



Thermals

Newsletter of the Rocky Mountain Soaring Association

October 2000

AMA Chartered Club 1245

Volume XXIV Number 10

President's Message

Autumn Leaves – The frost is on the pumpkin. September 22nd and already a foot of snow in the mountains. Fall is here and winter is on the way. As I look back on the summer, I see a successful year for RMSA. We have had lots of fun contests and many of us have had the opportunity to attend national contests with a good turnout at the Nats and other contests. Quite a bit of action still remains for RMSA this year. Our October and November contests remain and competition is tightening up for those year end club championship points. As some of you may know, the October meeting is typically the meeting where you nominate your officers. In November we elect officers and the December meeting is when new officers preside over a gathering for the first time.

As we contemplate leadership for the club next year, a couple of items have occurred to Jim, Bob and myself. First of all, club meetings have been poorly attended and we have not done a good job of generating programs that people are interested in and therefore meetings are hard to promote and populate. We collectively believe that part of this problem could be solved by having better meetings with a designated person scheduled to present a particular program. I think that the problem could be solved by having fewer meetings. I think that the solution is a combination of both. As we move into the Fall, club leadership will be developing a new meeting schedule to offer to the new club leadership for consideration. That schedule might look something like this:

January – CD's meeting draft rules and contest schedule for next year.

February – Second CD's meeting to revise and adopt rules and schedule for next year, finalize sanctions.

(We need to firm up some of the championship scoring rules to make issues perfectly clear to everyone)

March – Winchmaster's meeting – maintenance issues, operation, ect.

April – Scheduled program, club business,

May – Scheduled program, club business

June – Short meeting after monthly unlimited contest

Next Meeting:

Date/Time: October 3, 2000 - 7:00PM

Location: Heli Port Hobbies

1400 W 70 Ave

Denver CO 80221-7023

See map in March 2000 Newsletter



Rocky Mountain Soaring Association

July – Short meeting after monthly unlimited contest
August - Short meeting after monthly unlimited contest
September – Scheduled program, club business
October – Scheduled program, club officer nominations
November – Scheduled program, club officer elections
December – Year end banquet

Please let me know what you think of this idea. Regarding the current officers, we aren't completely spent, although we don't know if other club members might be interested in becoming officers. I'm willing to continue as an officer if nominated on a couple of conditions: One that someone else assume my winchmaster responsibilities which I have held for approximately two years. Two that Jim continues as an officer and is willing to cede approximately 30 or 40% of his current workload with newsletter and scoring to me. I think that Jim has done the majority of the club hardest work for a long time and we benefit greatly from his efforts. So basically we are willing, we need a little volunteer help with the winches. Anyone willing to have free use of a club winch and retriever in exchange for maintaining it and bringing it to contests, please step forward. If other club members are interested in being officers next year please attend the October meeting or let us know of your intentions.

Finally, lets continue to be vigilant about our field protocols. Have a good Fall everybody!

Shannon

October Open Contest – October 15, 2000 Co-CDs Jim Monaco/Shannon Bingham

Registration: 8:00 am to 8:30 am
Pilot's Meeting: 8:30 am
First Round: 9:00 am
Entry Fee: \$5.00

Tasks: T1 International Duration - durations set according to conditions and turn-out.

Landing: L4 Spot Landing with AMA tapes.

Scoring: Man on Man – random flight group assignments

*No flying prior to start of contest
Novices limited to **RES** type sailplanes*

NOTE: This is NOT the weekend after the meeting!! This contest was scheduled for the 15th in order to avoid conflict with the Visalia Fall Festival that a number of our members attend.



Rocky Mountain Soaring Association

Challenge Cup Results CDs Jim Monaco and Shannon Bingham

RMSA is again the Challenge Cup winner continuing the rights to hold the trophy for 2001, but just as importantly we continue to keep the home field advantage, hosting the 2001 Challenge Cup. It was a pretty close battle right up to the end. There was often talk about strategies and who should come down when, so-as not to damage a teammate's score. Congratulations to the top 5 RMSA flyers who contributed to the final team scores. Skip, Bob Charlie, Gary and Jack did a great job. Two Lewan boys in the top 5 – that's gotta feel good... Our British transplant Phil just missed the top 5. That Starlite flies a bit better with the v-tails going in the right direction – eh?

The PPSS team flew quite well with Mark Howard flying in enemy colors. Mark managed a top 5 PPSS finish even with almost 700 point hit in Round 4. He won every other round too... Ouch.

We got off to a slow start – then the sprinkler came on and began it's march towards the flight line – fortunately it was off – they were just repositioning it. We managed to wind everything up about 11:30 and with just a few minutes delay set the lines up in the other direction and were flying again quickly. MANY thanks to the winchmasters who coordinated and executed the move. Shannon and I shared CD duties, and poor Shannon was suffering from a bit of hanging on illness. We ran things man-on-man with line breaks and popoffs moved to the next available spot in another group. This actually worked out quite well.

I experienced some misfortune when 1) Marc turned our Eraser on before the transmitter, and the transmitter was on a different model. This overdrove the aileron servo and terminally jammed it – out for the contest. 2) Marc launched with my Emerald and popped off – probably because the launch setting were not set up properly yet on my new Stylus. 3) On his relaunch Marc popped off again – only this time with no control and augered in. We are not sure what went wrong, but suspect the switch was not completely in the on position and it switched off during the “exciting” launch. It has since been repaired and is not as pretty as before but is still serviceable.

Included here are some pictures from Dr. Dan...

I think everyone had fun and that is the main point of being there. Thermals - **Jim**

Challenge Cup Results by RMSA Class

		RD1	RD2	RD3	RD4	RD5	Total	Norm by Class
M	Masters							
M	Skip Miller	1000	1000	989	993	1000	4983	1000
M	Bob Lewan	940	1000	957	1000	1000	4897	983
M	Charlie Miller	963	920	1000	1000	1000	4883	980
M	Jack Zika	770	1000	1000	855	979	4603	924
M	Phil Jones	928	1000	922	855	865	4570	917
M	Lenny Keer	969	967	965	575	1000	4476	898
M	Mark Howard	1000	1000	1000	331	1000	4331	869
M	Byron Blakeslee	1000	1000	964	371	756	4090	821
M	Shannon Bingham	986	996	819	256	837	3894	782
M	Don Ingram	753	765	990	519	606	3633	729
M	Bob Moffett	818	874	858	486	421	3458	694
M	Lenny Reflight	0	0	969	0	0	969	194
S	Sportsman							
S	Gary lewan	906	1000	1000	717	987	4610	1000
S	John Kappus	1000	990	951	1000	433	4374	949
S	Bob Johnston	828	835	863	417	628	3571	775
S	Novice							
N	Dr. Dan Williams	616	963	931	427	407	3344	1000
N	Wayne Hollenbeck	561	282	280	403	275	1802	539



Rocky Mountain Soaring Association

Challenge Cup Overall Results

Class	Name	RD 1	RD 2	RD 3	RD 4	RD 5	Total	Norm by Contest	Norm by Team	
P	PPSS									Team Total: 22322
P	Mike Fritz	1000	888	1000	917	1000	4805	964	1000	
P	Bob Avery	964	986	844	895	1000	4689	941	976	
P	Larry Laughlin	970	860	868	838	858	4394	882	914	
P	Mark Howard	1000	1000	1000	331	1000	4331	869	901	
P	Greg Tarza	625	918	979	1000	581	4103	824	854	
P	Dave Meyers	974	964	1000	629	519	4087	820	851	
P	Jack Dech	608	881	819	1000	669	3977	798	828	
P	John Read	1000	833	504	946	562	3844	772	800	
P	Rich O'connell	804	974	805	1000	229	3811	765	793	
P	Dave Kurth	724	938	606	526	545	3340	670	695	
P	Austin Cleis	710	594	922	941	167	3334	669	694	
P	Chris Keller	426	822	984	127	955	3314	665	690	
										Team Total: 23975
R	RMSA									
R	Skip Miller	1000	1000	989	993	1000	4983	1000	1000	
R	Bob Lewan	940	1000	957	1000	1000	4897	983	983	
R	Charlie Miller	963	920	1000	1000	1000	4883	980	980	
R	Gary lewan	906	1000	1000	717	987	4610	925	925	
R	Jack Zika	770	1000	1000	855	979	4603	924	924	
R	Phil Jones	928	1000	922	855	865	4570	917	917	
R	Lenny Keer	969	967	965	575	1000	4476	898	898	
R	John Kappus	1000	990	951	1000	433	4374	878	878	
R	Byron Blakeslee	1000	1000	964	371	756	4090	821	821	
R	Shannon Bingham	986	996	819	256	837	3894	782	782	
R	Don Ingram	753	765	990	519	606	3633	729	729	
R	Bob Johnston	828	835	863	417	628	3571	717	717	
R	Bob Moffett	818	874	858	486	421	3458	694	694	
R	Dr. Dan Williams	616	963	931	427	407	3344	671	671	
R	Wayne Hollenbeck	561	282	280	403	275	1802	362	362	



Rocky Mountain Soaring Association



Pilots Award Meeting



The Attack of the Sprinkler!!



Setting up the winches - THANKS GUYS!!!



Rocky Mountain Soaring Association

August HL Results Bob Lewan CD

	ROUND 1		ROUND 2		ROUND 3		ROUND 4		ROUND 5		ROUND 6		
NAME	RAW	NORM	RAW	NORM	RAW	NORM	RAW	NORM	RAW	NORM	RAW	NOR	TOTAL
Skip Miller		1000		1000		1000		889		1000		1000	5889
John Kappus		852		1000		1000		804		902		1000	5558
Tom Gressman		852		769		945		930		847		962	5305
Lenny Keer		852		919		582		933		1000		982	5268
Jeff Burg		840		880		879		1000		756		667	5022
Jack Zika		706		852		733		716		889		917	4813
Shannon Bingham		1000		841		762		638		610		836	4687
Bob Lewan		840		769		676		1000		683		637	4602
Charlie Miller		840		845		776		750		526		388	4125
Joe Newcomb		602		633		580		783		652		791	4041
Byron Blakeslee		586		438		437		192		460		447	2560
Gary Lewan		602		85									687

August 2m Results CD Mark Howard

This was one tough contest. The temperatures were in the high 80's - although with the humidity it felt much warmer. The format was the usual 7 min. tasks with runway landings. Simple eh?

Not one pilot maxed all 6 rounds! Lenny Keer took a 225 point hit in the second round and still won. I took a 522 point hit in the fourth round but took second. What a crazy day. The scores weren't the only problem for several pilots. Phil Jones crashed in the third round following a mid-air with Mr. Zika's Super-V. Bob Moffett was posed to win after five rounds, but his Image had other ideas. On launch it never pulled out of the zoom -- diving to the ground. I stripped a flap servo when the winch line broke on launch -- before I released the plane - the plane recoiled and the flap hit me in the head. Art Ries had various problems keeping his wing's from mating, but prevailed in Novice. John Kappus survived a low-level pop-off for a max. He took Sportsman honors.

For this contest, I tried a new launch strategy - everyone launches at once (or nearly so). I think this worked well to ensure man-on-man competition; however there were several near-mid-air on tow, so I abandoned that idea. We could probably do this if we set the winches up farther apart. We also had problems with pop-offs. I announced at the pilot's meeting that any pop-off would require a group re-flight as we had no spare winch. As usual, we had a few pop-offs at the start of the contest - from all three classes. But the problem persisted and became quite annoying. To remedy this, I'd suggest we limit the pop-offs to one per contest regardless of class. I'd like to see us standardize other pop-off procedures as well (time to declare, spare winch permitted, if so how much time into the round before a re-flight is required....).

All in all a very long day. I congratulate the winners, and lament the losses. As 2M participation is down this year, I'll probably drop back to one 2M contest next year.

Mark



Rocky Mountain Soaring Association

August 2M Results

Class Name	RD 1	RD 2	RD 3	RD 4	RD 5	RD 6	Total	Norm by Contest	Norm by Class	
N Novice										
N Art Ries	777	794	124	312	243	149	2399	421	1000	
N Dan Williams	185	209	194	235	630	740	2192	385	914	
S Sportsman										
S John Kappus	920	724	1000	1000	1000	1000	5644	991	1000	
S Gary Lewan	1000	850	850	232	980	1000	4912	862	870	
S Matt Curtiss	618	247	826	231	414	776	3112	546	551	
M Masters										
M Lenny Keer	941	775	1000	980	1000	1000	5697	1000	1000	
M Mark Howard	998	967	1000	479	1000	985	5429	953	953	
M Bob Lewan	998	1000	1000	975	357	769	5099	895	895	
M Bob Moffett	1000	1000	795	1000	923	13	4730	830	830	
M Jack Zika	1000	409	622	1000	285	1000	4316	758	758	
M Phil Jones	940	1000					1940	341	341	

For Sale

Selection of built, balanced, ready to fly hand launch gliders with servos and battery.

Tom Gressman
Office 303-744-3535X 3101
Home 303-979-8073
Email tgressman@aol.com

Moulded Emerald - Fixer-upper dorked Emerald composed of the following:

repaired fuse (broken tailboom repaired with a jig (its straight and compares identically to an un-dorked fuse) and carbon fabric. Fuse also has some dings and cracks in nosecone area which have been repaired with CA.

One relatively undamaged LEFT wing built with this model with a minor delam in the skin near the root. Wing has Airtronics 141's installed and carbon ziggies on control surfaces. Wing is Red top, black bottom custom color.

One relatively undamaged RIGHT wing from another model which crashed and destroyed its left wing - lucky for me. Wing had some tiny prototype Airtronics servos in it which have been expertly removed. Wing has internal control surface pushrods for flaps and brass tube ziggie for aileron a la the newest Emeralds. Wing comes with two Airtronics 141's from the original Right wing. Locator pin in this wing will need to be relocated in order to seat with the hole in the fuse. I suggest replacing the internal push rod situation with another set of carbon ziggies like those already in the left wing and you are ready to go. Wing has a few minor skin delams around the servo pockets and push rod exits. Alignment with the fuse fairing, wing rod and the other wing is absolutely perfect. Color match is also perfect, red top, black bottom. R&R gets the Eli Whitney award for parts being identical on two models approximately 1.5 years apart in vintage.

EXTRA RIGHT wing - a set of replacement Emerald wings are priced at \$500, so don't laugh at me for throwing this in, it may be of value to someone. One dorked right wing with root damage, but undamaged spar caps. Repairable if you need another wing or want to attempt to sell this one to someone trying to restore a dorked Emerald. Need to reglue spar tube and do some rohacell and skin repair. Comes with some extra rohacell from R&R. Potential great winter project if you know how to repair molded models.

Stabs are perfect. red top black bottom. Rudder is built-up. 5/8 carbon wing rod. Model comes with battery, switch, two fuse servos all installed and ready to go. Standard size Airtronics servos in fuse, one high torque, contest servo for elevator - ultralight carbon pushrods. Total of six servos. Just add your receiver, finish servo installation in replacement right wing and go fly.

I'm asking \$425 for the model with six servos - someone could have a pretty nice Emerald in the air in a couple of evenings for a reasonable price.

Shannon Bingham (303) 499-2314 binghams@boulder.earthnet.net



Rocky Mountain Soaring Association

Open Class Standings

	Mar	PI	Apr	PI	May	PI	June	PI	July	PI	July 2M	PI	Aug	PI	Aug 2M	PI	Sep	PI	PPSS	PI	Best 6	Place	99 Pts	99 Wins	00 Pts	00 Wins	Tot Pts	Total Wins	Promo		
Masters																															
Miller Skip	1000	1	997	3	996	3	981	4	1000	1			1000	1			1000	1			5993	1									
Howard Mark	932	7	816	9	981	6	1000	1	997	3	1000	1			953	2	869	7	1000	1	5863	2									
Lewan Bob	914	10	946	6	758	14	931	6	1000	1	683	5	999	2	895	3	983	2			5773	3									
Keer Lenny	860	12	999	2	922	9	877	10	992	4	844	2	922	4	1000	1	898	6			5733	4									
Miller Charlie	977	3	749	12	994	4	921	7	964	6			882	5			980	3			5718	5									
Blakeslee Byron	958	4	958	4	1000	1	892	8	981	5			785	7			820	8			5609	6									
Zika Jack	764	13	654	14	966	7	997	2	909	9	687	4	211	10	758	5	924	4			5318	7									
Bob Moffett	945	6	764	11	866	12	848	11	910	8	804	3	823	6	830	4	694	11			5222	8									
Don Ingram	950	5	815	10	892	11	890	9	875	10			773	8			729	10			5195	9									
Miller Dusty	995	2	952	5	983	5	987	3					998	3							4915	10									
Monaco Jim	929	8	899	7	938	8	557	13					578	9							3901	11									
Shannon Bingham			1000	1			935	5	935	7							782	9			3652	12									
Padilla John	917	9			997	2	794	12													2708	13									
Rice Bob	586	14	718	13	840	13															2144	14									
Barr Jim	885	11	630	15																	1515	15									
Pederson Bob			550	16	913	10															1463	16									
Phil Jones															340	6	917	5			1257	17									
Douglas Bob			852	8																	852	18									
Sheldon Matt									810	11											810	19									
Weigle Phil																					0	20									
																					0										
Sportsman																															
Lewan Gary	745	2	972	2	1000	1	790	5	993	2	1000	1	621	3	870	2	1000	1			5835	1	4	0	18	3	22	3		P	
Jones Phil	1000	1	1000	1	961	3	980	2	1000	1											4941	2	3	1	12	3	15	4		P	
Kevin Moffett	742	3			802	4	1000	1	767	3	918	2									4229	3	0	0	7	1	7	1			
Bob Johnston			501	4	980	2	797	4	596	4			617	4			717	3			4208	4	0	0	3	0	3	0			
Kappus John							906	3					932	2	1000	1	949	2			3787	5	5	1	8	1	13	2			
Monaco Marc	687	4	416	5	735	5							1000	1							2838	6	2		3	1	5	1			
Matt Curtis									573	5			295	5	551	3					1419	7	3	1	1	0	4	1			
Bob Hatch	581	5	521	3																	1102	8	5	1	1	0	6	1			
Rick Housden	470	6																			470	9	0	0	0	0	0	0			
Jack Oliphant			293	6																	293	10	0	0	0	0	0	0			
																					0				0	0	0	0			
NOVICE																															
Curtis Matt	1000		1000		729		1000														3729	1	3	0	0	0	3	0			
Dr. Dan Williams	500												1000		914		1000				3414	2			0	0	0	0			
Joey Wertz					1000																1000	3			0	0	0	0			
Art Ries															1000						1000	3	6	2	0	0	6	2			
Wayne Hollenbeck																	539				539	5	8	1	0	0	8	1			



Rocky Mountain Soaring Association

2000 RMSA Contest/Event Calendar

Date	Event	CD	Notes
Jan. 4	RMSA Meeting		
Feb. 1	RMSA Meeting		
Feb 4-6	<i>Southwest Classic</i>		<i>CASL Southwest Classic - Phoenix AZ</i>
Mar. 7	RMSA Meeting		
Mar. 12	Open*	Lenny Keer	
Mar. 19	Pro-Am	Jim Monaco	Third annual Pro-Am
<i>Mar. 26</i>	<i>PPSS - Open</i>	<i>Joel Zelmer</i>	<i>March Madness</i>
April 2	E-ZAGI Fun Fly	Lenny Keer	
Apr. 4	RMSA Meeting		
Apr. 9	Open*	Jim Barr	
Apr. 16	HLG**	Shannon Bingham	
<i>Apr. 23</i>	<i>PPSS - RES</i>	<i>Greg Tarcza</i>	<i>Humps'n Bumps</i>
April 30	2M*	Mark Howard	Restricted to 2 meter models
May 2	RMSA Meeting		
May 7	Open*	Bob Pederson	
May 13	HLG**	Skip Miller	Saturday event
<i>May 20</i>	<i>PPSS - Open</i>	<i>Austin Cleis</i>	<i>May Fly Contest</i>
May 21	E-ZAGI Fun Fly	Lenny Keer	Another attempt
May 27-28	F3B	Mark Howard	National Level Open
<i>June 3-4</i>	<i>IHLG</i>		<i>International HL Contest Torrey Pines CA</i>
June 6	RMSA Meeting		
<i>June 10</i>	<i>PPSS - 2M</i>	<i>John Read</i>	<i>First Annual Memorial Cup</i>
June 11	Open*	Bob Rice	
June 17	HLG**	Lenny Keer	Saturday event
June 18	RES†	Shannon Bingham	Rudder/Elevator/Spoiler only
<i>June 24</i>	<i>PPSS - RES</i>	<i>Jack Dech</i>	<i>Summer Solstice</i>
July 1	RES†	Rick Housden	Saturday event - Rudder/Elevator/Spoiler only
July 9	2M	Mark Howard	Rescheduled 2M event
July 11	RMSA Meeting		
<i>July 15</i>	<i>PPSS- HLG</i>	<i>Rich O'Connell</i>	<i>Upchuck HLG</i>
July 16	Open*	Bob Lewan	
<i>July 23</i>	<i>PPSS - Open</i>	<i>Dave Meyers</i>	<i>Height'o the Season</i>
Aug. 1	RMSA Meeting		
<i>Aug. 5</i>	<i>PPSS - Night Fly</i>	<i>Frank Deis</i>	<i>Any expendable plane</i>
Aug. 6	Open*	Jim Monaco	Kinda-F3J
Aug 13	HLG**	Bob Lewan	
<i>Aug. 20</i>	<i>PPSS - RES</i>	<i>Bob Avery</i>	<i>Dog Daze</i>
Aug. 27	2M*	Mark Howard	Restricted to 2 meter models
Sept. 5	RMSA Meeting		
Sept. 10	Open*	Mike O'Hearn	AKA: Colorado Challenge Cup
Sept. 16	RES†	Rick Housden	Saturday event - Rudder/Elevator/Spoiler only
<i>Sept. 23</i>	<i>PPSS - Open</i>	<i>Mike Fritz</i>	<i>Soar Bash</i>
Oct. 3	RMSA Meeting		
<i>Oct 7-8</i>	<i>Visalia</i>		<i>Visalia California</i>
Oct. 15	Open*	Shannon Bingham	
<i>Oct. 21</i>	<i>PPSS - RES</i>	<i>Milt Woodham</i>	<i>Witches Brew</i>
Nov. 7	RMSA Meeting		
Nov. 12	Open	Bob Rice	
<i>Nov. 19</i>	<i>PPSS - Open</i>	<i>Jerry Murphy</i>	<i>Turkey Shoot</i>
Dec. 10	Awards Banquet		

*Club Open points contest ** Club HLG points contest † RES Triad Points
 Italics indicates major national level contests available for points and PPSS events



2000 Board Members

President:	Shannon Bingham	(303) 499-2314	binghams@boulder.earthnet.net
Vice President:	Jim Monaco	(303) 464-9895	j.m.monaco@worldnet.att.net
Secretary:	Bob Rice	(303) 745-5269	bob.rice@tobin.com
Treasurer:	John Pearson	(303) 306-6800	jp7120@aol.com
Past President:	Mike O'Hearn	(303) 693-6925	m.o.hearn@worldnet.att.net

Member Support

<http://rmsa@frontpage.com>

Chief

Instructor:	Jack Zika	(303) 279-1549	(303) 505-9488 (Pager)
Instructor:	Mark Howard	(303) 278-7519	Mhoward@spaceimaging.com
F3B/F3J:	Mark Howard	(303) 278-7519	Mhoward@spaceimaging.com
Librarian:	Tracy Cochran	(303) 934-8838	Tcochran@idcomm.com
Newsletter:	Jim Monaco	(303) 464-9895	j.m.monaco@worldnet.att.net

Winch Masters

Bob Rice	(303) 745-5629	Bob.rice@tobin.com
Bob Moffett	(303) 426-0328	Rtm0007@aol.com
Shannon Bingham	(303) 499-2314	binghams@boulder.earthnet.net
Gary Lewan	(303) 277-1375	
Matt Curtis	(303) 698-4376	



Directions to Field

Take I-76 to exit 16. Turn left and follow the frontage road through the circle onto 120th eastbound towards the airport. Take 120th East to Tower Rd. Continue straight through traffic light and look for the sod sprinkler on the left. We are on the southwest corner of that part of the sod farm.

Flying for RMSA members and accompanied guests only.



Rocky Mountain Soaring Association
1123 S. Oakland St
Aurora CO 80012

First Class Mail

Forwarding Address Requested