

# Jackson Model Rocketry Club

# JMRC NEWS



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March 2011

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## 2011 LAUNCH DATES

April 9	MIS
MAY 14 & 15	MIS
June 11	TBD
JULY 9 & 10	MMAR
August	TBD
September 10	TBD
October 8	MIS
November 12	TBD
December 10	TBD

April and May launches at MIS. June, August and September location TBD

Two day launch at MMAR on July 9th and 10th. Fall launch locations to be announced at a later date.

## March 2011 Launch report

If there was a word that summarized the March 12<sup>th</sup> launch at the Gates campground at MIS, it would be "windy!" The wind was blowing hard that Saturday, but even so, a surprising number of people turned up at the launch. There were 3 TARC teams there hoping to have a chance at a qualifying launch. While 1 team went so far as to put their rocket on the pad, the winds never really gave them a chance, and none of the teams was able to launch.

Dale Hodgson opened the flying with a low power rocket to gauge the wind. As Dale had suspected, it was in fact windy, but a short hike brought his rocket back undamaged.

Not to be out-debauched, Scott and Tony flew a Dizzy



Izzy on hybrid power while testing an experimental hybrid ignition system. They had at least 1 successful flight over 2 or 3 attempts, and hopefully gained the answers they wanted before the winds drove them back into the trailer.

The SLI team from the University of Michigan was there, and they were able to put their rocket up

## UPCOMING BIRTHDAYS

The members below have birthdays coming up in the next few months, so if you see them at a launch, be sure to wish them a happy Birthday!

### APRIL

Chris Palmer 4/5  
Terry Leright 4/12  
JoAnne Miller 4/26

### MAY

Sam Kelly 5/5  
Rebecca Lubawy 5/8  
Dave McVeigh 5/8  
Bob Dickinson 5/19

Robert Dickinson 5/27  
Scott Miller 5/31

### JUNE

Eldred Pickett 6/7  
Bill Poster 6/12  
Roger Sadowski 6/16  
Kevin Jusczyk 6/23

Remember, I can only post the birthdays I have, so if you don't see your name here, please let me know your birthday, and I'll get it posted!

Thanks!

for an electronics test flight. It took the team most of the day to prep



their rocket, as they learned all the things that first timers forget to bring! Fortunately, JMRC members were on hand with needed supplies, answers, and advice, and they had their 4" rocket ready to launch by mid-afternoon. The rocket went up on a CTI motor, and they flew the field well, as the dual deployment system worked perfectly, and the rocket came down just downwind of the trailer.



Once the SLI team cleared the rail, Chris Palmer brought out his "Jackwagon Tissue Box" rocket, complete with a rectangular tissue box as a nosecone, including fiberglass pull-out tissues! The rocket flew well, but landed on the iced-over pond at the east end of the field, which made for an interesting, but finally successful, recovery!



Obviously, there was not a lot of flying on Saturday. However, there was good camaraderie in the trailer as everyone got warm, good food from Pinky as she ran the JMRC Café over next to the restroom building to block the wind, and a good time was had by all. Thanks to Miller Motor Works and Impulse Buys for coming to supply the motors.

Submitted by Rob Dickinson

Photos by Buzz Nau

## 2011 CONTESTS

We will be holding a 2011 altitude contest at each launch this year. It will run until the 2011 Christmas party, or till the altitude is hit. Half of the money donated will be paid as the prize. The rules will be the same as the 2010 contest. We will also have random altitude contests at some launches. In addition we will have a Bunny Chute, Masters Tournament and the second annual Turkey Chute. Each of these will operate the same as the Turkey Chute we had in November. Participation in these contests is a fun way to help finance club activities.

## February Maintenance Day

The launch scheduled for February twelfth had to be cancelled due to excessive snow blocking the access to Michigan International Speedway. Once the launch was cancelled for the month, it was decided to have a maintenance day at Rogers house on Saturday February nineteenth. Tony Haga, Roger Sadowski, Rob and Bob Dickinson met at Rogers's house to work on getting the launch equipment ready for a full year of flying.

All of the batteries in the launch boxes were replaced. The boxes were cleaned and all of the connections were checked. New alligator clips were installed on both low and high power leads as needed. Any wiring that was corroded was replaced.

The hybrid launch equipment was inspected and cleaned.

Rob brought some Paczki's and Roger made a pot of coffee.

Roger grilled hamburgers and hot dogs for lunch.

We had a great time talking about a little bit of everything and a lot of rocketry. All of the electronic equipment should be in great shape for this year's launches.

The next launch is scheduled for March twelfth at Michigan International Speedway. Hopefully the roads will be clear enough so a launch can be held.



## P<sub>THE</sub> TO

The PTO (Pay the trailer off) fund raiser will be held at all of our launches in 2011. The objective of the fund raiser is to pay off the trailer loan by the end of the year. We will be accepting donations at each launch. All donations will be recorded so that each donor will get a donation letter for tax purposes at the end of the year. This fund raiser will replace the Willow Run Fund we held in prior years. In addition to taking donations at the registration table we will have canisters in the trailer and in the mule. Please consider making a donation at each launch. We will have a link at <http://www.sfsmindustries.com/thermometer.htm> that will track our progress. The total amount we owe on the trailer is \$3850. We will be making our normal monthly payments on the trailer which will be included in the tracking. Let's start 2012 with no trailer debt!

## DIGITAL TV

Chris Palmer has donated a digital TV to be used as a fund raiser. We will be selling raffle tickets at each launch. The tickets will be \$5.00. The drawing for the TV will be at the two day summer launch.



A donate button has been added to the JMRC web site. This button provides an easy way to make a donation to the Pay the Trailer Off fund. Just click the button and you can use either a credit card or a bank account to make a donation. The donation is handled by Pay Pal. Your account information is only seen by pay pal. Please consider contributing using this button.

## ROCKET KIT RAFFLE

Terry Leright has contributed a 75MM carbon fiber rocket kit to the club. We will be Raffling off the kit. The proceeds from the raffle will be put towards the PTO fund. Tickets will sell for \$25.00 each. We will be selling a total of forty tickets. The tickets will be offered first to JMRC members and others who attend our launches. If we do not sell all forty we will open the raffle up to any-



one who is interested.. The kit will be raffled off as soon as we sell forty tickets or at the Christmas Party in December.

The kit includes

- 1 - 48" Fabric wrapped carbon airframe using 4x4 twill
- 1 - 24" Fabric wrapped carbon airframe using 4x4 twill
- 1 - 9" long carbon coupler
- 3 - 1/4" thick carbon fins with a 12 degree bevel on them
- 1 - Performance Rocketry Von Karmen Nose Cone

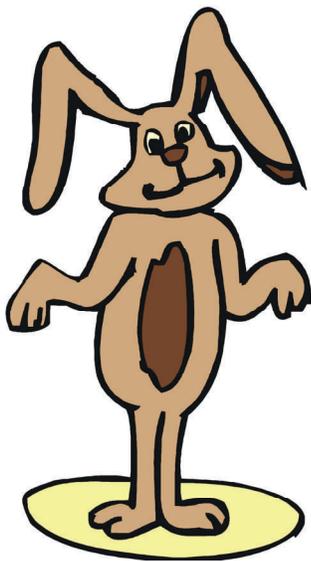
1- Enough matching carbon material to attach the fins



The airframes are finished to the point where you can sand them with 320 grit and clear paint them without priming.

This is a high quality kit that be a great addition to the winners rocket fleet. Please support the Club and enter for a chance to win.

## BUNNY CHUTE



We will be holding a Bunny Chute contest in April. The prize will be \$20.00 donated by DAFS. The object will be to land your rocket close to the Bunny target on the field. To enter the contest please write "Bunny Chute" on the launch card and put \$2.00 in the box on the LCO table. Proceeds from the contest go towards the clubs general fund.

## 2011 in 2011

April will be a great time to enter the 2011 in 2011 contest. The entry fee is five dollars. Fifty percent of the entry fees will be awarded to the flyer who comes the closest to a flight of 2011 feet without going over. Enter the contest at the check in table and declare your flight to the LOC or a BOD member. A BOD member must verify the altimeter data and sign the entry form. The contest will run until the Christmas party unless someone has a 2011 foot flight.



### Jackson Model Rocketry Club

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**We're on the Web!**  
**www.jmrconline.org**

*Blast off with Rocketry!*

*The Jackson Model Rocketry Club (JMRC) is a prefecture of the Tripoli Rocketry Association (Prefecture 96), and the National Association of Rocketry (Club 620). JMRC is a 501(c)3 tax-exempt organization, and donations to the club are federally tax-deductible.*

*Prefect—Scott Miller*

*Vice Prefect—Roger Sadowsky*

*Secretary—Rob Dickinson*

*Treasurer— Bob Dickinson*

*JMRC holds launches monthly (weather permitting) year-round from two primary fields in the Jackson area. The club has launch equipment sufficient to launch any rocket from the smallest Estes model to large high power rockets, including hybrids. Waivers are 5,000 ft. AGL or 9,000 ft. AGL, depending on location. To find our next launch, or for more information on JMRC, see our website, [www.jmrconline.org](http://www.jmrconline.org), or call Roger Sadowsky at 517.764.7514.*