



# Thermals

Newsletter of the Rocky Mountain Soaring Association

May 2014

AMA Chartered Club 1245

Volume XXXVIII Number 5

## PRESIDENT'S MESSAGE

**Jim Monaco**

Ahhh – the weather is improving and spring has sprung and soaring days are getting more consistent. It has been pretty windy up north here and that has dampened the available flying days considerably this year. I am looking forward to a lot more flyable days now.

At the last club meeting I discussed a prototype for an upgraded sound system. I went over the issues of sound delays in F3J and the impact that sound issues have on fair judging. I demonstrated a wireless solution and the club voted to implement the upgraded system. In addition, the club authorized some extra components so that we have a system for the DLG events as well.

I now have all of the components in hand so we will have the new system in place for Blue Skies and F3J in the Rockies. Jim Rogers is designing and building the storage and charging system for all the components. It looks like the batteries we will use will provide all the power needed for a 2 day contest without recharging, so we will only need to top off the batteries before the event and then recharge them after the events.

I will get the HL components to meeting so that they can set up and test them before Blue Skies.

This is a busy month for RMSA, we have an open contest followed by Blue Skies DLG and then F3J in the Rockies. There are great events and a lot of fun to fly – go ahead and get registered and come out and have some fun. We also have a need for a few volunteers to help out at the events. I will leave the needs for the Blue Skies guys to them but I need a few volunteers to help out at F3J in the Rockies for scorekeeping. It is a pretty easy job – mostly monitoring that the pilots have entered their scores and bugging them when they haven't... If you would like to help out either day please let me know.

Hope to see you out soon...

Jim

## Tuesday May 6<sup>th</sup> Club Meeting—Sam Pendleton

Sam Pendleton will provide the presentation and discussion for the May RMSA meeting. It will be at the SMM shop on 28<sup>th</sup> St. in Boulder at 6:30 PM

He will discuss using XFLR5 to develop and evaluate wing designs. He will talk about what is needed to get started (finding airfoils, generating polars, merging airfoils) and will discuss how to use the airfoils in a High Aspect Ratio design for a Discus Launch Glider. Since this can be a rather broad topic, the discussion will eventually be directed by questions and will end when we run out of time.

## Sunday May 10<sup>th</sup> Open Competition—CD John Lovins

This be F3J with winches in preparation for F3J in the Rockies. 8:30 Pilot's Meeting. 9:00 first flight. Battery Masters please be sure to get your charged battery to the contest.

## May 17<sup>th</sup>-19<sup>th</sup> Blue Skies Over Colorado DLG Contest—CD Kelsey Jensen

See info on Internet

## May 24<sup>th</sup>-25<sup>th</sup> F3J in the Rockies ---CD Jim Monaco

See info on Internet

### April Open Contest Report John Lovins

Spring weather got in the way of our scheduled date of 4/14, so we moved to 4/19 (the day before Easter) for the April TD contest.

We had 5 pilots, and that creates a problem for 2 groups. We decided to run with no callers so 1 guy could time for 2 pilots in the 3 pilot group. I really like the format, and with a slightly longer stagger in the launches its no problem to time for 2. As it turned out we had a couple of observers show up and we put them to work, timing was not an issue.

Conditions started out a little windy and cool, then calmed down and warmed up slightly. The lift was sparse, and the sink was plentiful as everyone took a hit at one time or another. In one round as an example Lenny and I were crushed by Jim Degroot with a winning time under 4 minutes and a landing. Lenny and I had to take the walk of shame, and I had a 3:09? With a light Egida. Conditions were tough!!!

We flew 8 rounds and were done before 2:00. Everyone got their fill, and agreed to call it quits at 8. Congrats to Blayne for another win, and thanks to all the pilots and guests for coming out.

ID	Class	Name	Place by Class	RD 1	Raw Total	Rounds Flown	# Throw Outs	Safety Penaltys	Total	Norm by Class	Norm by Contest	Place by Contest
200	<b>M</b>	<b>Open</b>										
4	<b>M</b>	Lenny Keer	4	955.60	6797.68	8			6797.68	883.57	883.57	4
2	<b>M</b>	Jim Rogers	3	1000.00	7022.19	8			7022.19	912.75	912.75	3
3	<b>M</b>	Blayne Chastain	1	1000.00	7693.41	8			7693.41	1000.00	1000.00	1
1	<b>M</b>	John Lovins	2	978.85	7150.83	8			7150.83	929.48	929.48	2
6			1									
201	<b>S</b>	<b>Sportsman</b>										
5	<b>S</b>	Jim Degroot	1	961.39	6052.96	8			6052.96	1000.00	786.77	5
202	<b>N</b>	<b>Novice</b>										
203												

### April DLG Contest Report John Jonke

Well, RMSA Handlaunch fans, Spring has arrived and the April DLG contest was held at our beloved sod farm during the “warm before the storm” on Saturday the 12th and the score sheet tells the story. We started the day full of challenging air with a record 14 pilots! One pilot had to leave after lunch and another had some bad luck and his only plane was grounded for a while, so we finished it with twelve pilots flying eight rounds. There was some tricky air at times that had a few pilots landing out, sometimes WAY out! Eight rounds made for a full day of F3K and it was a treat to have enough pilots to have three groups. Congrats to Jon Padilla with his new Stream DLG...they proved to be the winning combination. Very close final scores for the next few positions. The day was mostly overcast but useable lift was usually within reach. Wind was shifty but generally not an issue and the high temp was mid 60's.

Thanks everyone for coming out and making it happen. Thanks Dave Runyon for providing hot coffee to take away that morning chill and Dave also provided the contest sound track using F3K Master...an Android App that has changed our F3K contests in a good way!

Members don't forget Blue Skies Over Colorado on May 17 and 18 with festivities and fun beginning at the field on Friday the 16<sup>th</sup>. Please check the BSOC thread on RCGroups Handlaunch for details. Get signed up! ...CD John Jonke

Competition: RMSA APRIL 2014 CLUB CONTEST

Date (MM-DD-YYYY): 04-12-2014

Pilot List	Task List	Flight Matrix	Start List	Round Scores	Total Scores	Team Scores
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	Name	1 5x2	2 L1x5	3 Lddr	4 3of6	5 1234	6 L2x4	7 AUp	8 3200	Penalty & Rnd	Score	%	Class	FAI/AMA number	Club	State
1	JON PADILLA	1000	1000	1000	1000	1000	1000	1000	(986)		8,001	100.0%				
2	GARY JENSEN	1000	1000	1000	884	979	1000	(819)	944		7,809	97.60%				
3	SKIP MILLER	976	1000	(771)	1000	811	1000	1000	1000		7,788	97.34%				
4	JOHN JONKE	1000	(600)	1000	969	842	983	1000	903		7,699	96.23%				
5	DAVE RUNYON	975	(417)	1000	1000	964	600	938	1000		7,478	93.46%				
6	BOWDIE ORMSBEE	941	(657)	1000	1000	1000	790	720	1000		7,452	93.14%				
7	JOHN LOVINS	776	611	(571)	857	783	646	969	953		6,596	82.44%				
8	HAROLD BAILEY	757	(450)	771	851	625	602	778	945		6,330	79.12%				
9	JIM MONACO	722		771	589	870	961	643	735		6,293	78.65%				
10	IRA FABERMAN	848	(380)	571	767	992	533	651	897		6,260	78.24%				
11	SAM PENDLETON	656	(314)	571	844	814	338	874	607		5,705	71.30%				
12	RICK COATE	715	(190)	571	519	519	354	457	871		5,006	62.57%				
13	BOB PEDERSON	760	581	771	759	1000					4,873	60.90%				
14	DALE TERRY	965									1,966	24.57%				
15	RUSSELL HARDING										1,001	12.51%				
16	GUEST ONE										1,001	12.51%				
17	GUEST TWO										1,001	12.51%				

## FOR SALE

None

## MISCELLANEOUS

### Cross Country Event Scheduled for June 29<sup>th</sup>.

Last year I ran a trial Cross Country event and it was such a success this year it will be open to all everyone to participate. I have a 26 mile course around my home near Berthoud. It also involves Burgers, and Beer around the pool!

You don't need to be an XC expert and any of the large ships (4M) will work just fine. A team is 3 people minimum, Pilot, Co-pilot and driver is required. Each team needs an appropriate vehicle such as convertible or truck. I know of a couple of open top Jeeps that come with a young man as a driver. They will probably be at your service for \$75 and gas for the day

The entry will be \$15 to cover food and beverage.

The date is **Sunday June 29<sup>th</sup>**

No previous experience is needed, but having at least one team member that knows the ropes is very good.

Please respond ASAP with your interest level. I am facilitating teams and this needs to be planned and coordinated.

This is a great event and a ton of fun.

Please call me with questions or respond via email.

Location Mike's house:

616 S. County Road 23

Berthoud, CO 80513

Phone 303 709-3232

Mike Verzuh [mike@verzuh.com](mailto:mike@verzuh.com)

Meet at 9:00am ish.

Pilots meeting at 9:30. Window Opens at 10:00am and closes at 3:30. Burgers and Beer at 4:00 J

### **ALES (Altitude Limited Electric Soaring)**

Looks like **Sunday July 6<sup>th</sup>** works the best for our first ALES event.

Lenny has agreed to CD and has a ton of expertise.

A radian or other electric ship with an altitude motor limiter is all that is required.

We will also have a stock radian class without altitude limiter so everyone can participate.

ALES is really growing across the country and F5J in Europe. Let's get this going as a club!

Location is the RMSA Field. Pilots meeting 9:00am first flight 9:30am.

## **Membership Renewal Reminder**

**It's time to renew your RMSA memberships for 2014.**

**Renew with the application in this newsletter**

**Or on-line at <http://www.rmsadenver.com>**

## RMSA 2014 CALENDAR OF EVENTS

[\(click for online version that may be more current\)](#) **Note:-Italicized entries are changes from original**

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Description</u>
Thu Feb 20 - Fri Feb 21	F3J in the Desert	Queen Creek, AZ	First F3J Championship Series event
Sat Feb 22 - Sun Feb 23	Southwest Classic	Queen Creek, AZ	
Tues Mar 4	Club meeting. Thermals talk	Skip Miller Models shop	By Wayne Angevine
Sun Mar 9	Open Contest	RMSA Club Field - 120th Ave	CD Jim Smith
Sun Mar 16	DLG Contest	To be Announced	CD Bob Pedersen
Sat Mar 29 - Sun Mar 30	F3J in the Deep South	Houston TX	F3J Championship Series
Sat Apr 12	DLG Contest	To be Announced	CD John Jonke
Sun Apr 13	Open Contest	RMSA Club Field - 120th Ave	CD John Lovins
Sat May 3 - Sun May 4	IHLG	Poway, CA	IHLG
Sat May 10	Open Contest	RMSA Club Field - 120th Ave	CD Blayne Chastain
Sat May 17 - Mon May 19	Blue Skys Colorado DLG	To be Announced	CD Kelsey Jensen
Sat May 24 - Sun May 25	F3J in the Rockies	RMSA Club Field - 120th Ave	CD Jim Monaco
Sun Jun 8	DLG Contest	To be Announced	CD Dave Runyon
Sat Jun 14 - Sun Jun 15	Blue Skys Utah	Utah	
Sun Jun 22	Open Contest	RMSA Club Field - 120th Ave	CD Mike Verzuh
Sun Jun 29	Cross Country	616 S. County Road 23 Berthoud, CO 80513	CD Mike Verzuh
Sun Jul 6	ALES	RMSA Club Field - 120th Ave	CD Lenny Keer
Sat Jul 12	Open Contest	RMSA Club Field - 120th Ave	CD TBD
Sat Jul 19	DLG Contest	To be Announced	CD Sam Pendleton
Sat Jul 26 - Fri Aug 1	AMA NATS	Muncie, IN	2/26-27-F3K and 2M 7/30-31 UNL 8/1-2 F3J and ALES
Sun Aug 10	Open Contest	RMSA Club Field - 120th Ave	CD TBD
Sat Aug 16 - Sun Aug 17	F3J New Mexico	Albuquerque, NM	F3J in New Mexico
Sat Aug 16	DLG Contest	To be Announced	CD Dave Runyon
Fri Aug 29 - Mon Sep 1	US F3K TS	RMSA Club Field - 120th Ave	CD Dave Runyon – tentative- pending Bid Award
Sat Sep 6 - Sun Sep 7	F3J in Seattle	Seattle	CD TBD - TENTATIVE DATE
Sun Sep 14	Open Contest - Challenge Cup	RMSA Club Field - 120th Ave	Challenge Cup - CD Jim Monaco
Sun Sep 21	DLG Contest	To be Announced	CD Dave Runyon
Sat Oct 4	VISALIA Fall Fest	Visalia, CA	Fall Fest TD
Sat Oct 11	Open Contest	RMSA Club Field - 120th Ave	CD Blayne Chastain
Sun Oct 12	DLG Contest	To be Announced	CD Dave Runyon
Sat Oct 18 - Sun Oct 19	F3J in Virginia	Virginia	F3J Championship Series
Sun Nov 9	Open Contest	RMSA Club Field - 120th Ave	CD TBD
Sun Nov 16	DLG Contest	To be Announced	CD Dave Runyon
Sun Dec 7	Banquet	To be Announced	Jim Monaco

# Rocky Mountain Soaring Association - 2014

RENEWAL \_\_\_\_\_ NEW MEMBER \_\_\_\_\_ SPONSOR \_\_\_\_\_

*Please complete the following information for our records:*

Family Memberships - Please make and complete a copy for EACH flying family member!

Name : \_\_\_\_\_ Need name badge? Yes

Address:

Year Joined RMSA: \_\_\_\_\_

\_\_\_\_\_ Home Phone: \_\_\_\_\_

\_\_\_\_\_ Work Phone: \_\_\_\_\_

AMA #: \_\_\_\_\_ AMA Contest Director? Yes No

AMA Class Open Youth Family Birth Date: \_\_\_/\_\_\_/\_\_\_

LSF #: \_\_\_\_\_ LSF LEVEL: \_\_\_ NSS #: \_\_\_\_\_ E-Mail: \_\_\_\_\_

RMSA Membership Class Senior Only Senior W/Family Associate Family  
(Note - Senior W/Family receive THERMALS - other Family members check Family Box)

Non-Flying Family members: \_\_\_\_\_

RMSA Competition Class Novice Sportsman Master

RMSA Offices Held \_\_\_\_\_

## MODELS OWNED

PLANE SPAN COLOR (Top,Bott.,Fuse) CLASS (Open,HLG,Std..) FREQUENCY

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Interests: Sports Flying T/D contests HLG Contests NSS Soar-ins F3J  
F3B X-C contests Slope contests Other \_\_\_\_\_

Past Achievements: \_\_\_\_\_

\_\_\_\_\_

Dues: \$ 7.50 New Member Initiation Fee  
\$ 7.50 Junior - under 17  
\$ 35.00 Senior - individual 17 and over  
\$ 40.00 Family - any number (same address)  
\$ 8.00 Associate (newsletter only)

Make checks payable to RMSA

Comments and suggestions are ENCOURAGED! Please include these with your form!

**REMEMBER TO SIGN THE FIELD RULES!!!**

Please send to: **RMSA**

% **Bob Rice**

1860 S. Vrain St  
Denver CO 80219

## ROCKY MOUNTAIN SOARING ASSOCIATION FIELD RULES

1. The sod farm operations take precedence over **ALL** activities. We use the field at the convenience of the owner.
2. All members will follow **ALL** instructions from **ANY** sod farm personnel without question.
3. When sod farm operations are occurring during a flying session it is **OUR** responsibility to ensure that we will not interfere with operations. If it is unclear as to what is happening or where they intend to mow or work try to talk to workers or management and always move equipment or vacate the premises if necessary. Some workers do not speak very good English – in that case you must make every effort to avoid conflict or interference with operations.
4. Park only in the designated parking areas Do not park on grass, dirt or roads.
5. Avoid setting up on newly seeded areas or young grassy areas. The nice grassy areas are better to land on anyway!
6. Establish a frequency control pole and tag system! Frequency control is to be in effect at all times!! All members will post their frequency control tags on the pole and if there are conflicts, please exercise safety sense as well as share the flight time.
7. Parking and pit areas should be as condensed as possible for the safety of launch and landing.
8. Establish flight line areas for winch launch, high start launch, and hand launch that are separate for the sake of launch, flight & landing safety.
9. Flying over the parking/pit areas at less than 30 feet is prohibited. Doing so in competition **WILL** result in a zero flight score and during R/R flying a disciplinary action by the club.
10. No aerobatics or speed runs over the parking/pit/Launch/Landing zones.
11. Do not launch if a plane is circling in a launch zone: vacate the launch zone as soon as possible if someone is waiting to launch.
12. When entering a thermal occupied by other aircraft, enter in the same direction as the first aircraft
13. Landing aircraft have the right of way!
14. In the event of no mechanical retriever, please shag your own chute/line for the flight
15. Please share the usage of club equipment so that all have equal flight time.
16. Please be courteous and helpful to your fellow flyers as well as informative to all guests/spectators. Enjoy yourself and others!!
17. Absolutely no debris or trash is to be left on the field! Please take it home with you for disposal.
18. Make sure that your plane and electronics are airworthy before each flight. Exercise good safety sense in your flight
19. The aircraft will have an identification name/address or AMA number on or in the model in case of loss.
20. You **MUST** tag your winch/high start spikes or stakes with fluorescent tape so they are easily spotted on the field by all concerned. Members may be fined \$10 for each stake or nail not so marked. Previous damage to sod farm equipment from spikes left in the ground has made this rule **EXTREMELY** important.
21. Absolutely no alcoholic beverages will be consumed, prior to or during participation in any model event on the flying field.

I understand and will comply with all RMSA field rules:

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Signature



**President:** Jim Monaco  
**Vice President:** Bob Pederson  
**Secretary:** Bob Rice  
**Treasurer:** Mark Howard  
**Past President:** Jim Smith

**303-818-7576** e-mail to: [jim@monacocasa.com](mailto:jim@monacocasa.com)  
**970-532-3437** e-mail to: [bpedersn@colomail.com](mailto:bpedersn@colomail.com)  
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**720-273-2208** e-mail to: [howard4113@msn.com](mailto:howard4113@msn.com)  
**303-929-9883** e-mail to: [gjs.smith@comcast.net](mailto:gjs.smith@comcast.net)

**Member Support**

Web Site <http://www.rmsadenver.com>

Chief

Instructor:

Field Manager Steve Sunken 303-477-6184 [flyingdogtwo@comcast.net](mailto:flyingdogtwo@comcast.net)

Scorekeeper & Jim Monaco 303-464-9895 [jim@monacocasa.com](mailto:jim@monacocasa.com)

Web master

Librarian: Tracy Cochran 303-934-8838 [Tcochran@idcomm.com](mailto:Tcochran@idcomm.com)

Newsletter: Tony O'Hara 303-948-2576 [tonyoco@q.com](mailto:tonyoco@q.com)

**Winch Master**

Steve Suntkin 303-477-6184 [flyingdogtwo@cs.com](mailto:flyingdogtwo@cs.com)

**Battery Masters**

Skip Miller

Mike Verzuh

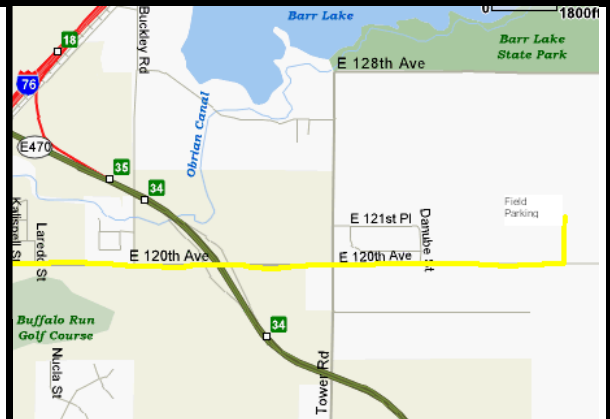
Cody Remington

John Lovins

Jim Rogers

**For Winch Use;**

If you are interested in using a club winch please contact Mike for the first time, and I will insure you have all the details for trailer access. Also if you are a new member and have not had a winch operation and safety briefing we will coordinate that.



**Directions to Field**

Take I-76 to exit 16. Turn left and follow the frontage road to the stoplight and turn east onto 120<sup>th</sup> eastbound towards the airport. Take 120<sup>th</sup> East to Tower Rd. Take 120th east of Tower Rd about 3/4 miles. We fly on the North side of 120th which is the SE quadrant of the sod farm.

*Flying for RMSA members and accompanied guests only.*



Rocky Mountain Soaring Association  
 1860 S Vrain St  
 Denver CO 80219

Forwarding Address Requested

First Class Mail