

Looking Up

December 14, 1998

Issue 21

Wanted: Sailplane Pilots!!

All MRCSS members must also be a member of the **AMA** Academy of Model Aeronautics. See any hobby shop or contact an officer for an application.

To join MRCSS, Send \$20 to MRCSS
5354 Newton Ave. S.
Minneapolis, MN 55419

MRCSS Newsletter <http://www.rcsoaring.com/mnclubs.htm>

MRCSS Club Officers: @holadayinc.com
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 Bob Botha 507-345-1832 Mankat
 sstadler °

Schedule of MRCSS Events:

Dec.	17th	meeting 7:00 – 10:00 pm Air National Guard Museum
Jan.	21st	meeting 7:00 – 10:00 pm Air National Guard Museum
Feb.	18th	meeting 7:00 – 10:00 pm Air National Guard Museum
Mar.	18th	meeting 7:00 – 10:00 pm Air National Guard Museum
Apr.	15th	meeting 7:00 – 10:00 pm Air National Guard Museum
May	20th	meeting 7:00 – 10:00 pm Air National Guard Museum
June	17th	meeting 7:00 – 10:00 pm Air National Guard Museum
July	15th	meeting 7:00 – 10:00 pm Air National Guard Museum
Aug	19th	meeting 7:00 – 10:00 pm Air National Guard Museum

JIRIK SOD FARM	ROBINSON LANDSCAPING	PRESCOTT SLOPE	SUPERSLOPE
4 miles East of FARM-INGTON on Co Rd 66. Park on Co Rd 66 or on Blaine ave (N/S road). Winch and high starts available on site. Contact an officer for locker combination.	2 miles East of Lexington Ave on Main Street (CR 14, 125th street) in Lino Lakes. This is the Sod Farm on the South side of the road. DO NOT FLY ON THE SOD FARM ON THE NORTH SIDE OF THE ROAD.	8 miles east of Prescott Wisconsin on Hwy. 10 Take Minnesota Hwy. 61 to Hwy. 10 just north of Hastings. East on Hwy. 10 into Wisconsin, through Prescott. Continue east on Hwy. 10 8 miles to "The Virginian" restaurant on north side of road. Park in north-west corner of lot, hop the electric fence and climb the hill. beware the fence. It's hot! N.N.W. to N.E. winds.	4 miles SE of Northfield. Take MN 246 to Ibson ave. South on IBSON then East on 135th to Isaacson Trail. Isaacson Trail follows top of the Ridge. SSE to WSW winds at 5-25 MPH needed.

FIELD RULES for SOD FARMS

Nos

- No walking on newly seeded or new growth area
- No driving or parking on the property unless owner permission given on the day you visit (even on "on site" roads).
- No Smoking or Alcoholic beverages
- No Littering
- No music or yelling
- No walking on wet areas
- No recreational vehicles
- No flying of GAS models
- No flying near owner buildings
- No assisting none-insured flyers
- No parking in front of access points

YESs

- Use bright colored streamers on all stakes
- Use frequency board when 5 or more members are flying
- Take all trash home with you
- Pick up any debris found, even if it is not yours
- Park only on the road, and appropriately
- Yield to all farm work and all farm workers, be friendly!
- Use off-site rest rooms
- Report all questionable none-MRCSS activities
- Report rule violations to a Leader Member
- YOU ARE A GUEST SO ALWAYS ACT LIKE ONE

Wing It!

By: Mike Trutwin

Good news on the Northfield Superslope.

Ib Jensen ran into the new owners (Rob & Heather Ryden) on his last outing to the slope. Between his conversation and my follow up phone call we found out that the Rydens do plan on building but not for about 4 or 5 years. Until then they have no problem with us using it for flying as long as it is insured through AMA.

Distributor Needed

Steve Stadler is looking for someone to help out with distributing the newsletter. Jill Trutwin is unable to continue for the upcoming year. This is an easy way to pitch in your 2 cents and help out the club. Duties include licking, sticking, stapling, and mailing just once a month. Contact Steve Stadler.

Congratulations to Kirk Hall, the "99" MRCSS President, and **Mark Miller**, Vice-Pres. Both have a love for RC soaring that will take us into the next century. I wish them well.
- Hope you guys plan on getting e-mail.

As for me, I've had a fun year. The most enjoyable part was getting to know more of you. A special thanks goes out to Jim Ladwig for all the support and behind the scenes work this guy does for the club. THANKS JIM! I'm looking forward to having a little more free time in "99" to build and fly. Maybe I'll finally get some of those creations of mine flying. I hope you have enjoyed reading "Wing It". I've never claimed to be a writer but it's been kind of fun. Even though this will be the last column, I'll try to send in a tidbit or two now and again.

Thanks for all your support!
Let's hope for a few more warm days!

Meeting Minutes - November 19, 1998

President Mike Trutwin called us to order at 7:30 P.M.

NEW FACES - Ib Jensen, who wrote that fine article last month about his return to model flying.

EVENT REPORTS - No reports on past events.

CLUB BUILDING PROJECT - Ed Berris and Mike Martindale have cut wing blanks for the Falcon. Kits will be prepared the Sunday after Thanksgiving, and will be available at the next meeting.

CLUB TRAINER - Members chose the Highlander over Dave's TG-3 and Dave's 1-26. Kirk Hall will purchase the kit (with MRCSS funds) and Mark Miller will build it. Kirk may arrange for a group purchase if members are interested in having one for themselves.

SLOPE SITE MAPS - Dave Engleson brought maps this month for us to mark up with locations of the slope sites we use and the best wind directions.

BUILDER'S CHALLENGE - Dave Engleson is in charge of this event. He spoke about the rules, which will be published in the newsletter. MRCSS members as well as dealers and manufacturers will be solicited for donations of prizes. Corky Wald volunteered to solicit from Hub Hobby in Little Canada.

NEW STANTON SLOPE SITE - Mike Trutwin re-

ported that, due in part to good references given, the owner of a hill south of the present Stanton Slope is willing to have us fly on his property. We need to get insurance and we need to avoid doing damage to a rare wildflower growing there. Winds from NW are best.

HOLIDAY PARTY - Don Patterson will confirm whether February 6 at his home will work. Geoff Cooke offered to be a backup option, and Mark Miller has offered the party room at his apartment.

HOLIDAY GIFTS - Ed Berris is in charge of making donations to charities in the names of our landowners. It was suggested that individuals who use the slopes might make gifts on their own.

INTERNET NEWSLETTERS - All members who can are urged to let Steve Stadler know they do not need the printed copy of our newsletter. This will save a lot of expense for the club. Don Patterson pointed out that the black backgrounds require lots of printer ink, and requested the backgrounds be opened up. (Your Secretary just ran out of black ink, and thus agrees.)

ELECTION OF OFFICERS - Ed Berris clearly recalls our deciding to advance officers each year. Since both the Secretary and the Treasurer will not accept such advancement, the succession is limited to the VP. Kirk Hall slides up from "98" VP to "99" Pres, and a vote was taken at the last meeting to make Mark Miller the new Pres.

ACTIVITY CALENDAR FOR 1999 - This will be discussed at the December meeting, setting dates for contests and for swap meets, etc. Jim Ladwig agreed to contact MARCEE about holding a joint swap meet next Spring.

Bill Sampson wins Raffle Prize

As first winner, Bill Sampson chose the 2M Gnome Kit. Jim Ladwig then chose the CS-20 Servo, Greg Johnson the model clamps and Will Munson the magnetic parts tray. \$60 was taken in.

Don Granlund reveals Electric Secrets

Don Granlund, MARCEE Newsletter Editor, showed us a wide variety of motors, props, ducted fans, chargers, dischargers, speed controls, soldering equipment, and the Astro Whattmeter. Don has a down-to-earth manner that makes it easy to understand what he is saying. Soldering of cells was of great interest, and hope was expressed that MARCEE might have such a demo soon.

Four Gliders, Three Fuselages Shown

Mark Miller presented the repaired fuselage of his Hobbie Hawk. A man in Sparks, NV owns the rights and

produces fuselages and tails. The wing is not being produced at this time, since it takes a long time and extensive fixturing.

Mark also brought a Graupner Cirrus (118 in. span) he has just finished recovering. It seemed to have been covered twice before. This is a historic design, the first of the modern sailplanes and a beautiful one. Ib Jensen built one as his first model. Geoff Cooke is planning to make a glass fuselage to this design. The original was a 4-piece (front and back sides) assembly of ABS.

Geoff Cooke showed two scale fuselages - an ASW-19 at 1:3.5 scale and a PIK-20 at 1:5.

Mike Martindale covered his latest foam sloper, a ME-109, with covering of 1.4 oz. glass using thinned carpenter's glue instead of epoxy. Ed Berris suggested water-based urethane instead of the glue.

Ib Jensen told how pleased he is with his Spirit 100 with "full house" servos and "crow" feature for descent to landings. He feels he built the dihedral a little shallow, and is thinking of going to two servos to control the flaps. A nice looking glider in red and blue.

FLYING WING PROJECT REPORT

The Sunday after Thanksgiving marked the last time our club members would meet at my shop in Plymouth. The sale of my business meant the end to the work shop that I had spent many hours in. Notwithstanding my initial sadness over losing this space we had a good time working on this last project.

Jim Ladwig, Mike Martindale, Don Patterson, Craig Lamatsch and I met around 10:00 am to cut wing cores and the wood parts necessary to complete this project. We had selected a design that I found being sold on the Internet. I purchased a short kit just to have an idea of how it was built and to have a set of plans. Instead of using the symmetrical airfoil that the designer used for his wing design, I selected a proven Bill Evans foil used for several years on all of his various planes.

I have always enjoyed group building projects because each modeler brings a different set of skills and ideas. I have always benefited from building with other modelers and hope that we can continue to get together for these sessions.

Mike Martindale handled much of the foam cutting and was a tremendous help. It's too bad that more of you couldn't have seen how well the foam cutting machines that some of us built as a club project awhile back worked. Mike also showed me a time saving foam cutting jig that he uses to assure straight cuts every time. I had been using a laborious process of pinning and taping a straight edge to the foam for each cut. Mike's jig significantly reduced the time required to cut the various rough parts. Learning these short cuts is one of the key benefits to group building projects.

Jim Ladwig and Don Patterson handled the wood cutting part of our project. Jim and Don both were able to extract the maximum amount of parts with a minimum amount of waste. By careful measurement and planning they were able to stretch our materials to produce the parts necessary to complete this project. (Well, we came close. Some of you may have to supply some leading edge and elevon material)

Don will be trying to reduce the full sized plans down to a size that will be inexpensive to copy yet large

l o o k i n g u p

enough to be useful. He'll also prepare a direction sheet to aid in the building of our wing.

Craig and I managed to help where needed, play the radio, deliver the pizza and to stay out of the way.

I'll be out of town until the January meeting. We'll bring the "partial kits" to the January meeting. According to my notes there may be more members that signed up for a kit than we'll have parts for. That's my fault. Mike and I cut enough wing blanks for twelve kits, however, when I cut the foam cutting

templates I did not consider that the thickness of the root section was slightly higher than the foam material we were using. I should have thinned the wing slightly. As a result, we ended up with just seven kits.

For those of you that would like to build this flying wing I would suggest another group building session. Perhaps one of our members has enough room for four or five guys to meet to cut a few more wing cores. I can supply the foam and the tools but we'll



MRCSS APPLICATION/RENEWAL FORM

___ CHECK IF INFO SAME AS LAST YEAR (See label on front) (no need to fill further)

NAME: _____ AMA: _____

STREET: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE (N): _____ PHONE (D): _____

E-MAIL: _____

COMPUTER RADIO CHANNELS: _____

OTHER RADIO CHANNELS: _____

Delivery of Newsletter : ___ E-MAIL ___ US Postal Service

FEES: Associate \$10 (Newsletter Only)
FULL / FAMILY \$20
Junior (to age 16) \$10

MAKE CHECKS PAYABLE TO MRCSS

Please return to: **JIM LADWIG** by January 1 sooner is preferred
5354 Newton Ave S.
Minneapolis, MN 55419

MRCSS CLUB RECORDS

STUFF

Vacum Pump:

GAST brand, Industrial quality. Runs quiet and rated for continuous use, will generate 25" Hg vacuum. Lists at \$275. Yours for only \$85 or trade for servos or ? for my next project.

Call Larry Sorenson at: 403-8625
or (715) 426-4918

LONGEST SLOPE DURATION

ALL TIME HIGH RECORD

CLASS	NAME	TIME	DATE	NAME	TIME	DATE
1.5M/HL	Tom Rent	3:21:00	10/23	Tom Rent	3:21:00	10/98
2 METER				K. ROGERS	4:29:00	10/87
STD	Tom Rent	1:56:00	10/24	TOM RENT	3:17:07	8/89
OPEN				K. ROGERS	2:45:38	10/82

LONGEST THERMAL DURATION

HL	NAME	TIME	DATE	NAME	TIME	DATE
ILLUSION HL	Brian Brinkmann	0:25:30	8/30	Brian Brinkman	0:46:01	7/96
ILLUSION	Jim Ladwig	0:1:03	4/28	Dave Degroot	0:11:13	5/96
1.5M	Tom Rent	0:12:56	10/24	Jim Ladwig	0:02:55	5/98
2 METER	Jim Ladwig	0:12:40	8/21	K. ROGERS	1:37:48	8/83
STD				R. DIABAISSO	2:13:00	6/87
OPEN	Tom Rent	0:37:02	4/26	S. BOWMAN	3:17:10	5/90

LONGEST ELECTRIC DURATION

CELL	NAME	TIME	DATE	NAME	TIME	DATE
5/6 CELL	Jim Ladwig	0:18:11	5/03	TOM RENT	0:44:49	4/93
7 CELL	Jim Ladwig	0:12:40	8/21	J. SMITH	2:44:12	8/94
OPEN				Brinkman	1:04:38	9/94

FLIGHTS AFTER 6 pm

SLOPE	NAME	TIME	DATE	NAME	TIME	DATE
THERMAL	Bill Igoe	0:1:09	4/28	C. KOTVAL	0:45:02	4/88
ILLUSION HL Thermal	Jim Ladwig	0:0:13	4/28	Jim Ladwig	0:00:13	5/98
ELECTRIC	Jim Ladwig	0:9:01	9/06	JIM SMITH	0:20:44	8/93

CROSS COUNTRY FLIGHTS

SPAN	NAME	TIME	DATE	NAME	TIME	DATE
<12' SPAN						
>12' SPAN				KARL/ PERECMAN	6 MILES	6/90

*** BOLD NAMES REFLECT ACTIVITY RECORDED DURING THE MONTH ***
PHONE ALL RECORDS INTO JIM SMITH..831-8184.

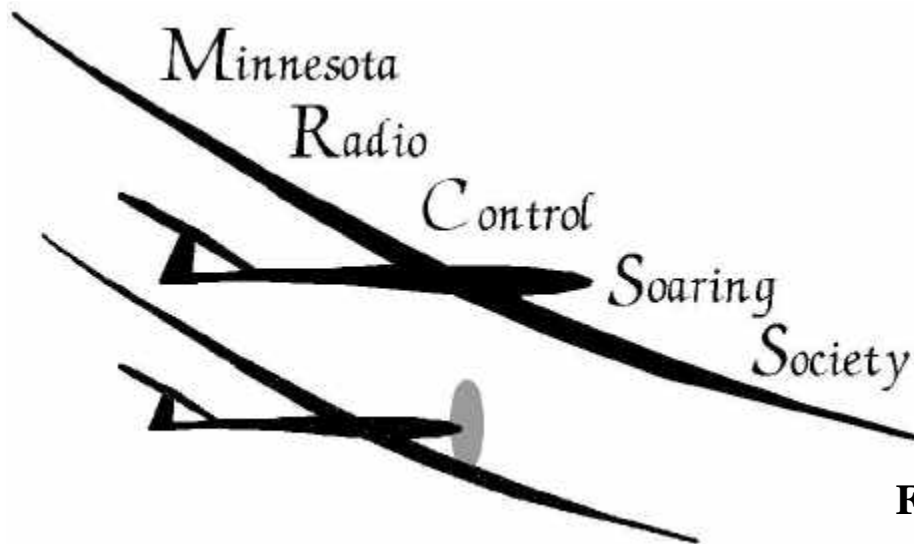
LOTS OF OPEN RECORDS PICK A CATEGORY AND GO FOR IT !!!

Steve Stadler / MRCSS
786 Cannon Ave.
Shoreview, MN 55126

100 Minute Club

Thermal Tom Rent Level 2
Tom Schworer Level 1 2M

Slope Mike Trutwin Level 2
Tom Rent Level 3
Level 4
Level 5



FIRST CLASS MAIL