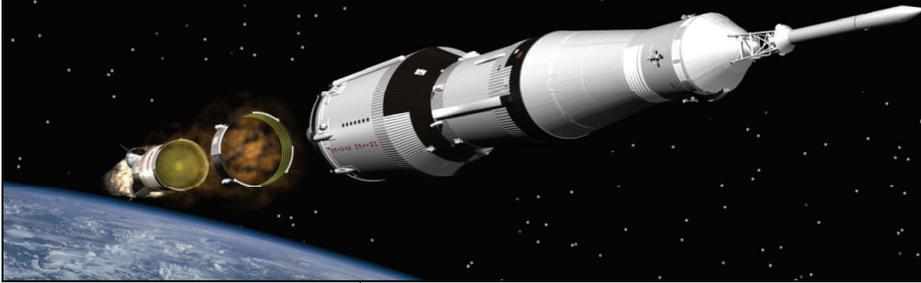


Jackson Model Rocketry Club



JMRC NEWS

Volume 5 Issue 3

April 2011

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2011 LAUNCH DATES

MAY 21 & 22	MMAR
June	TBD
JULY 9 & 10	MMAR
August	TBD
September 10	TBD
October 8	MIS
November 12	TBD
December 10	TBD

May launch at MMAR. 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.

APRIL LAUNCH REPORT

The April launch was held on April ninth at Michigan International Speedway. The day started out quite cloudy and not real warm, but improved later in the afternoon. Twenty one fliers made a total of



Buzz Nau's Taurus Clone & Intrepid rear engine boost glider

87 flights and used ninety seven motors.

Buzz Nau made the most flights with a total of sixteen. David Lane made 11 and Carl Wagner made ten. Once again Carl had the best flight in the Bunny Chute contest with his Big Daddy. It will be interesting to see if Carl can win three times in a row during the Masters Tournament at the May Launch at MMAR. Eldred, Rob and Bob have built a 12"



diameter crayon rocket. Rob and Bob brought it to the April launch to do ground testing. The ground tests were successful and the rocket was scheduled

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

MAY

- Sam Kelly 5/5
- Rebecca Lubawy 5/8
- Dave McVeigh 5/8
- Bob Dickinson 5/19
- Robert Dickinson 5/27
- Jeff Lewis 5/27
- Scott Miller 5/31

JUNE

- Eldred Pickett 6/7
- Bill Poster 6/12
- Tom Kurecka 6/14
- Roger Sadowski 6/16
- Kevin Jusczyk 6/23

JULY

- Rick Sharp 7/21
- John Potts 7/29

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 launch at Three Oaks. Unfortunately, the weather did not cooperate and the rocket did not fly.

Mark Schaffer became the newest member of JMRC. Mark had a successful level one flight with his rocket "Velociraptor" on an I195-11 motor.

Two 2011 contest flights were made. Fred Ziegler is the current contest leader with a flight of 1480 feet. Fred flew his "DeBauchery" rocket on a G-69 motor.

Fay Tomlinson made a successful Junior Level One flight with her rocket "Noon to the Moon" using a H143SS motor. Fay is a foreign exchange student from the country of Kenya. The village of Malindi where she lives has around 2,000

Fred Ziegler's upscale 220 Swift with a Red Arrow nozzle retainer.



people and is primarily a fishing village. Fay is currently living with her host family/parents in Omer, Michigan attending High School as a senior. Her goal is to return to the United States to become an Aerospace Engineer at the University of Arizona. Mark Schaffer, who is Fay's exchange father for this school year also achieved L1 during the same launch. Mark lives in Omer and is a husband and father of 3. He is the head of plant services for the Omer school district. He enjoys many outdoor activities. He is a United States Ambassador for the AYA Foreign Exchange Student

Program and has visited many countries in that capacity.

Pinky did her usual outstanding job, preparing and serving lunch at the JMRC Café.

Terry Leright attended the launch and brought the carbon fiber kit he had donated to the club. He also brought his latest project with him. The rocket is really impressive. I am not sure I could fly a rocket that looked that good!

Chris Palmer and Barbie attended the launch. As usual, Chris gave Barbie a very exciting day. During the day Tony Haga announced "this is definitely a heads up flight" I didn't hear the name, but I was sure that Chris was flying something

Jim Fustini & his AIM-9 Sidewinder scratch built



We have just learned that the April launch will be the last one we will have at MIS until the fall. The Board of Directors has moved the two day May launch to the MMAR. They have also applied for a waiver to fly at a field that Buzz Nau has located and received permission for us to use. Our current plans are to hold a launch at the new field in June.

Photo's by Buzz Nau & Bob Dickinson

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.



Tony, Chris, Tom and Art visiting between flights.



JMRC GROUP PROJECT

At the April launch Terry Leright and Scott Miller proposed that we start another Yahoo group to develop a multi-stage rocket with the ability to have in flight control. Here is Scott's description of the project;

"On a different note Terry has a booster built and wants to turn it into a group project and what will be involved needs a lot of people! If anyone is interested please feel free to join a separate group created for this project at...

<http://groups.yahoo.com/group/JMRCGroupProject>

This project will need help in many areas such as design, construction, simulation, website, Class 3 Waiver process, electronics, GPS, active stability, and the countless other areas that we haven't thought of yet. Again we want anyone and/or everyone that is interested to join us!"

-Scott



P_{THE} TO

The PTO (Pay the trailer off) fund raiser will be held at all of our launches in 2011. Through April we have \$983.85 in the fund. 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!

[Donate](#)

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 are selling 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 raf-



fle up to anyone 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.

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.



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!
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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, or call Roger Sadowsky at 517.764.7514.