

August Meeting Minutes

8/4/2011, Wingmasters Field, 7:30 PM to 8:15 PM

The meeting was opened at 7:30 pm by President Stimmel.

Field Report

There is a little blood on a couple of the flight stands (compliments of Paul Stimmel)
The new PA system has been shipped and will be installed next week.

Old Business

The Swap & Fly event held last week was attended by 75/100 people and earned a profit of \$50.00.

Pres Stimmel/Joe Saylor reported that the "Hobbies for Hospice" event will be held 28 Aug. Everything will be free to the general public. Donations will be accepted for consumed food which will initially be purchased by the club. Jerry Humston's brother-in-law will provide the grill and do the cooking. All proceeds will be donated to the local Hospice organization. In addition to lots of flying, members of the local Miami Valley Model Yacht Club will conduct races in the pond behind the flying field, the Miami Valley Garden Railway club will display a "G" scale setup, and Ken Eubanks will oversee a WAK (Wingmaster Ariel Kombat) demonstration. If all of the above wasn't enough, there will be a raffle of donated planes, trains, and boat items. Paul passed a sign-up sheet for volunteers to help during the event and asked that all members help spread the word of the event. Setup will begin at 9 am with events kicking off at noon.

New Business

It was reported that Bob Bush and his jet, along with the help of Dave Flint, won the NATS last month in Muncie. Congrats to Bob - way to go. Bob was also a member of the team representing America at the world-wide Jet Masters event currently being held at the Air Force Museum but reported that the Americans were not fairing so well. It seems the event is being dominated by the Germans & Russians.

Ken Eubanks will hold a night fly on Aug 13th. Pizza will be served at 7 pm, with flying beginning as soon as it gets dark. (Editors Note: Event was great - we need to do this more often! But remember to bring bug spray!)

Delivery problems with the monthly news letter were discussed. While realizing that not all members have access to email, it was generally agreed that snail mail is too expensive. A temporary solution was suggested that copies be placed in the pin box & Paul will bring several extra copies to the monthly meeting. This will be tried until a better solution can be found.

Santiago asked for help with the Hell-Fun Fly to be held Sept 16/17. Note: The field will be closed to fixed wing flying on Fri evening the 16th & all day Sat the 17th.

Jerry Harsch reported that he had been negligent in getting certification for our instructor pilot program and asked that considering the lateness if we should ignore it for this year or go ahead and submit the paperwork now. It was agreed to go ahead and submit.

Steve Whittridge reported that a fire extinguisher needs to be made available for use on the flight line. Paul agreed to get one. (Editor's Note: Resolved - please be sure if you take it out that you return it when you leave. If you use it, you need to replace it.)

It was announced that due to other conflicts, Dave Thacker has had to cancel the electric fun fly that was to be held Aug 6th.

The monthly \$25 gift certificate was won by Ken Petry.

The meeting was adjourned at 8:15.

Meeting Attendance Committee:

Paul Stimmel (Pres)
Romey Schweiterman (VP)
Bob Bush (Treasurer)
Jerry Harsch (Sec)
Jon Cross (Editor)

Membership:

27 Wingmasters on hand.
No New Members

Guests:

None

Hobbies for Hospice a Great Success!

Well, even after all the planning and work, the morning of the Hobbies of Hospice was still a very nervous one for all involved. The remnants of Hurricane Irene were churning along the East Coast and the possibility of winds "up to 25 MPH" were being forecast by the weather stations. If this amount of wind had materialized, it would have grounded most of the participants who would be instead trying to keep their planes from blowing away.

Thankfully though, the high winds missed us and even though it was still gusty at times, great flying demos went on all throughout the afternoon. A noontime 3D helicopter demo by James, Justin and Taylor really got the crowd into it while getting the event off to a hot start. Chris Fry followed up by doing a variety of low-level 3D in his 42% Extra. Demo pilots throughout the day then put on a great show for not only the visitors to the field but for their fellow hobbyists as well... It was GREAT!!! Huge thanks to ALL the pilots!!!

The Miami Valley Garden Scale Railway had a great setup of Garden Scale trains which were a hit with both the young and the more seasoned visitors to the event. Initially I thought Jerry was crazy when he said he needed "the entire area" behind the shelter but his group was able to fill it nicely. Impressive indeed. I personally thought the Eggliners were great... Do they make those in HO scale?



The Miami Valley Model Yacht Club ran demos throughout the day and even though the winds may have been a little high for some of the smaller regatta participants, the larger setups had no problem strutting their stuff on the lake. I still have problems understanding exactly how the race heats work but it is interesting to see how the boats use the wind and how quickly the right or wrong wind angle can affect their speed.

Special thanks also go out to Big Mike's for doing all the great work in preparing burgers and hot dogs (along with other goodies) for sale. Many people gave generously (I lived

up to my reputation as an eating machine and paid well for several burgers). Reports of \$50 burgers really helped pick up the enthusiasm of those involved. Thanks also to John and Jeanette and their team from RC Hobby who brought out a slot car setup and sold tickets (for donations) to race them. Thanks to Pete for handling the flight control and to Kenny and Paul who took turns on the microphone. Thank goodness they didn't start singing anything...

In the end, we more than doubled the goal we set out for the the event. The event organizers would like to thank all those who participated in this event from the co-hosting clubs, their officers and members, to all the organizations who donated (volunteer time, items or funding) and most especially to all those who came out for flying or spectating and turned this into a great event! Thank You!



“Hobbies for Hospice”
Sunday, August 28th
 Gates open at 9:00AM. Flying starts promptly at noon. Weather Permitting.
Wegerzyn Gardens MetroPark
1301 E. Sieberthaler Road - Dayton, Ohio 45414
The Dayton Wingmasters, the Miami Valley Garden Railway Society and the Miami Valley Model Yacht Club are jointly sponsoring an Open House Event to help raise money for the Hospice of Dayton.
• Open to the General Public - Bring the entire family!
• No entrance or landing fees. (2011 AMA is required to fly)
• RC Aircraft and Helicopters, Garden Scale trains and RC model Yachts will be racing throughout the day.
• Food available on site - DONATIONS ACCEPTED and go 100% to Hospice.
100% of event proceeds go to THE HOSPICE OF DAYTON
For More Information visit: <http://www.wingmasters.org> or <http://www.mvgyrc.com>

Hobbies for Hospice 2011



Disposal Procedures of LiPo Batteries

from thunderpowerrc.com

Unlike NiCd batteries, lithium-polymer batteries are environmentally friendly. For safety reasons, it's best that LiPo cells be fully discharged before disposal (however, if physically damaged it is NOT recommended to discharge LiPo cells before disposal - see below for details). The batteries must also be cool before proceeding with disposal instructions. To dispose of LiPo cells and packs:

1. If any LiPo cell in the pack has been physically damaged, resulting in a swollen cell or a split or tear in a cell's foil covering, do NOT discharge the battery. Jump to step 5.
2. Place the LiPo battery in a fireproof container or bucket of sand.
3. Connect the battery to a LiPo discharger. Set the discharge cutoff voltage to the lowest possible value. Set the discharge current to a C/10 value, with "C" being the capacity rating of the pack. For example, the "1C" rating for a 1200mAh battery is 1.2A, and that battery's C/10 current value is (1.2A / 10) can be used, such as a power resistor or set of light bulbs as long as the discharge current doesn't exceed the C/10 value and cause an overheating condition.

For LiPo packs rated at 7.4V and 11.1V, connect a 150 ohm resistor with a power rating of 2 watts (commonly found at Radio Shack) to the pack's positive and negative terminals to safely discharge connecting it to an ESC/ motor system and allowing the motor to run indefinitely until no power remains to further cause the system to function.

4. Discharge the battery until its voltage reaches 1.0V per cell or lower. For resistive load type discharges, discharge the battery for up to 24 hours.
5. Submerge the battery into bucket or tub of salt water. This container should have a lid, but it should not need to be air-tight. Prepare a plastic container (do not use metal) of cold water. And mix in 1/2 cup of salt per gallon of water. Drop the battery into the salt water. Allow the battery to remain in the tub of salt water for at least 2 weeks.
6. Remove the LiPo battery from the salt water, wrap it in newspaper or paper towels and place it in the normal trash. They are landfill safe.

NOTE: This does NOT mean it is OK to throw them in the pond. Please dispose of them properly and be sure to discharge them safely. If you feel you MUST shoot at them, or spike them or whatever to satisfy the "pyromaniac inside", please do with proper safety equipment and with a fire extinguisher nearby.

Tx/Rx Batteries Do Have a Shelf Life

Bob Mahl would like to remind everyone that even though a Rx pack has been freshly cycled and seemingly peak charged - that it does not necessarily mean that the battery is OK. The loss of his Sukhoi during the Swap-N-fly event was an unfortunate occurrence and one that would have been difficult to predict even with an OK preflight check. Bob had mentioned that the batteries were only 2 or 3 years old.

The best course of action to prevent this seems to be to pull out all of your Tx/Rx batteries during the off season and do a voltage check on them. Cycle them a few times and then put a simulated load on them to see how they hold up. If they check out - great. If not, don't take the chance of losing your plane and recycle that battery and replace it with a new one.



New Species of Piranha Discovered?

Wikipedia defines a piranha as "a member of family Characidae in order Characiformes, an omnivorous freshwater fish that inhabits South American rivers. In Venezuela, they are called caribes. They are known for their sharp teeth and a voracious appetite for meat."

A recent field event has prompted a wave of discussion over what may be a newly discovered species of North American piranha. Although there are a number of similarities, at this point it is best to not jump to conclusions and declare his new discovery a piranha until sufficient conclusive scientific familial evidence can be gathered. It is certain that should a link be proven, Exhibit B will most certainly demand a much higher level of proximity respect in the future.



Exhibit A

Piranha Probability Percentage: **100%**

- Voracious omnivore
- Lightning speed
- Powered by small fishes
- Habitat: South American streams

Conclusion: Documented Piranha



Exhibit B

Piranha Probability Percentage: **uncertain**

- Voracious omnivore/herbivore
- Lightning speed
- Powered by LiPo and/or blood plasma...
- Habitat: North American parks

Conclusion: Additional research needed

It's a Bird, It's a Plane, it's... ..well, it's both actually...

The Taube (or Dove) was a German plane constructed in 1909 by Igo Et- rich. Used as an early surveillance plane, it also served in fighter, bomber and trainer roles until the begin- ning of WWI.

This RC example lacks the compli- cated rigging that was mounted both above and below the wings and uses ailerons instead of the wing-warping system used in the full scale original.

The translucent covering made this plane very difficult to see from the ground and it is sometimes referred to as the world's first "stealth" fighter.



Safety Corner - The Run-Up Benches Want You!

Well, I'm sure everyone has heard it by now, but our status of "a season without a notable accident" changed earlier this month. A Wingmasters individual (who shall not be named because everyone already knows who he is...) had an incident shortly after the end of a flight, he placed his plane on top of one of the picnic tables while it was still powered up.

The incident happened when he tried to lift off his neck strap and transmitter together before powering down the Tx/Rx. Somehow the throttle got bumped and as a result, the plane jumped forward towards him but luckily he was able to catch it. However, in so doing, several fairly deep cuts were sustained on the pilots arm. Thanks to those who helped not only to get control of this situation but who also helped to take care of the "post-event mop-up".



Several points to bring up here:

1. This is why you should not fly alone. But, if you must, make sure you have a cell phone in case of an emergency. This situation could easily have been far worse than what it was.
2. Always turn off your plane first / transmitter second in the proper order. Next, unplug the plane power pack (if you're prone to flying two planes at once, please remove the battery to make sure you don't forget). After both are turned off, go ahead and then unclip your transmitter from your neckstrap and then finally take off your neckstrap. Doing this will also help to prevent potential damage to your transmitter while it is "playing pendulum" on the end of your neckstrap.

Add Plane Here



On a Somber Note...

Steve's green Quest pop-up shelter which had been serving and protecting sun-baked Wingmasters since 2009 was the victim of an unusually strong gust front that blew through the field on Sunday, August 7th. The green shelter will be missed (but not it's blatant marketing efforts for a certain radio system). Steve can now be found under a brown canopy that blends in perfectly with the charging station roof. (He may be able to hide under the canopy and behind the charging station, but unless he hides that red Dodge, we still know he's there)...



“Weather Station” vs Weather Station

A “Weather Station” of sorts has been “installed” out at the field. If you're ever in doubt as to the current weather conditions at the field - give Steve “The Weatherman” Whittridge a call. Live, up-to-the-minute weather conditions available during daylight hours. Seriously though, we'll be revisiting the idea of installing a real, live weather station again in the upcoming months so maybe come springtime, we'll be able to know what the weather is out at the field before packing up the car.

Jet World Masters 2011

Well, it was a great event - and in the end, the Russian Yak-130 won the 20kg class. I didn't get any pictures of it as they were still putting it together when I was there. I don't even want to guess what kind of exotic supercar I could have bought with the money required to pull off this model but regardless, the attention to detail in this model was stunning. I did get a picture of the landing gear and included it here as an example of the craftsmanship - everything on the assembly is custom made...

I also got a chance to meet with Lance Campbell who has been building a 1/8 SR-71 for the past nine years. I was going to ask him how much he sunk into it but decided in the end not to. I can't imagine how he'd get anything done around the house or with the kids and to still have the time to hand-place 30,000+ rivet stickers on the model. He mentioned that crafting just the nose pitot tube from scratch and getting it to screw in and stop at the exact



right spot took three days. He has a lot more patience than I ever will.

In the end, it was an amazing event and I'm glad it was so close to allow three separate trips out there. If you missed it, you'll not only have to wait until 2013, but you'll also have to get your passport and plane tickets for Meiringen, Switzerland.



Wingmaster Wear

The following club clothing articles are currently available. Items are available for pick up or can be delivered at a club meeting.

To order Wingmaster Wear:
contact:

Paul Stimmel at:
937.361-7696 or
pstimmel@ameritech.net



Sweatshirts

Sweatshirt - White - \$15
3XL / 2XL / XL / LG

Sweatshirt - Blue - \$15
3XL / 2XL / LG

Sweatshirt - Grey - \$15
XL



Hats

White / Blue \$10
White / Red \$10



T-Shirts

Tee Shirt - Grey - \$10
2XL / XL / LG

Golf Shirt - White - \$20
2XL / XL

Golf Shirt - Red - \$20
2XL / XL

Other Items

Please contact us if you would be interested in getting Wingmasters patches for use on hats or jackets. Based on price and interest level several sizes will be explored. We would also like to know if there is any interest in getting club label pins made up. There are a variety of designs that are pre-made and even getting a custom made pin is a fairly easy thing to do.

