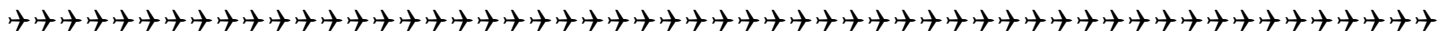




Squadron News July 2023

An AMA Gold Club

Blacksheep Club NMAD Saturday August 12th 10am to 2pm

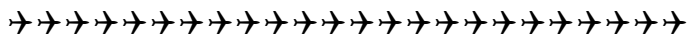


Newsletter Editor.

Hello everyone, I'm John Lawyer and I am the newsletter editor. I will admit I am terrible with names, so if I get your name wrong in the newsletter I apologize beforehand. If I get other facts wrong, I apologize. If you send me an email or hand me a note on any corrections, I will be glad to get it into the next newsletter. Besides, that will help me to take up space in the newsletter also. ☺ You can contact me at jlawyer41@att.net or 765-918-7229

I will always be happy to take input from anyone for the newsletter.

P.S. Pictures of your latest bird or project are always welcome



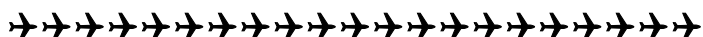
Upcoming Club Events

September 6 - Blacksheep club meeting at the field, 7:30 pm

October 4 - Blacksheep club meeting at the field, 6:30 pm.

October 14 - 16th Annual Blacksheep Warbird Fly In, AMA sanction 14842

November 1 - Blacksheep monthly club meeting at the field, 6:30 pm



Events Next Week / Weekend...

September 9 — Johnson Cty RC Never Forget Flyin

September 16 — IRCM All Electric Fun Fly and Swap meet at Morristown

Events Next Week / Weekend...

SKYMAC Warbird Alley, Sep 8-10, Bowling Green, KY
- www.indyrcsouth.org/forum/index.php/topic,3266.0.html

LMAC Fall Classic, Sep 8-10, Lexington, KY
- www.indyrcsouth.org/forum/index.php/topic,3268.0.html

Never Forget Fly-In, Johnson Co RC Flyers, Sat 9/9 @ 9am, Edinburgh, IN
- www.indyrcsouth.org/forum/index.php/topic,3129.0.html

Fly-In & Swap Meet, Galveston R/C, Sat 9/9 @ 9am, Galveston, IN
- www.indyrcsouth.org/forum/index.php/topic,3265.0.html

Ticket Fun Fly, Tipton Co RC, Sat 9/9 @ 11am, Tipton, IN
- www.indyrcsouth.org/forum/index.php/topic,3299.0.html

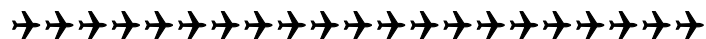
2023 Balsa Flyers, Sep 9-10, AMA Site #4, Muncie, IN
- www.indyrcsouth.org/forum/index.php/topic,3303.0.html

Ticket Fly #3, Indy RC South, Sun 9/10 @ 2pm, Whiteland, IN
- www.indyrcsouth.org/forum/index.php/topic,3296.0.html

New / Updated Events...

Midwest Sundowners, Big Bird day & Swap Meet, Sat 9/16 @ 9am, Wheeler, IN

- www.indyrcsouth.org/forum/index.php/topic,3304.0.html



August Meeting Minutes

From Paul Wycoff

Blacksheep RC Modelers

Rege opened the meeting with 19 members present. Our NMAD day is scheduled for August 12. All members are urged to attend and bring friends and neighbors. Bill Clontz has once again volunteered to provide lunch. Rege has arranged for a fly over by Biplanes at the beginning of the event. Members are encouraged to drop flyers for the event at businesses near them. There will be an article in the local paper. Don Schmedake will be dropping candy for the kids. We will prepare the grounds for the event on Friday morning, August 11.

Rick Gilmore gave the Treasurer's Report and Paul Wycoff reported that we currently have 108 members. New members are James Alfrey, Rob Quantz, Mitchell Funk, Mike Randall and John Ramey.

Rege announced the Morristown club will have its "Toys for Tots" event on August 19 and encouraged members to attend.

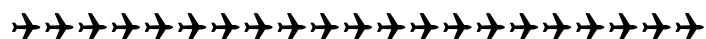
Rege also announced that the Hendricks County Park Department has requested that we schedule a Float Fly In at Gibbs Memorial Park on October 21, 2023.

Our annual Warbird Fly In is scheduled for October 14.

Blacksheep RC Modelers has received FRIA (FAA Recognized Identification Area) acceptance for our field so members will not be required to have ID modules on their planes.

The email address for the Blacksheep RC Modelers has changed to Blacksheep302@gmail.com.

Paul Wycoff
Secretary



Message from the President.

August President's Message:

I hope everyone had a chance to enjoy the recent fall like weather. Saturday the 2nd of September, just got back from the field, temps are up as are the dew points. However, field is in great shape, nice to get out

here. Really liking the Flex RV 8, it has become the everyday plane.

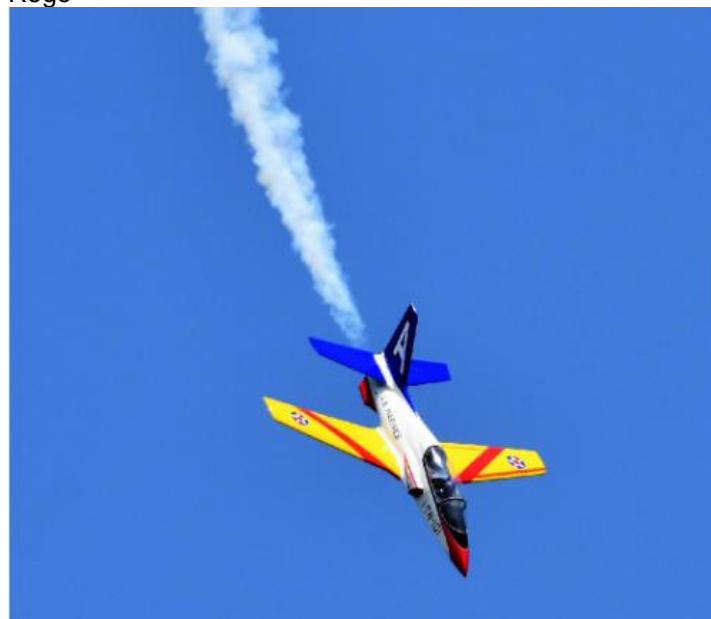
Thanks to all to helped make our annual National Model Aviation Day (NMAD) a success. We chose to support Hoosiers Veteran Assistance Foundation again this year. We had a great day despite the early morning rain. It looks like we are just a small bit short of \$7K to send to HVAF.

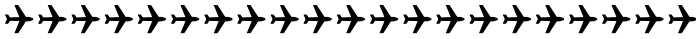
For those who were not able to attend the IRCM Toys for Tots fly in at Morristown the Saturday after ours, really nice weather and great bunch of guys ever there. John K, Kyle and I flew turbines and Mike Ramey had several planes there.

Our next big event is our 16th annual Warbird Fly In, this year it is Warbirds and Classics, so get your planes ready. Good weather on order for the event on 14-October. We tentatively have a fall float fly in at Gibbs Memeorial Park on 28-October. This is up in the air due to the FAA September mandate for model ID's. We will try to get a one-day temporary FRIA, however FAA is not accepting them yet. Some of us may have remote ID's by then, we will see, should know by the October meeting.

As I write this, it is Labor Day weekend and the heat is back. Hope to see you at the field, if not enjoy the long weekend. Wednesday night is meeting, looks like flying weather!

Rege







16TH ANNUAL Warbird FLY IN SATURDAY 14-OCT-2023

- Corsair Field / Danville, IN
- Warbirds and Classics of all vintages and sizes
- Pilots & Directors Choice awards
- Pilots drawing and open raffles
- \$15 landing fee includes one lunch ticket

AMA Sanctioned event # 14842
Lunch: burgers, hotdogs, chips and drink
Additional lunch tickets are \$5 each
700 ft x 80 ft grass runway
Rain date is Sunday 15-Oct-23




RELAXING FUN-FLY FOR ALL!



2023

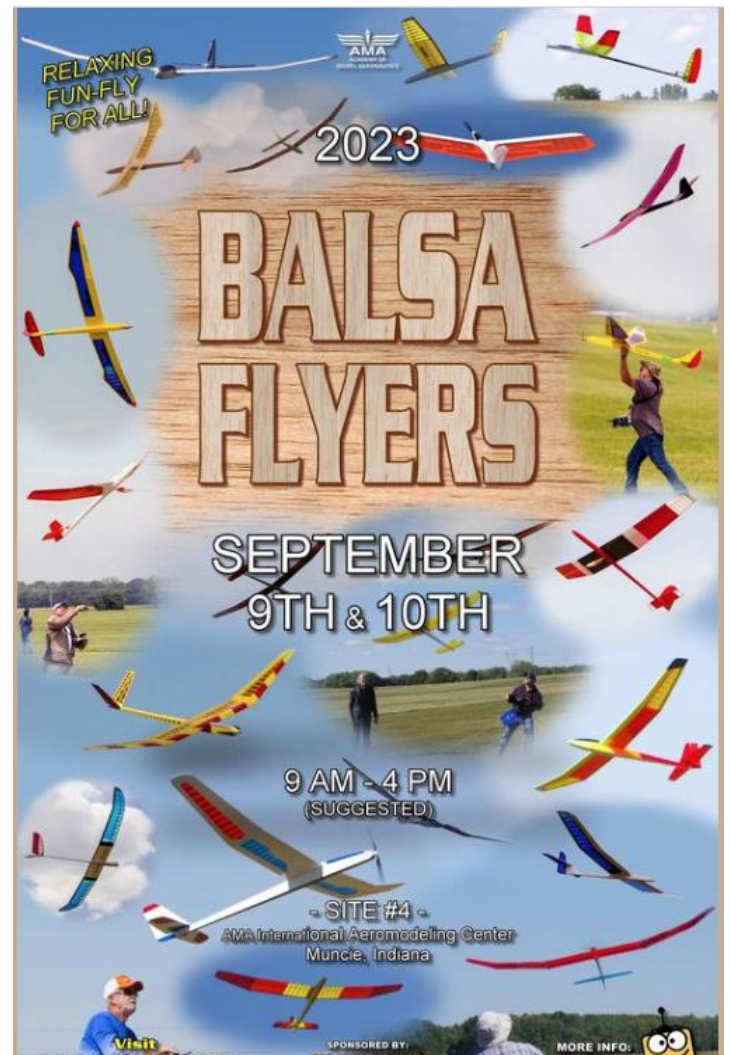
BALSA FLYERS

SEPTEMBER 9TH & 10TH

9 AM - 4 PM (SUGGESTED)

- SITE #4 -
AMA International Aeromodeling Center
Muncie, Indiana

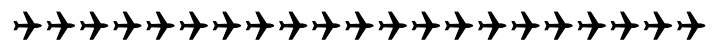
SPONSORED BY:  MORE INFO: 



We are a GO for this year's BALSA FLYERS weekend at the AMA in Muncie, Indiana! Balsa Flyers is a relaxed fun fly "Dedicated to those that build and fly wood R/C Sailplanes." Come join us on September 9 & 10, 2023. Official hours are 9 AM to 4 PM. This is an AMA sanctioned event. Balsa Flyers is not a competition, its thermal sniffing, balsa craftsmanship, learning, and camaraderie. Details about the event below. This is FREE event to attend, and we encourage pilots of all skill levels to attend. AMA Membership is required. Check in with the event CD upon arrival. You can learn far more about the great RC soaring hobby by doing, rather than internet surfing. Questions? Let us know. More information, and a printable PDF flyer at www.BalsaFlyers.com

- The intent of his event is fun and open flying. If you can find a thermal that won't quit and a lounge chair to go with it, enjoy!
- This event is open to all skill levels. It is not a competition event. If someone wants to set up a

- This event was started as Wood Crafters many years ago by Ray Hayes. Ray loved the event and hoped it would continue after his passing in 2019. "Woodys Forever" was Ray's motto.



Making Strong Wood Splices from Model Airplane News

Gerry Yarrish

Featured News, How-tos



I was sitting under a shade tent at a giant-scale fun fly recently when someone asked me where I got the longer-than-standard-size materials I use to build my big airplanes. I didn't know what the fellow meant. He told me that his local hobby shop carried only 36-inch lengths of balsa and spruce, and that 48-inch-long sticks were available only by special order. I said that I regularly splice my stringers and spars and think nothing of it. "But how do you do it safely?" he asked.

These tips show some common construction techniques and how wood splicing should be done.

Strong Splices

When you want to turn two pieces of wood into one, you can't simply glue them together. Some cutting and fitting is necessary so that the splice will bear as much stress as the original wood pieces. To accomplish this, you have to increase the gluing area for the splice by cutting the two mating surfaces in a diagonal line.

The weakest, least supported joint you can make is a simple butt joint. Gluing two pieces of wood together end to end provides very little surface area for the glue. Overlapping the two pieces is a much stronger way to join them, but if you want to use the part as a stringer or a spar, the overlap isn't practical because the pieces are not attached in a straight line. A diagonal splice keeps both pieces in alignment. As a general rule, I make the length of a splice at least six times the thickness of the material being glued together—roughly 3 inches across for a 1/2-inch-square spar.

To make the two pieces match precisely, I first tack-glue the two parts on top of each other with a few drops of thick CA while making sure the edges of each stick are flush. I then draw a straight diagonal line at the ends to be joined (see photos). I use my band saw to make the cut, and I make certain it is square to the top edge. I then sand the cut surfaces (still glued together) smooth with a belt sander. When the two parts are separated, the two angled surfaces match perfectly.

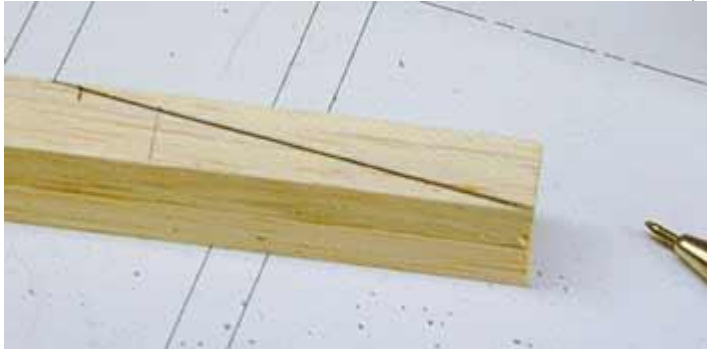
To keep the two pieces aligned when I glue them together, I use a simple, wooden alignment jig. The jig is made with a flat base and two guide pieces (rails) glued on top that form a space between them that's the same as the thickness of the pieces being glued together. For the jig shown here, I used pieces cut from an old yardstick to act as rails. I also use a piece of Great Planes' Plans Protector material to prevent the parts from being glued to the jig when the adhesive oozes out of the joint.

To form the glue joint, I place one piece in the jig and spray it with a light mist of kicker. I then apply CA to the second piece and slide it into the jig and up against the first piece. After the glue has set, I use a sanding block to sand the face of the joint smooth. I then turn the part over and sand the opposite face smooth as well. That's it. No magic—just a very strong joint.

1 Start by tack-gluing the two pieces to be spliced together with CA and kicker. Use just a couple of drops of glue.



2 On the ends of the pieces, draw a diagonal line that's about six times as long as the pieces are thick.



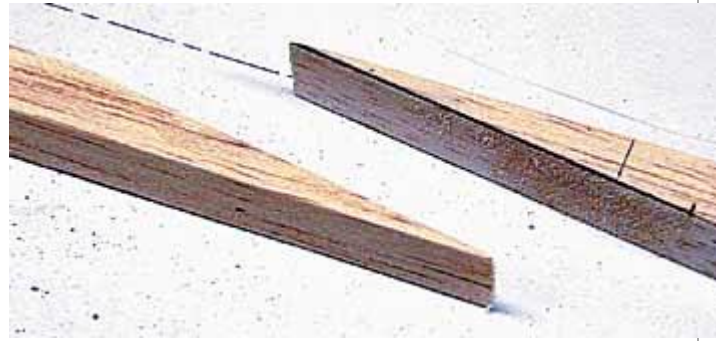
3 Cut the diagonal splice with a band saw, and make sure the cut is square to the top edge.



4 Sand the cut edges smooth with a belt sander.



5 Here, the two longerons are ready to be glued together.



6 I use this simple jig to keep the pieces in alignment while the glue dries.



7 The finished splice.



8 For additional strength, I positioned the splice against the plywood side sheeting.

