



Apr 2016

GENERAL CLUB INFORMATION

NEXT CLUB MEETING
April 21, 2016 Niceville
Church of Christ

UPCOMING EVENTS
GLIDER SOCIAL - 1st
SUNDAY OF EVERY MONTH

30 Apr-1 May - Beachcomber Pattern
Contest POC: Rob Campbell

TBD May – Scale Fly-In
POC: Victor Diaz

11 Jun – Motor Glider Contest
POC: Robert Pacheco

2016 CLUB OFFICERS

President: Rob Campbell (850) 499-7095
Vice President: Phil Conner (850) 217-5526
Treasurer: Robert Pacheco
Secretary: Ron Van Putte 243-0207
Member at Large: Paul Doman

Message from the President By Robert Campbell

April is a whirlwind month, and I'm not just referring to the winds! (Yes, the Okaloosa wind gods didn't get the memo that March is over and it's time to calm down.) This is the busiest April for the club that I can remember. We have or had a major activity every weekend in addition to our regular club meeting and Glider Social.

A big thank you to Ron Van Putte, Phil Conner, Mark Pfeifer, and Mike Redys for joining me at the Going the Distance for Autism fund raiser on April 2nd. Our display was a big hit with both kids and parents. I hope we generate some interest in our hobby and the club from the contacts we made.

Thank you to Robert Pacheco and Phil Conner for spearheading Scout-O-Rama display. That is awesome we made the local paper. I wish I could have been there, but I had already committed to attending the Ocala pattern contest, which BTW was a great event. I will give a verbal recap at the club meeting on the 21st.

Speaking of pattern, by the time you read this, our spring Pattern Clinic will be history and we will be looking at heading up to the DeFuniak Springs airport to support the Marvel of Flight open house. Please, if you can attend and bring an airplane, helicopter, or multi-rotor, please do so. I plan on being there.

Reminder. If you have not paid your 2016 dues, they are past due. You may not fly at the field until your dues are current. Also, if you have not renewed your AMA for 2016, you are NOT covered by AMA's liability insurance and may not fly – NO EXCEPTIONS

And, finally, we have the Beachcomber Pattern Classic on April 30th and May 1st. As of today, we have eleven pilots pre-registered. In addition, I received verbal commitments from several others, so I expect we will have at least 15 contestants, not counting those entering the pre-Sportsman class. I hope this trend of improved attendance continues and contest can be fun, competitive, and profitable for the host clubs.

As busy as we are, don't forget about our on-going building contest. Judging will take place at the November club meeting. You still have time to get one or more planes built, but don't delay. Time is marching along.

After this month, I'm looking forward to a Mellow May!

See you at the field.

Rob

Eglin Aero Modellers Regular Monthly Meeting 17 March 2016

By Ron Van Putte

The meeting was brought to order at 7:00 P.M. by the president, Rob Campbell, with 22 present.

The deaths of Bobby Franks and Greg Grigsby were announced. Donations of \$25 to the remembrance of each was approved.

The minutes of the February meeting were approved as published in the March BEAM

The treasury contains \$6562.78. The treasurer's report was accepted as presented.

Rob Campbell commented on the spring field cleanup.

Robert Pacheco reported on the 2-meter glider contest.

Paul Doman reported on the St. Valentine's Day Fun Fly.

Rob Campbell reported on action regarding the Air Force Materiel Command's letter regarding model aviation regulations.

The Pattern clinic was rescheduled for April 17th. Sunday, April 17th. Start time is 1200.

Phil Conner discussed plans for our participation in the Autism Festival on April 2nd.

Robert Pacheco discussed plans for our participation in the Scout-O-Rama on April 9th.

Phil Conner reported on plans for the Marvel of Flight event at the DeFuniak Springs Airport on April 23rd.

Robert Pacheco reported that at least one Boy Scout group would like to our flying field and fly and another group would like us to host a clinic on building airplanes.

Keith Stephens was recognized for his efforts on the club web site and getting the BEAM out this month for Rey Ruiz, who was in the middle of moving.

Model of the Month contributors were Chris Mikles (Eagle II), Ron Van Putte (Enigma) and Keith Stephens (Sterling Ringmaster Jr.). Keith won.

The SAD patch nominees were Mike Redys (F-15), Robert Pacheco (Apprentice) and Joe Shearer (Uproar). Mike Redys "won".

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The meeting adjourned at 8:06 P.M.

Ron Van Putte, secretary

Meeting Attendees

Rob Campbell	Phil Conner
Keith Stephens	Robert Pacheco
Exxon Reyes	Chris Mikles
Ruben Courvertier	Ray Seip
Ron Spaid	Roger Gilman
Paul Doman	Craig Deyerle
Mark Pfeiffer	Romeo Wright
Frank Perkins	Joe Shearer
Dick Campis	Ron Van Putte

Recognition Model-of-the-Month By Robert Pacheco



Keith Stephens won model of the month with his Sterling Ringmaster Jr.

April 3, 2016 Don Hollfelder Memorial Sunday Glider Social by Craig Deyerle

The NASCAR guys are turning left, going round and round at Martinsville, so this seems to be a good time to write up today's events. The weather was forecast as clear, temperatures in the low 60s going to 70, and the winds North, going to NE at 8 to 9 mph. Well, the sky was a beautiful blue, such that the San Diego Chargers would be jealous with their power blue uniforms. There was nary a cloud in sight. The temperature was spot on. The winds – not so much. Upon arrival at 0745 they were 12 to 18 from the NNW. We set the winch out to the North and by the time we were ready for practice launches it was blowing a bit harder. It would lull occasionally to 10, but I also saw 27 gusting above 30 on the club wind meter. This was the first outing for the new line on the winch and was going to be a severe test. Eight pilots came out to try their meddle.

Lance launched first with his Xplorer 2, 3.8 meter. The wind was blowing quite hard at altitude. Lance worked north, then east, followed a thermal south, and was able to get back to the landing zone. He maxed, but earned it working ridge lift off the trees to the south. Jerry Baxter worked north and east with his Xplorer 4.0 meter and also maxed. Robert Pacheco, and Jim Hartley, both flying Xplorers, also maxed, but I didn't see it. I had a dismal round. I was flying a new to me, but well used, Xplorer I, 3.5 meter. I had previously flown it on two short flights, both in practice this morning. I was still working out trim in the various modes, how much throw in the modes, etc. At least, that is the excuse I'm using. The bottom line is I can suck at flying with a

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really good machine just as much as I can with a mediocre machine.

In round 2, Lance did the same as the first round, with the same result! Jerry, Mark Owens flying a Maxa, and Jim also followed suit. Cody Powell was flying a Kevlar Vista built by Bob Halverson. I think it weighed less than 20 ounces before Lance put ballast in it. Cody flew into a thermal as he exited the line and just kept going up. I was real worried because I was in extreme danger of being soundly beaten by a Vista. My Xplorer would never live it down. I was saved when Cody had to drive away to go to work after the second round.

The thermals were there, but they were very tight and moved downwind at a copious rate of knots. The wind increased throughout the first three rounds. It was at the end of the third round that I noted the gusts above 30 mph. After that, the wind settled down to about 14 mph and the thermals broadened out a bit.

In the fourth round Lance, Jerry, Jim, and whooooooohooooo, I maxed. I found a stationary wave to the northeast over the 300 ft. tower and just went up and up. It was the first time in the day that I used the LIFT camber mode and the machine really jumps up in lift with some camber. I was lucky in that I had my worst launch of the day due to the depleted battery on the club winch.

Of the remaining seven fliers, five maxed in the fifth and last round. (It is possible there were six maxes in that round, as I'm missing Jim's score.) Everyone went to school on the ridge lift to the northeast and the times reflected it.

The new line worked great. We had one break on the retrieval line when a tangle occurred. We did run the battery down from

launching four rounds with all heavy aircraft. The final voltage was 11.8 and my charger said there was 36% capacity remaining. It just didn't have enough juice to launch properly on my launch in the fourth round, but I found the best lift of the day and it didn't matter. We flew the fifth round on Mark Owens' winch. Robert is going to buy another battery for the club winch so we can run the winch on one and the retriever on the other.

Mark also made three beautiful landing zone tapes for the club. They are gorgeous, easy to see, and should last for some time. Thank you Mark!

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Rounds 1 & 2.

Name	Aircraft	Round 1				Round 2			
		min	sec	land	score	min	sec	land	score
Lance Ropke	Xplorer 3.8 X2	7	1	35	454	6	55	70	485
Jerry Baxter	Xplorer 4.0 X1	7	7	20	433	7	1	80	499
Mark Owens	MAXA	5	42	35	377	7	8	55	467
Buddy Bradley	Xplorer 3.5 X1	3	30	0	210	5	56	0	356
Robert Pacheco	Xplorer 3.8 X2	7	14	0	406	2	49	0	169
Jim Hartley	Xplorer 3.5 X2 V	7	23	0	397	7	10	40	450
Craig Deyerle	Velvia	2	48	35	203	3	15	95	290
Cody Powell	Vista	2	19	55	194	6	55	0	415

Rounds 3 & 4.

Name	Aircraft	Round 3				Round 4			
		min	sec	land	score	min	sec	land	score
Lance Ropke	Xplorer 3.8 X2	7	2	55	473	7	4	0	416
Jerry Baxter	Xplorer 4.0 X1	7	3	0	417	7	1	45	464
Mark Owens	MAXA	5	6	70	376	3	45	0	225
Buddy Bradley	Xplorer 3.5 X1	7	10	50	460	1	56	0	116
Robert Pacheco	Xplorer 3.8 X2	2	18	0	138	3	46	0	226
Jim Hartley	Xplorer 3.5 X2 V	3	49	0	229	7	4	0	416
Craig Deyerle	Velvia	4	12	60	312	6	56	0	416
Cody Powell	Vista	DNF			0	DNF			0

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Rounds 5.

Name	Aircraft	Round 5				Total	Place	Flight Time (sec)
		min	sec	land	score			
Lance Ropke	Xplorer 3.8 X2	7	3	55	472	2300	1	2140
Jerry Baxter	Xplorer 4.0 X1	7	3	35	452	2265	2	2120
Mark Owens	MAXA	3	16	25	221	1666	4	1506
Buddy Bradley	Xplorer 3.5 X1	7	5	0	415	1557	6	1507
Robert Pacheco	Xplorer 3.8 X2	7	5	0	415	1354	7	1354
Jim Hartley	Xplorer 3.5 X2 V	6	56	0	416	1908	3	1868
Craig Deyerle	Velvia	7	0	0	420	1641	5	1451
Cody Powell	Vista				0	609	8	554

Building Contest: Getting started

a. One of the first decisions to make is what type of glues to use for your project. Two good articles are Terry Dunn's "Choosing the Right Glue", Model Aviation, Oct 13, pp 45-47. Terry gives a good overview of common glues and adhesives from CVAs to Canopy to Epoxy with a handy table and description of the basic types. See also John Reid's article "Keep It Together" in ModelAviationNews, Aug 15, pp 104-107. John describes the various products and how they are used. Pictures of the products are shown. John says, "Picking the correct glue just involves an understanding of what material each one works best with and how it forms the bond". When working with CAs, be sure to have debonder as well in case you glue your fingers together! See article.

b. For those of you who are choosing to enter a repair aircraft in the contest, here are two good articles about re-building. John Glezellis, "Tips for Light and Strong Aircraft Repairs", ModelAirplaneNews, pp 78-81 and Walt Wilson's article "Fix It – Don't "86" It", Model Aviation. Apr 12, pp 46-49. Some basic tips:

- After a crash, save as much of the aircraft as possible
- Lay out all the parts and assess what is broken, bent or missing and make list
- Strip covering off of damages areas and assess repairs needed
- For gas planes where oil has soaked parts, remove oily residue with K2r Spotlifter (See Wilson article)
- Replace firewall, wing, and fuselage parts/areas as needed.
- Recover, sand, paint, etc

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- Be careful not to add too much extra weight with repairs and re-check CG
- Keep in mind, if main structures are misaligned after repairs, your model won't look right and may not fly right
- See articles for details

c. Have fun and get started for Nov now.

Gene Barnes

Membership for Year 2016

To renew membership for 2016, you will need your new 2016 AMA card. Dues are \$40.00.

Late Renewals are now 50.00. (\$10.00 late penalty) and you may not fly at the club site until dues are paid.

Mail either your new 2016 AMA Card or a copy to:

Eglin Aero Modelers C/o
 Robert Pacheco
 43 Lake Point Dr
 Miramar Beach, FL 32550

OR make your renewals in person at Shalimar Hobbies (bring your 2016 AMA card).

Also, check or confirm your addresses, both postal and e-mail, and phone numbers when renewing. An EAM 2016 sticker will be attached to your AMA Card. If renewing by mail, be sure to indicate the address where the sticker will be mailed. A SASE will save the club \$\$.

Join or renew at a Meeting
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