



Soaring News



Vol. 3 Issue 2

"Newsletter of the Orlando Buzzards R/C Soaring Society"

March 1998

CLUB OFFICERS

Jerre Ferguson, President (407) 295-0956
Bill Townsend, Vice President (407) 831-7212
Lewis Gray, Treasurer (407) 365-6766
Rob Rierson, Secretary (407) 273-1127

NEXT MEETING

Apr. 5th, Noon at Club Field
May 3rd, Noon at Club Field

Corner

Jerre Ferguson

Greetings Fel- low Buzzards.

Here we are in the month of March and already there has been quite a bit of soaring activity along with more than our fair share of rain. While on the subject of rain, the conditions at the Snow Hill Road field were not dry enough to chance running FSS #3 at that site. Our home field was used and considering what the weather conditions were all over the State, we had a real good turn-out both days. Thanks to the CDs Ben Cleveland and Al Sorenson and to all the helping hands, we had a very successful weekend under a variety of weather conditions, including an unwelcome downpour on Saturday. Our next contest, FSS #4, on 28 and 29 March will again be scheduled to be flown at the Snow Hill Road State Preserve field, weather permitting. Rob Rierson and Hank McDaniel are the CDs for the contest. Again, the assistance of all the club members that are able to lend a hand before, during, and after the contest will be greatly appreciated. On the subject of continued use of the Snow Hill Road facility, a letter has been composed expressing our thoughts on the past use of the field and requesting that the original approved sailplane flying allowances be rein-

stated. This letter will be in the mail to the Division of Forestry during the second week in March. I am not sure what response we will get in return, but I am hoping that it will be in our favor and that we will not have to go to a higher authority. However, we are prepared to do just that, if necessary.

"Good flying to all,"

Jerre

Editor resigns with next issue!

**Wanted: member
with computer access
and skills to continue the tradition of SOARING
NEWS!** If you are that person, please contact:

SOARING NEWS
1471 San Carlos Ave
Deltona, FL 32738-9771

or email to: flyboy@bitstorm.net



1998 MEMBERSHIP ROSTER

The 1998 Membership signup is complete. 42 members! But some of you are still missing from our membership renewal list. Did you forget to renew?? Don't delay any longer! Write your dues check and forward to Lewis Gray before you miss-out on all the fun. This issue of *Soaring News* contains the current 1998 club roster. Please notify Lewis Gray if you have any changes to your frequency channel number(s), addresses, or phone numbers.

Safety First



Featuring Terry Cusack

I never thought it would happen to me. I thought it was pretty stupid to pickup a transmitter and turn it on without the proper frequency pin. Now I know different.

In past columns I wrote about being ready to fly, not just your aircraft, but yourself. I fell victim to the very thing I preached; "Don't go flying if you are mentally or physically fatigued". I have been very busy lately: I write this newsletter; I am a Senior Chief in the Navy Reserves; I am a Cub Scout Leader; I am President of a Recreational Basketball League; I work long hours on a new business venture for Lockheed Martin; I have a wife who attends school full time; and I have two kids with field trips, dance lessons, guitar lessons, etc. I'm not telling you this for sympathy, but to help you understand how easy (and common) it is for us to feel overloaded and not recognize the signs of fatigue. I kept pushing myself to meet every commitment. I did not notice how dull my senses had become. I was coping well by unconsciously doing the same habits I have always done.

Then, during FSS#3, I changed my habits. For some strange reason, I felt compelled to impound both my transmitters, even though I would not be using one of

them. (Normally, I keep additional transmitters in my van, in a bag where they won't be turned-on during the contest.) So round two begins, I grab my timer, I grab the pin, and I grab my transmitter from the impound table. I go over to my plane, turn on the transmitter, turn-on the receiver, and nothing happens. I had just charged the receiver and I had just completed round one with no problems. How could my receiver battery be dead? It must be the wires to the battery pack? I decided to pull over to the side and troubleshoot the problem. I borrowed a Voltmeter from Garnett and checked it out. Continuity and voltage all checked good. Then what could be the problem? Started looking at my transmitter program, then realized that I had the wrong transmitter (I have two identical transmitters). Sure enough! The antenna frequency pin shows number 19 and the big numbers right below it show number 52. That was pretty dumb! Oh well, return it to the table and lets....OH-OH....I remembered Doc was heading to the winch when I had this problem (me and Doc always share 52 at each contest). I had been so rushed and self-absorbed in this problem, that I never heard or saw Doc crash and return the pieces to his car. I saw him near the scorers table and went to ask if he flew. He said he crashed on launch, out-of-control. I knew right then why, so I explained it to him, then went home and ordered him a new Vulcan.

Pretty Dumb Huh? It will happen again. Don't let it be you. My wallet is hurting, but I feel lucky that no one was injured. You never know when your guard will be down. Build and maintain good safe habits. And as I always say...Uhh....Oh yeah, "I THINK! SAFETY FIRST".

ODD-N-ENDS

☐ **ANOTHER OVERSIGHT!** Last issue I congratulated the Annual FSS winners. I missed the fact that John Masiello was also a winner, taking 3rd in Expert.

☐ **TANGERINE COVERAGE.** Check out the February issue of R/C Soaring Digest for an article on the Tangerine Championships held last November. Pictures taken at the contest will be distributed to the club members at the April Meeting.

☐ **BAD NEWS / GOOD NEWS!?** Bad News: Stan Pfost has sold the club field. Good news: he has leased it back for the next 5 years, just so the Buzzards can keep flying! Do you love this guy or what!?

☐ **LITTLE RED WAGON!!** Well, not quite, but we do have a neat new wagon for pulling the winch setup around on the field. This should make it much easier for everyone to get involved without a trailer hitch or 5-man effort. Special Thanks to Al DeMarcken for this acquisition and his beautiful handy work. Check out the custom stool, it's a work of art! Nice Job (as usual) Al!

☐ **SNOWHILL ROAD CAUTION:** R/C Power (gas) guys continue to fly at Snowhill Field. If you encounter these people, please be smart; exchange frequency info and let them know your flight path routine. Driving on the field is not permitted and the lock on the gate has been changed. Future field use (drive on) is restricted to those with approved limited-use permits.



FSS #2. The R/Sealawks of Cape Coral hosted this one. Weather continued to be unkind during this early part of the flying season. High winds and the threat of rain prevailed. Rich Kiburis and John Masiello were the only Buzzards in attendance (Saturday only). Rich was attempting a come-from-behind victory when he lost sight of his Super Vee! Attempts to locate it were unsuccessful. (He vowed to return; see next contest results.)

FSS#2 ORLANDO		
PLACE/CLASS	EVENT	NAME
1-Sportsman	2meter	DON HEATH
2-Sportsman	2meter	LARRY SQUIRE
3-Sportsman	2meter	AARON DARR
1-Expert	2meter	KURT CARLSON
2-Expert	2meter	JOHN MASIELLO
3-Expert	2meter	B. BROCIOS
1-Master	2meter	JOHN AGNEW
2-Master	2meter	CARL MOHS
3-Master	2meter	RICH KIBURIS
1-Sportsman	Unlmt	JOHN ROSEBERY
2-Sportsman	Unlmt	FRANK COLLINS
3-Sportsman	Unlmt	DON HEATH
1-Expert	Unlmt	MIKE WILLIAMS
2-Expert	Unlmt	JAY GALYON
3-Expert	Unlmt	POH KHAW
1-Master	Unlmt	BRIAN AGNEW
2-Master	Unlmt	MIKE AGNEW
3-Master	Unlmt	MARK ATZEL

FSS #3. What a bad weekend! No, the weather was fine, but the sailplane gods took a lot of sacrifices. Garnett White lost sight of his Kummerow Searcher (it was returned in pieces by a neighbor later that day). There were two mid-air, one was Ed White and Lee Montgomery, the other was Cy Baylor and I believe Kurt Carlson. Doc Agnew was shot down on launch. Jerre Ferguson and Larry Squire both folded wings on their launches. Mike Agnew landed in the Trees. Ken Goodwin broke a wing, but landed intact. And somebody flying with Matt Thorn landed too hard and broke his wings. Anyone who survived this one is to be commended. Way to go Buzzards!!

FSS#3 ORLANDO		
PLACE/CLASS	EVENT	NAME
1-Sportsman	2meter	JIM STANDERFER
2-Sportsman	2meter	JERRE FERGUSON
3-Sportsman	2meter	TOM KODEY
1-Expert	2meter	JOHN MASIELLO
2-Expert	2meter	RICK ECKEL
3-Expert	2meter	CHARLIE BRECHT
1-Master	2meter	BRIAN AGNEW
2-Master	2meter	ED WHITE
3-Master	2meter	SCOTT HUNT
1-Sportsman	Unlmt	BILL TOWNSEND
2-Sportsman	Unlmt	JERRE FERGUSON
3-Sportsman	Unlmt	MIKE ELIAS
1-Expert	Unlmt	CHARLIE BRECHT
2-Expert	Unlmt	KURT CARLSON
3-Expert	Unlmt	LEWIS GRAY
1-Master	Unlmt	BRIAN AGNEW
2-Master	Unlmt	DAVE ELIAS
3-Master	Unlmt	RICH KIBURIS

CONTEST VOLUNTEERS NEEDED!!

Orlando Buzzards will host FSS#4 in late March. Club participation and assistance at contests has been outstanding. Let's continue to lead the way and show other clubs what Soaring Spirit is all about! Call Hank or Rob.

Future Contest Dates:

Mar 28-29	FSS#4, Orlando—2 meter/Unlimited CD: Hank McDaniel (407) 831-3688 CD: Rob Rierson (407) 273-1127	June 20-21	FSS#7, Punta Gorda—2 mtr/Unlimited CD: Ollie Wilson (941) 627-2117
Apr 18-19	FSS#5, West Palm—2 meter/Unlimited CD: Charlie Brecht	July 18(tentative)	Annual, Orlando—Gentle Lady Plus (senior/junior & team award) CD: Rick Eckel
May 2-3	Nostalgia Event, Orlando—Unlimited CD: Dave Davidson (407) 647-0553	July	AMA Nationals, Muncie, Indiana (see Model Aviation Magazine for info)
May 22	Cross Country, Morriston—Unlimited CD: Ken Goodwin (904) 528-3744	Sep 5-6	FSS#8, Morriston—2 meter/Unlimited CD: Ken Goodwin (904) 528-3744
May 23-24	FSS#6, Morriston—2 meter/Unlimited CD: Ken Goodwin (904) 528-3744	Oct 17-18	FSS#9, Morriston—2 meter/Unlimited CD: Bob Wargo (813) 938-6583
Jun 26-28	Mid-South Championship HLG/2 meter/Unlimited.	Nov 27-29	25th Tangerine Soaring Championship Orlando Buzzard's Snowhill Road

TECH-TIPS

Save your airplane. There has been at least three airplanes lost in the past few months. To my surprise, none of these contained the owners address, phone number, or AMA number on them! AMA rules specify that you must have your AMA number displayed on your aircraft to compete in contests. It would be just as prudent to have your name, address, and phone number on the aircraft as well. The words "Reward if Found" won't hurt none either. I'm sure these three fellows wish they had.

Save your money. Rob Rierson says to think about this:
1) A JR trainer cord is simply a stereo 1/8" patch cord! No need to spend \$25.00...it can be bought for \$2.50!!!
2) Tower Kote (Tower hobby's version of Monokote) is lighter and operates at a much lower temperature than Monokote or other premium shrink coverings. Tower Kote tends to melt through if too high of a heat is used, and does not give as nice a finish as Monokote. For nice model finishes, stick to the premium coverings! You get what you pay for.

Create Anything. Did you or your neighbor just buy a

computer, stereo, or other major home electronics? Did you notice the packing inside the box? Most heavy electronics are packaged in custom cradles made of High-density EPP foam. This version of EPP foam is not especially great for making airplanes (it's not closed cell), but it is fantastic for a hundred and one other uses. Using just a knife or coping saw, you can safely shape this foam into anything. I have used it for:

- 1) Jigs or holding fixtures for my airplanes on the Work bench or flying field.
- 2) Storage holders for fuselages or wings on the walls.
- 3) Cut out silhouettes and store tools or hang charger cords in it.
- 4) Line your tool box with it and cut out where each tool or socket goes.
- 5) Transmitter packaging. Glue in layers to create deep pockets surrounding and protecting the transmitter. Do not use this foam inside your airplane as shock absorbing material for the receiver. It is OK in the nose for a Battery. It is meant for heavy impacts, not vibration absorption. Let your imagination run wild, you'll love this stuff!

HANDLAUNCH GLIDERS *By Sherman L. Knight* email address: duworm@aol.com

My first article stated: "No matter how well your aircraft performs or handles, if you can't launch you can't win. Would someone please, please argue with this point."

It's always nice to fly a model with an extremely high performance ratio that allows a "save" when the model is

only a couple of feet from the ground. However, if your launch technique suffers, then every flight turns into a "save".

A Hand Launch pilot's engine is his entire body. Not just his "arm", but his entire body. However, before we get

into the technique of throwing, let's first take a look at keeping the arm and shoulders fit. That's right, this means off-season training.

The shoulders are one of the body's most complicated mechanisms. As many as fifty (50) arm and shoulders muscles are involved in throwing. The most important of these constitutes the rotator cuff, a series of four muscles that holds the upper arm bone (the humerus) to the roof of the shoulder (the glenoid labrum). The four muscles of the rotator cuff are the supraspinatus, the infraspinatus, the teres minor, and the subscapularis. The supraspinatus muscle is especially important in throwing because during the follow through it keeps the shoulder fixed to the head of the humerus. Like all voluntary muscles in the body, those of the rotator cuff operate in pairs, one contracting while the other relaxes.

Maintaining a healthy rotator cuff will enable you to establish and sustain a full range of motion needed for successful hand launching.

Baseball pitchers that participate in regular workouts with weights of 3-10 pounds. These same exercises can help keep you from unwelcome dates with the Advil bottle.

Tom Seaver (the baseball pitcher) has performed exercises similar to these approximately 3 times a week during the off-season. The objective of small weight work is worth repeating:

To obtain equal strength throughout the entire range of motion of the shoulder muscles. You achieve this by slowly lifting the weights against the force of gravity. If you use force or momentum to carry you through these exercises, you are only fooling yourself.

There should be no pain or discomfort in these exercises. Do them to the point of fatigue, rest, and start again. If there is pain or soreness, it won't be used with continued aggravation. Give the muscles a rest of a week or ten days and then resume the exercises. If there is still soreness, consult a physician.

If, at first you can only do one set with five or six repetitions, don't be discouraged. Accept that as your starting point and work toward a goal of increased repetitions. But do the work honestly. Don't cheat yourself.

There are seven separate exercises:

Exercise 1. Standing, with your arms hanging from the shoulders, palms against the front of your legs, raise the weights (directly in front of you) until your arms are paral-

lel to the floor. While holding that position, turn the weights until they are perpendicular to the floor. (Palms facing each other, shoulders width apart). Raise the weights until they are directly overhead. Pause at the top and then reverse the sequence and return to the starting position.

Exercise 2. Standing, and your arms hanging from the shoulders, with the palms against the side of your legs, raise the weights until your arms are parallel to the floor and on opposite sides of your body. (Palms facing the floor). Rotate the weights 180 degrees until your palms face the ceiling. Raise your hands over your head until the weights nearly touch. Pause, and then reverse the sequence and return to the starting position.

Exercise 3. Start with the arms in an outstretched position (on opposite sides of your body, arms parallel to the floor, palms facing the floor), rotate the weight until the thumbs are pointed straight at the floor. Slowly lower your arms to your sides and then return to the starting position.

Exercise 4. Lie on your side opposite your throwing arm. The upper portion of your throwing arm should be parallel to your upper body, elbow tight against your side. Bend your elbow 90 degrees, establishing an L between your upper arm and your forearm. Hold your forearm close to your waist and parallel or slightly above your belt line. Palm toward your body. While keeping your elbow tight against your side, raise the weight until the arm is pointed at the ceiling, pause, and then return to the starting position.

Exercise 5. Lie on your back with your elbow as close to your side as possible. Bend your elbow 90 degrees establishing an L between your upper arm and your forearm. Your forearm should be lying across your waist parallel to your belt line. Keeping your elbow close to your body, rotate your upper arm until your forearm is pointed away from your body. Pause, and return to the starting position.

Exercise 6. Lie on your stomach on a table or the edge of your sofa with your arm hanging straight down as possible and the weight resting on the floor. Raise your arm forward (parallel to your body) as far as you can without pain or discomfort. Then, bring the weight backward (parallel to your body) without any pain or discomfort. Pause and return to the starting position.

Exercise 7. Lie on your stomach or on the edge of your sofa with your arm hanging straight down and the weight resting on the floor. Bring the weight out, parallel to the

floor (perpendicular to your body), pause, and return to the starting position.

As always, exercise within the limits of your capabilities. If you feel pain or discomfort, see your physician.

In a future article, I will spend more time on the technique of the throw. By then, I hope to have multiple frame photographs of Joe Wurts and Steve Cameron and compare their style of throwing to the modern day baseball pitcher and javelin thrower.

In the past several months, I have received some interesting e-mail. Most of the mail concerns choice of airfoil. Most of the individuals I have responded to are a little disappointed in my answer. Unfortunately, there is no "best" airfoil. I firmly believe, that regional condition may have a larger impact on choice of airfoil than what airfoil won the last contest or reviewed in a magazine.

Here in the Pacific Northwest, the first flight in our contest routinely starts at 9:00 a.m. After traveling around the country to other contests, I was surprised to attend several that either didn't start the contests until "the lift developed" or filled the morning with short, easily accomplishable tasks. I must admit, I was a little disappointed.

It's obvious, that we all understand how conditions may change during the day. However, we seem unwilling to accept the fact that conditions may change regionally.

After Steve Cameron's success with the Orbiter and the SD-4061 wing profile, I vacuum bag, one of my own, and was delighted with the results. However, as the day wore on and the wind came up, I found myself shifting back to my '93 Aileron Monarch, it just "felt better" in the wind. I discovered later, Steve Cameron was switching from a 4061 to an RG 15 as the wind rose during the day.

Given the conditions in Muncie, at the Nationals in 1995, Steve Cameron's choice of the 4061, given the extremely hot, humid, windless conditions, may have been the best choice for the region and conditions at the time.

The nice thing about hand launch, is that they don't take a lot of time to build. It's an ideal class for experimentation. If you want to win your local contest, the airfoils used at that contest should be your starting point. An airfoil selected by someone clear across the country, with different average temperatures, different average humidity, different average wind velocity and at a different altitude may not work well in your region.

If you send E-mail please include actual name, address and phone number. I really want to know about your latest experiment. Thanks again.

More Neat Web Sites

Dave's Aircraft Works makes some great slope and foam trainer gliders. Dave is also now a column writer for several Soaring Magazines.
<http://ourworld.compuserve.com/homepages/davesaircraftworks>

Carl McBurnett makes a competition Hand Launch Glider in San Antonio, Texas.
<http://www.mindspring.com/~bludartar>

Tim McCann has some neat accessories (Skegs) for your Glider.
<http://www.alltel.net/~tmccann>

Hobby Club sells some very affordable (and some

not so affordable) scale sailplanes. This stuff is neat just to look at!
<http://www.HOBBYCLUB.COM>

Trick R/C, makers of the Zagi Foam Flying Wing have all the hot West Coast Slope Gliders.
<http://www.Zagi.com>

Sailplanes Unlimited, LTD. Talk about the beauty of scale sailplanes! This distributor has a whole slew of imported kits that are unbelievable.
<http://www.sailplanes.com>

Orlando Buzzards Roster

Name	Off. Pos.	Street Address	City	Zip Code	Phone (H)	Phone (W)	E-Mail Address	ADFA	Radio Frequencies
								Channels	641
Cy	Bayler	181 South Lake Thicket Drive	Cassberry	FL 32707	407 669-8750		Dh1xct@earthlink.net	1252	17 28 40 48
John	Bayler	1941 Hewitt Lane	Maitland	FL 32751	407 854-3798		jw110559@earthlink.net	247265	53
Bob	Berke	229 Everett Pkwy, Unit 101	Casselberry	FL 32707	407 551-5255		mbrun@earthlink.net	303239	18 20 22 43 45 52
Bob	Burns	454 Yorkshire Drive	Covelo	FL 32765	407 566-4885		cilburns@aol.com	54138	15 19
Ben	Cleveland	235 Mayhew Island Lane	Leshburg	FL 34788	352 559-1865		bendelnd@aol.com	3532	20 35
Terry	Cusack	Edlin 1471 San Carlos Avenue	Deltona	FL 32738	904 289-0333	407 306-7449	tybry@bellsouth.net	270567	19 50 52
Warren	Cusack	1411 Volcano Street	Deltona	FL 32725	904 532-3505			487155	
Dave	Davilken	1113 Naples Drive	Orlando	FL 32804	407 677-0553			7235	48
Al	deMankon	712 South Lake Charles Circle	Covelo	FL 32765	407 559-7734			453970	
Paul	DeJoy	PO Box 1355	New Smyrna Beach	FL 32170	904 427-8579			89346	
Kid	Eckel	696 Brown Bear Court	Winter Springs	FL 32708	407 565-9757	407 366-8832	R.A.Eckel01@aol.com	467949	24 28
Duke	Ellis	326 Park Avenue North	Winter Park	FL 32789	407 677-5038	407 644-9671	noy1@aol.com	590613	
Charlie	Franker	2514 Bonnerville Drive	Orlando	FL 32826	407 277-5698		charlie@popgate.net	584372	40
Brandon	Frankow	776 Long Lake Drive	Covelo	FL 32765	407 566-8700			534335	
Dave	Frankow	776 Long Lake Drive	Covelo	FL 32765	407 566-8700			6746	35
Jerre	Frederick	4511 Pegasus Way	Orlando	FL 32808	407 255-0955	407 356-5810	jerr@bellsouth.net	597466	27
Peter	Freddie	500 West Airport Blvd, Apt 1	Sanford	FL 32773	407 310-7421		peter.fred@aol.com	28469	18 43 50
Tom	Galloway	2173 Mosher's Trail	Maitland	FL 32751	407 638-5049	407 380-4648	gallowayt@worldnet.att.net	459929	
Gary	Galloway	704 Carrigan Avenue	Orlando	FL 32837	407 365-5202		gerardlg@aol.com	58222	18 33 52
Levi	Gary	633 Bear Creek Court	Winter Springs	FL 32708	407 365-6766	407 287-3174	lewis.gary-wsp@worldnet.att.net	582235	58
Gary	Green	14424 Sheila Road	Orlando	FL 32832	407 273-8549	407 647-7480		275113	27 55
Andy	Harrell	4448 Harbour Lights Court	Orlando	FL 32817	407 679-5294		aharrell@nashberg.com	457338	19 45 46
Scott	Harrell	931 3d Jpg Spring Court	Apopka	FL 32712	407 880-1056	407 880-5595	s2728harr@aol.com	89047	06
Ed	Jansson	2339 Sweet Springs Street	Deltona	FL 32738	904 789-8755		Edjansson@aol.com	549291	31
Rich	Kuburs	1928 North Metro Drive	Deltona	FL 32725	904 789-1421	407 316-1280	kuburs@earthlink.net	10275	56
Henry	LaLong	5430 Durant Drive	Port Orange	FL 32127	904 767-4773		hgl10@earthlink.net	542232	13 29 32
John	Mastello	144C Carrington Court	Winter Springs	FL 32708	407 366-8578	407 621-8718	johnmastello@aol.com	395933	13 34
Hank	McDaniel	1218 Rockham Road	Longwood	FL 32750	407 831-3688		henrymcdaniel@nashberg.com	1589	06 48 56
Bob	Meare	3670 Perchick Lane Drive	Winter Park	FL 32792	407 671-5105				

Name	Off. Pos.	Street Address	City	Zip Code	Phone (H)	Phone (W)	E-Mail Address	AMA Radio Frequencies
								Channels
Scott Shinn		8034 Dunstable Circle	Orlando	FL 32817	407 679-8226		SMMA40@aol.com	31
Deagert Parks		842 Kentucky Woods Ln. East	Orlando	FL 32824	407 857-0568	407 933-1700	dwpghp980@aol.com	431718 66
Bob Peters		837 Hatlower Drive	Altamonte Springs	FL 32714	407 862-7893			469639
Steve Pfoet		7431 Howell Branch Road	Winter Park	FL 32789	407 644-4868			372
Rob Rietzer	Sec	9012 Norchwood Court	Orlando	FL 32835	407 273-1127	407 843-3141	JWR0201@aol.com	529045 36 53
Al Sorenson		1446 Skylark Court	Orlando	FL 32835	407 658-0919		ECWED@aol.com	8283 12 14 16 37 40 42
Tom Scott		1025 Winter Springs Blvd.	Winter Springs	FL 32708	407 699-1237			2773 46 46 52 54
Bill Townsend VP		2457 Hunterfield Road	Maitland	FL 32751	407 831-7212		76732.1101@compuserve.com	559384 11 39 50
Clay Townsend		2457 Hunterfield Road	Maitland	FL 32751	407 831-7212		76732.1101@compuserve.com	559385 11 50
John Wagner		1010 Winter Springs Blvd.	Winter Springs	FL 32708	407 699-1132			3128 15 30 35 44 48
Ed White		3601 South Laurel Avenue	Sanford	FL 32773	407 321-1863		frutigny@sat.dnet.net	6822 20 37 50
Garnett White		7210 North Country Rd. 427	Sanford	FL 32773	407 322-7881			3509 20 22 26 27 43
Victor Young		418 Heathrow Circle	Rockledge	FL 32955	407 504-1870	407 861-7674	Youngv12@aol.com	554112 21 33 39

MANUFACTURERS HALL OF FAME

The manufacturers listed below have been recommended by your fellow Buzzards. They have done business with these manufacturers or used their products and are very satisfied with the product or service quality.

SLEGER INTERNATIONAL

Ed Sleger sells only high performance sailplanes. Ed does not mess with anything that is a compromise. He supplies competitive sailplanes such as the Fazer, Condor, Super Vee, and Laz er. He has both imported and domestic planes that are very superior in workmanship and extremely strong. Ed was Grand Champ at Tangerine with his Fazer. Eddie White has been using Sleger planes for years. Check out Ed's Advertising in R/C Soaring Digest. Ed has donated over \$600 worth of merchandise to the last two Tangerine Championship Raffles.

Web Address: <http://www.slegers.com>

Mail Address: P.O. Box 364, Long Valley, NJ 07853

Phone: (908) 879-9964

MARK KUMMEROW MODELS

Mark has designed and manufactured some very competitive sailplanes. His Present line includes the very popular 2-meter searcher (flown by Garnett, Terry, Jerre, and Victor) and his highly coveted HLGs, Cricket and Helix. The Helix is brand new and appears to improve many of the attributes that made the Cricket the most popular entry in Florida HLG contests. Mark has good workmanship and sells completed models for very reasonable prices. Mark can always be counted-on to donate finished models to the Tangerine Championship Raffles.

E mail Address: kummerow@cafes.net

Mail Address: 2258 Hillboro Blvd, Manchester, TN

Phone: (931) 723-2538

BRADLEY MODEL PRODUCTS

Jim Bradley has been a genius in the use of Composites on Free Flight Airplanes. Now Jim sells the very products he uses and is very free with his advice and experience. The composite materials are of very high quality and in various sizes and forms to meet the needs of Sailplane Builders. Jim also has donated various composite fabrics/materials to our Tangerine Raffle.

Mail Address: 1337 Pine Sap Ct, Orlando, FL 32825

AIRTRONICS

Airtronics has abandoned the Sailplane Kit market, but continues to concentrate on high-quality Computer Radios. While these radios may not be directly compatible with other brands, they are definitely superior in capability and component quality. They have many features targeted specifically for sailplane pilots. John Masiello can show you the Stylus Transmitter. Airtronics is available through almost all mail order and local hobby distributors. Airtronics has been extremely generous during our last two Tangerine Contests, donating Stylus Transmitters and hundreds of dollars in discount coupons and servos. They have really shown to be a class act.

Web Address: <http://www.wtp.net/DBEST/Airtronics/AirtronicsHome>.

Mail Address: 1511 Barranca Pkwy, Irvine, CA 92618-2216

Phone: (800) 567-6867



**Boy are you lucky. You just got another issue of
Soaring News!**



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