

NASA Goddard Visitor Center Model Rocket Contest



FOR: All Area Model Rocketeers

WHEN: Sunday, July 20, 2014

WHERE: NASA/Goddard Visitor Center, Greenbelt, Maryland
(I-95 Exit 22A, Baltimore-Washington Parkway Exit for Route 193-East;
Then follow signs to Visitor Center on ICESat Road)

EVENTS: "Lunar" Spot Landing

COST: Free

REGISTRATION: Register at the launch site on the day of the launch

SPONSORS: This contest hosted by the NASA Goddard Visitor Center, sponsored by the Maryland Space Business Roundtable, and conducted by the National Association of Rocketry Headquarters Astro-Modeling Section (NARHAMS).

AWARDS: First through third place trophies for each event have been donated.

WHY: This event is to commemorate the 45th Anniversary of the Apollo 11 Moon Landing, and promote interest in Space Sciences among area students.

Contest Rules

1. The contest is open to all model rocketeers.
2. Contestants must follow the National Association of Rocketry (NAR) Safety Code
3. Modelers must provide their own models, wadding, engines, igniters, and prepping tools. The Space Center will provide the launch equipment suitable for 1/8" and 3/16" diameter straws (launch lugs).
4. In each event, contestants may fly either as an individual or as part of one team. Entry into both team and individual competition is not permitted.
5. Rockets must use a single (NAR classification and safety certified) engine for each flight. "D" class engines or greater are prohibited.
6. Total weight of the model with engine must be less than four ounces.
7. Rockets must pass a preflight safety, engine and weight inspection at the launch site prior to launch.
8. Models must land safely and must use either streamers or parachutes or gyrocopter-type devices for their recovery.
9. Rockets must not separate into two or more unattached parts during flight.

Contest Judging and Other Important Information

1. Modelers may launch their models one time.
2. A launch is a successful ignition of the engine. A flight is when the rocket starts to move upward on the launch pad and until the rocket finally stops its descent.
3. The object of the event is to determine whose flight comes closest to reaching the center of a circular 150'-diameter "Moon" marked on the ground.
4. If a model lands on the "Moon," contestants must leave the model undisturbed until the model is measured.
5. Officials will measure all models that land within the "Moon's" boundaries.
6. Measurement will be from the "Moon's" center to the tip of the model's nosecone. The measurement becomes a contestant's score.
7. The person with the smallest measurement (i.e., closest to the "Moon" center) will be declared the winner. The next smallest score will be second place and so on.
8. The contest will be flown in two age divisions: one is for those 15 years and younger; the other is for those 16 years and older. Teams will be classified by the age of the oldest team members.
9. Decisions of the judges are final.
10. These contest Sundays have traditionally been some of the hottest days of the year, so be prepared. Also, please be prepared to have FUN!

Time Schedule

Visitor Center Hours For This Event	12 Noon to 4:00 p.m.
Contest Registration	12:30 p.m. to 2:30 p.m.
Contest (Flying Period)	1:00 p.m. to 3:15 p.m.
Awards Ceremonies	3:30 p.m. to 4:00 p.m.

For further information, call the Goddard Visitor Center at (301) 286-8981, Tuesday through Friday, 10:00 a.m. to 4:00 p.m.