

**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**
786 Cannon Ave.
Shoreview MN 55126.

PREZ: STEVE METZ 644-5071
VP: MIKE MARTINDALE 653-9312
SECR: JIM LADWIG 920-1245
TRES: JACK PERECMAN 377-4166
CO-EDITOR: STEVE STADLER 483-5894
CO-EDITOR: ANDY KARL 926-6538
DISTR: RUSS BAGLEY 835-4195
RECORDS: JIM SMITH 831-8184
LIBRARY: JOHN CROKE 891-1029

INSTRUCTORS = HELP FOR BEGINNERS

Corky Wald 459-2005 Cottage Grove
Julian Bristow Lakeville
Bob Botha 507-345-1832 Mankato
Bill Sampson 425-3422 Osseo

Club EMAIL = sstadler@holadayinc.com
Club WEB page =
<http://www.rcsoaring.com/mnclubs.htm>

CLUB MEETING December 18 th - Thursday	7:00pm - 10:00pm	Air National Guard Museum see MAP at right.
Freeze Fly January 1 st - Thursday	12:00pm - 3:00 pm	Normondale Lake Bloomington Normondale & 84 th St.

JIRIK SOD FARM	ROBINSON LANDSCAPING	SUPERSLOPE
4 miles East of FARMINGTON 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, 125 th 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.	4 miles SE of Northfield. Take MN 246 to Ibson ave. South on IBSON then East on 135 th to Isaacson Trail. Isaacson Trail follows top of the Ridge. SSE to WSW winds at 5-25 MPH needed.



Meeting Minutes

The meeting was called to order at 7:12 by Vice-president Mike Martindale.

VISITORS - Luke Phelan was again brought by his Uncle Dave. Steve Mundt is a member of the St. Paul R/C Club. Jeff Kreis is director of the Aviation Magnet program at Mpls. Washburn H.S.

OLD BUSINESS

New SPRC Site -

Jim Ladwig read from Dist.VII VP Don Bentfield's report on the tests that were made by the St. Paul RC Club site to measure the radio interference effects between our Robinson Sod Field and their new site, which is located just two miles north of Robinson. Results convinced them that there is no significant interference, and they now have no concern about simultaneous flying at both sites. However, the report did suggest that notification be given to the other club when large events were to be held at either site, and that the other club should agree to minimize the use of their field during that event. This was agreeable to the MRCSS members present, and Jim Ladwig is to send a letter to Don Bentfield regarding our concurrence.

Slope Owner Contact -

Mike Martindale read a message from Ed Berris on this subject. It seems the property had been sold on a contract for deed on which the buyer now has defaulted. Probably the interim owner was the one that made the comment about our cutting the trees on the slope. Mike Trutwin is to contact the owner to confirm that we can trim brush and small trees in a work party this spring.

Hager City Slope -

Mike Trutwin and Mike Martindale attended a meeting of the Northern Sky Glider club. Pat Caulfield is Vice-President and Paul Kostoff(?) is the President. There are about 25 members. An agreement on sharing the cost of operation of the site is being prepared. There has been no indication of how much of the \$1500 annual costs that MRCSS might be asked to share.

Stickers for Kits - Don Patterson made more stickers with contact names of Stadler and Ladwig. Stickers were taken by Corky Wald for Hub Hobby in Little Canada, by Kirk Hall for Hobby Warehouse and by Luke Palen for National Hobby.

Endless Lift Video - No action taken, pending more information from Ed Berris.

Electric Fun Fly at Elk River - Craig Lamatsch's event was postponed from November 2 to November 8, due to weather. Greg Stewart and Jim Ladwig from MRCSS, Don Granlund and Mike Pfeiffer from MARCEE, Craig's neighbor Dick Scott and two students from Mpls. Washburn H.S. flew gliders and electric RC planes. The reaction time of the students in avoiding crashes was impressive - must be the training on video games that does it.

ELECTION OF 1998 OFFICERS

Incumbent Secretary Jim Ladwig and Treasurer Jack Perecman indicated they are willing to continue. It was decided to follow recent precedent and elect a President by popular ballot, with the Vice-president being the candidate with the second highest vote. Mike Trutwin, Kirk Hall and Ed Berris were nominated and seconded. (Ed has since indicated he is unable to serve this year.) Secretary Jim Ladwig is to prepare a ballot for the December newsletter, and votes will be tallied at the December meeting.

NEW BUSINESS

Year-end Gifts to Flying Site Owners - Tabled until December meeting.

Builder's Challenge - Members present decided this should be done again. John Kroke asked what was involved, and was persuaded to take charge. Rules will be published in the newsletter.

MRCSS Incorporation Status -

Status of MRCSS incorporation was questioned. Steve Mundt said he can easily research this at his work, and will advise Mike Martindale. Corky Wald stressed the importance of our club incorporation to limit the liability of individual members. There have been rule changes regarding the maintenance of corporate records with the office of the Secretary of State, including more frequent notification of the corporation address.

MAAC Swap Meet - November 22 from 9AM to 2:30.

The meeting was adjourned at 8:21 for show and tell.

SLOPER PLANS, FOAM (GLOW-POWER) PROFILE, WASHBURN H.S. PROGRAM

Mike Trutwin brought plans for those interested in buying them for next season projects. Mike's videos have shown us how well his models perform.

Steve Mundt brought his foam profile ME-262 Komet to show us in return for the help he has received from our members. Mike Martindale worked with Steve on how to cut the foam wings which have taper, sweep and twist. Ed Berris helped Steve build a foam cutter.

Steve is willing to cut wing cores for slopers if our members are interested.

Radio is a Futaba Skysport 6 with an ACE mixer for the elevons. Weight goal is 4 pounds, and Steve is considering a lighter engine to come closer to that goal. It will use a droppable gear, and land on skids. Wing is covered with obechi and fiber glass, has a single, full depth spar. Obechi was attached with Dave Brown Sorghum glue and trailing edge has carbon fiber strips to prevent waviness.

Jeff Kreis showed a student-made video of some flying of the Gentle Lady sailplanes made in the Aircraft Design class at Washburn High School in Minneapolis. The hand launches induced stall-and-crash flights, and the sound of the landings caused our members to shudder. None of the planes showed damage, except the one launched from the top of the football field bleachers which stalled and then dived vertically into the running track. A highstart flight demonstration by Bill Igoe with his Gentle Lady was also on the video.

Jeff told us a little about the Aviation Magnet Program at Washburn, and of the Board of Advisors from local businesses that support the program with donations of equipment and airline tickets. He also told of the support of Bill Igoe and Jim Ladwig in the building of the sailplanes. Bob Griffiths, Dick Nordquist, Don Patterson and Floran Sullivan have helped coach the students in building techniques and Russ Bagley, Jim Smith, Conrad Sowder and Greg Stewart all loaned equipment to help out.

A second class (of 30 students) is now studying the instruction book for the Gentle Lady, and will start building on December 1, for completion by mid-January (with a two week Winter Break interrupting the class). The first class of 32 students completed and flew their eight models in five weeks, from September 29 to October 31.

Our members were impressed by the speed with which these students complete their models. A typical comment was "I wish I could do that." All also could relate to the hard landings of the test flights.

Missing Library? - Steve Metz

I don't know if the message got through from Germany, but I talked to Sondra at the museum last month about the missing library. She told me that she and some other folks completed an exhaustive search of the premises and couldn't find the MRCSS library. Was this issue ever resolved at a club meeting--did John take it home when we didn't notice? If someone in the club doesn't have it, then it very well might be lost.

For the December meeting: I can bring in a short video (15 or 30 min.--can't remember which) that shows some great details about the construction and flight of a full-size ELECTRIC self-launching sailplane. Not just an ultralight but a 15M+ sailplane built from composites. This sailplane was on display at Oshkosh this year, though I didn't get a chance to see it.

I will also bring along a few of the German sailplane calendars.

Later,
Steve M.

MRCSS APPLICATION/RENEWAL FORM

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

NAME: (CHANGES ONLY) _____ AMA: _____
STREET: _____
CITY: _____ STATE: _____ ZIP: _____
PHONE (N): _____ PHONE (D): _____
EMAIL: _____
COMPUTER RADIO CHANNELS: _____
OTHER RADIO CHANNELS: _____

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

1998 OFFICER ELECTIONS (Circle ONE for Prez or VP)

PREZ or VP : Mike Trutwin
(max votes = Prez) Kirk Hall

Secretary : Jim Ladwig
Treasurer : Jack Peregman

**VOTING WILL TAKE PLACE AT DECEMBER MEETING or YOU CAN MAIL YOUR
BALLOTS TO JIM LADWIG BY THE MEETING DATE (12/18) IF YOU CAN'T ATTEND.**

BUILDERS CHALLENGE PLEDGE

MODEL 1 = _____ Send \$10/model along with dues
MODEL 2 = _____ PAY by JANUARY 1
MODEL 3 = _____ (Last Day to Pledge !!)
MODEL 4 = _____ (Don't miss out !!)

MRCSS CLUB RECORDS

November 97

LONGEST SLOPE DURATION

ALL TIME HIGH RECORD

CLASS	NAME	TIME	DATE	NAME	TIME	DATE
1.5M/HL				JIM SMITH	2:43:10	6/88
2 METER	Jim Smith	0:50:00	3/97	K. ROGERS	4:29:00	10/87
STD	Kirk Hall	0:55:00	4/97	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 Brinkman	0:46:01	7/96
ILLUSION				Dave Degroot	0:11:13	5/96
1.5M						
2 METER	John Croke	0:02:01	4/97	K. ROGERS	1:37:48	8/83
STD				R. DIABAISSO	2:13:00	6/87
OPEN				S. BOWMAN	3:17:10	5/90

LONGEST ELECTRIC DURATION

5/6 CELL	NAME	TIME	DATE	NAME	TIME	DATE
7 CELL	Jim Ladwig	0:11:29	1/97	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				C. KOTVAL	0:45:02	4/88
ILLUSION HL				Jim Ladwig	0:00:09	5/96
Thermal						
ELECTRIC				JIM SMITH	0:20:44	8/93

CROSS COUNTRY FLIGHTS

<12' SPAN	NAME	TIME	DATE	NAME	TIME	DATE
>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 !!!

STUFF

MRCSS Transmitter Bags - \$6 each

Shirts - \$8 each,

Tom Rent - 435-2792

Several items from Tom Peterson - (215) 321-1781

Gnome Hand Launch

- New in Box, \$35 plus shipping

Chuperosa Hand Launch

- Partially assembled, \$45 plus shipping

Osprey Hand Launch

- Partially assembled, \$45 plus shipping

Breeze Kit, 05 electric

- New in Box, \$35 plus shipping

A-10 Warthog Kit, Foam sloper by the makers of the

Anabat

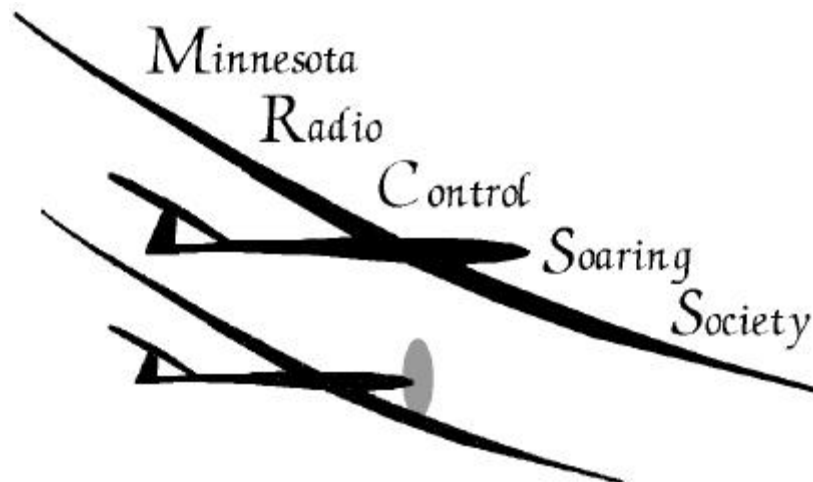
- New in Box, \$25 plus shipping

Nighthawk, 60" sloper

- Ready to fly, with 4 servos, \$300 plus shipping

Tom Peterson - (215) 321-1781

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



FIRST CLASS MAIL