



The RAMS Horn

NEXT MEETING

Wednesday, September 3

7 p.m.,
WaterStone Savings Bank
6560 S. 27th St.,
Oak Creek, WI

(See more info on a special presentation at the meeting on page 2.)

2014 CLUB OFFICERS

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SHOW & TELL

Scale J3 Cub



Ken Ceranski brought in his Piper J3 Cub made from a Carl Goldberg kit. His Cub is powered by a Fox 50BB RC engine and is covered and trimmed in a traditional Cub scheme (right). Ken adds that his model Cub shares the same N-number as the full size Cub that he flies (left). If you look back to the April newsletter, this is the same Cub as seen in the winter build project picture that Ken submitted. Nice work!



FOR SALE

Aircraft Photos for Sale

Russell Knetzger will be offering for sale, starting at the September meeting, color aircraft photos suitable for pin-up, 8½ x 11 framing, or ordered to be framed. The unframed photos are priced at \$1.00 each, and the framed at \$5.00 each. All proceeds go to the club treasury.

The photos are of the WWII bombers B-29 "Fifi" and B-24 "Diamond Lil," an interior cockpit view of the B-29, including a Norden bombsight as serviced by RAMS club member Earl Evans, a Curtiss P-47 Warhawk, and the amphibious Consolidated PB4Y Catalina (version #1 taking off water, version #2 wheels retracted in the air over EAA Oshkosh convention of 2013).



ANNUAL PICNIC REMINDER

RAMS members' picnic
Saturday, September 27

Rain Day: Sunday, September 28

Details of the picnic will be discussed at the next meeting. The outcome of that discussion will be included in the next newsletter.

HOW FEMALE PILOTS SAVED**The B-29 Bomber**

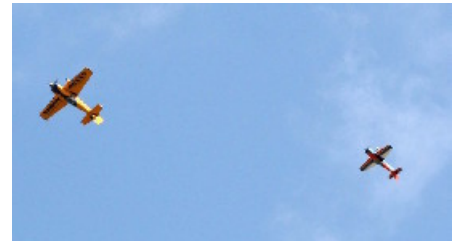
Russell Knetzger plans his "Show & Tell" for the September club meeting to be a short reading from the tiny booklet titled "The B-29 Story," from the museum group for *Women Airforce Service Pilots (WASP) of World War II*, Sweetwater, Texas.

Modeled after what England was doing, these were women, mostly young, became pilots to do jobs that would not take away from the pool of males needed for air combat. These jobs included ferrying 60 percent of all planes off the factory assembly lines to bases where pilots were finishing training to fly them into war theaters.

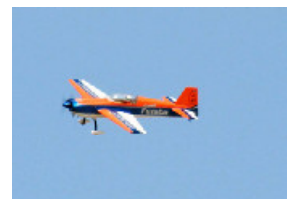
Only 1,102 women graduated. They became proficient in 78 types of aircraft—everything from P-47 and P-51 fighter planes, to B-17 four engine bombers. The WASP served from March 1942 to December 1944.

EAA AIRVENTURE**Oshkosh, WI 2014**

This year's EAA Airventure was held July 28 through August 1. It's always a good show if you can make the trek up there and justify the cost. This year the AMA and model aircraft made a "small" appearance, literally, during the air show on a couple of days.



You may have seen or already be familiar with the aerobatic performance of Matt Chapman. He flies the yellow and purple Embry Riddle University Eagle 580. During the show, Matt was performing his routine as usual when he was joined by another aircraft (sponsored by Futaba and painted orange and blue).



The two aircraft kept their distance but flew together and performed the same maneuvers at each end of the flight line. After a few minutes of their combined show, it was announced that the other pilot was not even in the airplane and it was a radio control model. Matt later flew away and at least three other models joined the show. The announcer said some very nice things about the hobby and it was great to see radio control get attention at this level.

SPECIAL THANKS**A Sincere Appreciation for Instructors**

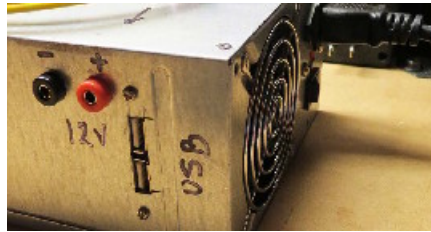
In last month's meeting, **Phil Schumacher** announced that his student **Ron Szuta** completed his first solo flight with great success. We are all certainly grateful for our instructors and other members that offer help to others who are in need. Ron asked to share his appreciation in the newsletter:

"A special thanks to Phil Schumacher for taking the time and having the patience to work with me and getting me to the point that I could solo. It was an awesome experience, thanks Phil. I would also like to send thanks to Mark, Jim, Bill, Steve, Rodger, Mike, and all the other guys who gave me tips and tricks and continue to guide me with flying. I understand that I have much more to learn, and look forward to any pointers that are offered. See you at the field!" —Ron Szuta

FROM THE EDITOR

Do-All Power Supply

I can't understand the trends with chargers, but some small models such as single-cell Lipo quadcopters are being shipped with a charger that plugs into a computer USB port. For a while I used an adapter to plug it into the wall, but this is the same adapter for my phone. Obviously too inconvenient for a do-it-yourselfer.



An old (or even new, inexpensive) PC power supply is an excellent solution for a do-all power supply. Not only does it have 12 V output for your typical charger, but also 5 V that can be used for USB chargers. Some USB headers are already mounted to brackets for the back of computers. I used one of these to add to my current PC supply because it already contained screw holes for mounting. You can find such a USB header on eBay for less than \$4 (including shipping). With a little bit of work, it is possible to create your own custom power supply (like mine, above) for less than a typical RC power supply.

RADIO SETS

72 MHz Radio Sets Remain Legal

By Russell Knetzger

If you have a chance to buy a 72 MHz TX & Rcvr. system, don't pass it up for fear of it becoming illegal. So says Tony Stillman, AMA flying assistance coordinator, in the September 2014 *Model Aviation* magazine (p. 12). The 72 MHz transmitters have 44-inch-long antennas. So many modelers have switched to the 2.4 GHz systems (very high frequencies, stub antennas, less than a foot) that radio manufacturers are no longer making the 72 MHz systems. But the 72s work fine, are FCC legal, and likely to remain legal for the foreseeable future. You will, however, have to clip your field license onto the frequency board each time you use your 72 MHz. And everyone is still required to clip their field license to the frequency board regardless of the type of radio gear used. There are clips for 2.4 GHz.

FIELD REPORT

Rain and Harvesting

We have had a lot of rain lately, so the field conditions may be changing on a daily basis. Previous to this, though, the field has been great. Even better, the neighboring farmer has harvested the hay/straw (whatever it is) on the west side of the field. This has been very helpful as it is now possible to come in much lower than before on final approach for landing from the west.

Labor Day is almost here, but don't pack up your gear for the winter. There are still plenty of enjoyable flying days left!



MEETING UPDATE

Field Rules Updated

During the August meeting, the club confirmed listing rockets (model or otherwise) to the list of prohibited craft at the field. Field Rule #6 reads as follows: *No free flight, rockets, or control line model aircraft flying is permitted.*