

# Big Sky Rocketry Association

Tripoli Montana NAR Montana Section March 2001

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## President's Note

This is the first of (hopefully) several newsletters we will generate this year. This one was done in a hurry as I am leaving for Hawaii tomorrow.

We are a fairly small group and as such many of our procedures have not been formalized. Certain procedures must be followed to insure the safety of everyone involved. After a mishap at our last launch, I am only going to allow the use of the 6-pad launch system. If you want to push the button for your own flight, please familiarize yourself with how this system works - I will be happy to show anyone how to use it.

Please be familiar with the NAR Model Rocket Safety Code. This will be enforced at all launches.

On a different note, Thomas Ames is hard at work trying to obtain a site near Lavina so that we can apply for a higher waiver. Our current site is in Class C airspace for the Billings Airport and limits the altitude that Billings ATC is willing to grant us. Steve Shannon is

looking into a site in the western part of the state near Whitehall.

## March Launch Report

The March launch came off better than expected. The weather was cooperative for the most part, though the winds were more than we would have liked. Only 17 flight cards were filled out, but there were definitely more flights than that. We will try to get a flight card filled out for every flight at future launches.

Mike Philo came out from Bozeman to certify Tripoli Level 1 with a LOC Vulcanite on an H123-10W motor. The flight was a complete success. Welcome to high power! Mike also flew his Heavy Duty Beauty on a G80-7T for another nice flight.

Thomas Ames received his Tripoli Level 2 certification with a spectacular flight of his LOC Syonic on a J415-W. This was the last flight of the day and also the largest motor of the day. Congratulations Thomas! He also flew his stretched EZI-65 on an I211-W. Both flights had dual deployment activated by his Radio Flyer controlled main deployment and worked perfectly.

Andrew Meteer launched a rocket on an I154 -10J (sorry, I didn't get the rocket's name). This was a good flight except for a small zipper in the body tube. Andy also flew his PML Sudden Rush on a J350-W for a nice flight to 4,200 feet.

Grant Emery flew his Flying Saucer three times, and also his recently built Twister for three more flights. Despite the fact the Twister never twisted, all were enjoyable flights.

Pat DeWitt put up his Lil' Nuke on a F24-4W. He also flew his scratch built ASP on a G33-7J. Scott DeWitt flew his Custom Rockets Redliner.

Dale Emery flew his carbon fiber Estes Big Daddy on a G64-7W. The carbon fiber held up well to the too-short delay. He flew it again, this time on an H97-10J. The rocket demonstrated some interesting mid-flight corrections. His last flight of the day was the Javelin on a J275-W. It reached an altitude of 3,517 feet. The main parachute deployed early, but fortunately the rocket did not drift too far.

## 2001 Launch Schedule

April 21	May 19
June 16	July 21
August 18	September 8
October 20	November 17

Launches usually run from 8am to 4pm, weather and other factors permitting.

## Events List

The following list is of area or national launches of interest, or educational events we are involved in.

Laurel Aviation & Technology Week  
May 16-17 (Display Table)

NAR National Sport Launch  
May 26 - 28  
Pony Express Test Range, UT

Cody Fireworks Display  
July 4 (Rocket launches beforehand)

LDRS 2001  
July 19 - 22  
Lucerne Valley, CA

HellFire 7  
September 14 - 16  
Bonneville Salt Flats, UT

## Sponsors

**Jim's Junction**, located at 811 16<sup>th</sup> Street West, has been a sponsor of BSRA since 1999. Jim's Junction stocks Aerotech kits as well as single use and reloadable motors up through G. BSRA members enjoy a 20% discount on all rocketry purchases. Please remember to tell Jim you are with BSRA before the purchase.

## Internet Links

Tripoli Montana  
<http://www.tripolimontana.org/>

National Association of Rocketry  
<http://www.nar.org/>

Tripoli Rocketry Association  
<http://www.tripoli.org/>

Rocketry Online  
<http://www.rocketryonline.com/>

## Officers List

President	Dale Emery
Vice President	Pat Kenney
Treasurer	Steve Shannon
Secretary	Pat DeWitt
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