

Flypaper



President
Vice-President
Secretary
Treasurer
Ed. Flypaper

Jeff Anderson
John Fischer
Julian Pugh
Bill Simmons
Joseph Bassett
jsphbassett@yahoo.com



AMA Charter 252

January
2007

New Board members announced- A general sense of bon homme prevails at Christmas Party. More pictures inside.



Editors's Report

Joseph Bassett



For those of you who do not already know me; my name is Joseph Bassett, and I am your new flypaper editor. I am currently 26 years old and find myself generally less enthusiastic about things as I've gotten older. So it surprised me that when I first flew an RC aircraft a little over a year ago it totally blew my socks off. I have been quite addicted ever since. Below is a picture of my living room. I love aviation. I love everything about it, and I especially am interested in fluid mechanics. The history of aviation interests me greatly also. So the FVAC is a first rate club right? I think so, and I think we should have a lot of participation in the club newsletter. So it would make my life a lot easier if someone would provide me with an article each month. It could be a review about a plane you are building, an aircraft that interests you, a historical topic- or whatever. I just don't want to put out a newsletter with no content. That being said, we are all busy making the kind of loot it takes to be in this hobby not to mention feed and clothe ourselves; so don't expect me to have this thing in print to the minute on time. I will try my best. Oh, on another note. I think we should still be able to have some sexy babes in the newsletter- I just think that the focus should be on the planes not the sex. That being said I'm a pretty (very!) chilled out guy and I think Rachael realizes that hot ladies with really basic personalities are not of any real interest to the the kind of deep thinkers that populate this club. So drop me an email and I hope to see you out at the flying field. I will personally try to contribute as much as I can.



President's Message

Jeff Anderson



Pass the duchy... I mean Spektrum DX7 radio...over here man.

Vice-President's Message

John Fischer

John asked me to publish this updated copy of the point structure for clarification. This has a few updates for 2007, some of which were discussed at the recent board meeting.

Fox Valley Aero Club Current Points Program Schedule

Each year an auction is held at the December meeting of various hobby items purchased by the club. Bidding on these items, by the members, is by points accumulated through club activities as follows:

- Each member shall receive 10 points for each regular scheduled meeting attended.
- Each new member joining Fox Valley Aero Club for the first time will receive 25 points. Family members will also receive 25 points for each family member joining.
- Each R/C pilot will receive 25 points for each advance in skill level, i.e. to Novice, Advanced, or Expert.
- Each member who sponsors a new member shall receive 25 points. It is the sponsoring member's responsibility to notify the President to receive the points.
- Each member bringing one or more completed models to a monthly meeting for Show-N-Tell will receive 15 points.
- Each member bringing one or more items other than completed models to a monthly meeting for Show-N-Tell will receive 15 points.
- Each member giving a presentation or demonstration at a monthly meeting will receive 25 points.
- Each member participating in any club activities such as air shows, contest, fun-fly, mall shows, etc. will receive 10 points.
- Each member participating in a R/C related activity will receive 10 points per activity provided it benefits or supports Fox Valley Aero Club. The participating member is responsible for notifying the President.
- Instructor Points
 - Each instructor shall receive 25 points for services rendered for the year.
 - Each Chief flight instructor shall receive 10 points for services rendered
 - Instructors shall receive 5 points each time they participate in flight instruction max 5 points per day
 - Each soloed student shall award 25 points to the instructor of their choice.
- Ground Crew Points
 - Each Ground Crew member shall receive 25 points for services rendered for the year.
 - The ground crew chief shall receive an additional 10 points for services rendered
 - Each ground crew member shall receive an additional 5 points each time they participate in prepping an aircraft max 5 points per day
- Each member shall receive 25 points for each month in which he writes one or more articles for the monthly club newsletter.
- Each member shall receive 10 points for each month in which he provides a picture(s) that is included in the monthly newsletter or posted on the web site.
- The City Relations Representative shall receive 25 points for services rendered for the year.
- The Membership Chairman shall receive 25 points for services rendered for the year.
- The Safety Chairman shall receive 25 points for services rendered for the year.
- The Newsletter Editor shall receive 25 points for services rendered for the year.
- The Web Site coordinator will receive 25 points for services rendered for the year.
- The Swap-Shop (Fund Raiser) chairman shall receive 25 points for services rendered. Assistant(s) may receive up to 25 point for assisting at the discretion of the Swap-Shop chairman with the approval of the president.
- The Raffle/Auction coordinator shall receive 25 points for services rendered.
- The Fun Fly chairman shall receive 25 points for services rendered. Assistant(s) may receive up to 25 point for assisting at the discretion of the Fun Fly chairman with the approval of the president.
- Each member shall receive 10 points for each day services rendered at FVAC AMA events. and may receive up to 25 point bonus for "EXTREME HELP"
- Points shall be given for all Fun-Fly and Beauty Contests per the following in each category, (Expert, Advanced, Novice, Beginner) 30 points for first place, 20 points for second place and 10 points for third place. A 10 point Pilot's Choice award may also be made at the discretion of the Fun Fly chairman.
- Each Fox Valley Aero Club Officer shall receive 25 points for services rendered.
- Each board member shall receive 5 points for each board meeting attended.
- The president and vice-president will award points at their discretion for special or unique activities such as, but not limited to, fieldwork, cleanups, or civic activities.

Points cannot be given or added to another member. If a member cannot be present at the December meeting he/she will be allowed to appoint a proxy to bid for them, providing that he/she has informed the President prior to the meeting. The President will be responsible for each member's individual point tabulation.

Notes From January Board Meeting

Board meetings may be reduced to every other month

Dues must be in by the February meeting

Toys for Tots needs more donations. Will reschedule donations--Please help/ by March?

Club field road issues

Changes to Point system

Preliminary Event scheduling. Needs confirmation on several dates

Cliff is grabbing the bull by the horn with a potential dense golf course type turf area by the runway. This sounds great- nice low grass with a big yellow Cub on it

Jason and Karl discussed the need for club members to self police if there are non members and especially non AMA pilots using the field. This is a real concern.

Christmas Party Images



Secretary's Report

Julian Pugh



Julian sent along some pictures from the mad dash to be the first in the air for 2007



Good job Jamie. This looks like an excellent opportunity to toss back a couple of cold ones.

Someone told me there was a midair shortly after this

If only this were football and if only Jamie was the Bears.



Treasurer's Report

Bill Simmons



Treasurers Report

I would bet that everyone that went to the Christmas party is still talking about it today. I saw a few people there that I haven't seen at the field all year. Hopefully this means we will be seeing them much more next year. Cheryl batted a home run with the selection of the venue and we already reserved it for next year. The Galle's scored some chocolate covered airplanes that went over very well with the attendees. Ken Voegle exceeded everyone's expectations with unusual games, great music, and portraits for those couples who attended. He even video taped the event for posterity. Everyone I talked to had a great time.

The generosity of Al's Hobby Shop was amazing. We got a three percent rebate for merchandise purchased at Al's by club members that we used for the points raffle. We matched the money from Al's with club money and were able to get over 60 great items to bid on. The ensuing auction for the prizes resulted in some people getting items for just a few points while later on smaller items were going for several hundred points. The people who participated in meetings and events really cleaned up on prizes this year. Hopefully those that did not participate in 2006 learned the value of getting involved and we will have a very successful 2007 season. Please thank Julian for tracking all of those points. That was a job I do not want.

Hobbytown USA donated two planes that just came out on the market. Everyone wanted to get their hands on these ARFs as most of us had not even seen them advertised yet. Our hobby shop supporters always go out of their way to support the club and we need to support them by visiting their stores and spending lots of money. Our wives will just need to understand that we are doing this for the good of mankind.

The swap meet is coming up late February so go thru your basement and gather your junk. We are taking donations for the club table which is where we make most of our money. Just bring your stuff to the next meeting or call one of the officers of the club to come get it. I will be selling most of my smaller airplanes as I am getting into larger stuff. I recently bought a P38 from Dominic that he bought from Bob Walker last year. I believe Bob bought from someone in Texas (the builder) a few years earlier. This plane just fits in my car. (it sticks out the tailgate two feet but I consider that fitting) It is beyond cool and I expect to fly it a lot next year. It has a 114" wingspan and is in mint condition. I now have two lightnings (one is a jet) so I am a very happy camper.

The elections came off with some changes in the Board. Everyone is welcome to board meetings. I would encourage anyone interested in running next year to check out at least one of our board meetings this year. When the votes were counted there was one notable vote against the officers of the club. Everyone is entitled to voice their opinion and I am glad that someone did. I would like to remind this person, as I and others have done several times last year that if you don't agree with the way the club is being run then run for office yourself so you can change things more to your liking. At least come to a board meeting and let us know what we can do to make the club better for you. Every year we have a hard time convincing people to step up to what is a very rewarding responsibility. Let 2008 be your year to come forward.

I believe the early Greeks and Romans had a basic understanding of the theory of flight. After all, it is well documented in ancient mythology that Icarus glued feathers to his body with wax, but when he flew too close to the sun the wax melted, and he plummeted to his death. (Now that's an excuse I have yet to hear at the flying field) The early Romans could not have been successful in model aviation though because they were missing one extremely important item in their mathematics. That item being the number zero.

By the time you are reading this you will have already started on the airplanes you got (at least you wanted) for Christmas. Before you toss a bottle of zap in the box and begin shaking why don't you take just a couple of minutes and put a little effort into that ARF project. After all, even the most basic of models is a pretty substantial investment, both in terms of time, and money. Spending a little time to get an airplane to fly properly will only offer rewards as opposed to self punishment.

Many times we will be relaxing at the field and we'll overhear a conversation between a few of the pattern fliers. During these conversations you'll hear something along the lines of my airplane is zero-zero-zero. For those of you who aren't aware, what they are saying is that they have set their airplanes up so there are zero degrees of down thrust in the motor. Zero degrees of incidence in the wing, and zero degrees of incidence in the horizontal stabilizer. I.E. zero-zero-zero.

It doesn't matter if you fly FAI pattern, IMAC, a sport airplane, or even a basic trainer. In model aviation the number zero is a goal you are seeking to achieve in the set-up of your airplane. Don't always trust the manufacture with having provided you with the perfect airplane. If you think I am mistaken in this comment, just check the Top Flight web site on the Staggerwing Beech. Once logged onto the initial site click onto the manual, and then the addendum. You'll read a paragraph on how to correct possible misdrilled alignment holes in the lower wing panels. A Robart (my favorite) incidence meter runs about \$35.00 and is an investment that all members should have in their tool cabinet. (I own three, if I'm setting up a biplane, I'll borrow a fourth) With the upcoming IMAC event to be held late summer 2007 there's been some members thinking along the lines of a semi-scale aerobatic airplane. These airplanes, just like a pattern airplane should be set up, at least initially, at zero-zero-zero. I'm well aware that experienced fliers will fine tune incidence and down thrust due to the layout of their respective airplanes. For instance, the position of the stab in relation to the wing. I'm not going to get into that. Those guys are way beyond the gist of this article.

It's not just FAI Pattern, or IMAC aircraft that are dependant on the number zero. The number zero is a magic number you as a modeler should always be in search of. Let's take my Stearman PT-17 biplane. That airplane has 1.5+ incidence in the horizontal stabilizer, 1.5+ in the lower wing, and 3.0- or down thrust in the motor. I shimed the top wing to 0+/- which is what most biplanes prefer, and guess what, the numbers add up to



the magic zero. Those of you who have seen my Stearman fly can attest. It's a great flying semi-scale model with no bad characteristics (read snap/stall/spin) Although not scale anything but ugly, the "Stick" series of models, i.e. Ultra Stick, Mini Stick, Sweet Stick, Giant Stick, there's been at least two dozen variations on the same theme, are all 0-0-0 airplanes. The SIG LT-40 comes from the factory with 4+ on the wing, and 4- on the engine. Geez, once again, even at the trainer level, it's that elusive, yet magic number, zero.

You guys that fly JR can move on, but for those who fly the Futaba 9CAP you have an option available you may want to consider, especially if you are going to send your TX in for routine maintenance, or you'd like to try your hands at 3-D flying. Switch-B comes from the factory as a two position switch. You can have this changed to a three position switch, with the associated programming installed at the factory service center for \$35.00. With the capacity to assign any function to any switch, you can then set all your flight controls to Switch-B for low rate, high rate, and 3-D rate. The turnover time seems to be about 2 weeks. There is also a shipping charge involved if you want Cindy to send your transmitter for you.

FOX VALLEY AERO CLUB PILOT PROFICIENCY CHECKLIST

Student Name: _____

All maneuvers in each level will be completed during one flight unless otherwise noted (**).
(All pilots are Beginner Level until SOLO)

BEGINNER SOLO LEVEL

(Yellow)

- ____ Unassisted takeoff. Completion Date: ___/___/___
- ____ 360 degree left and right turn. Instructor: _____
- ____ Controlled altitude flight.
- ____ Flight within the field boundaries.
- ____ 180 degree left and right turns while maintaining altitude.
- ____ Traffic pattern approach.
- ____ ** (3) unassisted takeoffs and landings in the same day.

Upon completion, pilot moves to Beginner Solo Level, is awarded 50 points and a Solo Certificate.

NOVICE COMPETITION LEVEL

(Green)

- ____ One inside loop. Completion Date: ___/___/___
- ____ One roll. Instructor: _____
- ____ Immelman turn.
- ____ Spin and recovery.
- ____ Flat Figure 8
- ____ Stall Turn.
- ____ Straight flight out, procedure turn, straight flight back.

Upon completion, pilot moves to Novice Competition Level and is awarded 25 points.

ADVANCED COMPETITION LEVEL

(Blue)

- ____ Touch-N-Go, Completion Date: ___/___/___
- ____ Spot Landing. Instructor: _____
- ____ Three rolls.
- ____ Three inside loops.
- ____ Three turn spin.
- ____ Cuban 8.
- ____ Reverse Cuban 8.

Upon completion, pilot moves to the Advanced Competition Level, is awarded 25 points

EXPERT COMPETITION LEVEL

(Red)

- ____ Four point roll. Completion Date: ___/___/___
- ____ Humpty Bump. Instructor: _____
- ____ Three outside loops.
- ____ Figure 'M'.
- ____ Double Immelman.
- ____ Slow roll.
- ____ Inverted flat figure 8

Upon completion, pilot moves to the Expert Competition Level and is awarded 25 points and is allowed to become a FVAC Flight Instructor pending certification by Chief flight Instructor.

FLIGHT INSTRUCTOR LEVEL

(Gold)

- ____ Buddy box set-up Completion Date: ___/___/___
- ____ Pre-flight inspection procedures
- ____ Frequency control / field rules Chief Flight Instructor _____
- ____ AMA safety rules

Safety Corner

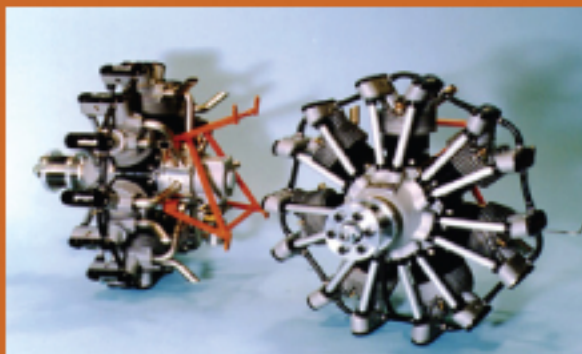
Karl Griesbaum



Karl has supplied me with his collection of pictures from 2006 So I will pick some samples and put them in sequentially. What a cool bunch of guys are in this club. You guys make me think getting older might not be so bad.



Reach for
robart



630-584-7616
www.robart.com



Telephone: 630-832-4908

P.O.Box 449, 121 Addison Ave., Elmhurst, IL 60126

We are one block west of York Road and two and one half blocks south of North Ave.
(Route 64) in the City Center of Elmhurst

Monday: 12:00 to 8:00 P.M.

Tuesday through Friday: 10:00 A.M. to 8:00 P.M.

Saturday: 9:00 A.M. to 5:30 P.M.

Sunday: 12:00 to 5:00 P.M.

HobbyTown USA
Toys for All Ages!

HobbyTown USA
2827 Aurora Ave
Naperville, IL 60540
630-778-0036

Main Street Commons
3627 East Main St.
St. Charles, IL 60174
630-587-1256

**VENTURE
HOBBIES**



An Adventure For Hobby Enthusiasts



23 Huntington Lane Wheeling, IL 60090

847-537-8669

THE FOX VALLEY AERO CLUB
ST. CHARLES IL.

RADIO CONTROL SWAP SHOP

SATURDAY, FEBRUARY 24, 2007
KANE COUNTY FAIR GROUNDS
ST. CHARLES IL.

ENTRANCE ON WEST SIDE OF RANDALL RD.

RADIO CONTROL AIRPLANES
HELICOPTERS, CARS AND BOATS
GLOW, GAS AND ELECTRICS

BUY, SELL AND TRADE

TABLE RENTAL : \$12.50 EACH PREPAID \$15.00 AT THE DOOR

TABLE SET UP AT 8:00 AM-9:00AM

ADMISSION AT 9:00 AM-2:00 PM

COST: \$5.00 ADULT (CHILDREN UNDER 12 FREE)

FOR TABLE RESERVATIONS AND INFORMATION

CONTACT STEVE BAKER 1-815-246-4227

OR E-MAIL JULIAN PUGH AT

JulianLPugh@gmail.com