



BCRC Flyer

Monthly Newsletter of AMA Chartered Club No. 4779

September 3, 2024



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Flight Leaders

President — Greg Emerick
Vice President — Rob Weismiller
Secretary — Mike Bealmear
Treasurer — John Vinson
Field Marshall — Mike Marthaler
Safety Coordinator — Mark Dudley
Public Relations — Ken Erickson
Webmaster — Colin Mowery
News Editor — Cynthia Scott
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Where We Meet

Weather permitting, you will find us **at the Jim Murray Flying Field**. The alternate site is the **Atterbury Bakalar Museum**. We start at 6:30 p.m. on the first Tuesday each month.

STAND BY FOR UPDATES: we will notify the membership Monday afternoon via Email and Facebook.

Fun Fly Was Fun!



Left to right: Rob Weismiller (and dog), Greg Emerick, Cynthia Scott, and Bryan Swank rest in the shade between activities.



Ken Erickson (center) explains the rules of engagement for the Fun Fly.

Hot day but not too breezy. The flying went well for seven contestants while watchers tried to stay in the shade. See more photos by Nick Firestone and Cynthia Scott on page two. And give a big "Thanks!" to Ken Erickson for organizing this event. Tell your Executive Committee if you want to do this again.

Fun Fly, continued



PVC stands were employed for the limbo and pool noodle trials.

Greg's bird approaches the Limbo.

Many tried but only one member (Greg Emerick) successfully flew under the **Limbo** line. Nobody with an airplane succeeded in hitting the upright Pool Noodle, although many came close.



Hit the Pool Noodle

If you can...

The **Bomb-Drop** (yarn and large washers) and the precision **Landing** tests were difficult to photograph. (Hard to see the colored lines marking the grass.) Three members attempted those challenges.

Ken Erickson's list of contestants and their scoring appears like this:

Name	Noodle	Limbo	Bomb	Landing
WILL EMERICK	0 0	0 0	10	15
GREG EMERICK	0 0	10 10		10
HENRY	0 0	0 0	20	
JOHN	0 0	0	X	
BENTLEY	0 0	X		
ROB	0 0	0 0		
PHILIP	0 10	10 10		

Note that **three junior members** tested their skills in this event: Will Emerick, Henry Erickson, and Bentley Weismiller. Glad to see you there, guys!

Other notes: During one of Greg's flights he bumped a PVC pipe and had to make on-the-spot repairs to the nose of his aircraft. Philip Foiles tested his drone after each contest segment to see what it could do, but he was not a true contestant for scoring.

Light Weight Aeromaster Build, Part Three

Progress Report by **Bryan Swank**.

For me, wing construction is always a challenge. It is hard to keep them perfectly straight—and with models, any small discrepancy can have a big impact on flight characteristics. Also, the Aeromaster wings are unusually thin, which adds to the difficulty.

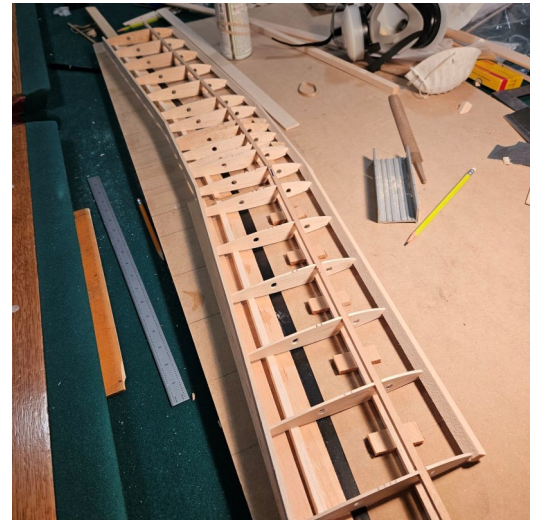
Typically, I build wings using a fixture with aluminum arrows that go through the two holes in the ribs; they provide great alignment. But the Aeromaster wings are swept, which means using arrows is not an option. I had to use a traditional **flat building board**. After a lot of sorting and inspecting I finally found a perfectly straight board at Menards and then placed it on my pool table which is obviously very flat.

On the building board, I drew the wing spar and rib locations, then glued blocks to the board to hold the lower spar flat and in position. I next placed a strip of wood under the rear of the ribs so they were all supported at the same height. The **squared-up ribs were glued to the spars**. Now the trailing edge could be glued to the ribs. After applying the top [balsa] sheeting, I flipped the wing over to apply sheeting to the bottom side.

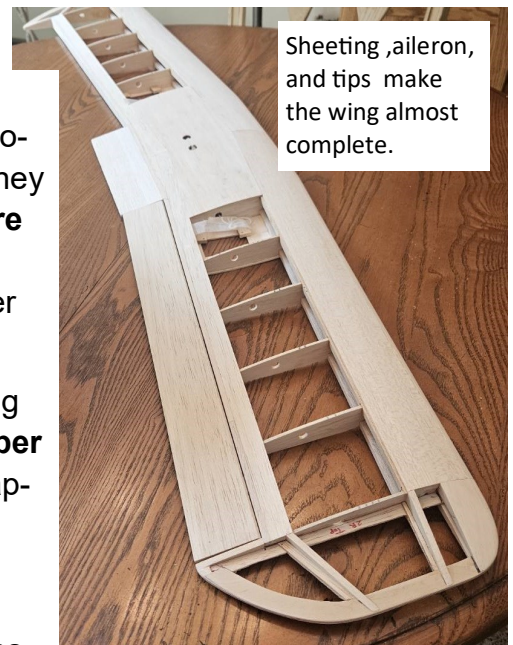
Sheeting requires hours of sanding and trial fitting before being glued in place. On the bigger pieces, I use a **combination of super glue and 5-minute epoxy** because there is not enough time to apply just glue to all the areas before it sets up. I always find this a nerve-racking step because if you get it just a little out of place, it can be a major tear up to fix. Another challenge is minimizing the amount of super glue that gets on the external surfaces and edges since it is really hard to sand.

Creating and fitting the **ailerons** involves a lot of tedious sanding, measuring and checking. I had only one that required straightening with a twist because of slightly warped wood. I did this by soaking the concave side so that it would expand and then held it in position while blowing warm air with a hair dryer. The process is more of an art than a science and usually requires a few tries to get it right. Proper matching alignment at each end was the goal.

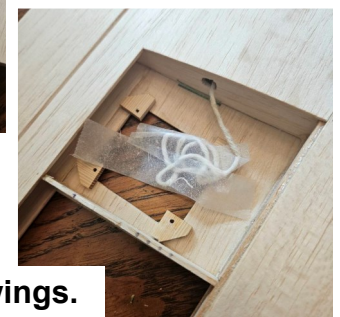
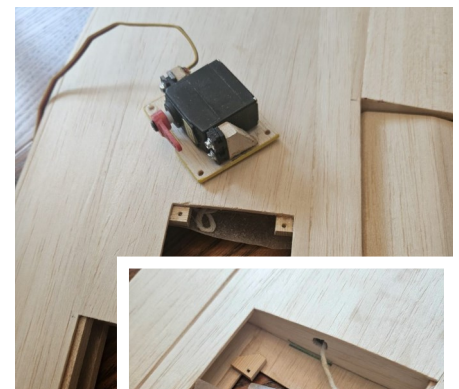
To save weight, I mounted the servos to the sheeting instead of building a structure within the wing. I remembered to include string for pulling servo wires through the ribs after the rest of the sheeting



Using a flat “build board” to layout the wing.



Sheeting ,aileron, and tips make the wing almost complete.



“A lot of folks avoid building biplanes because you have to build two wings. As I get close to finishing the second wing, I understand the feeling.”

Jim Murray Field Dedication

By Mike Bealmear

On Thursday, August 8th, the club held the dedication of Jim Murray Flying Field. The event was well-attended by club members and family, as well as Heather Siesel and other representatives of the Bartholomew County Solid Waste Management District. Also in attendance were Mark Webber, a reporter from *The Republic* newspaper, as well as a photographer from the paper. [Ed: the story published on August 14, front page.]



A very special guest was Shelby Murray, Jim's daughter. Shelby was so pleased to be included, and you could tell how much it meant to her to be there with us to celebrate her dad. I was also pleased to see Russ Kuhn's widow Leslie attend. Guests enjoyed the flying demos by Brian Taylor, John Vinson and Gary Waters. I'm hoping we'll see some photos of those flights in the paper.

A big thanks to Gary Waters for buddy boxing Shelby Murray. She really enjoyed doing that and had a blast. Apparently, she and her dad had taken flying lessons (1 to 1 scale) together a few years back, so she does have the flying bug. Shelby has asked to be notified of future events at the field and hopes to attend.

Thanks again, Jim, for being a huge part of making our field a reality.



The Republic had a two page spread about Jim Murray's work in landfill management and the dedication event, .

Mike provided this photo of Gary and Shelby, and the group shot. His picture also appeared in the newspaper.



Club Business

Prepare for the September Meeting: Read these Minutes



Minutes from the August 6, 2024 Meeting

These minutes composed by President Greg Emerick. The meeting convened at the Jim Murray flying field. Sixteen members attended.

- Pledge of Allegiance
- Motion to accept last month's meeting minutes approved.

Officer Reports

- (Greg Emerick) **President** — Opened discussion of two major purchases: the Shade Pavilion (\$2,500) pending final IDEM approval, and a new mower in two years (\$6,000). The consensus by members present was that we are not quite ready to handle both of these expenses and the priority should be on the mower.
- (Rob Weismiller) **Vice President** — The IMAC contest typically brings in about \$400-\$500 in registration fees. A motion to direct the registration fees to the club treasury passed. A separate Cheer Fund donation would be made based on free-will offerings at the event.
- (John Vinson) **Treasurer** — we are solvent.
- (Mike Bealmear) **Secretary** — Called for approval of the recent By-Laws edits; the motion passed. Reported latest details concerning the Jim Murray Field dedication planned for August 8, at 2:30 p.m.
- (Colin Mowery) **Webmaster** — Proposed that we save up to \$500/year on web server fees by switching over to a free club Facebook page. For awareness only, we are researching this as a cost saving measure. *Bryan Swank knows of a cheaper web service and will share that with Colin. Cynthia also uses a cheaper web service option.*
- (Mike Marthaler) **Field Marshall** — Will call a work session in October to fill low spots in the runway. Mole traps are in use but can be removed if interfering with flight ops; John can show anyone how to re-set the trap if needed.
- (Ken Erickson) **Public Relations & Intro Pilot Program coordinator** — Training nights are Thursdays at 6:00 p.m.
- (Mark Dudley) **Safety Coordinator** — no safety issues to report.

Events

- (Ken Erickson) The **Fun-Fly** for club members on August 3 went well. Will Emerick won the spot landing contest and Greg Emerick won the Limbo. Henry Erickson won the bomb drop.
- (Rob Weismiller) announced the date for the BCRC **IMAC Challenge** will be September 20-22nd.
- (Mike Bealmear) For the **Joe Grube Fly-In** on October 6, members voted to spend \$250 on a raffle prize to be either an airplane or an engine. (Motion by Rob Weismiller, seconded by Greg Emerick.) If the event is cancelled for weather, the item can be raffled at the annual club banquet.

Old Business, Past action items:

- (Mike Bealmear) **Shade pavilion project update.** We have approval from BCSWMD to pursue this if the club chooses to move forward. The Board, in turn, must get final approval from IDEM; this is in progress. Two styles are available: a Lean-to and a carport style (like what we have now). \$2,500 would get us a 12 x 20 x 8-foot shade pavilion, installed. [See notes in the President's report; voting on this has been tabled.]
- (John Vinson) presented a plan to paint the **Porta-Potties**. The colors and labeling could be pink/Amelia (Earhart) and blue/Chuck (Yeager). Decision is tabled until the Field Marshall can review and approve.
- (Mike Marthaler) connect with Dave Carothers to see if we can get a sign made up with the latest **AMA Safety Code** for posting at the field bulletin board.
- Dave Carothers has produced a **2nd plaque on the memorial**. The names include: Tom Hartman, Jim Sachleben, Dan Patton, and Russ Kuhn.

New Business

- (Greg Emerick) The majority of the executive committee has aligned on a proposal to **combine the secretary and treasurer roles**. The club by-laws allow the Ex Comm to decide if this should be one or two separate positions. Combining these reduces hand-offs and increases the efficiency of the team. Motion to accept this move passed.
- (John Vinson) Condition of the **GEOTEX runway has deteriorated**. He reports that most of the members at the meeting do not use it. The condition of the GEOTEX has become bad and it is being overtaken with weeds. The club cannot afford to replace it. It would take a lot of effort to clear the weeds and patch it. Is it worthwhile to the club to keep this and who is willing to maintain it? If nobody is willing to maintain it, the club will vote soon on whether to remove it and re-purpose this area as a grass runway. **If you use the GEOTEX runway and keeping it is important to you, please send an email to Greg Emerick and Mike Marthaler to make your desires known.**
- EAA Youth Program is on Mondays and Wednesdays, 4-6 p.m. at the airport. Check it out!
- A good volunteer opportunity is to help the Cheer Fund (beyond donations) by offering your time to deliver presents.



A souvenir image from the 2018 Joe Grube Fly-in.

A souvenir from the 2013 Cheer Fund Fly-in.





September Winners



August raffle prize winners, left to right: Dave Lynch, Henry Erickson, Gary Waters, Dave Carothers, Bob Cundiff, and Greg Emerick.

Wanted: New Raffle Manager

You may have heard that Ken Erickson wants to step down from his Raffle Prize management position. We should thank him for his work and realize we may have been taking him for granted.

Raffles are viewed as an extra enticement to attend meetings and as a way to pick up some airplane building supplies, parts, and sometimes even an entire plane.

Editor input: Although currently maintained as its own self-perpetuating fund, the raffle pot of money could also evolve to a treasury building benefit.



Ken loves our hobby and has volunteered in many ways to help us keep it alive. Thank You, Ken!

Who Wants to Accept Raffle Donations?

- Storing them until needed
- Deciding what to offer
- Disposing of unpopular items

Who Can Handle the Admin Details?

- Purchasing new items and managing funds
- Keeping track of inventory and winners
- Reporting details to the newsletter editor

Could These Be Two Jobs? Consider sharing the effort.

Want to volunteer? Tell your Executive Committee members.



As of late August, John Vinson is temporarily storing these raffle items in his garage.

September 6-7, 2024

BARNSTORMERS OVER CHAMPAIGN

Any Type Any Size
All Welcome!

Pilot's Landing fee, \$30
50/50 Drawings each day
Dry camping
Overnight plane storage
Charging stations
AMA sanction #15962



3616 West Bloomington Rd.
Champaign, Illinois
CD - Dan Irwin
(217) 417-0198
daniel363@ameritech.net
Pilot Drawing and Prizes!

More Information Here
www.ccrcc.club/Barnstormers




**Decisions, Decisions:
Where to Fly?**



Guess what the Editor favors...



Wanted: **Good Home full of Love.**
Orphaned feline seeking warm lap, kind hands, and cozy corner.

I give company & comfort.

Soft Fuzzy

Purr-fect Love

Adopt a Shelter Pet

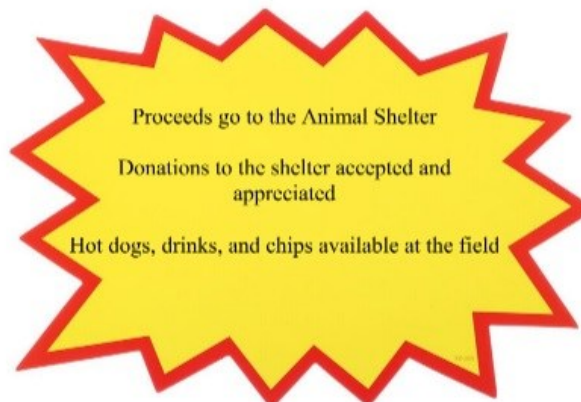
ANIMAL RESCUE
ADOPT A SHELTER PET
FIRST DAY OF ISSUE
APRIL 30, 2010
NORTH HOLLYWOOD, CA 91605



Southern Indiana Flying Eagles Fly in

Benefits Jackson County Animal Shelter

Saturday September 7, 2024
10:00 AM to 4:00 PM



Freeman Field, Seymour, Indiana

Any type & size aircraft welcome - Donation is Your Landing Fee
Highway 50 West to Airport Road (Freeman Field). Follow the signs.

Donations Needed

- Cash
- Purina dog, cat, puppy and kitten food; dog treats & biscuits
- Paper towels, bleach, detergent, garbage bags (black & white) toys, clay cat litter - non clumping

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