

Thermals

Newsletter of the Rocky Mountain Soaring Association

January 2016

AMA Chartered Club 1245

Volume XXXX Number 1

PRESIDENT'S MESSAGE

Bob Pederson

The annual awards banquet and officer election was held at Del Vickio's in Broomfield. We had a great brunch, took care of a little club business and presented awards to the top flyers for 2015. We voted to elect next year's officers. Jim Monaco offered to serve as Vice President for 2016 and was promptly elected. Bob Rice volunteered for another year as Secretary and Mark Howard volunteered to continue as Treasurer and Newsletter Editor. Thanks Jim, Bob and Mark. I was also re-elected as president so you have to put up with me for another year.

I hope to continue some of the changes we made last year such as the addition of organized fun-fly days. We will also continue the F5J events (2) led by Lenny Keer. We are trying to work out a way that we can allow winch launched sailplanes to compete alongside the electric powered planes. Lenny thinks we can use the Alti launch modules to record altitude and time on launch for the winch launched planes so it will even the playing field. It may be as easy as plugging the Alti Cam unit into an unused receiver channel and programming it to a switch on the transmitter. Lenny will test the system out and report back to the club. I also hope to include another cross-country event this year dependant on finding an appropriate launch site and course layout.

Since we are such a diverse club as far as where we live, I have had a hard time locating a suitable meeting venue that is accessible to the majority of members. Our membership spans the front range from Cheyenne to Colorado Springs. One solution at least for summer meetings would be to hold a short business/presentation meeting out at the sod farm either on non-contest days or as an addition to one of our monthly contests. We still have access to the Broomfield Public Library and Skip Miller Models in Longmont for winter meetings.

Some of the things you may see on the meeting agenda this year are:

- The new FAA registration process and the AMA response/guidance to the new regulations
- More interesting meeting topics
- Club equipment maintenance (the winches may need rebuilding)
- Club instructors
- How to encourage/attract new membership especially junior pilots (we're all getting older and need to pass on our skills to the younger generation)
- Updates for the club website (Mark has re-formatted the pages and I still have to update the content)
- Inter-club events to promote sailplanes with traditional non-sailplane clubs / groups

Note: Membership dues should be sent to Mark Howard while Bob Rice is recovering.

Bob is hanging in there and is in therapy for the stroke he suffered earlier in December. He sounds good but he says he's having problems with his vision. Please keep him in your thoughts and give him a call.

Bob Pederson
President

2015 Awards:

We presented awards to a number of members at the banquet. Here are the results.

Club Championship - Miller Cup for the top flyer across the entire spectrum of events that we fly as a club. Award goes to Skip Miller

Open Class awards

1st Masters Jim Monaco
2nd Masters John Lovins
3rd Masters Mike Verzuh
4th Masters Skip Miller
5th Masters Reid Roberts

1st Sportsman Jim DeGroot
2nd Sportsman John Hsu
3rd Sportsman George Messer

F3K awards:

1st Masters John Jonke
2nd Masters AD Dailey
3rd Masters Reid Roberts
4th Masters Bob Pederson
5th Masters Jon Padilla

1st Sportsman Jim DeGroot
2nd Sportsman John Hsu
3rd Sportsman George Messer

Top Sportsman Award (The famous Monkey Lamp) went to Jim DeGroot.

Star Award presented by Skip Miller for service to the club went to Bob Pederson

Congratulations to all those who won awards and to everybody that participated. You are what makes this club great. For those winners that couldn't attend the banquet, I have your awards and will get them to you as soon as I can.

Full results from the entire year of soaring with RMSA.

Club Championship for 2015

2015 Championship													
			Open 1	Open 2	DLG 1	DLG 2	Cross 1	Type	Cross 2	Type		Best 6	Place
Skip Miller			999.21	939.84	1000.00	1000.00	1000.00	CC	1000.00	SWC		5939.05	1
John Lovins			1000.00	1000.00	880.00	694.00	989.60	ALES	919.00	3J Rockies		5482.60	2
Jim Monaco			999.13	993.40			993.40	ALES	998.29	F3J Nats		3984.22	3
Mike Verzuh			1000.00	999.79			1000.00	ALES	1000.00	F3J NM		3999.79	4
Lenny Keer			1000.00	1000.00			1000.00	ALES	953.20	F5B W/C		3953.20	5

Open class contest results for 2015

2015 Open Standings																						
	Mar	PI	Apr	PI	May	PI	June	PI	F3JR	PI	Aug	PI	Sep	PI	Oct	PI	Nov	PI	Nat. Lvl.	Name	Best 6	Place
Masters																						
Jim Monaco					692.44		993.40		992.41				999.13		910.32		877.56		928.55	F3J DESERT	5701.37	1
John Lovins			989.60				777.20						1000.00		1000.00		1000.00				4766.80	2
Mike Verzuh			262.80		1000.00		760.40		999.79										1000.00	F3J NM	4022.99	3
Skip Miller					910.67				999.21				939.84						1000.00	SWC	3849.72	4
Reid Roberts					826.50				965.75				854.97		979.41						3626.63	5
Lenny Keer			1000.00				1000.00										999.84				2999.84	6
Shannon Bingham			817.30		806.93												990.05				2614.28	7
Blayne Chastain									998.59										995.00	SWC	1993.59	8
Jon Padilla									997.52												997.52	9
Mark Howard																	873.45				873.45	10
Jim Rogers													755.96								755.96	11
Bob Pedersen																						12
																						12
Sportsman																						
Jim DeGroot					1000.00				993.58								999.87	2			2993.45	1
John Hsu			935.30		958.40												1000.00	1			2893.70	2
George Messer													529.67		1000.00		814.42	3			2344.09	3
Gary Baughman					845.99								829.75								1675.74	4
Randy Reynolds							748.90														748.90	5
Terry Grau																						6
Brody Wilson																						6
Jason Friedman																						6
																						6
NOVICE																						
Jim Asbury																						1
Jeff Smith																						1
Tony O'Hara																						1
Brad Piegler																						1
John Jaugilas																						1

F3K Handlaunch Standings for 2015

		# of Contests	Class	March	April	May	June	July	August	September	October	November	prelim scores bsoc	Substituted contest	total possible Score		Normal on 7	Awards
															900	700		
John	Jonke	7	m	94.40	100.00	0.00	98.06	95.88	95.62	100.00	87.61	0			671.57	671.57	1000.00	1st M
AD	Dailey	8	m	81.34	0.00	98.73	94.02	98.47	70.12	88.23	0.00	100.00		90.31	721.22	651.10	969.52	2nd M
Reid	Roberts	8	m	0.00	76.74	85.33	90.67	92.16	79.45	93.56	86.32	77.45		0	681.68	604.94	900.78	3rd M
Bob	Pederson	9	m	56.99	80.56	87.84	76.27	61.34	48.28	64.75	57.63	66.99		0	600.65	495.38	737.64	4th M
Jon	Padilla	4	m	99.03	0.00	0.00	100.00	0.00	100.00	0.00	93.49	0		JEM 100	492.52	492.52	733.39	5th M
Bowdie	Ormsbee	5	m	87.14	0.00	100.00	95.11	93.11	74.35	0.00	0.00	0		0	449.71	449.71	669.64	
Jim	DeGroot	4	s	85.16	41.67	82.69	87.60	0.00	0.00	0.00	0.00	0		0	297.12	297.12	442.43	1st S
Dave	Runyon	2	m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.58	93.86		81.59	265.03	265.03	394.64	
George	Messer	3	s	0.00	0.00	0.00	0.00	88.55	0.00	92.19	35.79	0		BSOUT	216.53	216.53	322.42	2nd S
Skip	Miller	2	m	100.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0		0	200.00	200.00	297.81	
Chris	Adams	2	m	0.00	0.00	74.00	0.00	0.00	0.00	0.00	0.00	0		68.52	197.62	197.62	294.27	
John	Lovins	3	m	14.39	69.44	0.00	0.00	0.00	0.00	0.00	0.00	0		87 IHLGF	171.82	171.82	255.85	
John	Hsu	2	s	0.00	0.00	56.64	0.00	0.00	0.00	0.00	52.47	0		54.87	163.98	163.98	244.17	3rd S
Sam	Pendleton	2	s	0.00	0.00	0.00	48.02	0.00	0.00	36.80	0.00	0		30.41	115.23	115.23	171.58	
Jeff	Burg	1	s	0.00	0.00	0.00	0.00	0.00	61.00	0.00	0.00	0		0	61.00	61.00	90.83	
Todd	Magee	1	s	0.00	0.00	49.16	0.00	0.00	0.00	0.00	0.00	0		BSOUT	49.16	49.16	73.20	
Bill	Beamer	1	s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.37		0	10.37	10.37	15.44	
Andrew	Williams	0	s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0		0	0.00	0.00	0.00	

AMA district IX meeting in November
Wings Over the Rockies Museum.

This annual meeting was attended by Club officers from many of the District 9 clubs along with Rick McCaskill, District IX AVP .

Topics covered:

- AMA benefits coverage's (field, property owner and personal insurance coverage, field acquisition / improvement program, etc.)
- AMA UAS4STEM program (Programs sponsored by the AMA to promote STEM in the schools)
- UAS Regulation status and updates. - Hold off on registering until we receive guidance from AMA
- District IX scholarship awarded
- Clubs promoting youth membership – how to grow your club. RMSA is way behind in this area
- Know Before You Fly Program for public, recreational and business users
- General health of the Dist IX clubs and open discussion

I came away with the impression that the AMA was misled by the new regulations and were blindsided in the manner in which they were imposed. The AMA is acting aggressively to fight the imposition of certain aspects of the regulations where they conflict with the AMA safety code. We can expect to hear more about this in the near future. I have included the AMA's See and Avoid Guidance circular for your information. These are guidelines we all should be following when flying our models.

Meeting minutes for the January scheduling meeting

The club officers and some interested members met at the Broomfield library on January 6th to set up the 2016 contest / Event calendar. Based on popular request, we scheduled more Open and F3K contests on Saturdays this year. We incorporated other commonly attended regional and national level contests to aid in your trip planning. You will notice that most of the contests do not have CDs assigned . If you are a CD and want to volunteer for a contest, please do so. Otherwise, you can expect a call from me to twist your arm. Note that most contests except for the two day events will not be AMA sanctioned. Therefore, you don't have to be an official CD. Anyone can run the event. We have streamlined the equipment and processes for running contests so much now that it is very easy to be a CD.

Draft RMSA 2016 Contest Schedule

Date	Event	Location	Description
Thu Feb 18 Sun Feb 21	F3J in the Desert	Schnepf Farms, Queen Creek, Az.	
Sat Mar 5 Sun Mar 6	F3J in the South	Dallas Tx.	
Sat Mar 5	Pro-Am Contest	RMSA Club Field	CD Jim Monaco
Sun Mar 6	DLG Contest	RMSA Club Field	CD Bob Pederson
Mar 12 - 13	Arizona Open F3K	TBA	CD TBA
Sat Mar 19	Open Contest	RMSA Club Field	CD Jim Rogers
Sun Apr 3	Open Contest	RMSA Club Field	CD Jim Monaco
Sat Apr 9	DLG Contest	RMSA Club Field	CD TBA
Sat Apr 23	Central California F3J		
May	IHLF Handlaunch	Poway, Ca	
Sat May 7	F5J	RMSA Club Field	CD Lenny Keer
Sun May 15	DLG Contest	RMSA Club Field	CD TBA
Fri May 28 Sun May 30	F3J in the Rockies	RMSA Club Field	F3J Tour event CD Jim Monaco
Sat June 11	DLG Contest	RMSA Club Field	CD
Sat June 18	Open Contest	RMSA Club Field	CD
Sun June 25	F3J Chicago		CD
Sat July 9	DLG Contest	RMSA Club Field	CD
Sun July 10	Open Contest	RMSA Club Field	CD
Sat July 16 Sun July 17	Blue Skies over New Mexico	Moriarity, NM	
Sat Aug 13	DLG Contest	RMSA Club Field	CD
Sat Aug 20	Open Contest	RMSA Club Field	CD
Sun Sept 11	RMSA/PPSS Challenge Cup	RMSA Club Field	CD Jim Monaco
Sat Sept 17 Sun Sept 18	Blue Skies over Colorado F3K	RMSA Club Field	CD John Lovins
Sat Sept 24 Sun Sept 25	Masters Open Contest	Muncie Indiana	
Sat Oct 15	Open Contest	RMSA Club Field	CD
Sat Oct 15	F5J	RMSA Club Field	CD Lenny Keer
Sat Oct 23 Sun Oct 24	F3J Virginia		
Sun Nov 6th	Open Contest	RMSA Club Field	CD
Sun Nov 13	DLG Contest	RMSA Club Field	CD
Sat Dec 10	RMSA Awards Banquet	TBD	

Note: Additional contests and regional events may be added as the schedule matures.

Fun Flies at the RMSA field will be added after the present schedule is firmed up.

JEFCO AEROMOD' LERS RC CLUB PRESENTS

RC AUCTION

DENVER, COLORADO

Saturday, Feb 6, 2016

JEFFERSON COUNTY FAIRGROUNDS

15200 W. 6th Avenue—Golden
(6th Avenue/Indiana Street)

**BUYERS & SELLERS
PRE-REGISTER
BY JAN 1 ~ \$10
AFTER JAN 1 ~ \$15**

Pre-Registration
Closes Jan 31

No Admission Fee to
View Merchandise.

**SCHEDULE OF EVENTS
*ONE DAY AUCTION***

FRIDAY—FEB 5

11am—7pm
Merchandise Check In

SATURDAY—FEB 6

8am—6pm AUCTION
Merchandise Check In—
Until Noon

HUGE SELECTION & VARIETY OF ITEMS UP FOR BID

Airplanes ♦ Jets ♦ Cars ♦ Helicopters ♦ Gliders
Radios ♦ Engines ♦ Tools ♦ MORE!

**PRE-REGISTRATION OPENS DECEMBER 1
WWW.JEFFCOAEROMODLERS.COM**



QUESTIONS?
Bruce Riley
Auction Coordinator
JefcoRCAuction@gmail.com
303-898-6014



Academy of Model Aeronautics

5161 East Memorial Drive Muncie, Indiana 47302 (800) 435-9262 — Membership Services
www.modelaircraft.org AMA

"SEE AND AVOID" GUIDANCE

A. General:

1. The primary means to avoid collisions between all aircraft flying within our National Airspace System (NAS) is "See and Avoid."
2. Vigilance must be maintained by each person operating an aircraft (whether model or manned) so as to "see and avoid" other aircraft.
3. Model aircraft must avoid manned aircraft. Our privilege to fly model aircraft in the NAS depends on our commitment to remain "well clear" of manned aircraft.
4. Simply avoiding an actual collision is not enough. A "near miss" is not acceptable.
5. Unless flying at a mixed-use site where manned and model aircraft routinely share airspace through their own site-specific rules, model aircraft must fly sufficiently far away from manned aircraft so as not to create a collision hazard.
6. Model aircraft flying must not only be safe, it must be perceived to be safe by the greater manned aviation community. Modelers must continually demonstrate their respect for the safety of manned aircraft by remaining vigilant and well clear.
7. Whenever a potential conflict arises between model aircraft and manned aircraft, the pilot of the model aircraft must always give way to the manned aircraft.
8. The pilot of a model aircraft must never assume the pilot of a manned aircraft can see the model or will perform any maneuver to avoid the model's flight path.
9. Visual Line of Sight is required by the Safety Code. It means that visual contact with the aircraft must be maintained without enhancement other than by corrective lenses prescribed for the model aircraft pilot. All RC flying must remain clear of clouds smoke or any other obstruction to the line of sight.
10. "Blue Sky" is a term used to explain the method used to increase separation between a model and a manned aircraft in the same vicinity. The

modeler should maneuver the aircraft in such a way as to increase the amount of blue sky perceived between the model and the manned aircraft. By increasing the blue sky separation, the question about depth perception is taken out of the equation and the modeler need not worry whether the model is closer to him than the manned aircraft or further away. Increasing the blue sky between the model and the manned aircraft automatically increases separation between them.

11. A modeler should never place any consideration for the well-being of the model aircraft above the safety of manned aircraft. Maneuvering to avoid the conflict may require that the model aircraft be sacrificed.
12. Free flight models should not be launched with relatively low altitude manned aircraft in sight and downwind or headed downwind from the launch site.

B. Spotters:

1. Before a flight, the pilot must insure that the spotter understands his/her duties and expectations.
2. A spotter should be used to assist in monitoring the surrounding airspace for manned aircraft whenever a flight is expected to exceed 400 feet above the ground and that operation is expected to be in proximity to known manned aircraft traffic such as at a mixed-use facility or within three miles of an airport. The spotter must have sufficient visual acuity and be mature enough to take this responsibility very seriously.
3. A spotter should also be prepared to assist his/her pilot in the event that another model aircraft or spectators become endangered or in turn are perceived to be a danger to the pilot or the pilot's model aircraft.
4. If a model aircraft pilot experiences what he or she considers a near miss with a manned aircraft, that model aircraft pilot should notify AMA Headquarters with a written report of the incident, including action taken by the model aircraft pilot to avoid the manned aircraft. This report is intended to help the modeler, the club, and the AMA capture as much detail as possible so that it may be used to assist all parties in recalling the particulars of the incident at a later time. Call 1-800-435-9262 (1-800-IFLYAMA) extension 230 or 251 for assistance with this report.

Rocky Mountain Soaring Association - 2015

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

% Mark Howard
19015 W 62nd Ave
Golden, Co. 80403

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:

Signature



President:	Bob Pederson	970-532-3437	e-mail to: bpedersn@colomail.com
Vice President:	Jim Monaco	970-405-5818	e-mail to: mailto:blayne@whistleanddrum.com
Secretary:	Bob Rice	720-581-3099	e-mail to: briceflyer@q.com
Treasurer:	Mark Howard	720-273-2208	e-mail to: howard4113@msn.com
Past President:	Jim Monaco	303-818-7576	e-mail to: jim@monacocasa.com

Member Support

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

Chief

Instructor:

Field Manager Steve Sunken 303-477-6184 flyingdogtwo@comcast.net

Scorekeeper & Jim Monaco 303-464-9895 jim@monacocasa.com

Web master

Librarian: Tracy Cochran 303-934-8838 Tcochran@idcomm.com

Newsletter: Tony O'Hara 303-948-2576 tonyoco@q.com

Winch Master

Steve Suntkin 303-477-6184 flyingdogtwo@cs.com

Battery Masters

Skip Miller

Mike Verzuh

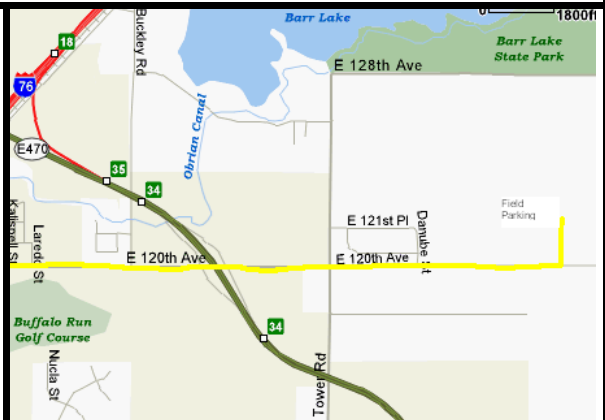
Cody Remington

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 120th eastbound towards the airport. Take 120th 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

First Class Mail

Forwarding Address Requested