

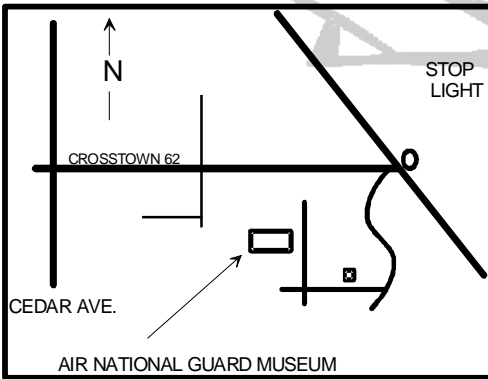
# Looking Up!!

# May 1998 : Issue #15

## 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 Club Officers:

PREZ: Mike Trutwin 953-3612  
VP: Kirk Hall 866-1388  
SECR: Jim Ladwig 920-1245  
TRES: Jack Perecman 377-4166  
EDITOR: Steve Stadler 483-5894  
EDITOR: Andy Karl 926-6538  
DISTR: Jill Trutwin 953-3612  
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>

JIRIK SOD FARM	ROBINSON LANDSCAPING	PRESCOTT SLOPE	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 <sup>th</sup> 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 135 <sup>th</sup> 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

## Schedule of MRCSS Events:

May	16th	Builders Contest (Andy Karl)
	21st	meeting 7:00 – 10:00 pm Air National Guard Museum fun fly (Kirk Hall 866-1388)
	23rd	fun fly (Kirk Hall 866-1388)
June	6th	Contest (Brian Brinckman)
	18th	meeting 7:00 – 10:00 pm Air National Guard Museum fun fly (Kirk Hall 866-1388)
	20th	meeting 7:00 – 10:00 pm
July	16th	meeting 7:00 – 10:00 pm Air National Guard Museum fun fly (Kirk Hall 866-1388)
	18th	fun fly (Kirk Hall 866-1388)
	25th	Nostalgia Contest (Mike Martindale) AMA pending
August	15th	Contest (Bob Botha)
	20th	meeting 7:00 – 10:00 pm Air National Guard Museum fun fly (Kirk Hall 866-1388)
	22nd	fun fly (Kirk Hall 866-1388)
Sept.	17th	meeting 7:00 – 10:00 pm Air National Guard Museum fun fly (Kirk Hall 866-1388)
	19th	fun fly (Kirk Hall 866-1388)
	26th	Sailplane Regatta (Mike Trutwin) AMA pending
Oct.	15th	meeting 7:00 – 10:00 pm Air National Guard Museum
Nov.	19th	meeting 7:00 – 10:00 pm Air National Guard Museum
Dec.	17th	meeting 7:00 – 10:00 pm Air National Guard Museum

## **SOARING SCHEDULE FOR 1998**

Bob Harold Updated 4/16/98 re NO SIG GLIDER CONTEST

Information from MARCS SPARKS of MARCS, the Madison Area Radio Control Society; from LOOKING UP of MRCSS, Minnesota Radio Control Soaring Society, with flying just north of Farmington, MN; Terry Edmonds, Solon, Iowa; and from Mike Fox

May 16	MARCS Silent Flyers Field Day Watts Sod Farm
May 16	MRCSS Builders Contest (Andy Karl)
May 16	Misty Meadows Soaring Classic (at Terry Edmonds) Solon, IA
May 23	MARCS Spring Slope Soar (need wind from SW, S, or W) Platteville - Big M
June 6	MRCSS Contest (Brian Brinkman)
June 7	MARCS Thermal Blast Long Island Sod Farm
July 25	MRCSS Nostalgia Contest (Mike Martindale)
July 26-Aug 1	LSF/AMA Soaring NATS Muncie, IN
August 15	MRCSS Contest (Bob Botha)
August 23	MARCS 1.5 Meter Challenge Thermal Contest Long Island Sod Farm

Sept. 7	MARCS Fall Thermal Soar Long Island Sod Farm
Sept 12-13*	*NO EISS/SIG Glider Contest (SIG pulled out) Was at Blakesburg, IA SEE NEXT DATE *
*Sept 19-20	*EISS Fall Soar In (Mike Fox & Rusty Shaw CDs) TBA
Sept 26	MRCSS Sailplane Regatta (Mike Trutwin)
Oct. 3	MARCS Fall Slope Soar Platteville - Big M

In the La Crosse area we now fly on the Coulee Region Modelers field 12 miles south of La Crosse, on Highway MM just west of Highway 61. We usually fly Saturdays and sometimes Thursdays. We have rediscovered a slope site in Minnesota about 5 miles west of Hokah. The Mound Prairie slope site is located just north of Valley High Golf Course in Minnesota on Highway #16. This slope faces south and west so it needs south to south west winds.

MARCS WEB page - <http://gav.doit.wisc.edu/marcs/>  
MRCSS WEB page - <http://www.rcsoaring.com/mnclubs.htm>  
Thanks Bob

## **WING IT !**

By: Mike Trutwin

The grass is getting greener, the temperature is getting warmer, and the clouds are getting puffier. Now is the time! Everyone should be out flying.

With today's hectic schedules, flying time often takes a back seat to all those items on the to do list. This isn't all bad. I've come to realize that being away from it for a while only makes one appreciate it that much more once back throwing planes in the air again. Lucky for us we have the winters to automatically change the pace, and right now we should all be enjoying this great springtime weather.

Often times people lose interest in things (even soaring) when there is not a challenge involved. Just heading out to the flying field each time doing the same thing over and over can get to be boring. This usually isn't a problem for those in their first couple years of flying. Just getting a plane up and back down in one piece seems to be challenge enough for them.

This year try to set some flying goals for yourself. Create a challenge or try something new. You will be happily rewarded with new skills, more confidence, and a greater appreciation of the sport. Jim Smith has reintroduced the 100 min. club this year that would certainly be challenging. There are also plenty of club

records that are within reach of setting. Maybe try entering a contest this year. Learn some aerobatics. Fly the slope. Each time you go to the flying field think of something you want to accomplish that day. I often take an orange touse cap out to the sod farm with me, throw it on the grass and practice spot landings. For some, just trying to get into that monster thermal is every days goal.

Challenge and competition are the combination to unlock many years of the most enjoyable flying.

## **GO FLY!!!!**

### **Meeting Minutes**

President Mike Trutwin called us to order at 7:32 P.M.

VISITORS - Greg Johnson, now our newest member.

MESSAGE SYSTEM - Messages have been lost so Ed Berris brought a replacement machine tonight. Mike says the system is expected to be working.

BUILDER'S CONTEST - Prizes are rolling in for this event. Next newsletter will out about that same day.

ELK RIVER FUN FLY - Craig Lamatsch is hosting a session for RCHLG and electrics (including Speed 400 pylon racers) at his landing strip on Hwy 169 at Cty 74 on Saturday, May 3 at 10:00 A.M.

SUPERSLOPE SALE - On-again/off-again purchase is ON again. We can fly there, but not trim any brush.

AWARD PLACQUES - No requests from new members have been heard. Ladwig will call Nordquist about any inventory. Berris can get plastic placques.

MRCSS WEB PAGE - Ton Rent has created our very own at [www.goldengate.net/~tmrent/soar](http://www.goldengate.net/~tmrent/soar). If you are wired to The Net, look at this view of our club.

APRIL 18 FUN FLY - Jirik sod field looks in good shape, but if wind is from the South, action will be at the Superslope. Mike will bring hi-starts.

MEDIA AWARDS - Jim Smith urges that we try to get newspaper or TV coverage of our events and apply for cash from the Media Awards Program of RCHTA.

MEMBERSHIP CARDS - Mike Trutwin has some artwork, Ed Berris has the right software and Jack Perecman can get the laminating tape. We should soon have some great new membership cards.

### **Question and Answer Session**

Jack Perecman inquired about a supplier for NiCd's for use in his TX and the RX in his Alcyone. Vendors suggested were B&T, Batteries Plus and Mr.NiCd. Jack wants to replace some of the nose weight with a large, high capacity RX pack for long flights.

Jeff Tucker asked what the east-west limits were when flying at the Superslope. Answer : about 100 yards either side of the flying point (at the fence break ). It

was also said that SW winds are perfect, S winds O.K. At the Prescott slope N winds are needed.

Ed Berris asked if anyone had seen plans calling for servos glued to the back of spoilers, and what would be the actuation linkages. Ed will bring plan in May.

Jim Brophy asked how one determined the size of servo needed for a given size glider. No good answer. Comment was made that model press says to avoid the off-brand servos, go with the known brands. The Hitec HS80 and JR were recommended as micros. General rules are: Micros for HLGs, 2 Standards for 2M polys. For 2M and larger aileron ships use 2 Standards for tail group and 1 Micro per wing surface. If both ailerons or both flaps connect to a single servo, use a Standard. Consider using BB servos for flaps that may strike the ground on landing.

Terry Paske wanted idea of which EPP foam glider kit would be good. TG-3 and others by DAWs and the Blue Max were given good recommendations. Larry Sorenson says Zagi wings are robust, but fast action.

Jeff Tucker asked about a source of colored packing tape for foam models. Larry Sorenson uses Monokote, others recommended low-temp films over 3M 77. Jim Ladwig said he found 2 in. strapping tape at Ax Man.

### **Raffle, Demonstration and Display**

Raffle ticket sales brought in \$60. Winners were: Andy Karl - 2 Cirrus BB Servos; Maynard Vogelgesang (picked three times in a row) - a pair of mini-bar clamps; Andy Karl (again) - hobby clamps; Greg Johnson (brand new member) - bottle of CA.

Jack Perecman showed his Alcyon, built by Tom Peterson using a Slegers fuselage. Foam wing is covered with Obechi sheet. Uses a JR 347 system, with 2 HiTec servos for ailerons. Weight is about 5 ounces less than advertised. Mike Trutwin recommends this as aa entry into an openclass, aileron airplane at a kit price of about \$150.

Mike Martindale's newest plane, the Peeper, is powered by a Speed 400 motor. (Greg Stewart is flying his with an Astro 02 brushless motor.) Fuselage is glass, tail is glass over balsa and wing is carbon fiber. Weight is 14 ounces with a 6-cell pack, Jeti ESC, Rx pack and 3 servos.

Dave Engleson brought his foam Me-109, which is now painted and decorated, but lacks a wing. Span will be about 44 in., about 10 in above scale span. Dave used Benjamin Moore house paint on the fuselage.

Larry Sorenson's Zagi LE is a delta wing which uses EPP foam for the leading edge and styrene foam all other places. He reports it survives straight-in dives and has an incredible roll rate. Weight is 20 oz. without the 9 oz. ballast Flies in winds of under 10 mph without ballast, 35 mph with full ballast. Larry built his in 4 hours (Berris said his took longer).

Ed Berris reluctantly showed his Zagi and said that National Hobby has Zagi kits for \$45. Ed is looking forward to bouncing his off the Superslope.

The remainder of the session was spent viewing a video of Joe Wurts soaring on the lee (downwind) side of a slope in California. The principle is to circle up to fly away from you in the boundary layer of the wind, then circle down and around in the dead air behind the slope and go up once again to pick up more energy. It must be seen to be believed and we have no suitable hills, which must have steep faces on both sides.

### **Craig Lamatsch's Elk River Fun Fly**

Craig Lamatsch invited all members of MRCSS, MARCEE and any other interested individuals to his ultralight strip north of Elk River on Sunday, May 3. His funfly was to include Speed 400 Pylon Racing, RC Hand Launch Gliders and sport flying of any electric powered airplane.

Twenty one pilots and over 50 planes were there.

The weather was perfect, although too calm for some, including Les Garber who was flying an original design RC autogyro model. Les had to really run at times to get the rotor winding up for the launch.

Five members of MRCSS attended, four of whom flew planes. Greg Johnson came just to view all the action.

The only accident of the day happened to Dave DeGroot, whose computer radio crossed him up when he switched from or to dual rate while in flight. That cost him his Electrostreak, and he chose not to fly the canard after that problem.

Mike Martindale was exercising his arm and his new HLG most of the day, and got at least one flight of more than 2 ½ minutes. That one shared a thermal with Jim Ladwig's Illusion, which used a HiStart launch to get higher in the thermal and stay up longer.

Jim Ladwig also got into a great thermal on the day's first flight of his Viking Old Timer (and first since New Year's Day). About ten minutes into the flight Jim had to call for visual assistance after he blinked and lost sight of the speck that was his plane. About two minutes later, after a vain attempt to steer a bird around the sky, one of the onlookers spotted Jim's plane directly overhead. By then it was out of the thermal and the landing followed shortly.

Floran Sullivan had a test pilot (Don Granlund) fly the first flights on his Goblin I (with S400) and Goblin II (with S500), both of which were successful, although he feels the 9 x 7 prop on the S400 has too much pitch. Florian then flew his 2 meter Gentle Lady sailplane.

Former MRCSS member John Borlaug did the test flight on Bill Kubiak's 85% Seniorita, which Bill has named La Chica, and Bill's resurrection of his 2 meter canard with a pylon-mounted motor above the center of the fuselage.

John Borlaug brought his Bird of Time to the hand launch contest. Craig Lamatsch performed the hand launch with the aid of his 3 wheel ATV. All agreed he could have thrown it equally high while on foot, but it did make quite a spectacle.

While many flew pylon racers with the small Speed 400 motors, there was no official race, nor were there any competition flights of hand launch gliders.

### **Video Stuff**

Ed Berris has another video that would be fun to watch at our next meeting. Studio B, the maker of several EPP foam airplanes produced a tape showing a lot of combat action. Also included is a ten minute or less piece on building a foam airplane. It was worth watching and the combat stuff was great.

### **E-Mail Stuff**

If you have an E-Mail address and would like to receive the MRCSS Newsletter electronically, send a message to [sstadler@holadayinc.com](mailto:sstadler@holadayinc.com). Please indicate whether you prefer the document to be in Microsoft Word 97 PC format or Adobe Acrobat Reader format. Also indicate whether you prefer not to receive the paper version via the postal service. This would save the club money if you indicate that you prefer the electronic version only.

### **Builders Contest / Non Builders Contest**

Open to all AMA silent fliers

We encourage beginners to come to join the fun as there will be experienced pilots to help assist with your flying education.

Giders and Electrics built since 7/1/97 may be entered in the "beauty/workmanship" judging.

Any glider or electric may be entered in the flying portion.

We will have:

Hand Launch Gliders

7 cell electrics

2M, Std, Unlimited gliders

World famous Brats will be available for lunch.

Don't forget the "Builders Raffel" after the flying is complete. We hope to see all of you May 16 at 10:30 - 3:00





# MRCSS CLUB RECORDS

February 98

**STUFF**

## LONGEST SLOPE DURATION

## ALL TIME HIGH RECORD

CLASS	NAME	TIME	DATE	NAME	TIME	DATE
1.5M/HL	Tom Rent	1:42:03	4/11	JIM SMITH	2:43:10	6/88
2 METER				K. ROGERS	4:29:00	10/87
STD				TOM RENT	3:17:07	8/89
OPEN				K. ROGERS	2:45:38	10/82

## LONGEST THERMAL DURATION

HL	Mike Martindale	2:45	5/03	Brian Brinkman	0:46:01	7/96
ILLUSION HL	Jim Ladwig	1:03	4/28	Dave Degroot	0:11:13	5/96
ILLUSION	Jim Ladwig	2:55	5/03			
1.5M						
2 METER	Bill Igoe	12:38	4/26	K. ROGERS	1:37:48	8/83
STD				R. DIABAISSO	2:13:00	6/87
OPEN	Tom Rent	37:02	4/26	S. BOWMAN	3:17:10	5/90

## LONGEST ELECTRIC DURATION

5/6 CELL	Jim Ladwig	18:11	5/03	TOM RENT	0:44:49	4/93
7 CELL				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	1:09	4/28	C. KOTVAL	0:45:02	4/88
ILLUSION HL Thermal	Jim Ladwig	0:13	4/28	Jim Ladwig	0:00:09	5/96
ELECTRIC	Jim Ladwig	6:30	5/03	JIM SMITH	0:20:44	8/93

## CROSS COUNTRY FLIGHTS

<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 !!!**

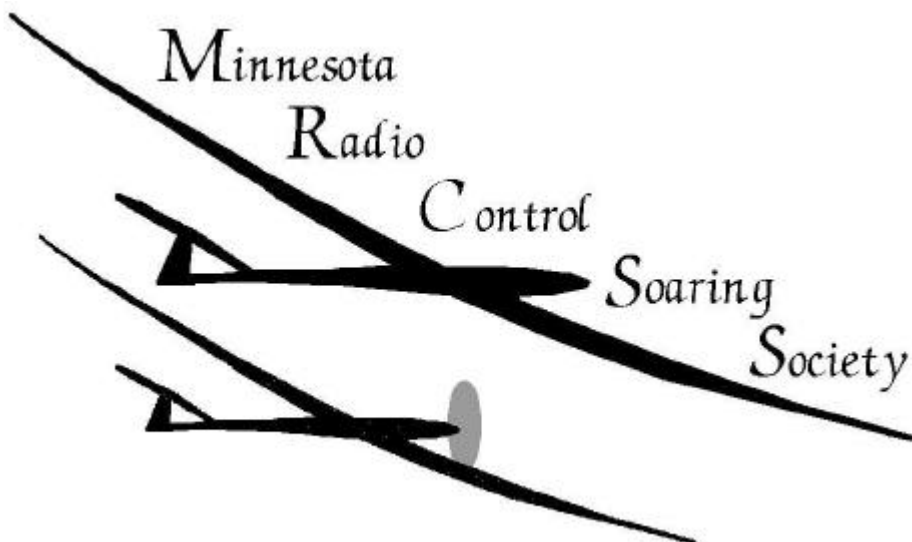
MRCSS Transmitter Bags - \$6 each  
Shirts - \$8 each,  
Tom Rent - 435-2792

### **100 Minute Club**

Thermal (unlimited) Tom Rent Level 1

Slope (HL / 1.5 M) Tom Rent Level 1

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



**FIRST CLASS MAIL**