

The Fliteline

Screaming Eagles R/C Club, Inc.

AMA Charter Club No. 298 – Est. 1970
P.O. Box 694 – Plainfield, Indiana 46168
Bob Groves, Editor 317-839-5219 - rgroves827@aol.com

Next Club Meeting

7:00 PM – Monday – March 3, 2008

Plainfield Public Library - 1120 Stafford Rd - Plainfield, IN 46168



www.screamingeagles.org

March 2008



From The President's Hanger

Mark "Crittter" Crittenden -
mcritt1@comcast.net

It's been a long winter. Not too much snow, but a continuous repeat of the cold and wind we had on New Years Day. But, good news is on the way! The average temperature increases about 11 degrees per month for the next two months! It should be 41 as I write this (only missed by 15 degrees!). But, by mid March it should be 53 degrees, and 64 degrees by mid April. Now is a great time to give your aircraft a good inspection, making sure the nuts and bolts are tight, the covering is in good shape, the motor is ready to run, and all those batteries are cycled, charged, and in good shape for the flying season. It's not far away!!

The Executive Committee met in February and decided on the 2008 event schedule. We will again have the Spring Clean-up Day, the 4th of July Picnic and Fly-in, and the Fall Fling Fly-in. In addition, we plan to stage a large static display somewhere in the vicinity of the field, participate in the Hobby Show and Swap Meet at the Fairgrounds, and show our aircraft at the Indianapolis Airshow at Mt. Comfort Airport. We will also continue our tradition of flying with the PREF residents on Tuesday evenings, and Tuesday night will be "Instruction Night" for new members/students.

Watch for the dates of each of these events in the newsletter, and come out to have some fun and support your club! There will be lots of opportunities to help, to fly, and to share our hobby with other interested, prospective new members! Critter

PS. Do you have something interesting to tell us, teach us, or show us at the Monthly Club Meeting? I'm still looking for a short program for the April and May meetings.

February Meeting

Show 'n Tell



Dick Dietz

The Inspire60 is an ARF by Fliton. The specification for my plane include the Hacker A50 motor, 8S 3850mAh LiPo battery, and Jeti ESC. Servos are Hitec 5245 metal gears.

More specs include.

Wingspan: 1,540 mm 60.62 inches

Length: 1,570 mm 61.81 inches

Flying Weight: 2,400 ~ 2,600 grams 84.65 oz

Main Wing Area: 46 sq dm²

This plane is just short enough to fit in the Saab with me

Editor's Note: Dick Dietz will make a presentation of the computer applications that he uses in model aviation at the **March Club Meeting**. These include CAD, Compufoil, and others. Please come to see these and other applications and bring information on the computer application that you use in your aviation modeling.



Bill Pence



Rod Collester

Both Bill and Rod's models shown above are SIG Four-Star 60 kits. Bill has a Saito 100 FS, while Rod's has an OS .91 FS for power. Rod is able to cut graphics, so he said to contact him if you need some graphics for your new model. RCollester@sbcglobal.net



Secretary's Report

Ron Richardson, Secretary
ronalderichardson@yahoo.com

Date: 2/4/08 Call to order: 7:00 PM

Secretary's Minutes: Read by Ron Richardson

Treasurer's Report: Read by Dick Dietz. Motion to accept by Jim Bailey, 2nd by JohnNyland. All in favor

Introduction of guests: Randy Schwersenska from the Johnson County Flyers

Membership Applications: None

Chairman's Reports:

PREF: Doug was not able to make the last two programs due to death of friend. The building program is the 2nd and 4th Thursday of the month and volunteers are needed.

March 2008 Issue

Events: None

Field: John Nyland ask for suggestions for spring clean up. The spring clean up date was set for April 19th with a rain date of April 26th.

Instruction: None **Safety:** None **Promotions:** None
Newsletter: None **Website:** None **Old Business:** None

New Business:

- Dick Dietz talked about the PREF Birthday Month Program.
- Co-sponsoring the Indy Hobby Show with the Indy Admirals was discussed.
- Randy Schwersenska from the Johnson County Flyers told the club about a senior pattern contest they are having July 26 -27.
- A certificate of appreciation was presented to Karl Strohm for the Bluegrass Clinic he gave for the PREF music program.
- Bill Pence was presented two certificates of appreciation for service in 2007.

Announcements: None

Raffle: \$34 was won by Dennis Anderson

Show and Tell:

- Dick Dietz showed his Filton Inspire 60.
- Bill Pence showed his 4 Star 60.
- Rod Collester showed his 4 Star 60.
- Bob Groves showed his guitar that was presented to him by the guys in the PREF music program.
- Bill Pence showed his Iraq DVDs

Adjournment: 8:07 PM



Field Chairman Report

By John Nyland
jnyland@indy.rr.com

Spring Clean-up Day...
April 19th rain date April 26th



Spring is approaching and toward the end of April, as always, is clean-up day at the field. Please send me an E-Mail with any projects, suggestions, or thoughts about what you would like to see done.

Listed below are some of things that should be worked on. As you can see, it is a fairly small list. I am also working with ideas on replacing the frequency board.

- Paint stripe the pavement
- Replace the rope on the flagpole



PREF Aviation Report

By Doug Fish
IMFISHY5@aol.com

program. Again if anyone is interested in helping with this program give me a call at home or my office



Doug Fish, Chairman - Aviation Programs



James Pate

The program has gone well with the exception of me missing a couple of weeks. The group pictured is the first group to finish and fly their Delta Darts. As you can see in the pictures, these guys are very proud and enjoy the time they get to spend on building the planes.



Abel Deleon - Doug Fish - James Pate - Roy Mijares



Tony Bickett and Doug Fish



Michael Ford, Bobby Calvert, Doug Fish

I had one tell me, He wanted to be sure he got his plane after he flew it and would give it to his family. The longest flight was about 10 seconds. And just to keep you up to date, I still have not built one. From the time I get there, until I leave they are full of questions about both the building program and the upcoming flying



Editor's Note: Mr. Fish is in charge of both the club's summer flying and winter building programs. A position he has performed for the past several years. Doug is a past-president of the Screaming Eagles R/C Club and currently serves as vice-president. Several resident constructed AMA Delta Dart rubber powered models adorn Ms. Helm's reception room wall.



PREF Music Program Report

By Bob Groves
rgroves@aol.com

Screaming Eagle R/C Club member, Carl Strohm provided a bluegrass clinic for more than 20 Residents and staff on January 26th. Mr. Strohm is a professional musician and part of the New Harvest Bluegrass Band.



Carl Strohm and Bob Groves

Mr. Strohm demonstrated the guitar, mandolin, and fiddle while performing several old standard bluegrass tunes. The two-hour clinic was well received by program participants and spectators alike.



Carl Strohm Bluegrass Clinic 1/26/2008

Lithium batteries are the preferred power sources for most electric modelers today. They offer high discharge rates and a high-energy storage/weight ratio. However, using them properly and charging them correctly is no trivial task. There are many things to consider before using lithium cells for e-flight. However, none is more important than safety.

Until you are willing to follow all safety precautions, DO NOT use lithium batteries. If your a type of person that prefers to push the limits of products, or be haphazard about following safety requirements. Lithium technology is not for you. Read on to find out why.

Lithium cells must be charged very differently than NiCad or NiMH. They require a special charger specifically designed to charge lithium cells. In general any charger that can charge lithium ion can charge lithium polymer, assuming that the cell count is correct. You must NEVER charge lithium cells with a NiCad or NiMH only battery charger. This is dangerous. Charging cells is the most hazardous part of using lithium batteries. EXTREME care must be taken when charging them. It is important to set your charger to the correct voltage or cell count. Failure to do this can cause the battery to spew violent flames. There have been many fires directly caused by lithium batteries. PLEASE BE RESPONSIBLE when charging lithium batteries.

Here are a few MANDATORY guidelines for charging/using LiPos (Lithium Polymer Batteries).

- 1. Use only a charger approved for lithium batteries.** The charger may be designed for Li-Ion or Li-Poly. Both batteries are charged in exactly the same. Some older cell phone chargers may charge the batteries .1 volt to low (4.1 vs. 4.2), but that will not harm the battery. However, inexpensive lithium chargers are widely available and the use of cell phone chargers is highly discouraged.
- 2. Make certain that the correct cell count is set on your charger.** Watch the charger very closely for the first few minutes to ensure that the correct cell count continues to be displayed. If you don't know how to do that, get a charger that you do know how or don't charge the batteries.
- 3. Use the Taps.** Before you charge a new Lithium pack, check the voltage of each cell individually. Then do this after every tenth cycle there after. This is absolutely critical in that an unbalanced pack can explode while charging even if the correct cell count is chosen. If the cells are not within 0.1 volts of each other then charge each cell individually to 4.2 volts so that they are all equal. If after every discharge the pack is unbalanced you have a faulty cell and that pack must be replaced. Taps are provided on most new lithium packs. Taps give you the ability to check individual cell voltages and charge one cell at a time. Make sure and get the appropriate connector to go into your taps. Don't try to stick you volt meter probes in the taps to measure voltage. They could slip and short your cells. Don't try to



Club Safety Officer Report

By Bill Pence
wpence@indy.rr.com

Charging/Safety IMPORTANT for lithium batteries

After doing a little research about lithium batteries this is some of the info I found. It sounds to me these batteries can be very dangerous, so if you chose to use them, use them with care!

charge more than one cell at a time from the taps. Unless you have an isolated ground charging system, you'll short your batteries out. Refer to your individual cell maker for tap pin-outs.

4. NEVER charge the batteries unattended. This is the number one reason for houses and cars being burned to a crisp by lithium fires.

5. Use a safe surface to charge your batteries on so that if they burst into flame no damage will occur. Vented fire safes, Pyrex dishes with sand in the bottom, fireplaces, plant pots, are all good options.

6. DO NOT CHARGE AT MORE THAN 1C unless specifically authorized by the pack vendor. I have personally had a fire in my home because of violating this rule. Today's highest discharge batteries can supposedly be safely charged at greater than 1C, however so far in all cases doing so shortens the life of the pack. Better to buy 3 packs than to try to charge 1 pack 3 times quickly. This may change in the future but as of winter 2005 1C is still the recommended charge rate.

7. DO NOT puncture the cell, ever. If a cell balloons quickly place it in a fire safe place, especially if you were charging it when it ballooned. After you have let the cell sit in the fire safe place for at least 2 hours. Discharge the cell/pack slowly. This can be done by wiring a flashlight bulb of appropriate voltage (higher is voltage is ok, lower voltage is no) up to your batteries connector type and attaching the bulb to the battery. Wait until the light is completely off, and then throw the battery away.

8. If you crash with your lithium cells they may be damaged such that they are shorted inside. The cells may look just fine. If you crash in ANY way carefully remove the battery pack from the aircraft and watch it carefully for at least the next 20 min. Several fires have been caused by damaged cells being thrown in the car and then the cells catch fire later and destroy the car completely.

9. Charge your batteries in an open ventilated area. If a battery does rupture or explode hazardous fumes and material will spew from the battery.

10. Keep a bucket of sand nearby when you are flying or charging batteries. This is a cost effective way to extinguish fires. This is very cheap and absolutely necessary.

11. It can happen to you, do not think to yourself that "it won't happen to me" as soon as you do that it you'll be trying to rescue your kids from your burning house or car. I'm very serious about this.



Treasurer's Report

Dick Dietz, Treasurer
ridietz@tds.net

Future Field Fund Report

Your Future Field Fund totals \$2,902.07

These funds have been deposited in a CD for security and to gain interest. Thanks to all the members that supported our 2005 campaign or have contributed in 2006 and 2007. You made this possible and successful.

Additional pledges are welcome and donations continue to be made to this fund. If you are interested in making a donation, send your check to me or bring it to a club meeting.

2008 Dues Schedule for New Members and Renewals

Full Club Membership		
Single	Family	Junior
\$75	\$100	\$30
Control Line Membership		
Single	Family	Junior
\$25	\$35	\$10

Make your check payable to the club and return it in the envelope that you got with your statement, bring it to a meeting, or mail to the above address.

Remember that you need a current Club and AMA membership to fly at PREF. This protects the Club and PREF in case of accidents.

Membership cards will be mailed after AMA membership is confirmed. Names of members that are current with the Club and AMA will be posted at the field.

Thanks to all fifty-four members who have renewed already! I look forward to hearing from the rest of you.



SCHEDULE OF EVENTS

By Andrew Clark
aclark@abcdigital.net

Indy Sportliners Annual Swap Meet - 3/01/08 - Greenfield, IN at the Hancock County Fairgrounds 4H Building, 620 N Apple St.. Open 9am - 1pm. Admission \$3 women and children under 12 free.

RC Swap Meet - 3/15/08 - Columbus, IN at the Bartholomew County 4-H Fair Grounds. For Info: www.jcrf.net. General admission \$3 under 12 free. Breakfast and lunch kitchen, 9am to 1pm

February 24

Monroe County RC Club Swap Meet
Monroe County Fairgrounds

March 1st

Indy Sportliners Swap Meet on Saturday, from 9am-1pm.
Hancock County 4H building, Greenfield, IN

March 8

Fort Wayne RC Model Hobby Swap Meet, 10am – 4pm
<http://www.cpishows.com/pdf%20files/marrc08.pdf>
Allen County Memorial Coliseum
Indiana 930 & Parnell Ave

March 15

Johnson County R/C Flyers Swap Meet
9:00 AM – 1:00 PM
Bartholomew County 4-H Fair grounds
Columbus, Indiana - South of Hwy 46 on Hwy 11
General admission \$3
Kids 12 and under free

March 29

Blacksheep IMAC school
Danville, IN

April 4-6

The Toledo Show
SeaGate Centre
401 Jefferson Avenue
Toledo, Ohio 43604
www.toledoshow.com

May 3rd

Steve Shoop's Annual Fly-In
Butterfly Hills
Nashville, In

May 17th

Indy Admirals Spring Fling R/C Sailboat Regatta
Avon Town Hall Lake
<http://www.indyadmirals.org/>

June 29

Warbird Fly In at Corsair Field

July 19th

3rd Annual Boyd Helstrom
Warbird Fly-in
Tracee Field
Johnson County Park

INTRODUCTION TO IMAC March 29th, 2008



LOCATION

Blacksheep Club Flying Field
(Heated club house on premise)
Danville, Indiana

Event Coordinator: Tim Landon

Home Phone: 317-858-1724

Cell Phone : 317-446-8207

tlandon@sbcglobal.net

www.blacksheepclub.org

Schedule of Events

- Classroom in the Morning
- IMAC Rules and Judging
- Reading and Understanding Aresti
- Planes: Setup
- What to expect Q&A period
- Lunch provided on site
\$5.00 fee to help with costs is appreciated

Flying

(Weather Permitting)

Demo Flights

- Mike McConville, Wayne Geffon, and others
- Airplane setup
- Programming Radios

For Those Interested in stepping up to 50cc gas airplanes Dawg House R/C will have multiple planes on site for Buddy Box demo flights

Information can also be found at www.mini-iac.com IMAC's official website



Classified Ads

For Sale

RAM 1000 Turbine

Electric Start – With all Updates
28 pounds of thrust

\$3,600 invested – sell for \$1,800

Like new, test ran, never flown

Larry Ross - 839-3407

- Rossanco@iquest.net

For Sale

New G-62 w/Pitts muffler - 3 1/2" spinner
\$450

JR 10X w/5-4131 - 90oz servos & 2- receivers
\$600 or TX only \$400 or servos \$25 each

KYOSHO Outrage 1/10th dune buggy
needs radio \$50

Great Planes Cherokee 40 framed up -few
small parts might be missing \$40

Scratch built **1909 Demoiselle** 39% scale
79in wing needs rec \$400

V/K Cherokee Babe kit \$50

2 Top Flite Taurus kits few small parts might
be missing \$100

2 - Futaba 6H Skysport helie radios w/rec
great for learning that first helie \$75 each

Also, have lots of hardware for sale - props -
spinners - engines and all kinds of Whistles &
Bells. What ya looking for? Zap me a e-mail or
see me at the field to see what's for sale.

Mika Woodward

mikaskyking@webtv.net

"No I'm not selling out just thinning out a bit".



For Sale
PICA Spitfire kit
65 inch wingspan
\$140.00

Frank Wise

271-2163 - fwise@indy.rr.com

For Sale – 5 Models



Pitts Challenger, never flown, Includes JR
XF631 channel 59, Zenoah G-62. Engine has
been started one time; turned over with no
problem. I was hoping to fly this one, I am
getting into electrics. Asking \$1500.00



T-28 needs radio and engine to fly. Best offer



Partially built **SIG quarter scale cub**. This
one came from a friend of mine's estate.
Asking \$100.00. The kit is all there, fuselage
is partially built along with a couple of other
pieces



Fokker DVII needs some TLC. Best offer on this one, not sure what it will take to get it flying.



SIG Patriot, almost done with motor, Motor is frozen, so it will need some TLC to get cranking, I am sure.

Jeff Woloshin 317-581-1633 -
jwoloshin@indy.rr.com

For Sale

I need to make some hangar space for some new aircraft so I am selling several of my IMAA Giant Scale planes. Air Flair **Sundancer 80** with an OS91 4 stroke, a **Senior Telemaster** with a Saito 91, and a Giant Scale Sport plane. I also have a Giant Scale Trainer hanging in Hobby RC. It is a "**Ryan's Rebel**". This is a stick type plane—it is new—never flown. It would fly well on a 120 4 stroke or a Zenoah G26 or G38. This would be a great everyday flyer for an IMAA size plane. If you are interested in getting into IMAA Giant scale give me a call—these are all good first time planes for getting into flying larger planes.

Ted Brindle 894-2311
iflyrc5@comcast.net

For Sale

If anyone out there is looking for some ready to go intermediate aerobats for next summer (at a budget price), maybe I have the planes for you. I am selling a ARF Hobbico Extra, 58in, Supertiger .60, with an older Futaba 6ch conquest system (FM, ch40). Plane, radio, and engine must go together, ready to go. I just ran the engine this summer and it runs fine. You can have it all for \$120. I have moved on to gassers, electrics, and helis. I am also selling a smaller 0.20 size pattern type ship, not sure what exactly it is, like a miniature Kaos. It doesn't have a radio but does come with an OS .20 engine that is like new. Has a little bit of minor hangar rash that would take about 1 evening to fix. Otherwise in very good shape. Yours for \$50. thanks,

Dan Davis, cell 317 410-5211
ddavis72@yahoo.com



JSM Genesis 3D Electric ARF
NIB for sale. \$90.00
Really nice little plane.
Exact same thing as the Horizon
Hobbies Prodigy

<http://www.horizonhobby.com/Products/Default.aspx?ProdID=FLNPRO0007>

Mike Bealmear 812-350-7793
bealmearm@comcast.net

For Sale



Laser 3D w/ Manual

OS 50 SX Ringed w/Manual

3 Tower High Torque Servos
3 Futaba Servos
Switch Harness, 4-40 Linkage, Pull-Pull
Rudder
58" Wing with 1006 Sq. inch wing area
5 ¾ Pounds
Add Receiver and Battery to fly
\$320.00

Vern 335-2049

For Sale



Morris the Knife, ARF

"The Knife" has a constant chord wing. This thick wing and large side fuse area makes it forgiving and helps the flier learn to hover and perform knife-edge while flying slow and close to the ground.

SPECS:

Wing Span46"
Wing Area690 sq"
Length44"
Weight4.5 lbs

Has OS 46FX engine
Futaba receiver, 5 Servos, Battery and switch
installed

This Plane is ready to fly on channel 50

\$260.00

Vern Doty, 317-335-2049

For Sale



**Brown & Sharpe 579-1,
6 Inch Micrometer Calipers.**

**Excellent condition with plastic case.
\$15 obo.**

Dick Dietz
ridietz@tds.net
539-6649

Editor's Note: To place an ad in the Fliteline, send information no later than the third Friday of each month. The ad will run one time unless you ask for it to be repeated the following month. Remember photos help sell items, but please send jpeg photos resized to 640 X 480 to minimize downloading times.

Bob Groves – 839-5219
Rgroves827@aol.com