



# Thermals

Newsletter of the Rocky Mountain Soaring Association

June 2003

AMA Chartered Club 1245

Volume XXVII Number 6

## President's Message

The First Spring Soaring Festival is now in the history books and it will go down in the books as an interesting weekend. We had a good turn out with people coming from out of state and all said that they would tell others and bring others next year back to the next SSF.

The weekend started out on Friday clear and warm with great lift but like the South West Classic of two years ago Saturday started out overcast and cold with drizzles and wind, but there was still enough lift to find six minutes air for the most part. Later in the day as the clouds cleared the lift got great but tricky. Sunday was a repeat with only fog for the morning, clearing within a few hours the only problem was that towards the end of the day the landing task got a bit tricky with a down hill, down wind condition that make it interesting to say the least.

Our members came kicked in and did a great job putting on our first SSF and I want to put a great big THANK YOU to all of them and to all the people that donated to our raffle because of these donations to the raffle we did come out in the black for this event even though we did have a some what small turn out for this first event, so once again thank you to all who helped to make this a great weekend. I would list all that helped, but I know me I would forget someone and I do not want to slight anyone as everyone did a great job.... We also learned a lot this weekend and that will help us with the next big one coming - F3J in the Rockies... SO I will start now asking for your help on that one now, although I know that some really broke their backs to make the SSF a success will be moaning right now but I have to start asking for those that can to step up as most that put on SSF will be also flying in the F3J event so we do need some help from our non competing members. Not to say that al ot did not step up and help, as many did, I just have to ask again... So here we go again... Lets start focusing on our next event to make it a good one. In thinking about events I would like to know who is going to the NATS as the dead line for signing up is coming very fast. I for one will be going so I will start the list, so let me know if you are going.

We have polos and T's from the SSF that are still for sale so contact me if you want one.

Have a great month and I will see you at the field.

**Dr. Dan**

### Next Meeting:

**Date/Time:** June 3, 2003 – 7:00 PM

**Location:** Broomfield Advanced Chiropractic  
26 Garden Ctr  
Broomfield CO 80020-7012

**Program:** None Planned

## May F5J Contest – Lenny Keer, CD

**Date:** Saturday, May 31<sup>st</sup>

**Time:** 8:30 registration, 9:00 pilots meeting

**Type:** Electric thermal soaring

**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)

**Motor runs:** Sp400 class will have 60-second motor run time.

7 cell models will have 40-second motor run time.

Open class models will have 20-second motor run time.

**Task:** The task is to climb to altitude in the allotted motor run time, and remain aloft for a total of 10 minutes. Each flight group will be scored together, man on man.

**Landing:** FAI landing tapes will be used, 5 points per meter.

**Sport Flying:** Since this will be run as a “fun-fly”, the field will remain open for sport flying on un-used frequencies. Please check frequency before turning on.

# June 1st Open Contest CD Bob Moffett

**Entry Fee:** \$5.00 (\$3.00 Jrs)  
**Registration:** 8:30 AM  
**Pilot's Meeting:** 9:15 AM  
**First Flight:** 9:30 AM

**Winchmasters: Please be at the field by 8:30AM.**

**Tasks:** At least 5 rounds of F3Jish flights – with a 15 minute flyoff for bragging rights

**Landing:** FAI Spot Landing with FAI tapes.

Note this event will follow F3J Rules except club winches will be used for launching instead of hand tow and landing must be within 100 CD steps of the spot- SKEGS ARE NOT ALLOWED! The F3J rules follow:

- 1) The flight in progress is annulled and recorded as a zero score if the model loses any part during the launch or the flight, except when this occurs as the result of a mid-air collision with another model or towline.
  - a) The loss of any part of the model during the landing (coming into contact with the ground) is not taken into account.
- 2) The flight is cancelled and recorded as a zero if the model is piloted by anyone other than the competitor.
- 3) The flight is cancelled and recorded as a zero score if, during landing, some part of the model does not come to rest within 75 metres of the centre of the competitor's designated landing circle.
- 4) The competitor will be allowed two attempts at each official flight.
  - a) There is an official attempt at a flight when the model has left the hands of the competitor or those of a helper under the pull of the tow line.
  - b) The official flight for a round is the last flight performed during the working time.
- 5) The competitor is entitled to a new working time in an incomplete group, or with his original group at the end of the task if:
  - a) his model in flight collides with another model in flight, or with a model in the process of being launched.
  - b) his flight was hindered or aborted by an unexpected event, not within his control.
  - c) In the case of additional attempts during a round for the reason of reflights, the better of the two results will be the official score, except for the pilots who are allocated the new attempt. For those, the result of the repetition flight is the official flight. Note that in the case the competitor continues to launch or does relaunch after clearing of the hindering condition(s), he is deemed to have waived his right to a new working time.
- 6) Any model launched prior to the start of a group's working time must be landed as soon as possible and re-launched within the working time. Failure to comply will result in cancellation of the competitor's score for that round.
- 7) The flight will be timed from moment of release from the launching device to either:
  - a) the moment the model first touches the ground; or
  - b) the moment the model first touches any object in contact with the ground. Parts of launching devices (tow-lines) extending away from the ground shall not be interpreted as objects in contact with the ground; or
  - c) completion of the group's working time.
- 8) The flight score will be composed of one (1) point for each full second of flight time.
- 9) A penalty of thirty (30) points will be deducted from the flight score for overflying the end of the group's working time for up to a maximum of one (1) minute.
- 10) A zero score will be recorded for overflying the end of the group's working time by more than one (1) minute.
- 11) A landing bonus will be awarded in accordance with distance from the landing spot marked by the organisers according to the following:
  - a) Landing within 1 meter = 100 Landing within 20 meters =30. 5 points per meter in between. Greater than 20 meters = 0.
  - b) The distance for landing bonus is measured from the model nose at rest to landing spot allocated to the competitor by the organisers.
  - c) No landing bonus points will be awarded if the model overflies the end of the group's working time.
- 12) The competitor who achieves the highest aggregate of points comprising of flight points plus landing bonus points and/or minus penalty points, will be the group winner and will be awarded a corrected score of one thousand points for that group.  
The remaining competitors in the group will be awarded a corrected score based on their percentage of the group winner's total score before correction (i.e. normalised for that group) calculated from their own total score as follows: Competitor score / High Score \* 1000

## Colorado F5B Contest – Lenny Keer, CD

**Date:** June 7<sup>th</sup> and 8<sup>th</sup> 2003

**Time:** 8:00 registration and pilots meeting

**Event:** F5B is the international class for electric sailplanes. It is a multi-task event consisting of distance, duration, and landing tasks. This will be a 2-day national level event with entries from at least 5 states.

**Classes:** We will fly 7-cell, 10-cell, and FAI classes. In addition, anybody with a “hotliner” type plane is invited to participate. Spectators are welcome too, so if you’d like to see what the high performance end of electric soaring looks like, this would be an excellent opportunity.

**Sport flying:** There will be no sport flying during the competition. The field will be open for sport flying after 3:00 on Saturday, and after 1:00 on Sunday. Frequency control will be in effect, so please check with me before flying.

## June 22nd Handlaunch Contest – John Kappus CD

**Date:** Sunday June 22nd, 2003

**Time:** 9:00 – 9:15 registration, 9:15 pilots meeting, 9:30 First flight

**Type:** Handlaunch

**Tasks:** We will be flying the same tasks as day two of the 10th annual IHLGF. We will hopefully fly a minimum of 6 rounds, so everyone will get plenty of air time. Come on out and have a fun time.

## F3J in the Rockies – June 28-29, 2003

**DATES:** Saturday June 28, 2003, and Sunday June 29, 2003

**TASKS and LANDINGS:** Full Rules F3J Competition on FAI landing tapes

**SITE:** RMSA Sod Farm – Denver, Colorado

**A.M.A.:** 2003 AMA cards will be required at registration. All 2003 FAI rules apply.

**ENTRY FEE:** \$20 (non-refundable)

**AWARDS:** Plaques 1<sup>st</sup> thru 5<sup>th</sup> plus an Airtronics Stylus radio for first place and an Airtronics Radiant radio for second place! The radios were graciously donated by Airtronics.

**C.D.:** Mark Howard e-mail [mhoward@spaceimaging.com](mailto:mhoward@spaceimaging.com)

Note that team protection will be accorded for teams up to 4 members. That means that a single team can fly and tow for each other without outside help. For the flyoffs there is no protection!

Signup at <http://www.jmccconsulting.com/rmsa/F3JRockiesEntry.asp> and pay online via PayPal or print the application below and mail to Mark Howard.

Make all checks payable to: **RMSA**  
Mail to:  
Mark Howard  
19015 W 62nd Ave  
Golden, Co. 80403

# F3J in the Rockies Entry Form

**First Name:** \_\_\_\_\_

**Last Name:** \_\_\_\_\_

**Street:** \_\_\_\_\_

**City:** \_\_\_\_\_

**State:** \_\_\_\_\_

**Zip:** \_\_\_\_\_

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

**E-Mail ID:** \_\_\_\_\_

**AMA #:** \_\_\_\_\_

**Frequency 1:** \_\_\_\_\_

**Frequency 2:** \_\_\_\_\_

**Frequency 3:** \_\_\_\_\_

**Other Team Members:**

**1:** \_\_\_\_\_

**2:** \_\_\_\_\_

**3:** \_\_\_\_\_

**Total Cost:** \$20.00

Make all checks payable to:  
RMSA

Mail to:  
Mark Howard  
19015 W 62nd Ave  
Golden, Co. 80403

## RMSA May Contest Report - CD Don Ingram

The modified F3J contest started cool and cloudy with a brisk wind out of the SW at 8-12 MPH. Twenty-two pilots turned out for the event which had a late start time while we waited for the mowers to finish cutting the grass in the section that we needed to fly in. Bob Johnston was the CO-CD, thanks Bob for all your help. A special thanks to Jim Monaco for his assistance. With Jim's new and improved timing CD, the rounds went very smoothly.

About noon, the wind switched to the NW fairly consistently. The winch lines were moved which resulted in some towering launches and some interesting landings!! Four rounds were flown lasting about an hour and a half each. Due to time constraints, a vote was held to determine whether to fly a fifth round. The vote was even, so another vote was taken-also even. Then it was discovered that the CD hadn't

voted! My deciding vote halted the contest at four rounds. It was 3:45 PM. Had we finished another round it would have ended at 5:30 PM with the 15 Min flyoff still to come.

The contest was won by Tom Gressman who flew consistently and well. The fly-off round was won by Dr Dan. See contest results below.

ID	Class	Name	Place	RD 1	RD 2	RD 3	RD 4	Total	Norm	Norm hv	Place hv	
	M	<b>Masters</b>										
9	M	Tom Gressman	1	1000	990	957	984	3931	1000	1000	1	
23	M	Don Ingram	2	983	971	969	1000	3922	998	998	2	
7	M	Mark Howard	3	895	999	1000	987	3880	987	987	3	
21	M	Dan Williams	4	946	1000	994	932	3872	985	985	4	
6	M	Skip Miller	5	1000	1000	782	1000	3782	962	962	5	
4	M	Mike Verzuh	6	964	999	1000	817	3780	961	961	6	
1	M	Rich O'Connell	7	1000	710	1000	1000	3710	944	944	7	
17	M	Joseph Newcomb	8	1000	691	1000	1000	3691	939	939	8	
2	M	Jon Padilla	9	822	902	1000	804	3528	897	897	9	
3	M	Jim Monaco	10	683	964	850	980	3476	884	884	10	
14	M	Charlie Miller	11	984	1000	454	1000	3438	874	874	11	
22	M	Bob Lewan	12	662	1000	735	996	3393	863	863	13	
8	M	Byron Blakeslee	13	678	984	743	978	3383	860	860	14	
15	M	Lenny Keer	14	805	1000	603	663	3072	781	781	15	
11	M	Bob Johnston	15	571	997	452	986	3005	764	764	16	
12	M	Bob Moffett	16	768	602	333	864	2567	653	653	17	
5	M	Bob Pederson	17	396	505	192	985	2078	529	529	19	
16	M	Shannon Bingham	18	967	997			1964	499	499	20	
10	M	Jack Zika	19	233	451	152		835	212	212	22	
	S	<b>Sportsman</b>										
18	S	Jim Newcomb	1	962	724	743	977	3406	1000	866	12	
20	S	Jochen Luetke	2	581	974		993	2548	748	648	18	
	N	<b>Novice</b>										
13	N	Steve Suntken	1	355	41	772	481	1649	1000	419	21	
19	N	Art Ries	2	199				199	121	51	23	

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

Sunday marked our first HLG contest of the season. The weather report called for blustery conditions, but those held off until after the contest was over. We were rewarded with excellent 'contest' conditions with sporadic thermals and occasional breezes. There were no 'gimme' rounds.

Seven fliers flew 6 rounds of tasks copied from day one of this year's IHLGF. Everyone but newcomer Zack Maytum threw discus style. Zach enjoyed himself and didn't want to quit at the end of the day! Joseph led the contest early, but dropped back to finish a solid third flying his Encore. This contest was Joseph's first one discus launching for himself. His launches were a little lower than having his dad throw, but not by much! Bob Vixie piloted his own design DLG with Mark Drela airfoils AG04-AG08. His second place was an accomplishment as this was Bob's first time flying real hand launch tasks requiring quick turnarounds. Bob catches on quick as I more than once saw him grab the plane by the wingtip peg for a very quick throw. I won the contest flying a new design for this year utilizing a stiff fuselage and AG12-AG14 airfoils.

Please come out and join the fun at our next HLG contest. A good time with plenty of flying is guaranteed!

Name	Round 1		Round 2		Round 3		Round 4		Round 5		Round 6		Grand Total	Norm Score	Place
	group	norm score	group	norm score	group	norm score	group	norm score	group	norm score	group	norm score			
John Kappus	B	1000	A	954	B	1000	A	1000	B	1000	A	1000	5954	1000	1
Bob Vixie	B	933	B	883	A	1000	B	987	A	1000	A	626	5429	912	2
Joseph Newcomb	A	1000	A	1000	B	816	B	1000	A	528	B	911	5255	883	3
Jim Newcomb	B	839	B	1000	A	890	B	499	A	875	B	1000	5103	857	4
Jack Zika	A	994	A	597	A	909	B	546	A	899	B	736	4681	786	5
Greg Dubbe	B	659	A	510	B	631	A	585	B	342	B	802	3529	593	6
Zach Maytum	A	525	B	485	A	735	A	181	B	326	A	313	2565	431	7

# Spring Soaring Festival Report – CD Mark Howard

## Jim Monaco Reporting

The Spring Soaring Festival went very well! Mark Howard was pretty busy – so I will relate the happenings of the contest. On Friday all of the coordinators assembled at the field and started the setup for the contest. Mark Howard was already there with his camper, Tony O'Hara did a trial setup of the landing area, while Bob Pederson stripped and reloaded the winches with new line. Mike Verzuh prepared the food concession area and delivered the equipment and the tables from the Arvada club for use during the contest using his horse trailer. Bob Rice set up the impound area, and I prepared the scoring area. Doc arrived later with the shirts and awards. All of the hard work from all of the volunteers paid off and everything went very smoothly and we were ready to rock for Saturday morning.

As I left Broomfield, it was a typical sunny Colorado morning, but as I crossed I25, the clouds appeared and were quite low. Upon arrival at the field the sky was a complete low overcast and even sputtering a little rain. No matter – those busy bee volunteers got busy setting up the winches and retrievers and the landing areas. It was not long before the concessions were up and running and breakfast was served. Hot coffee and some nice breakfast burritos really hit the spot in the cold. Once everything was set up and folks were registered, Mark had to make the call – was the ceiling high enough to fly??? We had Charlie Miller do a couple of test launches with his Escape, and he didn't launch into the clouds – but it was close. The CD says "Let's Fly" so off we go. Pete Petroski from out of town was selected as the first flyer to launch, and Airtronics compensated for that dubious honor by presenting him with 2 servos and a speed controller – very nice of them! Mark decided that anything less than 6 minutes was a gimme – so he said make 6 minutes boys! It was a real challenge to stay below the clouds and still stay in what lift there was, but surprisingly more folks made it than did not! Mark kept increased the time for round 2 to 8 minutes, then all the rest were 10 minute flights.

The weather continued to improve throughout the day, and the wind cooperated and stayed out of the northwest making for great launch and landing conditions. There was big lift and big sink around – typical Colorado stuff. It's always great to get a good flight and I had a very memorable one. I launched and flew out into crap air and was racing around to get away and losing the battle. I hit a tiny bubble over a barn to the southeast of the field and my callers, Mike Verzuh and Don Ingram told me it was the only game in town, so at about handlaunch height downwind, I started cranking. I stayed at the same altitude for what seemed like forever, but was probably about 4 minutes – then it kicked and took me away. It was pretty funny because all three of us were using body English to keep that plane grooving. Don said he needed to rest after the flight... Dr. Dan's girlfriends's son Jordan ran the impound and did a great job keeping things moving, making all the announcements, and handling the raffle tickets... We need him back for our other big events!

Mike Verzuh's concessions were great. Lunchtime was a treat with awesome 1/2lb burgers and luscious brats. He also had all the fixings and sundries, like chips, salad and candy bars for dessert. His boys did a great job serving up the food.

The guys at the top at the end of day 1 were able to get their times and not take any big hits. Skip Miller was leading the Open class pack at the end of the day, but Blake Nielson from Utah was right behind him – actually only 4 points behind. Bob Vixie from Colorado Springs continued to show his mastery of the RES class and led all contestants. We ended the day with 6 rounds in the bag – and everyone had a bunch of flying – especially the guys that flew both classes. Many people helped tear down, including the boys running the concession stand. We were looking forward to a better start on Sunday.

Sunday – right – a carbon copy of Saturday – where did that come from – what happened to those 300 sunny days a year? Again questions of the ceiling arose, and this time Lenny Keer put his electric hotliner up to test the height. The CD said close enough – and there we were – six minutes and déjà vu all over again! The morning was about the same as Saturday, but the ceiling lifted sooner and the lift and sink started to cycle through again. Four rounds at 6-8-10-10 would tell the tale of the contest. Through rounds 7-9 Skip clung to the lead with Blake right there only a couple of points behind. It was all going to come down to the last round. By then the wind had shifted around making the launch and landings downwind – not a good thing anywhere and even worse in the thin Colorado air. Where earlier most folks were making good landings on the runway landing task, the last 2 rounds were brutal. Less than 50% got any points and several lost their flight points when they careened into or over the safety fence. The RES guys were really hurting, but Bob Vixie continued to put up good flight scores and despite a couple of missed landings managed to continue to pull away from the pack.

In the last round Skip flew first and put up a 9:57 with a 100 landing for the 10 minute task – a good score at any time and a great score for the conditions. This put the pressure on Blake – he needed a near perfect score to topple Skip. Blake launched and headed out towards some guys in lift and ran into the sink that accompanies lift. The sink dragon got another victim, and he made it back to the field with only a 2:20 flight a mistake that dragged him from 1<sup>st</sup> or 2<sup>nd</sup> to 8<sup>th</sup> place. Blake put on a great contest and really pressured Skip to the bloody end! No gimme's on this day.

In the end Skip captured the Open class crown for the first annual Spring Soaring Festival and Bob Vixie showed us all how to fly the RES class by winning the RES class handily. At the end of the contest Mike Verzuh had an emergency when his newborn colt became very ill and needed to be transported to the vet clinic at CSU immediately. Everyone pitched in and quickly loaded his horse trailer up with all the club equipment so he could leave, and Bob Pederson accompanied him home to help unload all the stuff into Mike's garage so they could then use the trailer to take mama and baby to the vet. Shortly after he left we discovered that the trophies were also still in the trailer – DOH! So I immediately took off to catch him and started calling him on the cell phone. When I reached him, he stopped – got the trophies out – and gave them to Bob who was following him then continued on home. Bob then waited on the toll road for me to arrive and pickup the trophies then continued on to help Mike while I returned to the contest where the raffle drawings were in progress. Whew...

We had a terrific raffle thanks to the contributions of the many donors both corporate and private. The highlight of the raffle was a Stylus radio that was won by Dr. Dan Williams.

All in all the contest went very smoothly. The equipment worked OK, but better retrievers would help. Even though we did not have dedicated retriever operators and the contestants generally ran the equipment themselves, we kept things moving and got a lot of flying in. I'd like to thank all the volunteers that made this event successful. I hate to name names, because I'm sure I'll forget someone, but here goes and forgive me if I miss anyone. THANKS TO: Tony O'Hara who created and set up the landing zones, and did landing judge duties for both days. Tracy Cochran who arranged for the potty facilities and also did landing judge duties for 2 days. Bob Pederson who managed the equipment and the flight line both days, untangling lines and dealing with the equipment issues. Mike Verzuh, along with his son Keenan and his friends who ran a great concessions area. Bob Rice for getting the winch line and setting up the impound area. Dr. Dan for getting the shirts and awards. Jordan for running the impound area both days. And as usual I did the scoring both days. Also thanks to all the members that pitched in to do whatever was needed to keep things going... GREAT JOB RMSA!!!

Complete results are listed below.

Class	Name	Place by Class	RD 1	RD 2	RD 3	RD 4	RD 5	RD 6	RD 7	RD 8	RD 9	RD 10	Total	Norm by Class	Norm by Contest	Place by Contest	Plane
<b>O</b>	<b>Open</b>																
O	Skip Miller	1	452	458	579	696	694	695	456	575	692	697	5994	1000.00	1000.00	1	Escape
O	Jon Padilla	2	452	459	578	697	534	691	444	568	699	677	5799	967.47	967.47	2	
O	Charles Miller	3	441	455	576	651	698	693	405	573	683	623	5798	967.30	967.30	3	Escape
O	Michael Fritz	4	449	455	535	641	679	679	442	552	674	661	5767	962.13	962.13	4	
O	Lenny Keer	5	429	459	579	695	477	686	457	575	695	674	5726	955.29	955.29	6	Escape
O	Dr. Dan Williams	6	452	439	568	384	685	698	440	571	597	680	5514	919.92	919.92	7	Icon
O	Mark Howard	7	448	450	575	358	698	696	434	564	596	666	5485	915.08	915.08	8	Icon
O	Blake Nielson	8	431	456	579	699	698	700	457	576	698	140	5434	906.57	906.57	9	Escape
O	Don Ingram	9	344	355	460	596	689	689	441	476	648	616	5314	886.55	886.55	10	Tsunami
O	Jim Monaco	10	344	456	573	600	405	696	451	578	599	598	5300	884.22	884.22	11	Tsunami
O	Robert Lewan	11	457	438	577	686	694	699	453	272	599	228	5103	851.35	851.35	14	Escape
O	John Kappus	12	457	449	316	695	690	488	426	568	677	214	4980	830.83	830.83	15	Own Design
O	Rich O'Connell	13	428	440	571	378	643	690	438	438	687	196	4909	818.99	818.99	16	Sharon
O	Randy McCleave	14	422	395	343	294	667	638	432	477	663	543	4874	813.15	813.15	17	
O	Mike Kresser	15	457	153	479	662	600	698	386	565	690		4690	782.45	782.45	18	
O	Mike Verzuh	16	317	440	296	409	694	600	443	256	599	590	4644	774.77	774.77	19	Pike Superior
O	Pete Petrowske	17	289	449	340	688	393	695	315	569	694		4432	739.41	739.41	21	
O	Jochen Luetke	18	352	358	568	578	665	677	352	267	265	202	4284	714.71	714.71	22	Escape
O	George Blair	19	397	455	297	132	628	588	386	444	275	599	4201	700.87	700.87	23	
O	Bob Avery	20	459	447	243	212	693		436	318	695	598	4101	684.18	684.18	24	
O	Spencer Nielson	21	322	450	571	503	386	66	450	526	385	190	3849	642.14	642.14	25	
O	Bob Pederson	22	239		465	132		640	337	473	93		2379	396.90	396.90	28	Eagle
O	Ryan O'Hara	23	129	395	273	577	601						1975	329.50	329.50	29	Emerald
O	Joseph Newcomb	24	456	410	578		516						1960	326.99	326.99	30	Escape
<b>R</b>	<b>RES</b>																
R	Bob Vixie	1	458	450	566	692	697	668	446	570	600	596	5743	1000.00	958.12	5	Majestic
R	Michael Fritz	2	453	401	469	254	670	594	431	543	686	671	5172	900.57	862.86	12	
R	Mark Howard	3	408	356	546	316	654	674	360	540	596	694	5144	895.70	858.19	13	Victory RES
R	Randy McCleave	4	330	365	470	290	692	340	355	470	574	600	4486	781.12	748.42	20	
R	Chris Keller	5	427	442	153	595	339	41	259	457	686	75	3474	604.91	579.58	26	
R	Joel Zellmer	6	354	389	276	144	139	222	156	485	384	148	2697	469.62	449.95	27	
R	Dr. Dan Williams	7	196	452	425	612							1685	293.40	281.11	31	

## Treasurer's Report (as of 5/27/03) – John Pearson

SAVINGS:       \$674.14  
CHECKING: \$1879.08  
CASH:            \$101.39  
BALANCE:       \$2654.61



## E-Soaring

### 2003 E-Soaring events

Well, summer is finally here and there are a number of electric soaring events coming up. I thought I'd use this space to mention a few that may be of interest. Also, I've got a quick follow-up note on the KAN 950 cells below.

#### **RMSA F5J fun fly – Saturday, May 31st**

An informal electric soaring event. See announcement elsewhere in this newsletter!

#### **Colorado F5B contest – Saturday and Sunday, June 7th and 8th**

This will be one of the largest F5B events held in the US. We're expecting F5B pilots and F5B wanna-be's from several states to attend. See announcement elsewhere in this newsletter!

<http://www.rcgroups.com/forums/showthread.php?s=&threadid=83919>

#### **Albuquerque F5J contest – June 21st and 22nd**

Should be some good competition showing up there. They fly the same classes and rules as we do. [http://www.soarabq.org/f5j\\_flyer.pdf](http://www.soarabq.org/f5j_flyer.pdf)

#### **Teke fun fly (Silverthorn, CO) – July 19th and 20th**

This is a very enjoyable event for both sailplanes and electrics. The site is a manicured grass runway on a private estate located in a beautiful mountain valley. A gourmet lunch is provided that's second to none! Several RMSA members usually show up and have a great time. You can contact Ron Teke for more information at [teamteke@cs.com](mailto:teamteke@cs.com).

#### **F5J in the Rockies – July 26th and 27th**

This will be our 2-day F5J contest. We will be flying all 3 classes (SP400, 7-cell, and Unlimited) separately, so you can enter as many classes as you'd like. Entry will be limited to 20 pilots in each class, and no more than 2 entries on each frequency in each class. Entry form is now posted at <http://www.jmccconsulting.com/rmsa/f5j2003.htm> or you can find a link on the RMSA home page.

#### **KAN 950 cells**

I've been using the KAN 950's for a while now and I'm impressed with them. They do outperform the 600AE, 500A, and 500AR cells. I'd recommend them for SP400 and small brushless applications, up to about 20 amps. I've been charging them at 3 amps on a peak charger and using them hot off the charger for best performance. You can get loose cells if you want to make up your own packs, or buy pre-made packs from several sources. 8-cell packs can be found for about \$28 from <http://www.electricsquadron.com/> and <http://www.eflightpacks.com/>

As always, I'd be glad to offer any assistance I can in optimizing electric sailplanes.

**Lenny Keer**

[lenny970@AOL.com](mailto:lenny970@AOL.com)

## For Sale

1. **Emerald** – Some battle scars but in pretty good condition. Freshly painted fuselage. Built-up rudder installed (original molded rudder comes with it). 2 HS-85BB servos on ailerons. 2 HS225BBMG servos on Flaps. 2-HS85BB for rudder elevator. No receiver or battery. **\$450**  
**Jim Monaco** [JimMonaco@Earthlink.net](mailto:JimMonaco@Earthlink.net) (303) 464-9895

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1. **Emerald** - No batteries or receiver. Volz Micro Maxx X servos(6) Soars Great, Lands Great, **\$350**
2. **Risk HLG** - No receiver. w/battery pack 2 Hitec HS55 in wing No servos in fuse' **\$65**  
**Chuck Stasek** (303) 530 9373 [cstasek@attbi.com](mailto:cstasek@attbi.com)

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1. **Eraser Extreme V-Tail**, Hitec hs 85 metal gears on flaps, standard 85 bb's everywhere else, includes 1600 mah NiMH battery and ballast. 63 oz all up, just plug in your receiver and fly. This model is in excellent condition, three or four flights max **\$700.00**  
**Richard O'Connell** [rpoc@earthlink.net](mailto:rpoc@earthlink.net)

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1. **R&R Millennium** with Volts servos less the receiver, in perfect shape Yellow topped blue bottoms. **700.00 with servos /500.00 without servos.**  
**Dr. Dan Williams**  
**303-903-2291**

## Open Class Standings for 2003

	Mar	PI	Apr	PI	May	PI	SSF	PL	Best 6	Place	Prev Pts	Prev Wins	03 Pts	03 Wins	Tot Pts	Total Wins	Promo
<b>Masters</b>																	
Skip Miller	1000	1	922	10	962	5	1000	1	3884	1							
Don Ingram	998	2	924	9	998	2	887	7	3807	2							
Mark Howard	859	12	1000	1	987	3	915	6	3761	3							
Charlie Miller	932	5	978	5	874	11	967	2	3751	4							
John Padilla	927	6	884	12	897	9	967	2	3675	5							
Dr. Dan Williams	971	3	777	17	985	4	920	5	3653	6							
Lenny Keer	892	9	997	2	781	14	955	4	3625	7							
Jim Monaco	881	10	935	7	884	10	884	8	3584	8							
Bob Lewan	798	18	990	3	863	12	851	9	3502	9							
Rich O'Connell	851	13	870	14	944	7	819	11	3484	10							
Joseph Newcomb	842	15	985	4	939	8	327	15	3093	11							
Byron Blakeslee	851	13	944	6	860	13			2655	12							
Mike Verzuh	835	16			961	6	775	12	2571	13							
Bob Johnston	825	17	881	13	764	15			2470	14							
Bob Moffett	935	4	544	18	653	16			2132	15							
Jack Zika	906	8	857	15	212	19			1975	16							
Tom Gressman	878	11			1000	1			1878	17							
Bob Pederson	600	20			529	17	397	14	1526	18							
Phil Jones	580	21	851	16					1431	19							
Shannon Bingham	794	19			499	18			1293	20							
Bob Vixie	154	22	925	8					1079	21							
Ali Ghaffari	917	7							917	22							
Dusty Miller			903	11					903	23							
John Kappus							831	10	831	24							
George Blair							701	13	701	25							
Bob Rice	86	23							86	26							
<b>Sportsman</b>																	
Jim Newcomb			762	2	1000				1762	1			2		2		
Wayne Hollenbeck	1000		707	3					1707	2			1		1		
John Leutke	900				748		715		1648	3							
Ryan O'Hara			619	4			330		1334	4							
Chuck Stasek			1000	1					1330	5	3		3	1	6	1	
Blank										6							
Jeff Hainline										6							
Kevin Moffett										6	14	1			14	1	
Marc Monaco										6	4				4		
Neil Schmoker										6							
Peter Baur										6	1				1		
<b>NOVICE</b>																	
Danny Dermer	1000		1000						2000	1							
Steve Suntken			972		1000				1972	2	5	1			5	1	
Art Ries					121				121	3							
Chuck Stasek										4							
Neil Schmoker										4							
Tony O'Hara										4							

## 2003 RMSA Contest/Event Calendar

Date	Event	CD	Notes
Jan 7	RMSA Meeting		
Jan 25	Open Event (PPSS)	Joel Zellmer	Fun Fly
Feb 1-2	SWC		Phoenix SouthWest Classic
Feb 4	RMSA Meeting		
Feb 23	Open event (PPSS)	Steve Bygren	Snow Fly
Mar 2	Pro-Am	Jim Monaco	Sixth annual Pro-Am
Mar 4	RMSA Meeting		
Mar 9	Open*	Bob Pederson	March Blowout
Mar 22	Open event (PPSS)	Larry Laughlin	March Madness
Apr 1	RMSA Meeting		
Apr 5	RES event (PPSS)	Rich O'Connell	REServe
Apr 6	Open*	Jim Barr	Spring Thermals
Apr 27	F5J	Lenny Keer	
Apr 27	Open event (PPSS)	Rich O'Connell	Humps and Bumps
May 4	Open*	Don Ingram/Bob Johnston	Spring Fling
May 6	RMSA Meeting		
May 17	Open event (PPSS)	Austin Cleis	May Fly
May 18	HLG**	John Kappus	
<a href="#">May 24, 25</a>	Spring Soaring Festival*	Mark Howard	Special National Event– click date for more info
May 31	F5J	Lenny Keer	
June 1	Open**	Bob Moffett	Summer Fun
June 3	RMSA Meeting		
June 7&8	F5B!	Lenny Keer	National Level Contest
June 7-8	IHLG		
June 14	Electric event (PPSS)	Jack Dech	Watts of Fun
June 22	HLG**	Jim Newcomb	
June 22	Open event (PPSS)	Chris Keller	Summer Solstice
<a href="#">June 28-29</a>	F3J in the Rockies*	Mark Howard	Two Day National Event – click date for more info
July 1	RMSA Meeting		
July 12	RE event (PPSS)	Dave Kurth	Memorial
July 13	Open*	Jim Monaco	Firecracker Open
July 19	Open event (PPSS)	Bob Avery	Height of Season
July 20	HLG**	Dr. Dan	
<a href="#">July 26/27</a>	F5J	Lenny Keer	Electric event – click date for more info
Aug 2	Open event (PPSS)	Greg Tarcaza	Howling Coyote (Night Fly)
Aug 3	F5J	Shannon Bingham	
Aug 5	RMSA Meeting		
Aug 10	Open*	Bob Johnston/Don Ingram	Hotter than Snot
Aug 24	HLG**	John Kappus	
Aug 24	Open event (PPSS)	Dave Meyers	Dog Daze
Aug 30-Sept 1	F3J Team Selections		TENTATIVE
Sept 2	RMSA Meeting		
Sept 7	Open*	Bob Rice	AKA: Colorado Challenge Cup
Sept 20	Open event (PPSS)	Barry Welsh	Soar Bash
Sept 21	HLG**	John Kappus	
Oct 4-5	VISALIA		
Oct 4	HL event (PPSS)	Bob Vixie	Toss Up
Oct 7	RMSA Meeting		
Oct 12	Open*	Shannon Bingham	Falling Leaves Open
Oct 18	RES event (PPSS)	Jack Dech	RESpite
Oct 26-27	F5J		Phoenix National Competition
Oct 26	HL event (PPSS)	Mike Fritz	Witches Brew
Nov 4	RMSA Meeting		
Nov 23	Open event (PPSS)	John Read	Turkey Shoot
Nov 9	Open*	Jim Monaco	Last Chance Thermals
Dec 6	? (PPSS)	John Read	Barn Fly
Dec 7	Awards Banquet		

\*Club Open points contest \*\*Club HLG points contest

Italics indicates non-RMSA events



### 2003 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) 745-5269</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://rmsa.homestead.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 Masters

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Phil Jones	(720) 488-2854	<a href="mailto:philip.jones@galileo.com">philip.jones@galileo.com</a>



### 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. 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*