

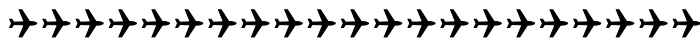


# May 6<sup>th</sup> Spring Fling Avon Town Hall Park

Bob Hartwig Memorial RC Old Time Contest, Jun 14-15, Ft. Wayne, IN  
- [www.indyrcsouth.org/forum/index.php/topic,3221.0.html](http://www.indyrcsouth.org/forum/index.php/topic,3221.0.html)







INDYHOBBIES.COM

# SPRING FLING RADIO CONTROL FESTIVAL

OUR 15TH YEAR!

"A spectacular event. I've not seen such a public celebration for the hobby!"

**FREE EVENT!**

**RC AIRPLANES!  
RC OFF-ROAD TRUCKS & BUGGIES!  
RC SCALE, SAIL & FAST BOATS!  
MODEL RAILROADS!**

NOTE: ELECTRONIC MODELS ONLY - NO NITRO

**MAY 6, 2023**

2.4GHz Radios ONLY! **10 AM - 3 PM**

**AVON TOWN HALL PARK**  
6570 E Highway 36 - Avon, IN 46123  
**AVON, INDIANA**

**INDIANAPOLIS ADMIRALS  
R/C MODEL BOAT CLUB**  
INDYADMIRALS.ORG

**BLACKSHEEP SQUADRON  
R/C AIRPLANE CLUB**  
BLACKSHEEPClub.ORG

**HOOSIER RC RACERS**  
HRCRACERS.COM

5 Trophies Awarded!

- Top Gun Pilot
- Best Multi-EDF Airplane
- Fastest Pass
- Slowest Pass
- Best of Show

Grand Prize: Flex Innovations F-100D

- 90mm 6S
- Retracts
- Flags
- ESC
- Potenza Power
- Armament
- A Great EDF Jet!

Prize Kit: Bobo Cat

- 70mm RBC

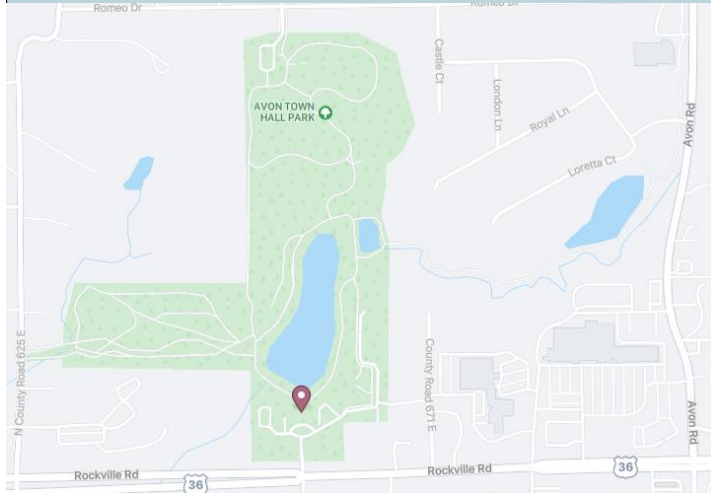
Prize BNF: Habu S5

- 50mm Trainer Jet

Balsa Kit

5 Trophies Awarded!

- Top Gun Pilot
- Best Multi-EDF Airplane
- Fastest Pass
- Slowest Pass
- Best of Show



## Calling All EDF Jet Pilots & Fans This is Your Event!

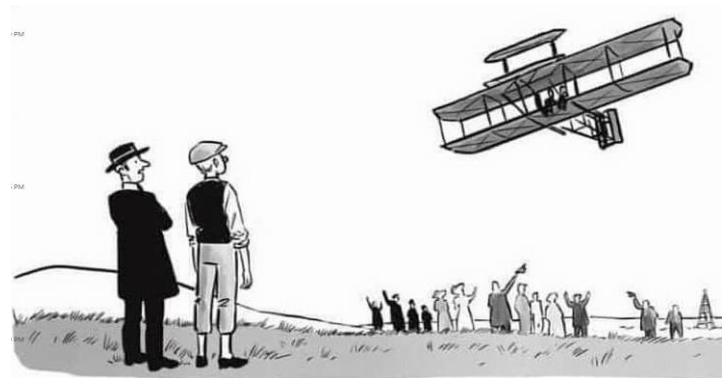
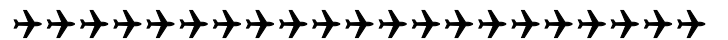
### Indy RC Modelers Club EDF Jet Day 2023

- Fun, all-EDF jet airplane 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
  - Optional participation in easy, "on-the-fly" fun events
  - 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

Mark your calendars and we'll see you in Morristown May 20th!

Note: See Next page for Alt. Construction Routes!

**Caution: Road Construction Rerouting Needed; Delays Possible - See Below Information**  
See alternate routes around the IN 9 and US 52 Intersection which is closed



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

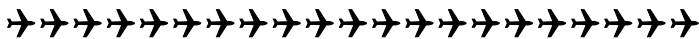


**ADMITTING THAT  
YOUR AILERONS  
WERE REVERSED**



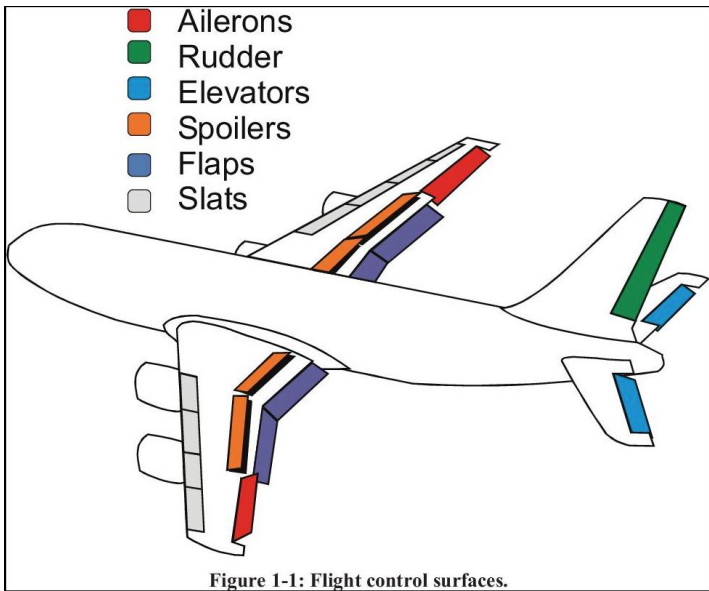
**"BROWNOUT"**

**DU-BRO**



## TIPS AND TRICKS

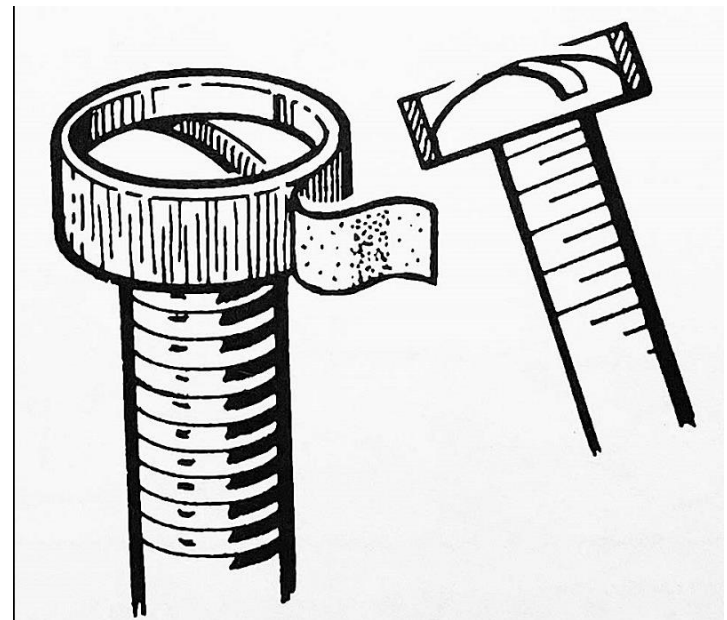
Thought this might be a cool graphic to have to show people who are brand new



Tech tip! Safety Wing Bolt Prevents Screwdriver Slips:

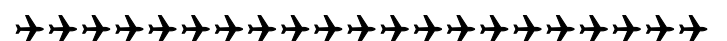
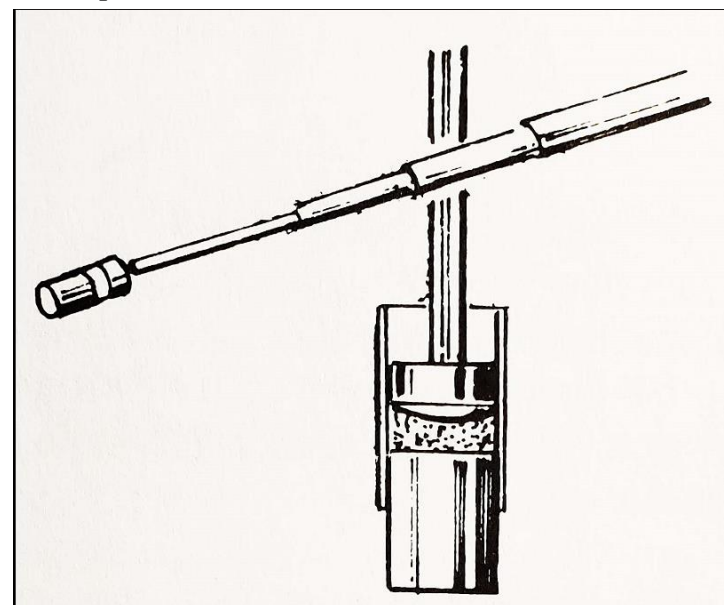
Wrap narrow strips of masking tape several times around the heads of your wing bolts, and give the

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 scale-able 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, 1/2 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

1/2 inch plywood (approximately 2ftx2ft)

6 ft – 1in 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.

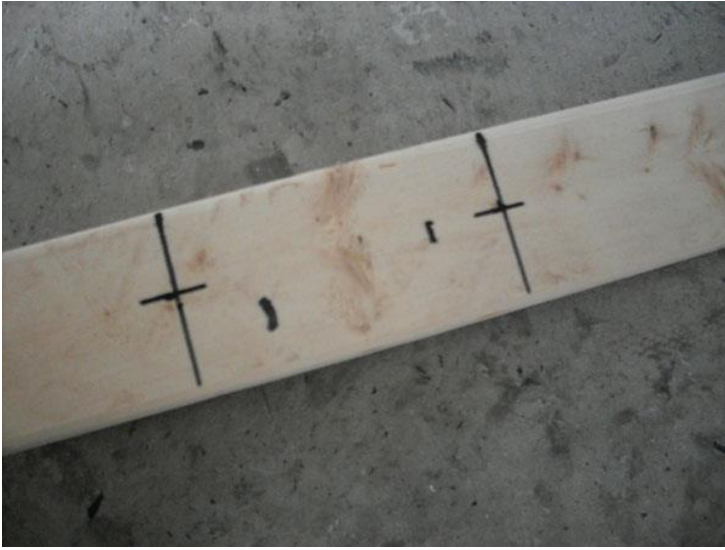


The first part of the project is to construct the fuselage hanger. Begin by arranging the airplane fuselages on the floor with the tail pointed towards the wall approximately 4-5 inches from the wall. If you put the largest airplanes next to each other you usually fit a smaller model between the two, 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 2x3 closest to the wall the smaller ones from the other 2x3. Record the distance each 2x3 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.

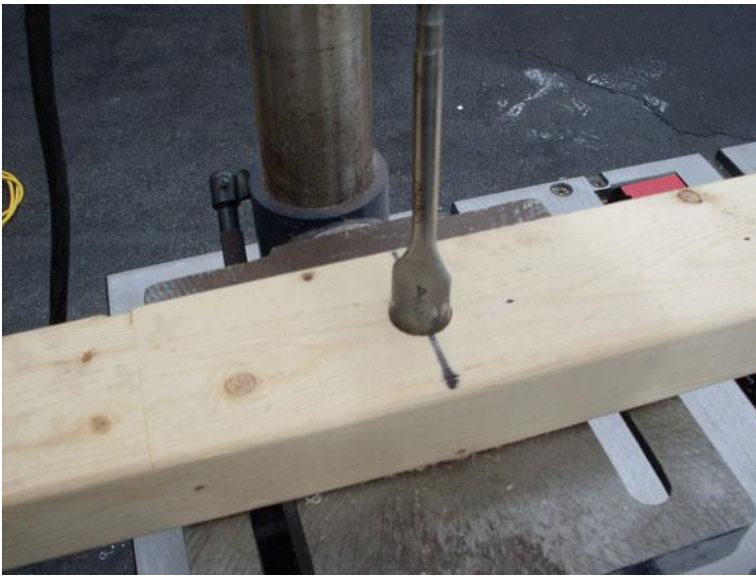


Using a square and the fuselage as a guide make two marks on the 2x3 the width of the fuselage at the leading edge of horizontal stab. Each fuse will hang from its horizontal stab. The marks for the dowel holes need to be further apart than the width of the

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.

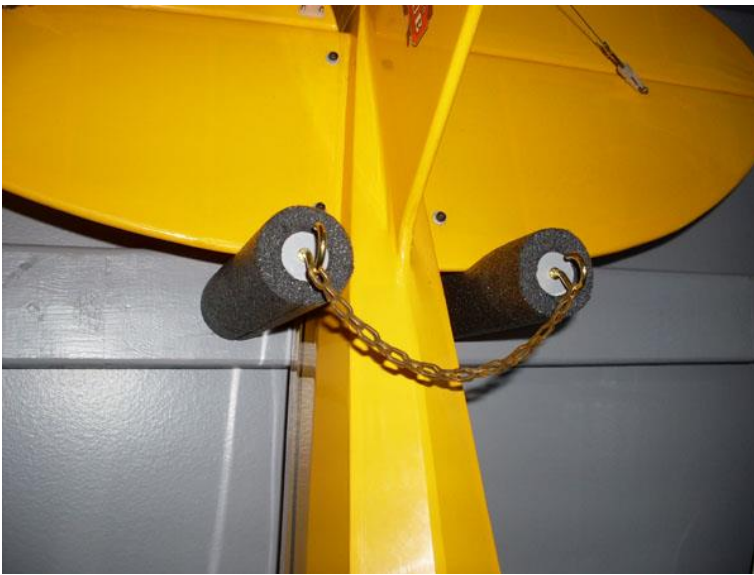


Drill a ½-inch hole through the center of 2x3s at each mark you made for the dowels. It is best to use a drill press to keep the holes are perpendicular to the 2x3. You can do it freehand, however take care to ensure the hole is drilled straight down through the 2x3. Using good quality carpenters wood 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 2x3 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 2x3 & 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 1/2-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 off 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  $\frac{1}{2}$  dowel (or width of shelf used). Attach  $\frac{1}{2}$  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.

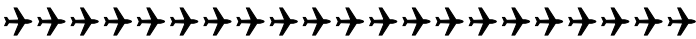


That completes the construction aircraft storage system. For a \$50 investment (and time) you have a safe way to store aircraft between flying session prevented dreaded hangar rash.





Tags: [rc airplane storage](#)



Editor: John Lawyer

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

