



# Thermals

Newsletter of the Rocky Mountain Soaring Association

Sept. 2004

AMA Chartered Club 1245

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## President's Message

There has a lot been happening this last month to talk about and this issue will be a busy one. Just a quick overview of all that has gone on. Here we go, our Joseph Newcomb went to the F3J Worlds on the Junior team and did very well. Skip Miller went to watch the worlds and lend a helping hand where he could, Lenny Keer went to England for the F5B worlds (As I remember), Skip and myself went to the NATS. Skip stayed for the XC and the HLG and I stayed and flew everything (Glutton for punishment), and the month before that Mark Howard set a world record! So read on. NOW, it is that time of year again...

**Election Time.** So anyone interested in helping the club out by holding an Officer position (or for that matter even if you are not interested and were pushed into it) PLEASE let me or any of the club officers know what you would like to do or who you would like to nominate. Yes you can nominate yourself without ridicule... We have to have the club nominations in by October So lets step up people. Remember it is ok to nominate yourself!!!!

**NATS:** Well this week was an interesting NATS to say the very least. The first two days were Cross Country with light to no lift both days. The first day had enough for attempts to get out on course but no one was able to fly a complete out and back course once. The second day was worse with wind and no lift most of the XC people would drift back from the launch point to the starting gate and then just fly into the wind till they landed. For the first time they had CCXC closed course XC for the scale flyers. It was just about the same, aerotow and jump into the car and go for a sled ride till you landed. The Fun Fly CCXC was a lot of fun but very seriously but could be the start of something big sort of a fun fly for the scale gang to have fun with. There was a great turnout for the CCXC scale event. The third day was Handlaunch. To make this day interesting Muncie had 3/4 of an inch of rain for the day a few rounds we got in before it started to rain then it pretty much stayed for the remainder of the day. It was raining hard enough that two people had transmitter trouble, one lost the LED screen and the other had the transmitter shut down crashing his DLG. Two Meter the fourth and fifth day's brought another interesting two day's. The first day if you launched hard enough your bird got "Fuzzy" in the cloud base. The air was ok that day and you could make your times working in and out of cloud base till it was time to come home. The second day was a much better day ( you could see the blue stuff) but the lift was light and you had to work for it. Open class Day's Six and seven. The sky was broken with good visibility but lift was light at best and it was a bit windy. I ended up on one flight drifting with light lift down over the headquarters and beyond had I not found lift on that flight I would have landed on the HQ building! RES Nostalgia What a great day with great lift and short cycles of nothing but down. Bright blue sky's and about a eight to ten mph wind. It was a great time - anyone that has not been should really think about going to the NATS and even if you have gone you should think about going again...it is a long week but a lot of fun...What can I say I am already planning to go again next year.

**The F3J Worlds:** I was going to be there but could not make it this year. Our Joseph Newcomb was there and he is going to come to the meeting and talk about his experience of being there. He is going to talk at the next meeting about his experience about his first time at a Worlds event (I bet it will not be his last). Skip will also give his perspectives.

**VISALIA :** To this point I know Cody, Skip Miller and maybe Charlie Miller and myself are going to Visalia. If you are going and need equipment taken to the contest I will be leaving Monday night after work from my office (around 6:00) So if you need/ want to have your "stuff" driven out there you had better get ahold of me soon! See you soon have a great Month. Just remember to keep your chin up (it makes a better target that way) *Dr. Dan Williams*

### Next Meeting:

**Date/Time:** September 7, 2004 – 7:00 PM

**Location:** Lee Chiropractic  
72<sup>nd</sup> and Hooker  
Westminster CO

**PROGRAM:** Joe Newcomb and Skip Miller will talk about the F3J World Championships



**Colorado Challenge Cup**  
**Sept. 12, 2004**  
**CD – Bob Rice**

**Registration:** 8:30 AM  
**Pilot Meeting:** 9:00 AM  
**First Round:** 9:15 AM  
**Entry Fee:** \$8.00 (\$5.00 for Juniors)

Winchmasters – Please be at the field by 8:00 AM.

**Current AMA membership is required and must be shown at registration**

**Tasks:** T1 International Duration – Duration set by conditions.  
**Landing:** L4 Spot landing with standard (25') AMA landing tapes.

**Scoring:** Man on Man, random flight group assignment.

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

We will be flying on the NW corner of the Sod Farm at 120<sup>Th</sup> and Tower (same as F3J team selection).

Trophies awarded to the top five pilots of each club. The best five scores of pilots from each club will be used as team scores. Top club wins the Challenge Cup and bragging rights for the next year.

***Good Luck to Everyone.***

*Bob Rice, CD*  
*Rocky Mountain Soaring Assn.*  
*303-745-5629*

## RMSA August 8th Open Contest Report Mike Verzuh CD

The contest this August turned out to be on an outstanding day! The weather really cooperated, and the flying was great. The wind was out of the North to Northwest all day at 5-8 MPH. We did have a rather low flyer turnout with the NATS and F3J Worlds competing for our club's attention. We ended up with only 11 contestants, all Masters and Sportsman – come on you novices, we would love to see you at our contests! The low turnout gave us an advantage as we needed to field just four winches, and we got in eight rounds. The temperature was moderate for August (low 80s), which was a good thing, because there was not very much rest time. We completed 6 rounds by 1:30 when we had to shift around the sprinkler. The sprinkler shift went extremely well – thanks to everyone for pitching in to make a quick move. Because the day was still young, and the weather great, we all agreed that after the move we would get in another two, ten-minute rounds, which we pulled off by 3:15 or so. Overall the day went well with no mishaps-the only glitch was Byron experienced mechanical problems on both of his planes, so he could not complete the day. How often does that happen! Better luck next month Byron! Gordy Stahl (Gordy Soars) was able to join us for this contest – in fact we even let him win. . . . . No, not true. Gordy flew a great contest, turning in eight great rounds for a Masters win. Second went to Dr. Dan, third to John Kappus, fourth to Mike Verzuh, and fifth to Bob Vixie. In Sportsman Cody Remington continued his great flying and took first with Steve Suntken in second. Steve is also having a great year – keep up the good flying Steve. That's it for August. Lets get a better turnout for the upcoming September Challenge Cup. The Colorado Springs guys are flying great this year, and with a low RMSA turnout they could take the cup! See you in September.

### Mike Verzuh

ID	Class	Name	Place by Class	RD 1	RD 2	RD 3	RD 4	RD 5	RD 6	RD 7	RD 8	Raw Total	Total	Norm by Class	Norm by Contest	Place by Contest
	<b>M</b>	<b>Masters</b>														
2	M	Gordy Stahl	1	982.42	984.68	1000.00	989.42	1000.00	1000.00	1000.00	992.82	7949.33				1
11	M	Dr. Danny Williams	1	1000.00	988.96	956.82	968.59	968.75	975.72	985.59	1000.00	7844.43	7844.43	1000.00	1000.00	1
4	M	John Kappus	2	1000.00	1000.00	996.48	991.18	1000.00	982.30	790.01	1000.00	7759.98	7759.98	989.23	989.23	2
3	M	Mike Verzuh	3	775.06	936.54	1000.00	989.40	987.85	1000.00	1000.00	982.76	7671.60	7671.60	977.97	977.97	3
6	M	Bob Vixie	4	969.23	949.23	1000.00	1000.00	965.10	1000.00	785.30	808.14	7477.00	7477.00	953.16	953.16	4
1	M	Jim Monaco	5	997.77	995.60	989.42	1000.00	1000.00	810.57	960.35	502.87	7256.59	7256.59	925.06	925.06	5
9	M	Bob Avery	6	819.63	1000.00	493.96	996.51	632.87	947.02	1000.00	1000.00	6889.98	6889.98	878.33	878.33	6
10	M	George Blair	7	612.73	878.59	544.97	1000.00	965.03	420.70	989.77	869.25	6281.05	6281.05	800.70	800.70	8
8	M	Byron Blakeslee	8	1000.00	679.12	269.37						1948.49	1948.49	248.39	248.39	10
	<b>S</b>	<b>Sportsman</b>														
5	S	Cody Remington	1	951.65	1000.00	639.03	386.93	944.44	975.72	868.42	994.19	6760.38	6760.38	1000.00	861.81	7
7	S	Steve Suntken	2	729.44	984.62	980.60	506.11	469.46	993.36	479.83	979.89	6123.30	6123.30	905.76	780.59	9

## Handlaunch Contest Report July 18<sup>th</sup> John Kappus CD

One and a half feet of snow in the mountains on Friday wasn't too encouraging for our last Hand Launch contest of the season, but by Sunday, we were greeted with incredible Colorado weather. Winds were light to moderate at times making the tasks challenging, but there were thermals to be had most of the time.

We had improved attendance, which included Lenny Keer and Andrew Wright, down from Greeley, to show us how to fly. Joseph Newcomb, fresh from his 5<sup>th</sup> place World Championship F3J finish, promised he'd go easy on us and not embarrass us too badly. Cody Remington and his dad Hal came out to watch the activities, and after watching them fly during the lunch/sprinkler break, we convinced them that they were really good enough to fly with us. They took turns flying practice with us in the B group for the rest of the contest. Turns out that 'good enough' was an understatement, as Hal would have won the round on his first attempt.

We flew 7 rounds of tasks from the IHLGF with seeded groups for the last 3 rounds. We even included the dreaded 'ladder task' of increasing flight times just because Joseph likes it (after all he is World Class so earns the choice). This task, which isn't one of my favorites, provided a humorous moment when I almost botched it up right at the beginning. I landed the 15 second flight at my feet and went to grab and throw quickly only to find that the plane's nose was stuck in the grass and wouldn't come out. Rather than break it, I tried to stop my forward progress instantly. Turns out I lost my footing and I ended up flat on my back with my hand on the plane, the nose still stuck, and the clock ticking. Hope it looked better that it felt! I had another interesting round during a down lift cycle. With

everyone else falling out of the sky, I flew across the field where they were mowing the grass. I got a small bump passing over an idling mower at 30 feet. I circled this 'active' thermal, never gaining or losing, until I got my max just as the mower resumed operation. In round 6, Joseph was finally successful in ending my 14 consecutive round winning streak with a near perfect task. Just to prove that that wasn't a fluke, he did it again in round 7 to achieve a close 2<sup>nd</sup> place for the contest. Bob Vixie, launching highest as always, finished third.

This was a fun last contest at the RMSA field, but don't forget Bob's Colorado Springs contest in October. The Springs contest will even count towards season points!

*John*

Name	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Grand Total	Norm Score	Place
John Kappus	1000	1000	1000	1000	1000	873	988	6861	1000	1
Joseph Newcomb	942	1000	1000	920	866	1000	1000	6728	981	2
Bob Vixie	959	1000	986	1000	713	880	831	6369	928	3
Jim Newcomb	1000	875	688	810	757	1000	524	5654	824	4
Andrew Wright	977	857	814	489	1000	553	868	5558	810	5
Lenny Keer	836	714	529	605	799	731	1000	5214	760	6
Zach Maytum	826	375	461	145	960		831	3598	524	7

## 2004 Handlaunch Season Standings

HLG Season Championship Points (Best 3 of 4)	6/26/04	7/18/04	8/29/04	Oct 04 (Springs)	Grand Total	Normalized Score	Place
Name	Normalized Score	Normalized Score	Normalized Score	Normalized Score	Grand Total	Normalized Score	Place
John Kappus	1000	1000	1000		3000	1000	1
Bob Vixie	983	918	928		2829	943	2
Joseph Newcomb	965	880	981		2825	942	3
Jim Newcomb	857	978	824		2659	886	4
Andrew Wright	861		810		1671	557	5
Lenny Keer			760		760	253	6
Zach Maytum			524		524	175	7

## For Sale

**F3J Tsunami/yellow/red v-tail.** A+ condition with 1100 ma SR battery,switch,Hitec Superslim receiver,onboard voltage monitor,fuse bag,fuse stand for storage and traveling, skeg, Volz micro max's in fuse with Volz wingmax HP's in the wing. The servo package originally costs over \$500. Shredair currently lists the Tsunami as \$1375 plus shipping. Yours for \$1500.00

Bag Lady bag and Bag Lady tails socks extra \$200.

**Tom Gressman/Call 303-246-6151 or 303-744-3535 X1101**

**Eraser Extreme** V-tail with servos. \$500 This is Byron's former model, still in great shape. John Kappus 303-861-7121 or [john.kappus@medtronic.com](mailto:john.kappus@medtronic.com)

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**Taboo DLG** for sale, ready to fly. Great entry level discus launch plane with nice floaty glide. Includes servos and gyro. \$175.

**Lenny Keer --- Lenny970@AOL.com --- 970 352-1194**



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**Escape-** JR 378 on ailerons and flaps, Hs-85s on ruddervators. \$700

**E-4-**same as above \$850.00

**Xenith-**perfect condition, servos as above. \$1,100.00

**Bob Lewan 303-655-1649 or [rlewan@earthlink.net](mailto:rlewan@earthlink.net)**

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**VAMPIRE** by Tom Finch minor damage on one tip otherwise in bran new condition.

750.00 With new Voltz

450.00 with out servos

I am taking this one to Visalia to sell so you had better act fast if you want it.

**Dr. Dan Williams 303-903-2291**



*Freedom – the flying dog!!!*

## F3J World Championship Statistics

Flying at the world class level is an incredible achievement. Following are some of the statistics from the WC courtesy of Antonis Papadopoulos. You can see how good the majority of the competitors are and how close the scores are. Note that the numbers are in European format where the comma is the same as our decimal point.

Flight Time	R1	R2	R3	R4	R5	R6	R7	R8	R9	Total	%
10.00 - 9.55	4	1	0	2	0	1	6	6	0	20	3,70
9.54 - 9.50	28	21	32	39	5	38	44	34	11	252	46,67
9.49 - 9.40	6	3	19	4	5	6	3	5	8	59	10,93
9.39 - 9.30	0	1	1	1	1	0	0	1	0	5	0,93
9.29 - 9.00	1	4	3	2	4	2	0	1	2	19	3,52
8.59 - 8.00	4	4	2	1	12	1	0	2	4	30	5,56
7.59 - 7.00	0	10	0	1	7	2	0	1	6	27	5,00
6.59 - 6.00	3	4	1	3	11	2	0	2	5	31	5,74
less than 6	14	12	2	7	15	8	7	8	24	97	17,96
	60	60	60	60	60	60	60	60	60	540	<b>100,00</b>

Those data represent the number of competitors by rounds (horizontal axis) and by flight time (vertical axis)

Distance from Spot	Landing Points	R1	R2	R3	R4	R5	R6	R7	R8	R9	Total	%	
1	100	22	19	20	28	26	35	28	22	24	224	41,48	
2	95	16	26	18	22	15	12	15	20	19	163	30,19	
3	90	3	7	13	5	11	3	8	7	4	61	11,30	82,96
4	85	4	1	4	1		3	2	1	2	18	3,33	
5	80	1		2			2	1	1		7	1,30	87,59
6	75	2	1	1				1	1		6	1,11	
7	70		2			1		1			4	0,74	
8	65						2		1		3	0,56	
9	60										0	0,00	
10	55	1			1						2	0,37	
11	50						1			3	4	0,74	
12	45			1				1			2	0,37	
13	40					1					1	0,19	
14	35		1	1							2	0,37	
15	30	2									2	0,37	
over 15	0	9	3		3	6	2	3	7	8	41	7,59	
		60	60	60	60	60	60	60	60	60	<b>540</b>	<b>100,00</b>	

On the last column there are some percentage totals so also from this Wch we can see that 87,59 % of all the flights landed within 5 m from the allocated spot.

Comparison of 2002 with 2004.

Landings				Flights			
Distance from Spot	Landing Points	2004	2002			2004	2002
1	100	41,48	37,28		10.00 - 9.55	3,70	1,61
2	95	30,19	26,75		9.54 - 9.50	46,67	50,58
3	90	11,30	14,47		9.49 - 9.40	10,93	17,98
4	85	3,33	6,43		9.39 - 9.30	0,93	1,02
5	80	1,30	3,22		9.29 - 9.00	3,52	4,09
6	75	1,11	1,46		8.59 - 8.00	5,56	5,56
7	70	0,74	1,61		7.59 - 7.00	5,00	4,39
8	65	0,56	0,73		6.59 - 6.00	5,74	3,07
9	60	0,00	0,15		less than 6	17,96	11,70
10	55	0,37	0,29				
11	50	0,74	0,44				
12	45	0,37	0,00				
13	40	0,19	0,00				
14	35	0,37	0,29				
15	30	0,37	0,15				
over 15	0	7,59	6,73				

## 2004 Electric World Champs – York, England

A couple of weeks ago I was fortunate enough to attend the electric World Champs as a helper on the US F5B team. The contest was held in England and featured electric glider (F5B) competition, and electric pylon racing (F5D). This event takes place every two years, bringing together competitors from around the world. This year there were teams from 18 countries entered.

F5B is a multitask electric soaring event. It starts with a distance task, requiring the pilot to fly as many laps as possible in 200 seconds. The motor can only be used outside the course to climb for altitude. When the distance time ends, the pilot immediately climbs up and starts a 10 minute thermal duration task that concludes with a spot landing. A good overview of F5B competition can be found in the August "Quiet and Electric Flight" magazine, and online at [www.f5b.co.uk/](http://www.f5b.co.uk/)

Despite the sometimes soggy English weather, five rounds of F5B were completed with the German team claiming victory. The top fliers were from Germany, Switzerland, Italy, and Austria. The US team had two members in the top ten. The third US team pilot had some hardware problems and placed 23<sup>rd</sup>, putting the US team in 5<sup>th</sup> place. For those interested, the full results can be seen at [www.befa.org.uk/WC2004](http://www.befa.org.uk/WC2004)

It was a real treat to see the best F5B pilots in the world compete against each other. There were a couple of new developments in models and some new batteries that are becoming available. It was also interesting to watch the different flying styles that people had. It was an educational trip for me that I hope will help to improve my own F5B performance. The US team selections for the 2006 World Champs will be held next summer, and I'll be working towards earning a slot on the F5B team.

*Lenny Keer*



## 2004 Open Class Standings

	Mar	PI	Apr	PI	May	PI	SSF	PL	June	PI	F3J	PI	July	PI	Aug	PI	Nat. Lvl.	Name	Best 6	Place	Prev Pts	Prev Wins	04 Pts	04 Wins	Tot Pts	Total Wins	Promo	
<b>Masters</b>																												
Dr. Dan Williams	992.00		1000.00		993.69				907.94		999.70		987.18		1000.00		926.00	SWC	5973.00	1								
Skip Miller			970.00		1000.00				1000.00		1000.00		960.46				995.00	SWC	5925.00	2								
Bob Vixie	978.00				922.95				983.68				990.02		953.16		978.00	SWC	5806.00	3								
Lenny Keer	1000.00		481.00		995.91				990.60		961.79		864.97				985.00	SWC	5798.00	4								
Jim Monaco	996.00		928.00		959.43				937.27				970.73		925.06		992.00	SWC	5783.00	5								
Joseph Newcomb	974.00		919.00		909.60				996.55		971.55		965.78				906.00	SWC	5736.00	6								
Mike Verzuh			810.00		996.61				900.88				1000.00		977.97		990.00	SWC	5675.00	7								
Charlie Miller	990.00		935.00		913.71				486.05				993.07				980.00	SWC	5298.00	8								
Byron Blakeslee	956.00		983.00		879.47				843.34				931.37		248.39					4842.00	9							
Bob Lewan	981.00		626.00		998.64				895.54				868.66							4370.00	10							
Mark Howard					991.41				994.00		915.01						976.00	SWC	3876.00	11								
Rich O'Connell	999.00				924.20						942.82		846.56							3713.00	12							
Bob Moffett			856.00		852.29				826.57		874.11									3409.00	13							
Shannon Bingham									904.80		876.86						970.00	SWC	2752.00	14								
John Kappus													943.74		989.23					1933.00	15							
Phil Jones					902.91				950.39											1853.00	16							
John Padilla			717.00										985.75							1703.00	17							
Don Ingram			866.00																	866.00	18							
George Blair															800.70					801.00	19							
Bob Pederson			737.00																	737.00	20							
Bob Johnston			175.00																	175.00	21							
Ali Ghaffari																					22							
Bob Rice																					22							
Dusty Miller																					22							
Jack Zika																					22							
Tom Gressman																					22							
																					22							
<b>Sportsman</b>																												
Cody Remington	911.00	2	968.00	2	1000.00	1			1000.00	1	871.39				1000.00				5750.00	1	1	1	10	2	11	3		
Steve Suntken	258.00	3							155.29	4			1000.00		905.76					2319.00	2			1		1		
Danny Dermer	1000.00	1	819.00	3																1819.00	3			4	1	4	1	
Ryan O'Hara					900.71	2							834.88							1736.00	4			2		2		
Jim Newcomb					746.40	3			612.07	2										1358.00	5	2		3		5		
Wayne Hollenbeck			1000.00	1																1000.00	6	1		3	1	4	1	
Mike Nelson									473.50	3										474.00	7			1		1		
Chuck Stasek																					8	6	1			6	1	
Kevin Moffett																					8	14	1			14	1	
Marc Monaco																					8	4				4		
Steve Lloyd																					8							
																					8							
<b>NOVICE</b>																												
Bob Dixon	1000.00																			1000.00	1							
Tony O'Hara													1000.00								1000.00	1		1			1	
Brad Riegler																					3		2				2	
John Jaugilas																					3							
Steve Whitaker																					3							

## 2004 RMSA Contest/Event Calendar

<b>Date</b>	<b>Type</b>	<b>CD</b>	<b>Name/Notes</b>
<i>January 25</i>	<i>Open (PPSS)</i>	<i>Bob Avery</i>	<i>Fun Fly</i>
February 3	RMSA Meeting		
February 7-8			<i>SWC - Phoenix</i>
<i>February 22</i>	<i>RES (PPSS)</i>	<i>Chris Keller</i>	<i>Snow Fly</i>
March 2	RMSA Meeting		
March 7	Pro/Am	Jim Monaco	
March 14	Open*	Rich O'Connell	
<i>March 21</i>	<i>Open (PPSS)</i>	<i>John Read</i>	<i>March Madness</i>
April 6	RMSA Meeting		
April 18	Open*	Don Ingram	Spring Fling
<i>April 25</i>	<i>RES (PPSS)</i>	<i>Joel Zellmer</i>	<i>Humps and Bumps</i>
May 4	RMSA Meeting		
<i>May 8</i>	<i>Electric (PPSS)</i>	<i>Jack Dech</i>	<i>Watts O' Fun</i>
May 16	Open*	Bob Moffett	Summer Fun
<i>May 23</i>	<i>Open (PPSS)</i>	<i>Chris Keller</i>	<i>May Fly</i>
June 1	RMSA Meeting		
June 6	Open*	Tony O'Hara	
June 5-6			<i>IHLG - Torrey Pines</i>
June 19-20	F3J in the Rockies*	Mark Howard	Tentative schedule
<i>June 20</i>	<i>RE (PPSS) !</i>	<i>Dave Kurth</i>	<i>Memorial</i>
June 26	HLG**	John Kappus	
June 27	Scale Fest	Lenny Keer	Scale Fun Fly
July 6	RMSA Meeting		
July 11	Open*	Jim Monaco	Sparks Flying Open
July 18	HLG**	John Kappus	
July 24-31			<i>Soaring NATS - Muncie ID</i>
<i>July 25</i>	<i>Open (PPSS)</i>	<i>Bob Avery</i>	<i>Height O' the Season</i>
August 2-8			<a href="#"><u><i>F3J World Championships - Red Deer Canada</i></u></a>
August 3	RMSA Meeting		
August 8	Open*	Mike Verzuh	
<i>August 14</i>	<i>Open (PPSS)</i>	<i>Austin Cleis</i>	<i>Howling Coyote (night fly)</i>
<i>August 22</i>	<i>RES (PPSS)</i>	<i>Greg Tarcza</i>	<i>Dog Daze</i>
August 29	HLG**	John Kappus	
September 7	RMSA Meeting		
September 12	Open*	Bob Rice	Colorado Challenge Cup
<i>September 26</i>	<i>Open (PPSS)</i>	<i>Gus Gustafson</i>	<i>Soar Bash</i>
October 2-3			<i>Visalia Fall Fest</i>
<i>October 3</i>	<i>HLG (PPSS)</i>	<i>Bob Vixie</i>	<i>Fall Fling</i>
October 5	RMSA Meeting		
October 10	Open*	Dr. Dan Williams	
<i>October 24</i>	<i>RES (PPSS)</i>	<i>Dave Meyers</i>	<i>Witches Brew</i>
November 2	RMSA Meeting		
November 7	Open*	Dr. Dan Williams	
<i>November 21</i>	<i>Open (PPSS)</i>	<i>John Read</i>	<i>Turkey Shoot</i>
December 5	RMSA Banquet		

\*Club Open points contest (Best 6 Scores)

\*\*Club HLG points contest (Best 3 of 4 including the PPSS HLG event)

! Planes will be limited to rudder and elevator controls, but the wing span limitation has been lifted.

Italics indicates PPSS events held at their location



2004 Board Members

<b>President:</b>	<b>Dr. Danny Williams</b>	<b>(303) 903-2291</b>	<b><a href="mailto:drdandc@juno.com">drdandc@juno.com</a></b>
<b>Vice President:</b>	<b>Mark Howard</b>	<b>(303) 278-7519</b>	<b><a href="mailto:Mhoward@spaceimaging.com">Mhoward@spaceimaging.com</a></b>
<b>Secretary:</b>	<b>Bob Rice</b>	<b>(303) 745-5629</b>	<b><a href="mailto:bob.rice@tobin.com">bob.rice@tobin.com</a></b>
<b>Treasurer:</b>	<b>John Pearson</b>	<b>(303) 306-6800</b>	<b><a href="mailto:JTP1006@earthlink.net">JTP1006@earthlink.net</a></b>
<b>Past President:</b>	<b>Shannon Bingham</b>	<b>(303) 877-7557</b>	<b><a href="mailto:binghams@boulder.earthnet.net">binghams@boulder.earthnet.net</a></b>

**Member Support**

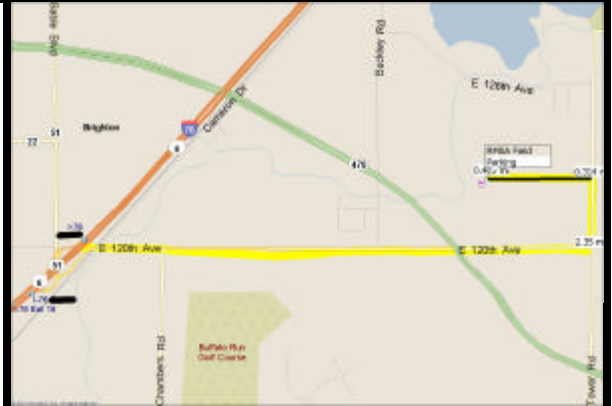
<http://www.rmsadenver.com>

Chief

Instructor:	Jack Zika	(303) 279-1549	(303) 505-9488 (Pager)
Instructor:	Mark Howard	(303) 278-7519	<a href="mailto:Mhoward@spaceimaging.com">Mhoward@spaceimaging.com</a>
F3B/F3J:	Mark Howard	(303) 278-7519	<a href="mailto:Mhoward@spaceimaging.com">Mhoward@spaceimaging.com</a>
Librarian:	Tracy Cochran	(303) 934-8838	<a href="mailto:Tcochran@idcomm.com">Tcochran@idcomm.com</a>
Newsletter:	Jim Monaco	(303) 464-9895	<a href="mailto:JimMonaco@earthlink.net">JimMonaco@earthlink.net</a>

**Winch Master**

Mike Verzuh (970) 532-0638 [mike.e.verzuh@seagate.com](mailto:mike.e.verzuh@seagate.com)



**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. Turn left (North) on Tower. Look for a left turn onto a dirt access road on the North side of the sod farm. We are on the Northwest 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*