

**NEXT MEETING**

**Wednesday, April 4, 2018**  
 7 p.m.  
 WaterStone Savings Bank  
 6560 S. 27th St.  
 Oak Creek, WI

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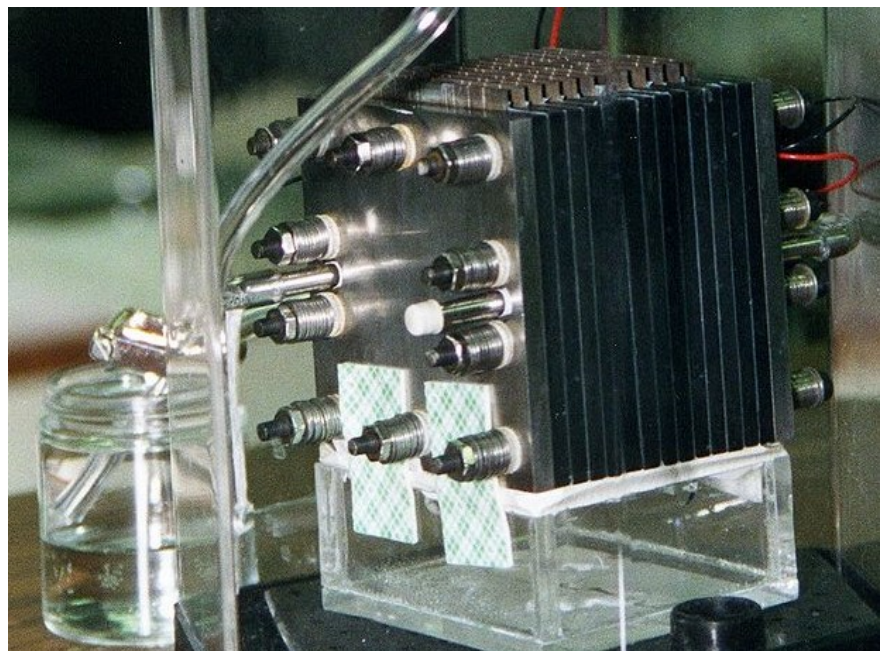
Ron Szuta  
 Bob Glowienka

# The RAMS Horn

**New Product Announcement**

## Model Aviation Fuel Cells

A new startup company "hobbifuelco" of Champaign, IL has announced the intent to manufacture hydrogen fuel cells for model aviation. The company is able to scale down fuel cell technology that has been developed for the automotive industry. It is expected the capacity of a fuel cell will deliver 5,000 to 10,000 hours of flight over its lifetime. The fuel cells produce electricity, so the models will still need an electric motor, but Lipo batteries will be a thing of the past. Due to the chemical reaction between intake oxygen in the air and the hydrogen in the fuel cell, a small amount of water is produced as a byproduct, which will need to be routed outside of the aircraft. There is no word yet on release date or price, but this will be a huge game-changer in the hobby. Yes, you have been had. April Fools!



**Monthly Recap:**

## March In Review

We saw some reasonable days to fly in March. Some members were at the field this month to dust off the cobwebs from the long winter flying break. The field has been saturated most of the month with some standing water visible out to the West.

President Jeff Borowski was not at this month's meeting due to a broken pipe at his home, so we are a little short on club business this month.

April begins this quiet transition period between indoor swap meets and outdoor flying events. I hope everyone had fun this swap season and we hope to see your treasures at the field.

Pictured at the top-right, Mike McCullough shows his maiden Hangar 9 Valiant 10cc. I will bring this plane to the April meeting and speak to its details at show and tell.

Pictured at the bottom-right, Jeff Kraczek with help from Todd Schmitt shows off his Seagull Models Yak-3 ARF he found in Rockford. Jeff has already fitted the Yak with a DLE-20, so we should be seeing it at the field soon!

Last thing to report on, and this is looking ahead. April 6th through 8th is the Weak Signals R/C Model Show in Toledo OH. The East coast has AMA East, the West coast has AMA West. We have Toledo. There will be a lot of swapping and a lot of exhibitors attending the show. I hope to get a good report on it for next month's newsletter.



## Show and Tell

## Wing, Plane, and Quad

This month, we had a few members bring in their projects. Thank you! Keep it up. We want to see what you are working on.

Right: Fred Socha brought in his latest quadcopter build. It is quite an art to pick and configure all the electronic components of these. Next time we want to see it fly, Fred!

Left: Mike McCullough hopes to turn this Hangar 9 P-40 he found in West Bend from a hangar queen to a regular flyer.



Below: Bob Glowienka brought in a wing half to get some advice from fellow members.

