

Squadron
News
April
2023

Danville, IN AMA #3032

An AMA Gold Club

May 6th Spring Fling Avon Town Hall Park

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 ilenter you can contact me at ilenter you can contact me

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

May 3 - Blacksheep monthly club meeting at the field, 7:30 pm

May 6 - 15th Avon Parks Spring Fling. Click <u>here</u> for event flyer.

May 20 - Hendricks County Parks Touch A Truck event at W.S. Gibbs Memorial Park.

June 7 - Blacksheep monthly club meeting at the field, 7:30 nm

May 20 — IRCM EDF Flyin/Fun Fly

ナナナナナナナナナナナナナナナナナナナナナナ New / Updated Event Postings...

Memorial Day Impromptu Fun Fly, May 26-29, AMA Natlonal Site, Muncie, IN

- www.indyrcsouth.org/forum/index.php/topic,3211.0.html

Balsa 250 Fly-In, May 27-29, AMA National Site, Muncie, IN - www.indyrcsouth.org/forum/index.php/topic,3212.0.html

1st Annual RC Combat, Sat 5/27 @ ???, Wheeler, IN - www.indyrcsouth.org/forum/index.php/topic,3213.0.html

Vintage Fly (pre '87), Ft. Wayne Flying Circuits, Sat 5/27 @ 9am, Ft. Wayne, IN

- www.indyrcsouth.org/forum/index.php/topic,3214.0.html

Flea Market & Swap Meet, Winamac Aero-modelers, Sat 6/3 @ ???, Winamac, IN

- www.indyrcsouth.org/forum/index.php/topic,3215.0.html

Griffith Barnstormers Open House, Sun 6/4 @ 10am, Griffith. IN

- www.indyrcsouth.org/forum/index.php/topic,3217.0.html

EDF Jet Jam, Rosewood, RC Flyers, Jun 8-10, Rosewood, IN - www.indyrcsouth.org/forum/index.php/topic,3218.0.html

Madison Co Dawn Patrol, Madison Co RC, Jun 9-10, Elwood, IN

- www.indyrcsouth.org/forum/index.php/topic,3219.0.html

Warbird Fly-In, Evansville RC, Sat 6/10 @ ???, Evansville, IN - www.indyrcsouth.org/forum/index.php/topic,3220.0.html

Bob Hartwig Memorial RC Old Time Contest, Jun 14-15, Ft. Wayne, IN

- www.indyrcsouth.org/forum/index.php/topic,3221.0.html

Mint Julep Scale Meet, Rosewood RC Flyers, Jun 16-18, Rosewood, IN

- www.indyrcsouth.org/forum/index.php/topic,3222.0.html

2nd Annual Electric Fly, Midwest Sundowners, Sat 6/17 @ ???, Wheeler, IN

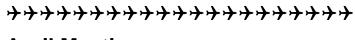
- www.indyrcsouth.org/forum/index.php/topic,3223.0.html

Jets Over the Heartland, Winimac Aero-modelers, Jun 17-25, Winimac, IN

- www.indyrcsouth.org/forum/index.php/topic,3224.0.html

Plainfield Pattern, Screaming Eagles RC Club, Jun 24-25, Plainfield, IN

- www.indyrcsouth.org/forum/index.php/topic,3225.0.html



April Meeting From Paul Wycoff

Blacksheep RC Modelers

Meeting Minutes April 2023

Rege Hall opened the meeting at 7:00 PM with 13 members present. He mentioned that the Spring Fling at Avon Park is coming up on May 6 and that we are sanctioned by the AMA for that event as well as the NMAD which will occur on August 12. He reminded everyone that we have committed to attend the Hendricks County Touch a Truck event at the W.S. Gibbs Memorial Park on May 20. He informed us that he has applied to the AMA for a FAA-Recognized Identification Area (FRIA) for our club.

Paul Wycoff reported that we received our Gold Club Certificate for 2023. There are currently 87 members in the club.

Warren Estep reported that the mower has been serviced by Brian Paris and is ready to start mowing. The roof on one of the sheds is badly in need of replacement. John Louden has shingles which he is donating to the club and will bring them to the club next weekend. Warren is still looking for materials to repair both sheds.

There was a reminder that there will be Swap Meet and Indoor Fly at the Center Grove HS this Saturday, April 8.

The FAA has implemented a rule that unmanned aircraft must have the ability to broadcast an ID on September 15, 2023. John Louden played a video made by Tim McKay which explained the FRIA rules and the 3 ways to avoid having to put an ID module on your plane. The 3 ways are as follows:

 Fly in a FRIA (we have applied for our club to be recognized as one)

- 2. Fly a plane weighing under 250 grams
- 3. Fly indoors

It is doubtful that the FAA will be ready to enforce the rule on September 15, so it is anticipated that the FAA will change the date or decide to not enforce the rule until a later date.

Rege indicated that he has been approached by a member to schedule more events for the club. He asked if there were desires by other members to add events or leave them as is. The members present felt that there was no need to add events.

The meeting closed at 8:00 PM.

ナナナナナナナナナナナナナナナナナナナナ Message from the President.

April's Presidents Message:

Fellow Blacksheep - Welcome to May, hopefully days for flying will become numerous. The field is in good shape despite the wet weather which has most likely one reason for the nice grass. WM provided an application in the last week or so, no dandelions on the runway and the grounds crew have mowed and rolled several times.

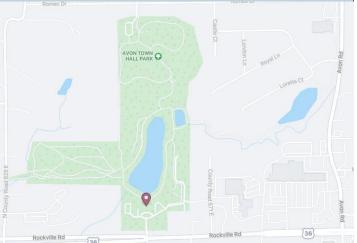
May is a busy month, meeting this Wednesday, followed by the Avon Parks Spring Fling on Saturday. Get your float planes ready. We will talk more about event details at the meeting. Basically, the event is 10 am till 3 pm. If you want to park down by the lake you will need to have your vehicle there prior to 10 am and plan on staying until 3 pm. Last year we were all able to leave a little earlier, depends on the weather. I also am planning on a couple guys having generators available to charge batteries. Not sure about lunch, Scott Black may have an update for us in that regards. We could order pizza and have delivered?

We also have been requested to display at Gibbs Memorial Park for an event hosted by the Hedricks County Parks on Saturday the 20th. We may be able to fly small electric aircraft there, I am working with Indianapolis Airport Authority to coordinate flying. Also, on the 20th is EDF jet day at Indianapolis RC Flyers at Morristown.

See you at the meeting Wednesday evening. Rege





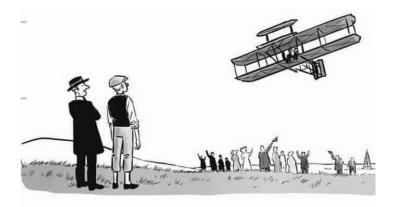




- Fun, <u>all-EDF jet airplane</u> event, open to all AMA EDF pilots Fly off a 420' x 30' Geotex runway at one of the areas safest flying sites
- Single \$15 flying pilot entry fee gets:
 - Open event EDF flying participation
 - 3 Tickets towards drawings for Prize EDF Jet models / kits o Optional participation in easy, "on-the-fly" fun events
- o Eligibility for any of the 5 award trophies to be given away Lunch tickets available for \$5 as desired (purchased by 11:00)
- Non-flying visitors / non-registered pilots are free come and watch!
- Great Prize Jets open to all! \$2 per prize ticket, 12 for \$20
 Gates Open at 9:00AM, Event runs to 2:30PM then drawings/awards
- Generators available for charging as needed (no power on-site)
- Rain date / weather date is May 21st
- AMA Sanction #14000 CD: Jeff Thomas jatjetsvc@gmail.com 317-412-5514

Caution: Road Construction Rerouting Needed; Delays Possible – See Below Informatio. See alternate routes around the IN 9 and US 52 Intersection which is de S 575 E Blue River Rd W 1000 N Indy RC

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"Well, what I see is my bike not getting fixed."

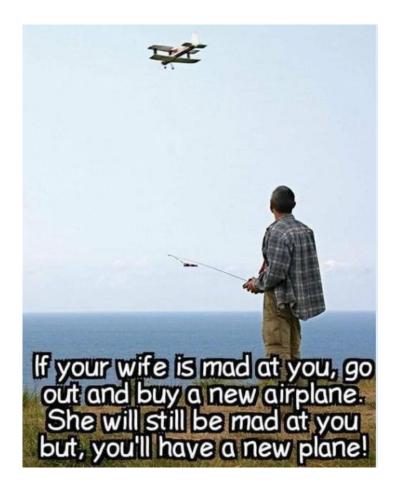


ADMITTING THAT **YOUR AILERONS WERE REVERSED**

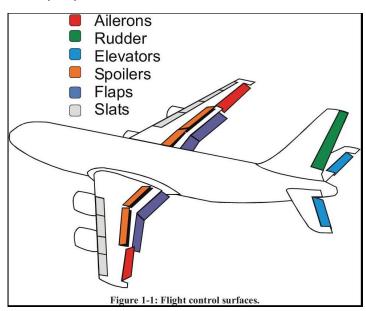


"BROWNOUT"

DU-BRO



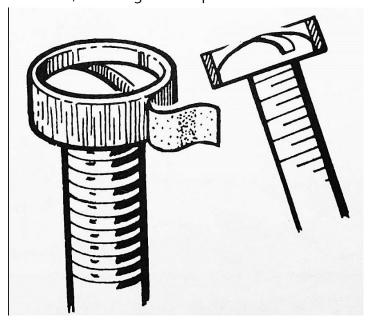
Thought this might be a cool graphic to have to show people who are brand new



Tech tip! Safety Wing Bolt Prevents Screwdriver Slips:

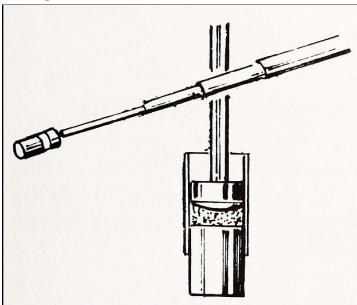
Wrap narrow strips of masking tape several times around the heads of your wing bolts, and give the

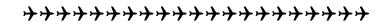
tape a shot of CA to harden it. The resulting "fence" prevents the screwdriver from skidding out of the slot and scarring the wing's finish. Adapted from 400 Great R/C Modeling Tips by Jim Newman, Volume II, an Air Age Media publication.



Here's a use for those old spare 72mhz antenna's at the bottom of your RC junk drawer!

Epoxy a small Radio Shack button magnet (or similar size neodymium magnet) to the end of an old antenna; it makes a useful tool for retrieving dropped screws, etc. Apply masking tape around the magnet to form a dam that retains the resin while it cures. Note the gap between the magnet and the antenna that prevents the latter from becoming one long magnet. Adapted from 400 Great R/C Modeling Tips by Jim Newman, Volume II, an Air Age Media publication.





DIY Model Storage

Model Airplane News Featured News, How-tos 3 Comments



Airplanes on the workshop floor always seem to catch "Hangar Rash," but organization is a great way to keep them out of harm's way. Designed by Model Airplane News contributor Carl Layden, this system is primarily targeted at .40-.60 size airplanes but is scaleable from small electric planes and park fliers to big 50cc gassers.

To construct this storage system you'll need:

Fuselage Hanger

2 - 8 ft. 2x3s

1-6 ft, 1/2 inch dowel

6 ft, ½ pipe foam insulation

10-4 in wood screws

3 ft brass plumber's chain

cup hooks - 2 for every aircraft

Wing Shelf

3 – 10in shelf brackets

½ inch plywood (approximately 2ftx2ft)

6 ft - 1 in trim molding (or wider)

2 ft - 1/2 inch dowel

2 - cup hooks

The amount of each will vary depending on how many aircraft you plan to hang this way. Along with the building supplies you'll need some basic carpentry skills & tools (wood glue, saw, drill, hammer, etc) and a bare wall, the wall of a garage or shed make a good location.

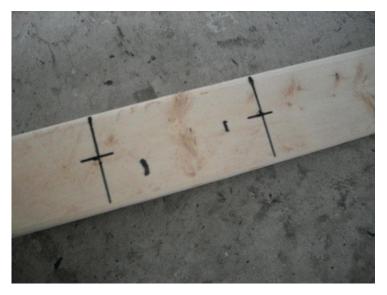


The first part of the project is to construct the fuselage hanger. Begin by arranging the airplane fuselages on the floor with the tail pointed towards the wall approximately 4-5 inches from the wall. If you put the largest airplanes next to each other you usually fit a smaller model between the two, move it a little further from the wall such that it does not interfere with the horizontal stabs of the larger aircraft. When you have finished arranging your airplane fuselages as you would like them to hang slide two 2x3s under the tails of the aircraft. The longer fuselages will hang from the 2×3 closest to the wall the smaller ones from the other 2×3 . Record the distance each 2×3 is from the wall. you'll need it later when mounting the fuselage hanger. You'll need to remember the way the aircraft are arranged, write it down or take a picture for reference later.



Using a square and the fuselage as a guide make two marks on the 2×3 the width of the fuselage at the leading edge of horizontal stab. Each fuse will hang from its horizontal stab. The marks for the dowel holes need to be further apart than the width of the

fuse. Increase the gap by making two additional marks 1 ½ inches outside the first two, this will increase the gap 3 inches. Repeat the process for each fuselage.



Measure the distance from the floor to the leading edge of the stab for each aircraft recording the largest distance. The dowels will need to be cut 2 inches longer than the highest stab. In my case the dowels were 10 inches long (highest stab was 8 inches off floor). Cut two dowels to length for each fuselage you will be hanging.

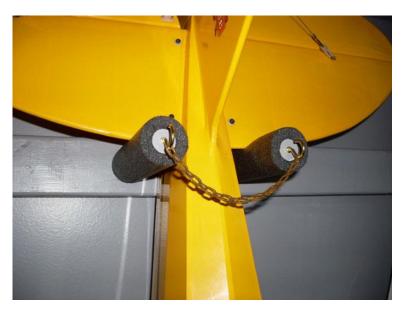




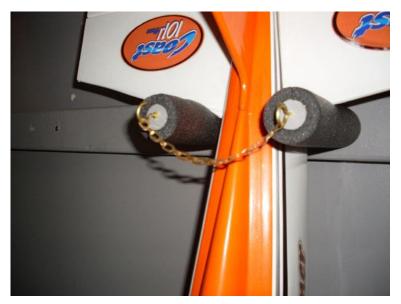
Drill a ½-inch hole through the center of 2x3s at each mark you made for the dowels. It is best to use a drill press to keep the holes are perpendicular to the 2×3. You can do it freehand, however take care to ensure the hole is drilled straight down through the 2×3. Using good quality carpenters wood glue, glue the dowel s into the holes, let the assembly dry overnight. When the glue has dried sand the structure removing any rough edges.



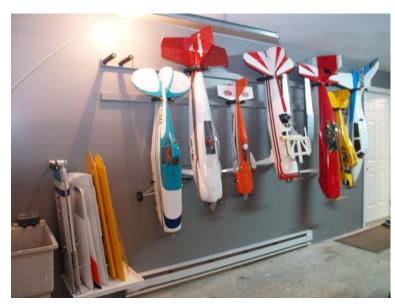
Prime and paint the wooden structure, I painted it to match the color of the wall. After the paint has dried it can be mounted on the wall. For typical drywall over stud construction walls use 4-inch (#10) wood screws or lag screws(with washer). In an earlier step you recorded the distance the 2×3 was from the wall when the planes were arranged on the floor. Measure down from the ceiling this distance, this is where the hanger needs to be mounted.



The fuselage hanger should be mounded level on the wall using the screws to attach it to the wall studs. The screws must be in the studs to support the weight of the hanging aircraft. If the wall you are using is of a different construction like concrete block, brick you will need to use appropriate anchors to mount the hanger.



Cover each dowel with pipe insulation cut to length such that the end of dowel is flush with pipe insulation. Screw a cup hook into the end of each dowel. Hang your aircraft as you arranged then on the floor (that's why you took the picture). String plumber's chain between the cup hooks on end of dowels making a safety chain to keep the fuselage from accidentally falling. That completes the fuselage hanger construction and installation.



The method I used to store wings is easier than the fuselage hanger. If you have the space you could use vertical 2×3 & longer dowels in a similar fashion to the fuse hanger. I didn't have that much space so a more compact storage arrangement was needed.



Begin by cutting the ½-inch plywood, it will be the shelf used to store the wings. The shelf should be 2 inches wider than the maximum wing cord, the length of shelf will vary depending on the number of wings. My shelf is 18 x 18 inches and it accommodates approximately 8 wings with a maximum chord of 16 in.

The next step is to make a 'lip' around the shelf to prevent the wing tips from sliding of shelf. Nail the 1in trim around 3 sides of shelf (not the wall side), keep the bottom of trim flush with edge of plywood this will create the 1/2-inch lip around the perimeter of shelf. Sand the shelf removing any rough edges, then prime & paint the shelf.



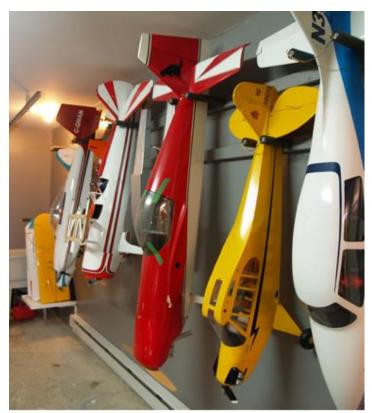
Using 2, 10in shelf brackets mount the shelf on wall, approximately 18in above floor ensure the area above the shelf is clear. I mounted mine a little higher to allow storage of the shop vac under it. Screw another 10-inch shelf bracket to the wall 30in above shelf aligned with left or right edge of shelf. Cut an 18-inch length of ½ dowel (or width of shelf used). Attach ½ dowel to upper bracket, cover dowel with pipe insulation. Place cup hooks at either end of dowel.



Put wings on shelf vertically leaning then against the dowel that extends out from upper bracket. String the plumber's chain between the cup-hooks as a safety chain.

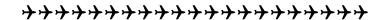


That completes the construction aircraft storage system. For a \$50 investment (and time) you have a safe way to store aircraft between flying session prevented dreaded hangar rash.



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Updated: December 2, 2021 — 3:14 PM **Tags: rc airplane storage**



Editor: John Lawyer

*** Till next month may all your landings be wheels down.