

# **Thermals**

**Newsletter of the Rocky Mountain Soaring Association** 

November 2007 AMA Chartered Club 1245 Volume XXXI Number 11

### President's Message Mike Verzuh

The soaring season is getting shorter so I hope everyone can make some time to get out and enjoy the nice days we still have. The Indian Summers we have in Colorado are really perfect for soaring. We get the cold nights and the warm days with plenty of sunshine for ground heating and great thermals. We were able to get in the October open last weekend and it really was a perfect day with light breezes and temperatures in the mid 70s. You can't ask for more. More on the October contest from Shannon later on.

First off congratulations to Lenny Keer for making the US F5B team. This is a great accomplishment that Lenny worked very hard to achieve – Great Job Lenny! Lenny may need some of our assistance over the year for preparation so please give him your support if needed.

Again as a reminder it is that time of year again to choose new club officers, so please send me your nominations for any of the offices. It is also time for membership renewals. Per our discussions next year we will have a dues increase. Senior membership goes to \$35 with Family Membership at \$40. This and the increase in contest fees will allow our club to stay financially solid.

I would like to welcome Mickie and Louis Nigro and Bruce Martin as new club members. Please give them a hand and welcome them if you meet them on the club field.

Finally we need to do some maintenance on the club winches and the winch trailer. The plan is to replace the trailer doors and go over the winches just after the November contest the weekend after next. We should be able to get everything wrapped up in an hour to hour and a half. We could use battery-powered drills and hand tools if you have them, so please throw them in the car with your planes on Contest Day (just not on your planes!).

That's it for this month. I hope this message finds everyone truly able to enjoy the local soaring conditions. I wish all your families the best!

Mike Verzuh Rocky Mountain Soaring Association President

**Next Meeting:** 

Date/Time November 11th Prior to Competition

**Location:** Sod Farm

## Vice President's Message Steve Suntken

For you folks that are interested, here is the URL to a good recap of the ESWCs (F5J) written by some members of A.S.A.. This is the Electric Soaring World Challenge competition that Lenny & I attended In September held in Moriarty, New Mexico

http://www.soarabq.org/f5j\_wc\_2007/f5j\_main.shtml

### **October Open Contest Report**

### **CD Shannon Bingham**

October Open Contest Contest Date: 10-28-07

r	Place by							Kounas		Norm DV	Norm py	Place by
Name	Class	RD 1	RD 2	RD 3	RD 4	RD 5	Raw Total	Flown	Total	Class	Contest	Contest
Masters												
Bob Lewan	1	1000.00	1000.00	1000.00	1000.00	986.52	4986.52	5	4986.52	1000.00	1000.00	1
Mike Verzuh	2	992.35	991.23	991.29	997.11	1000.00	4971.97	5	4971.97	997.08	997.08	2
Dr. Danny Williams	3	992.46	1000.00	947.74	1000.00	986.52	4926.72	5	4926.72	988.01	988.01	3
John Kappus	4	875.65	924.44	989.44	995.66	993.89	4779.08	5	4779.08	958.40	958.40	4
Skip Miller	5	774.61	982.61	1000.00	1000.00	1000.00	4757.22	5	4757.22	954.02	954.02	5
Tom Gressman	6	721.94	936.96	885.02	991.35	1000.00	4535.27	5	4535.27	909.51	909.51	6
Jim Monaco	7	1000.00	1000.00	1000.00	432.28	643.47	4075.74	5	4075.74	817.35	817.35	7
Shannon Bingham	8	864.32	969.57	993.09	989.87	257.94	4074.79	5	4074.79	817.16	817.16	8
Byron Blakeslee	9	756.48	618.42	973.59	862.72	543.84	3755.04	5	3755.04	753.04	753.04	10
Lenny Keer	10	1000.00	964.44	846.29	646.97	272.06	3729.76	5	3729.76	747.97	747.97	11
Sportsman												
Steve Suntken	1	910.71	947.37	811.62	903.04	428.21	4000.95	5	4000.95	1000.00	802.35	9
Jim DeGroot	2	381.91	433.33	253.89	238.44	415.14	1722.71	5	1722.71	430.57	345.47	12
Novice												

### **SUNDAY November 11th Open Contest**

**CD Jim Monaco** 

**Registration:** 8:30 AM **Pilot Meeting:** 9:00 AM **First Round:** 9:15 AM

**Entry Fee:** \$10 for masters and \$5 for sportsman and novices.

Battery Masters - Please be sure to have your batteries at the field by 8:30 AM "topped-up" and charged

**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.

### **Potpourri**

### F5B Team selections – Lenny Keer

San Diego was the site for the US F5B team selections at the end of August. The top three pilots form the 2008 US team and will go to the World's next summer in the Ukraine. I was fortunate enough to place third and thus earned a spot on that team. Veteran team members Steve Neu and Jeff Keesaman from San Diego make up the rest of the team. The predominant model used was the Russian made Avionik, and the power systems used were almost exclusively American made NEU motors and Castle Creations controllers.

What is F5B? F5B is the class of "Electric Powered Gliders" recognized by the FAI and flown in many countries around the world. This is a multi-task event with Distance, Duration, and Landing all scored on one flight.

**Distance:** You have 200 seconds from the moment the model is launched to complete as many 150 meter "legs" as possible on the distance course. Each completed leg scores 10 points. You can use the motor up to 10 times when outside the course, but all legs must be flown while gliding.

**Duration:** At the end of the distance task, you have to fly for another 10-minutes. Each second of duration time scores one point and each second of motor run used subtracts one point.

**Landing**: A landing bonus of up to 30 points is added if the model lands within the landing tape.

The models: They are typically around 2 meter wingspan, fully molded with lots of carbon used. They're very strong and very efficient. Up until this year, nimh batteries were used for power and the models were quite heavy. Normally, they were flown right at the FAI maximum wingloading which is around 25 oz /square foot. Now lipo batteries are used, reducing the airborne weight by over a pound! The models now fly even better, still go fast, and they will now thermal fairly well. High power brushless motors are the norm here, providing acceleration from zero to 160 mph in about three seconds which is important for scoring well in the distance task. It does get your adrenalin going!

### For Sale

RES, **Resolution.** Won 1st and two 3rds in RMSA RES contests.

\$350.00

Comes with Airtronics RX. Plug in your crystal and fly. .

Tom Gressman 303-246-3194

MOVING UP SPECIAL – Complete sportsman package including Tsunami V-Tail RTF and Stylus radio. Tsunami is the top of the line previous generation competition sailplane. Structurally sound but cosmetically challenged. Tail boom repair and wrinkling on the wing sections. Complete with servos, receiver and battery (over \$300 value alone). Good condition Stylus without glider card or module. This was tuned up 2 years ago and used very little since then. All you need is a module, glider card and crystal and you are ready to fly. Pictures available on request. This is for club members only - \$600.

Also available Eraser Extreme – v-tail. New Fuse, all servos and receiver. Wing is cosmetically challenged structurally sound. \$350.

### Thanks – **Jim Monaco**

### Pike Perfect Super Light - \$1150

Yellow over Black, Airtronics 761 servos in the wings and rudder, Voltz Micro-max in the elevator. Plane sustained mid-air damage at the F3J TS, but will still perform as new. If you are looking to get into one the top planes available at a great price this is the plane for you. I would like this to go to an RMSA member as a first preference.

### WANTED BEGINNER

Art Reis's old 2M poly Wanderer is **STILL** available for some new beginner to have, enjoy and learn from! It is old & battered, but flies well and is a complete system ready to fly (includes Hi-Start, TX, Charger, and convenient carry case) ALL at no charge to the taker! (It may need a new RX battery) I only ask that it get's passed on (if still viable!) to some new person when you're thru with it! The last "owner" graciously contributed the carry case

Contact Tony O'Hara 303-948-2576 or email me at tonyoco@peoplepc.com if you know someone who would benefit from this model.

# Renewal Reminder

It's time to renew your memberships. Renew with the application in this newsletter, (below)

Or on-line at <a href="http://www.rmsadenver.com">http://www.rmsadenver.com</a>

# **2007 OPEN STANDINGS**

																					I		Nat.			
	Mar	Pl	Apr	Pl	May	Pl	SSF	PL	June	Pl	F3JR	Pl	July	Pl	Aug	PI	Sep	Pl	Oct	Pl	Nov	Pl	Lvl.	Name	Best 6	Place
Masters																										
Cody Remington	998.33		993.51						997.01		1000		844.11		876.93		1000						999.2	F3JNATS	5988.05	1
Bob Lewan	923.33		976.17		928.55				990.69		966.96		1000		993.66				1000				981.99	F3J TS	5942.51	2
Skip Miller					1000				993.94		999.78		874.13		996.74		926.07		954.02				997.8	F3JNATS	5942.28	3
Jim Monaco	995.9		876.93		998.56				1000		954.02		965.29		894.08		980.32		817.35				993.4	F3J NATS	5933.47	4
Mike Verzuh	996.02		985.35								928.35				1000				997.08				997	F3JNATS	5903.8	5
Dr. Dan Williams	997.65		929.36		972.74						880.97				844.56		930.19		988.01				970.54	SWC	5788.49	6
Charlie Miller	954.02		994.54		874.06				893.16		934.49		924.32										971.6	F3JTS	5672.13	7
Lenny Keer	995.35				665.91				776.67				665.97		904.71				747.97						4756.58	8
John Padilla	958.32								803.84		918.35		924.6										878.78	SWC	4483.89	9
Joseph Newcomb	1000		1000								964.13												992.3	SWC	3956.43	10
Shannon Bingham			880.73						924.38										817.16				951.28	SWC	3573.55	11
Tom Gressman	977.53														926.89				909.51						2813.93	12
John Kappus															992.05				958.4						1950.45	13
Byron Blakeslee	969.37																		753.04						1722.41	14
Bob Vixie	984.7		552.21																						1536.91	15
Phil Jones													939.82												939.82	16
Don Ingram			904.2																						904.2	17
Bob Moffett			275.11																						275.11	18
Jim Barr			267.39																						267.39	19
George Blair																										20
Mark Howard																										20
Bob Avery																										20
Bob Rice																										20
Dusty Miller																										20
Jack Zika																										20
Rich O'Connell																										20
																										20
Sportsman																										
Steve Suntken	1000		1000		1000				1000				1000		1000				1000						6000	1
Gary Slocum			694.65		935.39				881.36		781.72														3293.12	2
Jim DeGroot																	597.94		430.57						1028.51	3
Hal Remington																	1000								1000	4
Ryan O'Hara	723.85																								723.85	5
Jim Newcomb																										6
Chris Miller																										6
Peter Baur																										6
Wayne Hollenbeck																										6

For Sale Items-----Lenny Keer



**Graphite** hotliner from Kennedy Composites. 74" span, all molded construction ready to fly, with receiver and 4 servos, in "like new" condition. Has Hacker F5B motor and controller installed and travel bag included. Two piece wing and removable V-tail, so it packs up well. How's it fly? In a word......Sweeeeeet! It has an MH-32 airfoil, so it gives up some high speed performance (by my standards), in exchange for enhanced thermaling capability. Really nice flying model with great all-around performance. About \$1500 invested, will sell for \$700. Hopefully, someone local picks this one up – it's too nice to leave the club.

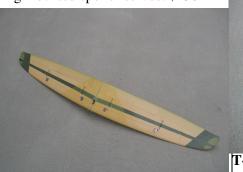




Olympic II, still one of the best trainer sailplanes ever. 100" wingspan, balsa construction, Monokote covering. It's in human hands. \$100 decent shape with servos included. Has wing mounted spoiler servos. \$150



**Encore** wing with flaps. Brand new wing, never assembled, untouched by



**Encore** wing with flaps. 4 servos installed. Never flow, but has some shipping damage that could be repaired. metal tail rotor, Medusa motor, Has carbon launch peg in left tip. \$150



**T-Rex** electric helicopter ready to fly – just add your receiver. No, it doesn't thermal but it does fly great! Has tons of upgrades.....metal main rotor head, fiberglass canopy. Includes 3-HS56 servos, 1-9650 digital tail servo, GY401 gyro, Align 35A controller, 325 Pro blades, Gorilla gear, Deans antenna, on board lipo alarm. Also included are two lipo packs and a large supply of spare parts. Over \$800 invested, will sell for \$450. Stylus program available.



**NewTimer** electric thermal model ready to fly. Fiberglass fuse, built up wings. Super easy to fly, makes a good park glider. Includes receiver and two servos, Mega brushless motor, Phoenix 25 controller, folding prop and spinner, and 3S lipo pack. About \$450 invested, will sell for \$200.



Floater. This is an EPP training glider that used to be made by Trick RC. No longer available. It's about 2 meters wingspan and almost indestructible. It flies pretty well and can be winched, hi-started, or tossed off the slope. Has servos installed, add your receiver and battery pack. \$100



Schulze 6-330 charger. Great for nimh and lipos. Has latest lipo software upgrade. \$100

# **Rocky Mountain Soaring Association - 2007**

RENEWAL	NEW MEMBER	SPONSOR
	Please complete the	e following information for our records:
Family Memberships -	Please make and complete a cop	by for EACH flying family member!
Name :		Need name badge? Yes
Address:		Year Joined RMSA:
- <u></u>		Home Phone:
		Work Phone:
AMA #:	AMA Contest Director?	Yes No
AMA Class Open You	th Family Birth Date:	//
LSF #:LSF LEV	'EL: NSS #: E-	-Mail:
-	ass Senior Only Senior W/Fam ly receive THERMALS - other I	nily Associate Family Family members check Family Box)
Non-Flying Family men	mbers:	
=	ass Novice Sportsman	
RMSA Offices Held		
PLANE SPAN	COLOR (10p,Bott.,Fuse)	LASS (Open,HLG,Std) FREQUENCY
F3B X-C conte	T/D contests HLG Contests NS sts Slope contests Other	
\$ 35.00 Seni \$ 40.00 Fam	or - under 17 ior - individual 17 and over iily - any number (same address) ciate (newsletter only)	
REMEMBER TO Please send to: RMS	ions are ENCOURAGED! Pleas  SIGN THE FIELD RUL  SA  bb Rice	•

1123 S. Oakland St. Aurora, CO 80012

### ROCKY MOUNTAIN SOARING ASSOCIATION FIELD RULES

- The sod farm operations take precedence over **ALL** activities. We use the field at the convenience of 1. the owner.
- 2. All members will follow **ALL** instructions from **ANY** sod farm personnel without question.
- 3. When sod farm operations are occurring during a flying session it is **OUR** responsibility to ensure that we will not interfere with operations. If it is unclear as to what is happening or where they intend to mow or work try to talk to workers or management and always move equipment or vacate the premises if necessary. Some workers do not speak very good English – in that case you must make every effort to avoid conflict or interference with operations.
- 4. Park only in the designated parking areas Do not park on grass, dirt or roads.
- Avoid setting up on newly seeded areas or young grassy areas. The nice grassy areas are better to land 5. on anyway!
- Establish a frequency control pole and tag system! Frequency control is to be in effect at all times!! All 6. members will post their frequency control tags on the pole and if there are conflicts, please exercise safety sense as well as share the flight time.
- Parking and pit areas should be as condensed as possible for the safety of launch and landing. 7.
- Establish flight line areas for winch launch, high start launch, and hand launch that are separate for the 8. sake of launch, flight & landing safety.
- 9. Flying over the parking/pit areas at less than 30 feet is prohibited. Doing so in competition WILL result in a zero flight score and during R/R flying a disciplinary action by the club.
- 10. No aerobatics or speed runs over the parking/pit/Launch/Landing zones.
- Do not launch if a plane is circling in a launch zone: vacate the launch zone as soon as possible if 11. someone is waiting to launch.
- 12. When entering a thermal occupied by other aircraft, enter in the same direction as the first aircraft
- 13. Landing aircraft have the right of way!
- In the event of no mechanical retriever, please shag your own chute/line for the flight 14.
- 15. Please share the usage of club equipment so that all have equal flight time.
- 16. Please be courteous and helpful to your fellow flyers as well as informative to all guests/spectators. Enjoy yourself and others!!
- 17. Absolutely no debris or trash is to be left on the field! Please take it home with you for disposal.
- Make sure that your plane and electronics are airworthy before each flight. Exercise good safety sense in 18. your flight
- 19. The aircraft will have an identification name/address or AMA number on or in the model in case of loss.
- 20. You MUST tag your winch/high start spikes or stakes with fluorescent tape so they are easily spotted on

	damage to sod farm equipment from spikes left in the ground have made this rule EXTREMELY important.	18
21.	Absolutely no alcoholic beverages will be consumed, prior to or during participation in any model on the flying field.	event
I unde	erstand and will comply with all RMSA field rules:	
Signat	ture	

# 2007 RMSA Contest/Event Calendar (Revised 3-29-07)

Date	Type	CD	Name/Notes					
February 5	RMSA Meeting							
February 10-11			SWC - Phoenix					
February 25	Combo (PPSS)	Bob Avery	Snow Fly					
March 7	RMSA Meeting	Wayne Angevine	Thermal structure and behavior as related					
			to sailplane flying.					
March 11	Open*	Mike Verzuh	Combo Event Open + 2m + RES					
March 24	Combo (PPSS)	Chris Keller	March Madness					
April 15	RMSA Meeting		On field at competition					
April 15	Open*	Bob Moffett						
April 22	Combo (PPSS)	Joel Zellmer	Humps and Bumps					
May 1	RMSA Meeting							
May 6	Open*	Steve Suntken	F3J with Winches					
May 13	HLG**	John Kappus	Rescheduled to June					
May 19	Electric (PPSS)	John Read	Watts O Fun					
May 26-27	F3J in the Rockies*	Jim Monaco						
June 2-3	IHLGF		IHLG - California Event					
June 5	RMSA Meeting							
June 10	Open*	Jon Padilla	F3J with winches					
June 16	Mentor Day	Dr. Dan						
June 23-24	F5B Electric	Lenny Keer	F5B in the Rockies					
June 24	Combo (PPSS)	Dave Kurth	Summer Solstic					
July 1	HLG**	John Kappus						
July 3	RMSA Meeting							
July 8	Open*	Mike Verzuh	F3J with winches					
July 14	HLG Mentor Day	John Kappus	Saturday					
July 22-28			Soaring NATS - Muncie ID					
July 21	Combo (PPSS)	Greg Tarcza	Height O' the Season					
August 4	Mentor Day	Cody Remington	Launching and Landing					
August 12	RMSA Meeting		On field before contest					
August 12	Open*	Dr Dan	Combination event Open +2m + RES					
August 18	Combo (PPSS)	Austin Cleis	Howling Coyote (night fly)					
August 26	HLG**	John Kappus						
September 4	RMSA Meeting							
September 8	F5J	Steve Suntken	Informal contest or funfly					
September 15	Mentor Day	Jim Monaco	Contest Basics					
September 16	Open*	Jim Monaco	Colorado Challenge Cup					
September 29	Scienturfic Appreciation l	Day Jim Monaco	Also Family Day					
September 30	HLG**	John Kappus						
September 23	Combo (PPSS)	Bob Avery	Soar Bash					
October			Visalia Fall Fest					
October 2	RMSA Meeting							
October 14	Open*	Shannon Bingham						
October20	Combo (PPSS)	Chris Keller	Witches Brew					
November 7	RMSA Meeting							
November 11	Open*	Don Ingram						
November 18	Combo (PPSS)	Jerry Murphy	Turkey Shoot					
December 9	RMSA Banquet	Mike Verzuh						

\*Club Open points contest (Best 6 Scores)
\*\*Club HLG points contest (Best 3 including the PPSS HLG event) Italics indicates PPSS events held at their location in COS



President: Mike Verzuh
Vice President: Steve Suntken
Secretary: Bob Rice
Treasurer: John Pearson
Past President: Jim Monaco

 2007 Board Members
 970 532 0638
 mailto:mike@verzuh.com

 303 477 6184
 mailto:flyingdogtwo@cs.com

 303 745 5629
 mailto:briceflyer@comcast.net

 303 306 6800
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 303 464 9895
 mailto:JimMonaco@earthlink.net

### **Member Support**

http://www.rmsadenver.com

Chief

Instructor:Mike Verzuh(970) 532-0638 (303) 505-9488 (Pager)Librarian:Tracy Cochran(303) 934-8838Tcochran@idcomm.comNewsletter:Tony O'Hara(303) 948-2576tonyoco@peoplepc.com

#### **Winch Master**

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

### **Battery Masters**

Bob Lewan Skip Miller Joseph Newcomb Cody Remington Dr. Dan Williams Steve Suntken

### For Winch Use;

If you are interested in using a club winch please contact Mike for the first time, and I will insure you have all the details for trailer access. Also if you are a new member and have not had a winch operation and safety briefing we will coordinate that.



### **Directions to Field**

Take I-76 to exit 16. Turn left and follow the frontage road to the stoplight and turn east onto 120<sup>th</sup> eastbound towards the airport. Take 120<sup>th</sup> 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

Forwarding Address Requested

First Class Mail