



Washington R/C Flyers – Meeting 8-11-2026

Attended: 13 members - Scott Mohr, Mark Reeves, Marshall Logue, Ron Ghighi, Bob Warner, Warren Bieze, Jim Grobb, Travis and Tyler Kempf, Jim Gerst, Tom Imhoff, Hal Baker, and Bernie Meegan

Guests / New members: Ron Ghighi's neighbor – Steve Shoemaker.

6:30pm Mark Reeves welcomed everyone and called the meeting to order.

21 members to date - we had some discussion on former/prospective members and Ron introduced his neighbor to the club. Steve Shoemaker – has 9 planes and AMA, lives next to Ron, and is now a member of the club. Welcome Steve when you see him at the field.

Safety:

Mark discussed a gyro issue he and Warren experienced and urged everyone to thoroughly review gyro setup and control surface travel directions prior to the maiden flight of equipped planes.

Field Maintenance Projects

Ron Ghighi Has started to paint the tops of the picnic tables. Thanks Ron they look great!



Monthly Flyers:

still active – Mark Reeves, Scott Mohr, Jim Taylor, Tom Imhoff and Travis Kempf

Events

SIRS Sentral Illinois Radio Society

Jim Gerst and wife Lori, Tom Imhoff, Jim Taylor, Mark Powell, and Bob Warner went to SIRS event. They they said every SIRS member were fantastic. Very sociable, great hospitality and made some new friends. Several of the SIRS guys will be coming to the field for Labor day camp fly weather permitting. Chris, who was in the videos doing the demonstration plans on coming out which will be a big treat for those who can appreciate a pro. Great times had and thanks to all the WRCF's that came on over for the fun. They have several members who are wanting the area clubs to start becoming more

involved with each other in the future also to support each others events and maybe have group and team competitions like combat or racing as we used to do years ago. Years past SIRS has had events to raise money for Special Olympics and other events and the President Randy said they usually raise 3 to 4 hundred dollars. Saturday they raised \$1,100.00 for Special Olympics. Good job SIRS!_

Horizon Hobby RC Fest 8/29

We had a great time at RC Fest,air show was awesome,lots of turbine powered planes, amazing prop planes and pilots,a lot of ground vehicles in action,watch for reports on social media, maybe plan on attending in the future

Up coming Events

WRCF Labor day weekend Fly Camp Sep 5-7

Streator Fall Scramble Warbirds & Classics

Sep 10, 2026, 9:00 AM – Sep 12, 2026, 4:00 PM

Open House

Due to ongoing flooding our Open House was canceled.Invite any friends or guests to come visit during Fly Camp !



Pushing Foam

Here is another article I copied from the web. It shows where to buy the EPP, and more on the different thicknesses and stiffness. I thought maybe it would be worth sharing.

EPP (Expanded Polypropylene) is a flexible, impact-resistant foam ideal for trainers, 3D aerobatic planes, and scratch-built RC aircraft.

Why Choose EPP

EPP is a rubbery, closed-cell foam that can absorb impacts that would damage balsa or Depron planes, making it perfect for beginners or high-crash applications like flying wings and combat flying

- . Its flexibility allows it to bounce back from crashes, while its light weight (around 1.3 lb/ft³) ensures good flight performance
- . Unlike rigid foams, EPP is less prone to permanent deformation under aerodynamic loads, though it can be harder to cut cleanly and requires specific adhesives

Recommended Thickness and Reinforcement

Wing skins and fuselage panels: 6–12mm thick sheets are typical for most builds

rcplannediy.com

3D profile planes: 10mm sheets are commonly used, sometimes reinforced with carbon fiber spars for added rigidity

Full fuselage or bush-type planes: Builders often use 1-inch thick foam for a strong fuselage or thinner sheets with internal reinforcement

Folding or shaping airfoils: Thinner sheets can be beveled and folded to create KFM or other airfoil shapes without hot-wire cutting

flitetest.com.

Cutting and Bonding Techniques

Cutting: Use a sharp serrated knife or bandsaw rather than a hot wire to avoid melting or tearing the foam

Gluing: Avoid standard CA (super glue), which can melt EPP. Use foam-safe CA, contact cement, or UHU Por for strong bonds

Surface finish: EPP surfaces are rougher than Depron or foamboard, so plan for extra sanding or covering if a smooth finish is desired

Sources for EPP Foam and Kits

The Foam Factory: Offers 1.3 lb/ft³ EPP sheets in various sizes and thicknesses suitable for RC builds
rcplannediy.com.

Crash Test Hobby: Provides 100% EPP kits with laminate, ideal for durable, high-impact planes
crashtesthobby.com.

Redwing RC: Sells pre-cut EPP 3D airplane kits with all hardware included, suitable for beginners or scratch builders

redwingrc.com

Fancyfoam: Supplies EPP planes and materials for scratch building, though currently limited to continental USA shipping

3dcartstores.co

Tips for Scratch Building

Plan your airframe layout carefully, considering wing loading and weight distribution. Lighter foam gives slower, more forgiving flight, while heavier foam increases durability but requires more power

rcplannediy.com.

Use carbon fiber rods or spars to reinforce wings and fuselage where needed

flitetest.com

For complex fuselage shapes, consider 3D-printed formers or folding techniques to avoid hot-wire cutting

flitetest.com

Start with a trainer or flying wing to get familiar with EPP handling before attempting more advanced 3D or scale models

rcplannediy.com

EPP is highly versatile and forgiving, making it an excellent choice for both beginners and experienced RC builders who want durable, crash-resistant aircraft. Proper cutting, gluing, and reinforcement techniques will ensure your planes are both strong and flyable.

Check out the Videos on the Washington R/C Flyers *Facebook page*

Next meeting: 9-8-26 at the field. The October 13 meeting was discussed and decided to move indoors at Kep's due to darkness.

Keep up to date on all events at our web site. New mowing schedule posted on web site

<https://washingtonrcflyers.org>

