout the launch, adult supervision of children is required in the parking areas.
  - ◆ **SCOUT OR YOUTH GROUPS MUST CALL US WELL IN ADVANCE TO AVOID SCHEDULING CONFLICTS AND IT'S STRONGLY RECOMMENDED THAT YOUR GROUP LEADER(S) TAKE ONE OF OUR CLASSES!!!**

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**PLEASE HELP PROMOTE OUR CLUB ACTIVITIES IN A POSITIVE WAY:**

- PAY YOUR PARK ENTRY FEES AT THE SANTA FE DAM WITH TWO-DOLLAR BILLS OR GOLDEN DOLLAR COINS. THIS RAISES THE VISIBILITY OF MODEL ROCKET USERS! You may want to use them whenever you spend money to create even greater visibility! Use them at lunch after launches or when shopping for hobby supplies.



***YOUR BANK MANAGER CAN ORDER THESE. THE FEDERAL RESERVE HAS SEVERAL HUNDRED MILLION, SO DON'T TAKE "NO" FOR AN ANSWER!***

- CLEAN UP DURING & AFTER LAUNCHES: PICK UP WADDING & IGNITER WIRES/PLUGS. We recommend flame resistant cellulose insulation (Cocoon brand) for wadding.
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- ◆ AFTER THE SANTA FE DAM LAUNCH WE WILL GO TO THE NEARBY MCDONALD'S OR JACK-IN-THE-BOX RESTAURANT. Plan to join us for lunch & conversation. Please pay for your lunch with Golden Dollars or Two-Dollar Bills as explained above. They're available at the safety check-in table at all launches.
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**We can do a special class at your location, just give us a call!**

**Perfect for Youth groups (Scouts, etc.), School groups, & Birthday parties!**

Materials Fee: \$20 to \$25 (depending on rocket) includes one motor for your first launch.

Call (714) 529-1598 or e-mail [mebowitz@earthlink.net](mailto:mebowitz@earthlink.net) to arrange class date & location.

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**SCRA launches at the Santa Fe Dam are scheduled to start at 8 am, but they will start late if volunteers do not show up early to help set up the launch equipment. Please arrive between 7 and 7:30 am to help. THANK YOU!!!**



Visit our NEW website: <http://mebowitz.com/>

# SOUTHERN CALIFORNIA ROCKET ASSOCIATION

PO BOX 5165  
FULLERTON CA 92838-0165  
(714) 529-1598 (evenings - leave a message during the day)



## THE ROCKET REPORT: 2020

SECTION 430

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### **SPECIAL EVENTS:**

**NAR Convention (NARCON 2020)** – March 6-8, 2020, Tucson, AZ

<http://www.nar.org/site/narcon-2020/>

**City of STEM:** April 4, 2020 Downey, CA. Hosted by the Columbia Memorial Space Center, 12400 Columbia Way, Downey, CA 90242. [www.columbiaspacescience.org](http://www.columbiaspacescience.org) SCRA will attend & help. All day STEM event with rocket building, launching!

**National Sport Launch (NSL 2020)** – May 22-25, 2020, Alamosa, CO

<https://www.nar.org/site/nsl-2020/>

**NAR Annual Meet (NARAM-62) and Rocketry Festival** – July 25-31, 2020, National Warplane Museum, Ganeseo, NY  
<https://www.nar.org/site/naram-62-rocketry-festival/>

**Rocket Fever 2020** – August 8, 2020, Downey, CA. Hosted by the Columbia Memorial Space Center, 12400 Columbia Way, Downey, CA 90242. [www.columbiaspacescience.org](http://www.columbiaspacescience.org) SCRA will attend & help. All day event with rocket building, launching! If any club members would like to volunteer at Rocket Fever, please contact us and we will get your name on the volunteer list. We often get free rocket products from Estes for our volunteers, so it is well worth your time to help with this outreach event!!

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### **COMPETITION NEWS:**

**NAR Competition has been simplified:** It is fun for everyone, so read the new info online. We'll hold local NAR competition launches if there are volunteers - contact us via e-mail or post a message on the [SCRA Web Group](#).

For additional information on competition events (rules, scoring), see the NAR website: <http://www.nar.org/contest-flying/>  
<http://www.nar.org/wp-content/uploads/2014/03/National-Rocketry-Competition-Explained-Aug-2017.pdf>

**\$100,000.00 Team America Rocketry Challenge for 6th through 12th graders:**

<http://rocketcontest.org/>

<http://www.nar.org/team-america/>

SCRA members are available to mentor teams.

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FIRST CLASS MAIL