



BCRC Flyer

Monthly Newsletter of AMA Chartered Club No. 4779

April 1, 2024



Flying from Trucks: A 1980s Adventure

Mike Marthaler shares a story he heard from Mike Walker about a group of Indiana RC modelers who wanted to fly a longer distance than they could at their home field. They decided to fly from Shelbyville to Greenwood, a distance of 25-30 miles.

The flight involved two or three pickup trucks with flyers in the bed of each truck. Eight or ten planes attempted the journey. The plan included a stop in a Boggstown field for refueling. Only one plane did not have to refuel: Mike Walker's Cub had three 16-ounce fuel tanks. He practiced touch-and-go landings there while waiting for the others to refuel.

The entire flight took only one hour. Amazingly, everybody completed it with no mishaps. Jimmy Arthur's airplane even flew most of the distance while inverted. Some of the other participant names Mike Walker remembered were Mike Talbert, Jerry Nugent, and Brian Taylor.



Your Editor was inspired to create this cartoon, all the while wondering if such an adventure could happen today. Aren't there traffic laws or FAA rules prohibiting such a thing? Was the trip done on back county farm roads?

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How The Story Was Discovered

Mike Marthaler bought and refurbished Mike Walker's Cub several years ago. He bought it without an engine, servos, or receiver. He then installed Futaba servos, Futaba receivers, and dual batteries. He converted a 31 cc weedwhacker engine to power the plane. Not until later, after crashing it and having to rebuild again, did he learn about the cross-country flight story from Mike Walker.

See photos of the Cub before restoration on page 4.



Club Business

More minutes, next page.

Regular Club Meetings

BCRCF meets on the first Tuesday each month at *El Nopal* Mexican restaurant on National Road. Business starts at 6:30, but arrive by 6:00 if you want to have dinner and some social time.



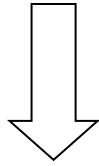
Flight Leaders

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

Treasury Report Details

Bank Balance 1/21	3,098.18
2/1 : Marthaler, ZT battery	-49.21
2/7-22: 8 Dues Pymts	400.00
New Balance 2/22	\$3,448.97

Have a story? A fond flying memory? Your newsletter editor can help you shape it into an interesting piece for the next edition. Email: cynsinterests@gmail.com



Prepare for the April Meeting:
Read the Minutes



Minutes from the March 5, 2024 Meeting

New member Philip Foiles was introduced and welcomed to the club. His son Samuel is an AMA Youth Member.

Treasury and Membership

Club Treasurer John Vinson says the club is solvent. [See sidebar.] Club Secretary Mike Bealmear reported that we have 38 paid members and 7 youth on the roster. That total includes the 4 members who paid their club dues that evening. He reminded membership that, according to club bylaws, club dues are due to be paid no later than the February club meeting, and that it was being discussed by the Excom to move the deadline to the March meeting and adding a late fee (like we used to have).

Field Marshall report by Mike Marthaler: The field is still wet, but people have been flying. Repair work is being done to the mower, and replacement of the floor of the club trailer will commence soon. Mowing will begin as soon as the field dries up and mower repairs are done, which depends on getting the trailer repairs complete as well.

Public relations: Regarding the AMA Club Recognition and Reward Program, we want to remember to document any media exposure that we may receive in order to take advantage of this program. Mike Bealmear stated that he will reach out and attempt to get a story about the Jim Murray Flying Field sign unveiling with BCSWMD and family in attendance.

Coming Up:

Indoor flying March 10th and 24th at St. Peters. Last scheduled for this spring.

BCSWMD Earth Day event Friday April 26th. The club will be participating as in the past.

Ken's fun-fly (literally just to have fun) will be late May or early June. Ken discussed some of the events scheduled. This will be for club members.

Joe Grube Fly-In event in committee and planning with Rob Weismiller, chair.

IMAC event being organized by Rob Weismiller. Date set for September 20th - 22nd. Event will be the club's fundraiser for the Cheer Fund.

Possible club picnics discussed. Seemed to be received favorably.

Old Business:

1. **Jim Murray Flying Field sign** will be completed soon. Unveiling ceremony will include BCSWD and Jim's daughter.
2. An additional **Plaque for the Club Memorial** being arranged by Dave Carothers. Adding names: Russ Kuhn, Jim Sachleben and Dan Patton. Also, the addition of Charter Member (C) is to be added to Joe Foyst's information.
3. Mike Bealmear showed the **Profile .40 F4F Wildcat donated** by Russ Kuhn for the club to use as a fundraiser to benefit the club. Price will be determined with the help of a few club members and promoted soon.
4. Mike Bealmear and Rob Weismiller investigating the **addition of a shelter near the flight line**. Nothing new to report.
5. Colin investigating making **new flight stands** with the assistance of a welding instructor at Hauser High School. No updates

New Business:

1. Colin is working on mowing sign-up via the **club's website**. Also for the website, Colin has requested information from club officer's for the new Officers Page. Please get this submitted soon club officers.
2. Compliments to Cynthia Scott on the new **club newsletter**. Much appreciated. Please help her out with content. She welcomes feedback and ideas.
3. Mike Marthaler is proposing a **club swap meet** again. Likely this fall at the BC Fairgrounds. He will chair this.
4. Proposed club **bylaws change** allowing youth members over 18 to be given a gate key. This will be further discussed and voted on at the next club meeting.

Meeting adjourned at approximately 8PM.



March Meeting Winners

Information from Ken Erickson

Ticket sales on March 5 added **\$97** to the club raffle fund.

There were six newly purchased items and three donated items up for grabs. Seven ticket holders went home with goodies: Mike Bealmear (1), Dave Carothers (1), Matt Finney (2), Philip Foiles (1), John Hudak (1), and Dave Lynch (3) who gave his winnings to Mike Bealmear.



Mike Bealmear with Sukhoi SU-35 (Russian Fighter) for indoor Flying.



Matt Finney with BSI Insta-Cure and Gap Filling CA.



Philip Foiles with Foam-Safe CA, BSI Super Gold gap filler.



Dave Carothers with Volantex RC BF-(Messerschmitt) 109.

Remembering Russ Kuhn

Obituary excerpts from *The Republic* :

Russell W. Kuhn, of Seymour, formerly of Columbus, died peacefully at home November 23, 2023, with his wife by his side...Russ will be interred at Barrancas National Cemetery in Pensacola, Florida. ..The family requests that memorial contributions be made to the Navy-Marine Corps Relief Society or Schneck Hospice in Seymour.

Russ was a radio control airplane builder and flyer for 53 years. **He was a charter member of the Bartholomew County Radio Control Flyers**, a member of the Seymour Flying Eagles and a longtime member of AMA. Russ was also an ultralight pilot...

A memorial service for Russ will be held at the Barkes-Weaver & Glick Funeral Home, 1029 Washington Street, Columbus, on **April 17** at two o'clock.



Russ, at a Freeze Fly?

A Russ Kuhn Airplane

Russ donated this Profile .40 F4F Wildcat for the club to use as a fundraiser. Watch your email for more details.



The Mike Walker Cub Before Restoration

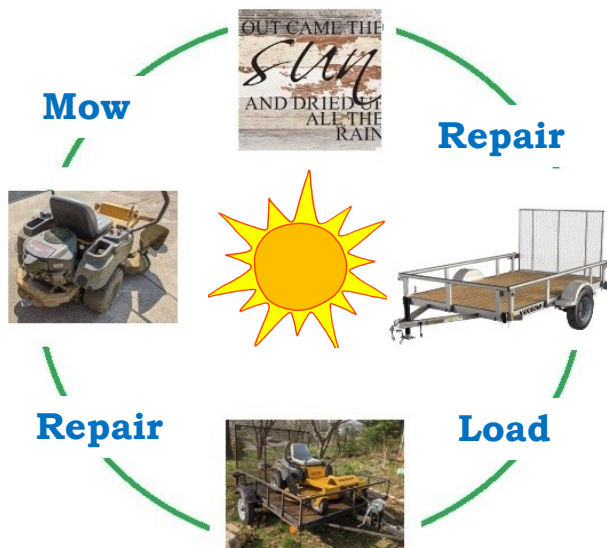
By Mike Marthaler



Field Report

Repair work is being done to the mower, and replacement of the floor of the club trailer will commence soon. Mowing will begin as soon as the field dries up and mower repairs are done, which depends on getting the trailer repairs complete as well. *[Editor: Sounds like each task depends upon the progress of another.]*

Let the Sunshine Come!



Coming Events

If you go to one of these, tell the Editor how it was. Share your story.

- * **April 8**, Eclipse!, Fly Outside the Sun. Johnson County RC Flyers. Class C. Old Hospital Rd, Franklin, IN 46131. Contact James Clear.
- * **April 13-15**, Jim Richmond Open, Indoor Free Flight at West Baden Springs. <https://www.indoorffsupply.com/event-registrations/2024-jim-richmond-open-west-baden>
- * **April 20** at 9 a.m., Phil's Hobby Shop Swap and Sale, Fort Wayne. *Ed. Note: Their Facebook page says other vendors are welcome; they had 75 last year.*
- * **April 26**, 8 am to 3 pm, Earth Day at the Bartholomew Recycling Center. We can show kids how to make egg carton airplanes.
- * **April 26-28**, Pylon Racing School, Class A. Can-Am Pylon Society. 5161 E Memorial Dr, Muncie. Contact Tom Melsheimer.
- * **May 24-26**, Memorial Weekend Impromptu Fun Fly at the AMA Site #3 in Muncie. <https://www.modelaircraft.org/events/memorial-day-impromptu-fun-fly-3>
- * **May 25** (Sat.) Electric Fly-in/Swap hosted by Midwest Sundowners, Wheeler. <https://www.sundownersrc.com/>

Control Line History

This information comes from the Control Line/Academy of Model Aeronautics. <https://www.modelaircraft.org/control-line>

Control line aeromodeling, which allows a modeler to have direct physical control of their model airplane, was first documented in 1937 when Oba St Clair used bell-cranks to fly the first Control Line model, the Miss Shirley. The first control line events were Stunt (Aerobatic) and Speed, but these were soon followed by Racing, Combat, and Navy Carrier. Control Line was officially recognized as a formal event at the National Model Airplane Championships (Nats) in 1942. In the United States, Control Line aeromodeling reached its peak in popularity during the 1950s and 1960s, although it is still the most popular form of aeromodeling in the rest of the world.

Vintage Equipment: Simple Yet Functional

You may have seen these antiques when Tom Hartman brought them for "show and tell" at club meetings.



Tom Hartman's 2-line reel, etched with his name and 35-ft line length.



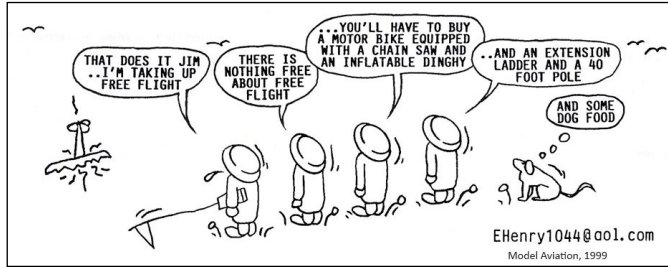
A plastic 3-Line reel with bell crank, "Sturdi-Built" by J. Roberts, made in Idaho.



Bell crank upright plane unit, "Sturdi-Built" in original box.

Nostalgia Corner

Treasures from old modeling magazines.



EHenry1044@aol.com
Model Aviation, 1999

From *Model Aviation*, 1999: "The Microhenrys".

Article from *Popular Mechanic*, October 1935:

NEW Streamline Plane Model

Only fifteen parts are required for constructing this miniature Crusader



By DONALD W. CLARK

ONE of the most highly streamlined designs among the new airplanes is the four-place, twin-engined, low-wing cabin monoplane known as the "Crusader." This plane, according to the manufacturer, can take off in eight seconds, has a high speed of more than 200 m.p.h., can fly nearly 150 m.p.h. with one engine, and lands at 55 m.p.h.

The cabin resembles closely the body design of the modern streamline automobile and is just as roomy and comfortable. It is about 4 ft. wide and seats four people with ease. Entrance is made through a door on the right side.

The scale of our model in comparison with the full-sized airplane is $\frac{3}{8}$ in. equals 1 ft., like the majority of models previously described in this series. Fifteen simple units are required, and these are assembled

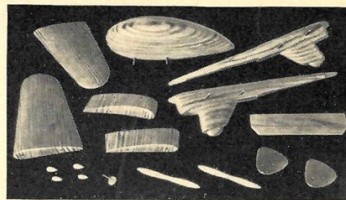
easily with eight metal pins and four common pins. The only cement or glue needed is to hold the four hood caps in place.

To make the wings, cut the blank large enough to take in both the right and the left wing, and shape completely while in one piece. Cut in two and then, from each half, saw out a $\frac{1}{2}$ -in. section as shown on the wing drawing. The removal of this portion of the wing allows the engine nacelle to be set in without changing the taper of the wing.

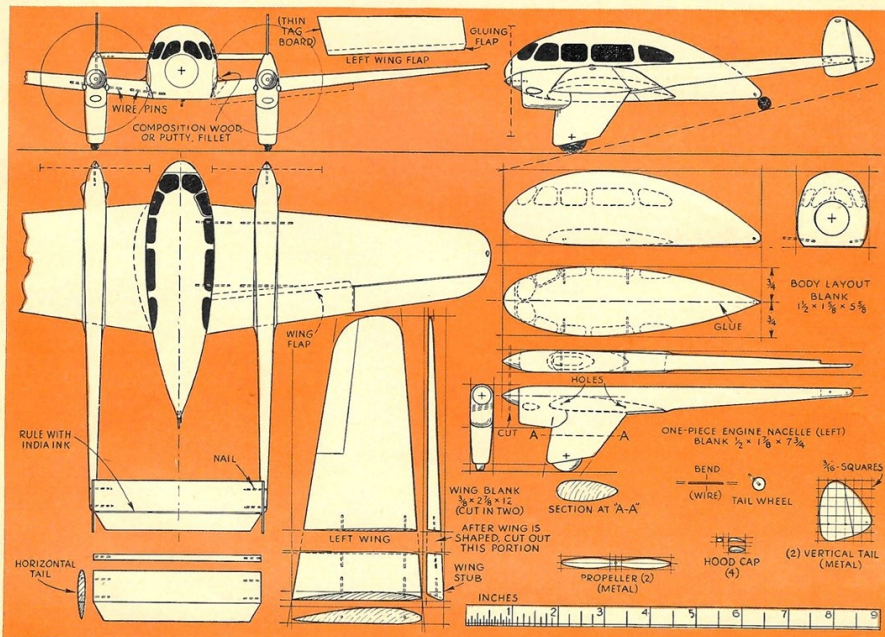
Each of the engine nacelles is designed to be shaped in one piece, but the wheels can be made separately and glued on, if desired. After the tapered

nose has been shaped, the cone at the end forming the propeller hub should be cut off carefully. Before cutting it, however, drill a small hole to take a common pin for mounting the propeller.

As a preliminary (Continued on page 83)



The complete set of shaped parts used in building the Crusader model. The drawings and scale appear below



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POPULAR SCIENCE MONTHLY

The Philatelic Hangar,

by C. Scott



First aircraft on a U.S. stamp, 1912.



24c Curtis-Jenny, 1918, called the "fast plane" because printing misalignment caused airplane to "fly" into the border.

STREAMLINE MODEL

(Continued from page 64)



Setting one of the engine nacelles in place

to painting the assembled model, mark the location of windows, ailerons, and other details with a hard pencil. The indentations will show through the paint. An attractive color scheme is obtained by painting the body, nacelles, and vertical tails light green; the wings and horizontal tail yellow; and the windows and tires black.



The tail units are held securely with pins

OCTOBER, 1935

Please

Bartholomew County Solid Waste Management District



Bartholomew Co. residents only. No businesses or out of county residents.

AMNESTY for HARD to DISPOSE of WASTES 8-3

Refrigerant-containing Appliances - up to 2 at no cost
Propane Tanks - up to 2 gas grill tanks at no cost
Tires - up to 4 personal vehicle tires, rims removed, at no cost

TVs & Monitors \$20 each.

EDUCATIONAL DISPLAYS

8:30-1 BCPL Express - bring a book to swap or donate
8-3 BCRC Fliers, Sans Souci, & City of Columbus DPW will provide informational booths.

MULCH/COMPOST LOADING 8-12

Bartholomew Co. residents get a pick-up truck load
of mulch or compost for FREE!

CHILDREN'S ACTIVITIES 8-3

Create a REUSE craft with the Purdue Extension 4H Educator!

DOCUMENT SHREDDING 9-11

Residential quantities of documents accepted for secure shredding.

PLANT SWAP 8-3

Bartholomew Co. residents can bring plants to swap.
Master Gardeners and Blazing Stars CISMA will have advice and garden tips!
As well, BCPL Cleo Seed Share will be on hand!

TREE GIVEAWAY 8-3

Toyota Material Handling is committed to give back to our local eco-system.
Norway Spruce & Persimmon trees will be given away to encourage the
planting and support of our local habitat maintenance.

Friday, April 26, 2024

8 AM - 3 PM

Columbus/Bartholomew Recycling Center

720 S. Mapleton Street, Columbus, IN 47201 www.bcswmd.com

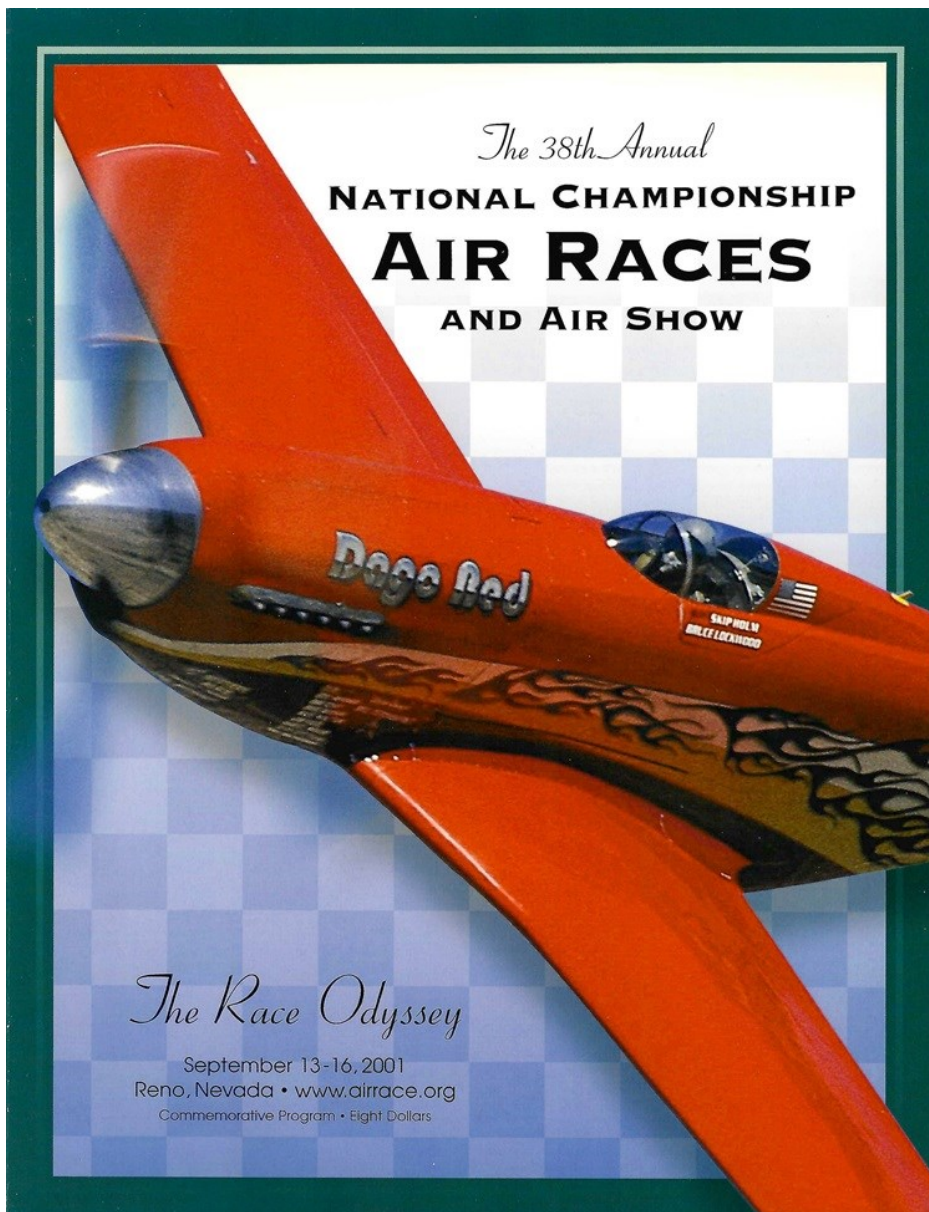
**Event
Sponsored By:**



Air Races in Indiana

Upcoming Air Shows (8 events)

Date(s)	Event	Location
Apr 13	Purdue Aviation Days 2024	West Lafayette
May 26	Indianapolis 500 Flyover 2024	Indianapolis
Jun 1-2	Terre Haute Air Show 2024	Terre Haute
Jul 13	Americas Freedom Fest 2024	Goshen
Aug 17-18	Gary Air Show 2024	Gary
Aug 31	Fly/In Cruise/In 2024	Marion
Sep 28	Madison Air Show 2024	Madison
Oct 26-27	Indianapolis Crossroads Air Show 2024	Greenfield



Special Offering for the April Raffle

Win this pristine program book, a full color 116-page souvenir of the 38th Reno Air Races and Air Show held in 2001.

In addition to the usual racing class information, it features an article about fourteen astronauts in the Apollo Space Program, 1963-1972.

Check out five pages with terrific photos of biplanes and their pilots! Have you seen models of these planes?

Six other pages feature Formula One airplanes— great inspiration for even more scale models.