



Thermals

Newsletter of the Rocky Mountain Soaring Association

June 2005

AMA Chartered Club 1245

Volume XXIX Number 6

President's Message

Jim Monaco

Spring has sprung and we continue to have marginal weather for our contests. The last event only got 3 rounds in, and the second day of the F3J in the Rockies event was cruddy overcast with rain falling near the end. I don't remember a contest year like this since I have been flying in Colorado. Let's hope for better weather next month.

It was brought to my attention that we left a turnaround in the field after the last contest. One of the mowers hit it and did some damage. The club

is compensating the farm for the damage. We need to be EXTRA careful about leaving anything in the field. Please exercise extreme diligence in removing all of our equipment. It won't take many accidents like this to wear out our welcome. Our field guidelines require the use of bright colored flagging on all nails, spikes and equipment. This helps in observing any things left in the field. Perhaps we need some flags to place near the turnarounds to ensure we see them when we pick up. I'd like the contest CD to do a quick inventory after each contest to ensure that all of the parts are picked up. Each winch should have a turnaround, hammer and nails. If anything is missing we need to send the pilots out to find them.

I have the plans to rebuild a new turnaround, but currently I will be leaving town on emergency family business and may not have time to rebuild the damaged turnaround before the next contest. That means we will only have 5 winches unless someone brings a personal turnaround to use.

Also for the next contest I am sure that I will not be able to attend, so someone will need to handle the scoring for the event. If you would like to fill in, but need some training I will be happy to help you learn how the scoring program works. It would be helpful for the training if you have Microsoft Excel on a computer you can use to train on. I have lent the club a laptop computer that is now kept in the trailer, so there will be equipment there to do the scoring. Call me at (303) 906-6965 if you can help out with the scoring.

Mike Verzuh, stores the trailer for us and generally brings the equipment to the contest. If he cannot bring it, I generally bring the trailer. Unfortunately Mike cannot make the June contest either, so we need a way to get the trailer to the contest. Someone either needs to be able to get to Berthoud or Boulder to meet Mike and get the

Next Meeting:

Date/Time: June 7, 2005 – 7:00 PM

Location: Broomfield Community Center, Lakeshore Room
280 Lamar St
Broomfield CO 80020 (Map in the January Newsletter)

Program:

June 26th F5J Electric Soaring Contest CD Lenny Keer

Date: Sunday, June 26th

Time: 9:00 pilots meeting, please be ready to fly shortly after.

Format: This will be a fun-fly type event. No entry fee, no awards.

Classes: Two classes will be flown. Pilots may enter one or both classes.

Sp400 Class – for stock speed 400 motors only and up to 8-cell battery.

7 cell/open Class – for any motor and cell count. (7-cell models limited to 7 cells)

Task: Man on man electric soaring event based on F3J rules. We'll fly 10 minute rounds with unlimited motor run. Duration time commences following the motor run. Landing bonus based on F3J landing tapes.

Sport Flying: I'm planning to make the field available for sport flying during the contest except for frequencies in use by the contest flyers.

CANCELLED June 4th Scalefest CD Lenny Keer

2nd Annual ScaleFest

This event had been scheduled for June 4th but had to be rescheduled due to a mishap with the towplane. It will be rescheduled for **Sunday, October 23rd** so mark your calendars. We should have at least two towplanes to use by then so it will be a great opportunity to bring those scale sailplanes out for some fall soaring.

Lenny

Contest Report, Open Contest May 7th, 2005 by Bob Moffet

We had only nine contestants show up. We flew three ten minute rounds. Bob Lewan got first place in the masters class. Mike Verzuh was second, Dr. Dan Williams third, Cody Remington fourth, and I was fifth.

The weather became a factor as well as the sprinkler system. I felt that we were most fortunate to get three rounds in. It was a close race between the rain and the sprinklers. Any way we got it done.

I would like to thank all the people that showed up especially Mike Verzuh. He not only brought the winches but scored the contest and set up the sound system. Many thanks Mike.

Regards,
Bob Moffett

Class	Name	Place by Class	RD 1	RD 2	RD 3	Raw Total	Total	Norm by Class	Norm by Contest	Place by Contest
M	Masters									
M	Bob Lewan	1	1000.00	1000.00	1000.00	3000.00	3000.00	1000.00	1000.00	1
M	Mike Verzuh	2	985.68	1000.00	1000.00	2985.68	2985.68	995.23	995.23	2
M	Dr. Danny Williams	3	1000.00	991.78	875.30	2867.08	2867.08	955.69	955.69	3
M	Cody Remington	4	818.05	909.07	989.01	2716.13	2716.13	905.38	905.38	4
M	Robert Moffett	5	973.10	736.49	998.80	2708.40	2708.40	902.80	902.80	5
M	Jon Padilla	6	992.12	873.65	831.80	2697.57	2697.57	899.19	899.19	6
M	Mark Howard	7	990.33	738.05	968.87	2697.24	2697.24	899.08	899.08	7
M	Byron Blakeslee	8	984.30	640.21	884.10	2508.60	2508.60	836.20	836.20	8
S	Sportsman									
S	Steve Suntken	1	406.44	707.08	974.74	2088.26	2088.26	1000.00	696.09	9

F3J of the Rockies by Mark Howard CD

Forgive me if this is a short report but I have many things to do in preparation for my upcoming move.

This was the fifth F3J in the Rockies. We had 19 contestants - mostly local but a few from the Chicago area (Paul, Rich, Gordy and Marc) and Rick from Arizona. For me it was a treat to be able to fly with my "old team" and it was a relaxing event (in that capacity, if not in the role of CD). Saturday dawned clear and cool and evolved into a very nice day.

Although it was very sunny, thermals were challenging - especially in the morning. The wind shifted from the west to the northeast forcing a line change in early afternoon. Even with that we got in six complete rounds finishing before 5 pm. Highlights from Saturday -- Gordy got involved in a midair - then finished the plane off on a fencepost on the way back to the field. Rich O'Connell had to land downwind with his Mantis and the resulting damage did not show up until his next launch when the plane stalled and drove itself hard to the turf. Many pilots put in stellar performances. At the end of the day the top 5 were:

Skip Miller
Mike Verzuh
John Kappus
Joseph Newcomb
Jim Monaco

The top 5 were separated by less than 15 points!

Of course being F3J in the Rockies, Sunday was an entirely different day - cool and overcast. Poor Gordy demolished his second plane before things really got underway when the tail got sliced badly on a practice tow. Despite the conditions, many pilots managed to get their times, and the rankings changed rapidly as the day progressed. After two 10 minute rounds, we decided to start the flyoffs a bit early as the weather was deteriorating. The wind had turned (as usual) and this made for low launches. The 15 minute task was extremely difficult. The pilots that persisted were well rewarded. As you can see from the results, Rich Burnoski managed to climb from 11th on Saturday into the money by the close of the contest. Skip was in his usual form all contest - winning nearly every flyoff round.

Thanks to Tony O'Hara for scoring -- Steve Suntken for setting up and helping run the event -- and Dave Brock for shagging scorecards.

Jim Monaco as always helped organize things and help things along. Bob Vixie was assistant CD and surrogate strongarm.

Prelims

Name	Place by Class	RD 1	RD 2	RD 3	RD 4	RD 5	RD 6	RD 7	RD 8	Raw Total	Rounds Flown	# Throw Outs	Total	Norm by Class
F3J														
Skip Miller	1	997.77	997.69	1000.00	1000.00	997.84	998.62	710.20	1000.00	7702.12	8	1	6991.92	1000.00
Jim Monaco	2	1000.00	855.94	991.55	995.43	992.78	1000.00	988.35	1000.00	7824.05	8	1	6968.11	996.59
Mike Verzuh	3	1000.00	879.64	1000.00	994.01	1000.00	1000.00	947.67	1000.00	7821.32	8	1	6941.68	992.81
John Kappus	4	1000.00	995.90	990.53	996.69	821.53	1000.00	1000.00	495.31	7299.95	8	1	6804.64	973.21
Lenny Keer	5	991.51	1000.00	999.08	975.67	1000.00	836.79	652.07	991.40	7446.51	8	1	6794.44	971.76
Bob Lewan	6	997.05	867.17	999.11	1000.00	998.37	966.02	299.20	919.90	7046.82	8	1	6747.62	965.06
Richard Burnowski	7	604.98	714.53	1000.00	1000.00	999.27	983.77	998.75	998.86	7300.15	8	1	6695.18	957.56
Rick Bothell	8	991.62	1000.00	1000.00	993.11	0.00	961.08	806.84	803.73	6556.39	7	1	6556.39	937.71
charles miller	9	998.00	612.35	994.19	995.47	650.46	994.79	1000.00	791.04	7036.29	8	1	6423.93	918.76
Joseph Newcomb	10	988.02	1000.00	2.89	992.82	999.38	1000.00	1000.00	372.30	6355.42	8	1	6352.53	908.55
Cody Remington	11	998.07	1000.00	599.66	994.84	1000.00	741.21	1000.00	0.00	6333.78	7	1	6333.78	905.87
John Padilla	12	718.96	592.62	869.26	1000.00	996.78	995.87	997.14	690.71	6861.33	8	1	6268.72	896.57
Tom Gressman	13	953.00	973.98	983.78	1000.00	640.51	1000.00	625.00	620.79	6797.06	8	1	6176.27	883.34
Dr. Danny Williams	14	1000.00	997.89	418.30	994.07	997.70	437.17	598.11	998.75	6441.97	8	1	6023.67	861.52
Mark Howard	15	554.89	994.33	699.01	983.69	894.05	454.10	853.39	718.86	6152.32	8	1	5698.22	814.97
Paul Sherman	16	754.25	798.67	999.54	0.00	805.09	460.43	814.18	1000.00	5632.17	7	1	5632.17	805.52
Marc Gellart	17	385.82	768.33	996.52	990.74	812.90	738.94	0.00	0.00	4693.25	6	1	4693.25	671.24
Gordy Stahl	18	865.26	0.00	0.00	392.03	1000.00	990.14	0.00	0.00	3247.42	4	1	3247.42	464.45
Richard O'Connell	19	486.10	704.33	507.04	0.00	0.00	0.00	0.00	0.00	1697.47	3	1	1697.47	242.78

Finals

Name	RD 1	RD 2	RD 3	RD 4	Raw Total	Rounds Flown	# Throw Outs	Prelim	Total	Norm by Class	Norm by Contest	Place by Contest
Skip Miller	1000.00	1000.00	752.34	1000.00	3752.34	4	1	6991.92	9991.92	1000.00	1000.00	1
Mike Verzuh	999.24	524.05	0.00	521.38	2044.68	3	1	6941.68	8986.36	899.36	899.36	2
Richard Burnowski	710.31	604.29	891.06	672.58	2878.23	4	1	6695.18	8969.12	897.64	897.64	3
Lenny Keer	698.62	462.42	941.67	374.94	2477.66	4	1	6794.44	8897.16	890.44	890.44	4
Joseph Newcomb	5.05	422.37	1000.00	410.35	1837.77	4	1	6352.53	8185.26	819.19	819.19	5
Jim Monaco	672.57	0.00	0.00	432.09	1104.66	2	1	6968.11	8072.77	807.93	807.93	6
Charles Miller	613.65	465.19	0.00	0.00	1078.85	2	1	6423.93	7502.78	750.88	750.88	7
Bob Lewan	240.17	476.62	0.00	0.00	716.80	2	1	6747.62	7464.42	747.05	747.05	8
Rick Bothel	291.07	342.84	0.00	0.00	633.91	2	1	6556.39	7190.30	719.61	719.61	9
John Kappus	0.00	0.00	0.00	0.00	0.00	0	1	6804.64		0.00	0.00	10

May Handlaunch Contest Report by John Kappus CD

The first handlaunch glider contest of the season showed a renewed interest in handlaunch. Three first time pilots showed up and I know they had a lot of fun. Bill Moxon wrote *"I knew I'd be glad when I finally came to one of these, but it exceeded my expectations anyway."*

The day started out with very challenging conditions. Although the sun was out, 50+ first round flights produced a best flight time of only 1:50 with most times well short of that. Who says that a good DLG will do 2 minutes in dead air? Not in Colorado! We took a 15 minute break after the 1st round to move to the other side of the sprinklers and the conditions improved greatly with workable lift though light at times. Later rounds produced some very quick sky outs. Joseph had two rounds combined where he only dropped 3 seconds from perfect. New competitor Nat had several round wins and another round just 14 second from perfect until he way finally sidelined in round 6 with airplane problems. He was flying a DLG of his own creation. In fact 5 flyers had airplanes built in Colorado! Jim debuted his new Blaster and it showed promise. The contest stayed tight to the end with plenty of excitement.

Come on out this month to our next contest. I've had a number of e-mails already from interested parties both new and 'old' which lead me to believe that this one will be even bigger!

	Round 1			Round 2			Round 3			Round 4			Round 5			Round 6			Round 7			Grand Total	Norm Score	Place
Name	group	norm score	group	norm score	total	group	norm score	total	group	norm score	total	group	norm score	total	group	norm score	total	group	norm score	total				
John Kappus	A	1000	B	968	1968	B	994	2962	B	1000	3962	A	1000	4962	B	1000	5962	B	1000		6962	1000	1	
Joseph Newcomb	A	973	B	1000	1973	B	1000	2973	B	781	3754	B	1000	4754	A	1000	5754	A	1000		6754	970	2	
Bob Vixie	B	1000	A	1000	2000	B	966	2966	B	747	3713	A	923	4636	B	920	5556	A	960		6516	936	3	
Bill Moxon	B	930	B	793	1723	A	955	2678	B	585	3263	A	734	3997	A	748	4745	B	876		5621	807	4	
Jim Newcomb	B	699	A	771	1470	B	863	2333	A	886	3219	B	823	4042	A	728	4770	B	840		5610	806	5	
Lenny Keer	A	772	A	642	1414	B	833	2247	A	904	3151	A	856	4007	B	668	4675	A	673		5348	768	6	
Nat Leadbetter	B	800	A	793	1593	A	1000	2593	A	1000	3593	B	980	4573	A	0	4573	A	602		5175	743	7	
Andrew Wright	B	872	A	661	1533	A	934	2467	A	477	2944	B	410	3354	B	634	3988	A	484		4472	642	8	
John Lovins	A	796	B	623	1419	A	979	2398	B	265	2663	A	293	2956	A	619	3575	B	776		4351	625	9	

Western Colorado Slope Challenge by Hal Remington

The Montrose Model Aircraft Association sponsored the first annual Western Colorado Slope Challenge, an AMA sanctioned event, held on Sat/Sun May 14 - 15, 2005. Scheduled events "were" to include wing combat, warbird/scale combat, wing racing, 60 inch warbird/scale racing, 48 inch warbird/scale racing, open flying as well as other fun events unfortunately the wind gods didn't cooperate as well as they could have. On Saturday the WCSC took place on the FlatTop (with 500 feet of near vertical slope) just outside of Montrose along with a second location on Sunday at a hang glider launch area of Smith Mountain just outside of Delta (with about 800 feet of near vertical slope.) Nearly 25 pilots participated with a very strong showing from the Front Range including Cody and Hal Remington.

Only three rounds of wing combat were officially flown and that was on the first day. The name of the game is to get the highest number of points to win.... one point for each kill and one point for not hitting the ground before the 10 minute window. Without much wind and light thermals both were real challenges. Hal and Cody each earned a point, which put them in a tie for second place, along with about 4 other people. The winner, Ian Frechette from Lakewood, earned 4 points.

On Sunday the winds were so light, other than the passing of a massive thermal, that no events were flown. At the end of the day a fun "spot landing" contest was held where the objective was to land the closest to a card table at the bottom of the slope, about 800 feet below!!! The only thing that was hit was an ATV that was parked a few yards away from the table. Even with the unusual wind conditions it was a fun event and something you should keep an eye open for next year if you are a sloper.



Cody Remington Calling for his Dad.

2005 Open Contest Standings

	Mar	Apr	May	Nat. Lvl.	Name	Best 6	Place
Masters							
Mike Verzuh	944.37	947.58	995.23	976.74	SWC	3863.92	1
Dr. Dan Williams	795.09	958.72	955.69	984.49	SWC	3693.99	2
Skip Miller	1000.00	965.73		989.01	SWC	2954.74	3
Bob Lewan	938.02	1000.00	1000.00			2938.02	4
Jim Monaco	999.68	925.88		987.08	SWC	2912.64	5
Cody Remington		852.51	905.38	917.29	SWC	2675.18	6
Joseph Newcomb		990.08		992.89	SWC	1982.97	7
Lenny Keer	861.55	995.51				1857.06	8
Byron Blakeslee		986.48	836.20			1822.68	9
Jon Padilla		881.74	899.19			1780.93	10
Bob Moffett	769.27		902.80			1672.07	11
Jim Barr	692.80	696.14				1388.94	12
Dusty Miller				990.50	SWC	990.50	13
Don Ingram		945.42				945.42	14
Charles Miller		941.05				941.05	15
Don Ingram	934.98					934.98	16
Tom Gressman		914.01				914.01	17
Bob Avery				912.44	SWC	912.44	18
Mark Howard			899.08			899.08	19
Bob Vixie				869.79	SWC	869.79	20
Sportsman							
Steve Sunken	1000.00	1000.00	1000.00			3000.00	1
Jim Newcomb		872.46		668.50	SWC	1540.96	2
Chris Miller		371.71				371.71	3

FIRST ANNUAL ROCKY MOUNTAIN ELECTRIC FUN FLY!

ARVADA ASSOCIATED AIRPARK Saturday, July 30th, 9 am to 4 pm

More info next month or contact;

<http://www.rmeflyers.org/funfly2005.htm>

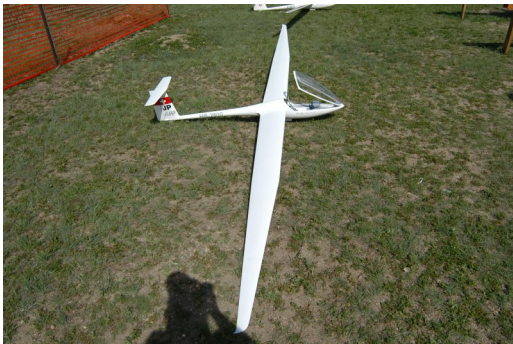
or; rmefrbe@aol.com 720 220 3384

For Sale

DG 600 , Scale 1/3.75 Ready to Fly just install RX, , All Glass, Interlocking Joiner system just like full size, Excellent Condition, 4.0-4.8 Meter Wingspan, 2 sets of wingtip extensions. Controls: Rudder, Elevator, Spoilers, Flaps, Ailerons, Aero Tow Release, Gear Retract.

The details of this ship are on ICARE website. Have \$1750 invested will sacrifice for \$1250. Great for acrobatics and thermaling.

Jon Padilla (303) 932-2504 home



For Sale: **F3J Tow Rig**

- (2) F3X F3J pulleys with 2 man rope tow harnesses
- (1) F3X Line winder with (4) spools
- (2) FAI Legal stakes with secondary safety stakes and additional misc hardware (steel rings, carabineer, etc)
- (6) FAI Legal Chutes

All of the above with gear bag for \$200.00

Rich O'Connell

e-mail rpoc@earthlink.net

day phone 719-473-7760 home phone 719-592-9438

2005 RMSA Contest/Event Calendar

Date	Type	CD	Name/Notes
<i>January 22</i>	<i>Open (PPSS)</i>	<i>Joel Zellmer</i>	<i>Fun Fly</i>
February 1	RMSA Meeting		
February 5-6			<i>SWC - Phoenix</i>
<i>February 19</i>	<i>RES (PPSS)</i>	<i>Greg Tarcza</i>	<i>Snow Fly</i>
March 1	RMSA Meeting		
March 6	Pro/Am	Jim Monaco	
March 13	Open*	Jon Padilla	F3J with Winches
<i>March 20</i>	<i>Open (PPSS)</i>	<i>Mike Fritz</i>	<i>March Madness</i>
April 2	RES	Dr. Dan Williams	
April 5	RMSA Meeting		
April 10	Open*	Don Ingram	
April 17	F5J	Lenny Keer	Electric Event
<i>April 24</i>	<i>RES (PPSS)</i>	<i>Chris Keller</i>	<i>Humps and Bumps</i>
May 3	RMSA Meeting		
May 7	Open*	Bob Moffett	SATURDAY Event
May 21	HLG**	John Kappus	
<i>May 21</i>	<i>Open (PPSS)</i>	<i>Austin Cleis</i>	<i>May Fly</i>
May 28-29	F3J in the Rockies*	Mark Howard	
June 4-5			IHLG - California Event
June 4	Scale Fest	Lenny Keer	CANCELLED rescheduled to Oct 23
<i>June 4</i>	<i>Electric</i>	<i>John Read</i>	<i>Watts O' Fun</i>
June 7	RMSA Meeting		
June 12	Open*	Rich O'Connell	
<i>June 25</i>	<i>RE (PPSS) !</i>	<i>Dave Kurth</i>	<i>Memorial</i>
June 25	HLG**	John Kappus	
June 26	F5J	Lenny Keer	
July 5	RMSA Meeting		
July 10	Open*	Bob Vixie	
July 17	HLG**	John Kappus	Rescheduled from August 14
July 22-29			<i>Soaring NATS - Muncie ID</i>
<i>July 24</i>	<i>Open (PPSS)</i>	<i>Bob Avery</i>	<i>Height O' the Season</i>
July 30	RES	Dr. Dan Williams	
August 2	RMSA Meeting		
<i>August 6</i>	<i>Open (PPSS)</i>	<i>Greg Tarcza</i>	<i>Howling Coyote (night fly)</i>
August 7	Open*	Jim Monaco	
August 14	HLG**	John Kappus	Cancelled due to USA F3J Team Selections
August 19-21	US F3J Team Selections	Byron Blakeslee	Approved
<i>August 21</i>	<i>RES (PPSS)</i>	<i>Austin Cleis</i>	<i>Dog Daze</i>
September 6	RMSA Meeting		
September 11	Open*	Bob Rice	Colorado Challenge Cup
September 17	HLG**	John Kappus	
September 18	Scienturfic Appreciation Day		Also Family Day
<i>September 24</i>	<i>Open (PPSS)</i>	<i>Chris Keller</i>	<i>Soar Bash</i>
September 25	RES	Dr. Dan Williams	
<i>October 1</i>	<i>HLG (PPSS)</i>	<i>Gus Gustafson</i>	<i>Fall Fling</i>
October 1-2			<i>Visalia Fall Fest</i>
October 4	RMSA Meeting		
October 9	Open*	Mike Verzuh	
<i>October 22</i>	<i>RES (PPSS)</i>	<i>Dave Meyers</i>	<i>Witches Brew</i>
October 23	Scale Fest	Lenny Keer	
October 29	RES	Dr. Dan Williams	
November 1	RMSA Meeting		
November 6	Open*	Tony O'Hara	
<i>November 20</i>	<i>Open (PPSS)</i>	<i>John Read</i>	<i>Turkey Shoot</i>
December 3	Barn Fly	John Read	PPSS Members Only
December 11	RMSA Banquet		

Italics indicates PPSS events held at their location

*Club Open points contest (Best 6 Scores)

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



2005 Board Members

President:	Jim Monaco	(303) 464-9895	JimMonaco@earthlink.net
Vice President:	Mike Verzuh	(970) 532-0638	mailto:mike@verzuh.com
Secretary:	Bob Rice	(303) 745-5629	mailto:brice@p2es.com
Treasurer:	John Pearson	(303) 306-6800	mailto:JTP1006@earthlink.net
Past President:	Dr. Danny Williams	(303) 903-2291	drdandc@juno.com

Member Support

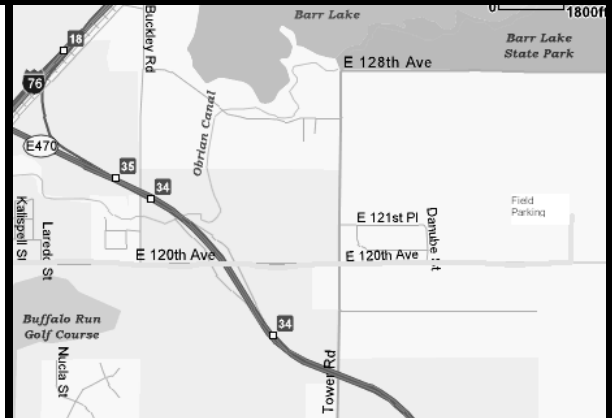
<http://www.rmsadenver.com>

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:	John Kappus	(303) 861-7121	john.kappus@alum.mit.edu

Winch Master

Mike Verzuh (970) 532-0638 <mailto:mike@verzuh.com>



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
1123 S. Oakland St
Aurora CO 80012

First Class Mail

Forwarding Address Requested