

January 25, 2011

Peter K Acevedo  
Eastern Service Center  
System Support Group, AJO2-E2  
P.O. Box 20636, Atlanta, GA 30320

Dear Mr. Acevedo:

The Heart of Virginia Association of Rocketry would like to apply for a Certificate of Authorization to launch Class 2 High Power Rockets as described in FAR 101.25. We request an annual certificate of authorization from April 1, 2011 to March 31, 2012 for launches that will occur only between sunrise and sunset on Saturdays and Sundays throughout the year. The proposed launch site is more than 5 nautical miles from the nearest airport and 1500 feet from the nearest occupied dwelling and highway.

The proposed launch site is approximately 8 miles from the Crewe Municipal Airport, 15 miles from the Farmville Regional Airport, and 18 miles from the Blackstone Army Airfield (Fort Picket).

The proposed launch site is beneath the Farmville Military Operations Area, which is active Mon-Fri. Because our launches are held only on weekends, they should not conflict with military exercises. Nevertheless, the Launch Safety Officer will check for any relevant NOTAMs and will cancel launches of Class 2 rockets if the MOA is active.

All launch operations will comply with FAR 101.23, 101.25, 101.27, 101.29, NFPA 1127, and the High Power Safety Code of the National Association of Rocketry.

If any questions arise in the consideration of this request, please contact me at 434-223-6181 or email [kdunn@hsc.edu](mailto:kdunn@hsc.edu).

Sincerely,

Kevin M Dunn (NAR #88710)  
President, HOVAR (NAR #704)

**The following is the rocket information attachment mentioned and provides the information requirements of FAR 101.29**

101.29 (a)(1) The Heart of Virginia Association of Rocketry will be launching approximately seventy (70) rockets each day of our weekend launch(s).

101.29 (a)(2) These rockets will be powered with commercial rocket motors utilizing Ammonium Perchlorate Composite Propellant (APCP) and hybrid rocket motors utilizing Nitrous Oxide as the oxidizer and a plastic or paper solid fuel grain.

101.29 (a)(3) The rockets will be ground launched from solid launchers that will maintain a vertical trajectory for the rocket as it leaves the launcher per NFPA 1127 and NAR safety code. Spectators and launch participants will be located 100 feet from the launchers.

101.29 (a)(4) The rockets will contain a parachute, streamer, aero-breaking, or gliding recovery system that will return them safely to the ground per NFPA 1127 and NAR safety code.

101.29 (a)(5) The rockets will be operated below 6000 feet AGL

101.29 (a)(6) The operations launch site is located at 37° 10' 58" N, 78° 14' 43" W, 560 feet AMSL.

101.29(a)(7) The flight operations will be conducted per all details of FAR 101.23, FAR 101.25, as well as following the NAR high power rocket safety code. Farmville Military Operations Area is active Mon-Fri, and our launches will be held only on Saturdays and Sundays. Nevertheless, the Launch Safety Officer will check for any NOTAMs prior to launch and will cancel Class-2 rocket launches if the MOA is active. The LSO will also notify FAA ATC of launch activities as described in FAR 101.27.