

MATHER AEROSPACE MODELERS INC.

AN AMA GOLD LEADER CLUB

CHARTER # 1243



<http://takeoff.to/mather>

June 2005

Volume 1, Issue 6

June Meeting

Presidents Message

Dean Raymond brought the meeting to order at the flying site. Dean asked the crowd if there were any new members or visitors, none were present. Dean commented that our club was a 3F club, which stands for Fun, Friendship and Future. He stated that the flying site committee is still in tack and moving forward with preparations for a new flying site. Dean pointed out the proposed location of the new college, home sites and the possibility of commercial development, which will inevitably come.

Secretary's Report

Mike reported that there were 7 new members since the May meeting. The club has a total of 186 paid members for 2005.

Treasurer's Report

Dick was not able to be at the meeting but details on the account balances can be obtained by attending a meeting or speaking personally with Dick.

From the Editor: First thing I would like to thank the membership for being patient with my absence from the April and May meetings. Secondly I am going to recap the previous meetings in the old business section of this newsletter using the secretary's minutes as a reference.

Old Business: April - Dean reported that the club has it's "Wish list" to present to Cordova Parks. He hopes to set up the meeting in the next two weeks. The delegation will consist of our board plus Dan Hagen, Dave Sullivan, Ellis Hall and Rex Williams Jr. It was decided to keep the Weapons Storage Area, just north of our site as an open option. We will try to get permission to see it two weeks from Saturday. Mike will call and set up an appointment with Sac. County Parks and Rec. Dan H will contact the Army Corps of Engineers to see if they have a place we could put a site. They gave a club a nice site at Don Pedro Dam. The order for tee shirts is ready to go in. It was decided that they will be blue. It was decided we will have our annual open house in September; we will have a "Fun Fly" in June.

Dan Hagan suggested that anyone instructing or flying demos be passed off as qualified to handle a plane. A long discussion followed with all kinds of suggestions for checking, qualifying, policing

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| | | Flight Instructors | |
|--------------------------|---|------------------------|--|
| President | Website Manager | Safety Officers | Coordinator: Dean Raymond (916)363-3326 |
| Dean Raymond 363-3326 | Kenny Bemis 681-2495 kenny@lanset.com | Chuck Roundy | Bob Lind 966-3721 |
| Vice President | Newsletter Editor | Leader Member | Dean Raymond 363-3326 |
| Bud Buettner 638-3147 | Mark Sherrill 209-745-7758 mksherrill@sbcglobal.net | Rex Williams Jr. | Chuck Roundy 715-0860 |
| Secretary | | Member-at-Large | Les Gillet 455-7148 |
| Mike Clawson 967-0424 | | Bart Holdener | Ellis Hall 331-6302 |
| Treasurer | Field Marshall | | Ed Sutter 361-8200 |
| Dick Lydick 362-7492 | Norm Poynter | | Rex Williams Jr. 362-8988 |

Old Business Continued from page 1: flyers and their planes. Dean finally called for a motion and the discussion died after someone said it sounded like we were becoming a Gestapo club. Bud Buettner suggested a flying checklist card be made and given to flyers to gather data on how the flight went, if there was a problem- what was it?, If you landed off of the field- how far did you walk to get your plane?, and other items of interest to the Club. This data might be helpful in developing future guidelines for the Club. Bud will make up the cards for approval by the members. Dave Sullivan suggested a field pass not be issued until a safety check is passed. Dean suggested we have a "newbee" day.

May - Dean opened the meeting at 7:02, he welcomed all and expressed his gratefulness for being in the club and seeing friendliness. Dick gave treasurer's report. Mike read the April minutes and they were approved as read. It was suggested the club establish some ground rules for future events as to whether a club member be responsible for losses, at a club event, or have the club cover them. Chuck Roundy gave a safety tip: be extra vigilant when charging li-poly batteries; never leave them unattended when charging. They CAN catch fire and/or explode. A member reported that he had been having trouble with interference with his radios; so he took them to George S. and found out that the connectors were not making good contact. George then explained that all 28 connectors can get moisture/corrosion on them and interfere with operation. He suggested that all contacts periodically be checked and cleaned. 80% of problems are blamed on the receivers, 90% of the problems are due to connectors. Dean reminded us of the Mall show June 11. Rex W. reported that Sunrise had different rules; we will have to go in at a specific location and stay the whole day. He will give more details at the next meeting. Dave S. talked about the "fun fly", Sun, 14 Aug. It was suggested that it be "the 1st annual memorial Al (Pete) Pederson Fun Fly, all agreed. The club shirts arrived and 28 were sold

at the meeting. Hank P. was thanked for his efforts in procuring the t-shirts. The t-shirts will be for sale while supplies last. The June meeting will be held at the flying field. Dan H. brought the fact that we need to stay on top of the hunt for a flying site to rent or buy. The weapons storage area is still an option. He suggests all members visit the site in order to form your own opinion. The club will still pursue the possibility of something at one of the proposed Cordova Park sites. John was awarded the "Golden Pile It" trophy. **June** - The site committee is still pursuing locations for a future flying site. The Sunrise Mall Show is Saturday June 11th. For more information contact Rex Williams Jr.

Safety: Chuck made the group aware of the fire danger that exists with all the dry grass around the flying site. He strongly recommended having a fire extinguisher handy if you are flying a spark ignited internal combustion engine. Chuck also indicated that you should cut the throttle before impact if you are flying an electric plane with li-poly batteries.

New Members: No new members were present.

New Business: Sacramento Valley Soaring Society sent us an invitation to their 14th Annual Spring Fling event being held on June 25th and 26th. They anticipate 150 pilots; there will be vendors, food and a raffle. Visit their website for more information. www.svss.org/spring_fling.htm

Dave Sullivan was nominated and awarded the "Golden Pile It" award. The next two meetings, July & August, will be held at the flying site.

Show and Tell:



Bob presented his 3 meter Barracuda

Show and Tell Continued:



Richard dazzled the members with his jet engine



Matt brought his Cerramark Breeze glider



Karl showed us his first kit - Force 1



Bob shared his Dragon 40 EP

THANK YOU!

R/C Country The Hobby Shop

6011 Folsom Blvd., Sacramento, Ca. 95819
916-731-5868

The Mather Aerospace Modelers would like to thank Chet and Terry, owners of RC Country, for their continued dedicated support of our club. With your generous contributions and subsidies we have historically had successful raffles at our monthly meetings and events.

Show and Tell:



Richard exhibited his C-47



John shares the rocket he built for the Mall Show

IMAA at Castle Airport 2005:



Two of Howard Hughes's beautiful creations



Mr. Sullivan performs a post flight inspection on his new plane after a successful presentation



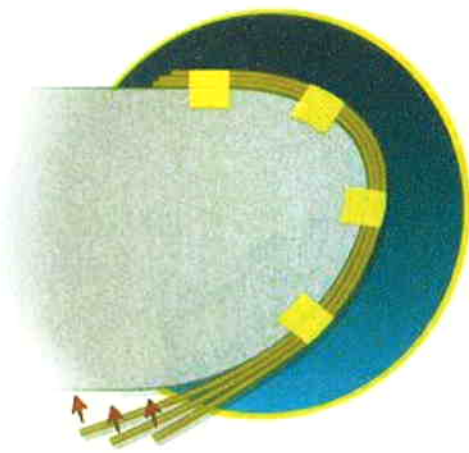
Gorgeous stagger winged biplane



WING TIPS

Illustrations by David Baker davidb@flyrc.com

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LAMINATING OUTLINES

Laminated flying surface outlines are stronger, lighter and more warp-resistant than other construction methods. Everyone has their own tricks. Here are a couple of mine: I apply glue to all the laminations and stack them all at once, and then "wrap" them around the edge of the form. I tape one end of the stack to the form, and then gradually pull and bend the stack around the form, taping periodically as I go. Plastic tape or plastic wrap works well to prevent the glue from sticking to the edge of the form. You can also wax the edge of the form with beeswax or crayons if you are NOT going to heat the piece to accelerate drying. The laminated piece usually ends up with some of the pieces misaligned, so I make the strips slightly wider than the piece I need to allow for some sanding. For instance, if you are making up an 1/8-inch high piece, you should use strips that are 5/32 or even 3/16 wide.

Kennit Walker, Lodi, CA



the heat-shrink tubing over one wire. Wrap a small piece of foil around the popsicle stick as insulation, then use the clothes pins to hold down the wires against the foil. The insulated stick provides great stability and support as you solder the joint, and the solder won't stick to the foil. Once the joint is secure, you can remove the clips and shrink the tubing to protect the joint. This jig saves me from burning my fingers and keeps the wires straight and the solder joint more precise.

Tim Morris, Deerfield, WI

MOUNTING PILOTS

Attaching soft pilot figures to the cockpit floor of my models was a challenge until I came up with this method. Purchase a spray can of expanding foam insulation at the local hardware store and inject the foam into the figure's head up to the shoulders. Insert a 1/4-inch wooden dowel into the foam up to the top of the head and hold it in place until the foam hardens. Trim the base of the figure, removing all excess material to make a good seal with the cockpit floor. Drill a 3/4-inch hole in the floor and insert the dowel, gluing to hold the figure in place.

John R. Schenk, Pembroke, Ontario, Canada



BALANCING PROPS

After trying the usual techniques to balance a prop (sanding the heavy blade, painting nail polish, or taping) on the lighter blade, I came upon this method, which is a lot easier, cleaner, and more accurate. Use sign vinyl. Cut a small square or rectangular patch, lightly apply it to the back of the lighter blade, then check the balance. If it is too heavy, tease up one edge and trim it until you arrive at that perfect balance. Vinyl sign material has a very strong

adhesion. Once applied it stays put, even on glow props! Any local sign shop should have plenty of small scraps, and they are usually happy to share some leftovers. When I have mentioned using it for RC planes, I've sometimes walked away with pieces large enough to apply as part of the color scheme - a bonus! *Mike Parkes, Waverly, WA*

SIMPLE SOLDERING JIG

It's always hard for me to hold wires together precisely while soldering them together, so I made a simple jig from a popsicle stick,

some aluminum foil and two clothes pins. Strip the wires and slide

MASM, Inc
RC Flying at its
Best



An AMA Gold Leader
Club

Charter # 1243

June

11/ Mather Aerospace Modelers Mall Show @ Sunrise Mall, Citrus Heights, CA
10-11-12/ 13th Annual NorCal Regional Float Fly @ NorCal R/C Unlimited Flyers,
Red Bluff, CA

11/ T-34 Triangle Series @ SCCMAS, Morgan Hill, CA

12/ All Scale Contest @ Vaca-Valley R/C, Vacaville, CA

18/ Pattern @ SAM, Sacramento, CA

18-19/ IMAC @ Whittier, CA

25/ Giant Scale Fly-In @ SCCMAS, Morgan Hill, CA

25-26/ Q500/QM-40 @ Sepulveda Basin, CA

25-26/ Spring Fling 2005 @ Sacramento Valley Soaring Society, Davis, CA

26/ 2nd Annual Bee Fly-In @ Delta Valley Modelers, Stockton, CA

July

2-3/ 9th Annual Giant Scale Fly-In @ RC Flyers Unlimited, Oakdale, CA

5-8/ IMAC Nationals @ Muncie, IN

7/ MASM Monthly Meeting

9-10/ IMAC @ EBRC, Livermore, CA

9-10/ Annual Invitational Air Show @ SCCMAS, Morgan Hill, CA

10/ Fun-Fly BBQ @ SAM, Sacramento, CA

10-15/ Pylon Nationals @ Muncie, IN

16/ Memorial Fly-In @ Salinas Area Modelers, Salinas, CA

16-17/ South Bay Scale Masters Qualifier @ SACRC, Union City, CA

16-17/ IMAC @ Camarillo, CA

17/ 100 Lap Race @ Vaca-Valley R/C, Vacaville, CA

17-21/ Pattern Nationals @ Muncie, IN

23/ Open Combat - Mount Diablo Face Off 1 @ EBRC, Livermore, CA

24/ Warbird Races @ SAM, Sacramento, CA

30-31/ Wings of Victory @ Woodland-Davis, Davis, CA

Visit our website <http://takeoff.to/mather> for a complete list of events

MASM
10341 Folsom Blvd. # 197
Rancho Cordova, CA
95670

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