



March 2010

Propwash

MUROC MODEL MASTERS, EDWARDS AIR FORCE BASE, CALIFORNIA

Visit us online! <http://www.murocmodelmasters.org>

The Muroc Model Masters is an
Academy of Model Aeronautics
Club No. 1737

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**Muroc Model
Masters
P O Box 2194,
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The Next Meeting Will Be On Tuesday,
April 6, 2010
At Floyd Mathews House
in Rosamond at 6:00 pm.
See You There!

The Flying Field is
CLOSED!

Due to the recent rain, access to
the flying field is flooded
as is the pits.

Tips & Tricks

A good way to prevent your landing gear wheels from falling off the axles is to thread the axle and fix the wheel with an aircraft (self-locking) nut. It will not fall off!

If you need an air scoop, use a portion of a plastic spoon. Glue it to the wing or fuselage, fair it in, and paint it to match the structure. Looks great!

2010 Membership Cards

For 2010, please remember to get your AMA insurance renewed before you renew your MMM membership. In order to have a 2010 MMM card issued, you need to provide a copy of your 2010 AMA card and driver's license or military ID and an **updated application**. The application is on line at <http://www.murocmodelmasters.org/>. Click on "About Our Club".

Club applications may be mailed to Muroc Model Masters, **Post Office Box 2194, Rosamond, CA 93560-2194**. Checks can be made payable to Muroc Model Masters. Membership dues are still just \$25 for the whole year. If applying in person, please see Charlie Threewit, Treasurer, at the field or meetings.

Getting Kids Interested in Modeling

by Mike Brown, Interim District X Vice President

Today's youth have "more choices" of things to do, such as video games, which for the most part are done indoors. But many still like to do outside things.

So why don't we see them hanging out watching us fly, asking question after question? I think it's because clubs are not in towns the way they used to be. Kids can't watch modelers fly right in their own neighborhoods, becoming interested the way I am sure many of you did when you were young. So, because most clubs are way out past the edge of town, how can we introduce kids to modeling? One way is at events where we advertise something such as buddy-box flying, or free rubber-powered airplane building. Parents will bring their kids to those events. I thought the Park Pilot program would be huge. With very low-cost insurance, pilots could have another club in town, flying little stuff. Then once again we would introduce modeling to kids. If you've ever flown a small airplane or helicopter at your local ball field I am sure you know what I mean. I bet you've had kids (of all ages) come by to watch and ask questions.

Another way is to go to schools and talk with teachers about our clubs. Invite them out for a field trip or offer to come to the school with a couple club members and build and fly gliders or rubber-powered airplanes. This way we can reach classrooms full of students all at the same time.

That is what this article is about, getting kids interested in aviation, modeling, and learning a little science, math, and a few other things, all at the same time.

The AMA has a program called AeroLab. It is a set of two DVDs, that teaches folks like us, or school teachers, how to teach kids how to build and fly a few simple rubber- and glider-type airplanes (even a paper helicopter), and learn some basic concepts in physical science at the same time. Now before you say, "I can't teach that stuff," I never learned it as a kid myself. That is why the DVDs are so good. They teach you how to do it, and it's simple, basic stuff.

I thought I'd let you know about one part of the program I am going to use soon. It's been raining every day here lately and it's something we can do inside a classroom, or several at the same time in a gym. This is the simplified version, but if you get the DVDs it goes into detail with a video of everything. You build a slide-together, rubber-powered balsa plane. One end of a two-meter piece of string is attached to one end of the wing, the other end is attached to a nail (by means of a paper clip). The nail (in a piece of wood) is taped to something such as an upside down garbage can (to hold the string in the air). You wind the rubber band (the same number of winds each time) and place the airplane on the ground. One student has a stop watch, another will count laps. The airplane is released and within a lap it will take off and the time started. The laps are counted and the time stopped when the wheels touch down. Figuring the distance around the circle and the time flown will give speed. Weight can be added and the effects of drag taught, or two airplanes can be put on the same nail and you have Pylon Racing!

The DVDs are helpful. It's a simple way to get kids started in modeling and inviting them to the field for a field trip will provide even more fun. The fun ideas on the DVDs can also be done at the field, but so can others. Take a simple Delta Dart build. It takes about one hour for a group of 40 people to build and balance their creations. That is of course with a good group of volunteers and setting up properly at the start.

If you plan to do this with a larger group, or if you need to get the build done faster (like at a mall show), stick to a glider or simple, slide-together, rubber-powered airplane like the DVDs talk about. These can do the trick nicely.

For a more challenging build, the Delta Darts are only \$41.99 for a pack of 35 through the AMA store. All you need to supply are pins, single-edge razor blades (supervised of course), glue, and a building board (which is a small piece of cardboard). The Northern California R/C Unlimited Flyers like to have the builders meet in the center of the runway at noon for a mass launch.

Remember to read the directions and balance your airplanes. Little rubber planes such as the Delta Dart don't fly worth a hoot if they aren't balanced! ➔

MMM Meeting Minutes 02 March 2010

Meeting was called to order at 6:15 P.M. by club President, Ron Scaggs. The meeting was held at the Rosamond Sky Park home of Floyd and Deloris Mathews. There were twelve members and guest in attendance. The February minutes were read by club Secretary, Jerry Rice with Steve Wells moving they be accepted as read and a second by Rob Marriccino. The motion carried. Treasurer's report was given by club Treasurer, Charlie Threewit with Wes Parmeter moving the treasurer's report be accepted and second by Tony Accurso. The motion was carried. Treasures report was given to Secretary, Jerry Rice to be filed.

Old Business:

At this time the access to the flying field is still under water thus the field remains closed. The club still plans to restripe the field as soon as possible.

New Business:

The members in attendance discussed the use of 2.4 GHZ radios at the Model Masters field, and the use of video equipment on model aircraft with respect to some Air Force mission and security concerns being brought to our attention. Meetings are currently being scheduled to address these issues in an effort to retain Model Masters access to the lake bed. More to come on this subject.

Show and Tell:

Tony Accurso brought a "Banana Hobby" foam ducted fan F-86. It has a 25.7" w/s and Tonys' young daughter, Evelyn has flown it and did very well.

Lesli Monforton brought an E-Flight RV-9 450ARF. It weighed in about 40 oz. We thank those who shared with us, both for the aircraft and for coffee and cookies.

Ron Scaggs motioned the meeting be closed at 7:15PM with a second by Harold Jeffries. Again the motion carried.

Attendance for the March meeting was as follows: Ron Scaggs; Wes Parmeter; Jerry Rice; Charlie Threewit; Robert Marriccino; Floyd Mathews; Lesli Monforton; Tony Accurso; Evelyn Accurso; Harold Jeffries; Bob Smith and Steve Wells.

These minutes were written by club Secretary, Jerry V. Rice on 10 March 2010.



For those who missed the RCX show this year, I took a few pictures. There weren't a lot of vendors in the aircraft building but the crowd was there. The car building was twice the size and it was so crowded – like the I405 during rush hour (of which one can't) – I stayed about 2 minutes. The show is small but I always spend more money.

