

REMINDERS:

MEMBERSHIP MEETINGS: 9:00AM
2nd Saturday of the month.

Board Meetings: 1st Thursday of the month.

NEWSLETTER POLICY submit articles & photos to the editor before the 1st Thursday of month (All articles, pictures, subjects, and content are reviewed by the board members before publishing.)

FIELD REMINDER:

Members using the oval and/or short course tracks, turn off the water before you leave!!

LAST ONE OUT CLOSSES AND LOCKS GATES

DESERT HAWKS RC CLUB INC.

Academy of Model Aeronautics CHARTER #1545

PO Box 1463 LHC AZ 86405

Email info@deserthawksrc.club

<https://deserthawksrc.club/>

Club Officers

Board of Directors

President: Bill Roberds 360 460 1014

Vice President: Rob Rinde 928-855-8782

Secretary: Mike Lacasse: 206-870-5488

Treasurer: John Orrell 970-734-7755

Safety Officer: Jerry Morris 928-846-1088

Member At Large: Richard Dvorak 928-208-8688

Committee Chairs

Crawler Vehicles: John Hiss 208 670 3576

Flight Instructor: Larry Salsberry 928-505-2193

Field Marshal: Bill McMilon 928-727-5166

Helicopter Area Director: Brian Fernandes 928-706-6085

Membership: Carol Rinde 928-855-8782

Newsletter Editor: Mike Lacasse 206-870-5488

Race Director: Jeremiah Martinez 928-897-4249

Racetrack Chairman: Rob Rinde 928-855-8782

Webmaster/IT: Carol Rinde 928-855-878

PRESIDENTS CORNER

Greetings from Bill's cockpit,

I hope this winter finds you all healthy and if you're not here with us, at least happy. The field surface is holding up well with some crack sealing of the bad spots. Paul Fasnacht has built and installed a charging station. It needs a solar panel, controller, and a couple of 12V batteries as well as a containment structure to be operational. Thanks Paul for a great donation.

The concrete work at the starting station is under way. Thanks to Brian Fernandez for leading this project and many thanks to all the members who donated better than half the total cost of this improvement! There will be a temporary starting structure during construction. To my knowledge, the septic system has never been maintained since it was built. It has been a concern of mine for some time, and last week we dug it up and pumped the tank. Pumping revealed that the system is in fine shape and will serve for some years to come. WHAT a mess it was!!

We are lucky to have a devoted, hard working fire wood battalion. When you see Vern King, Bill McMillon, and Gary Ross give them a big hug and many thanks for the heat guys. If you haven't heard, the City of Lake Havasu has acquired the Sara Park property from the BLM so we are now officially a city park (I'm thinking restroom grant) , time will tell.

The car tracks have been busy with morning demo derbys and racing every other weekend as well as recent interest in rock crawling which has been a lot of fun and well attended. The club built a retaining wall on the north side of the circle track and it looks great. It also serves as seating for the races. Special thanks to all who helped putting it together.

I am interested in your thoughts on all things that will make the club better in the short and long term so feel free to give me a call. My contact info is on the web site.

Thanks for being supportive members!

Bill Roberds,
President Desert Hawks RC Club



Lithium What is it?

It's the third element on the Periodic Table of the Elements and it's been around for about 13.8 billion years and was thought to be the product of Big Bang Nucleosynthesis. Forged after the Big Bang, Lithium possesses three Protons in its nucleus and is therefore atomic number 3. Nowadays lithium is in certain batteries and

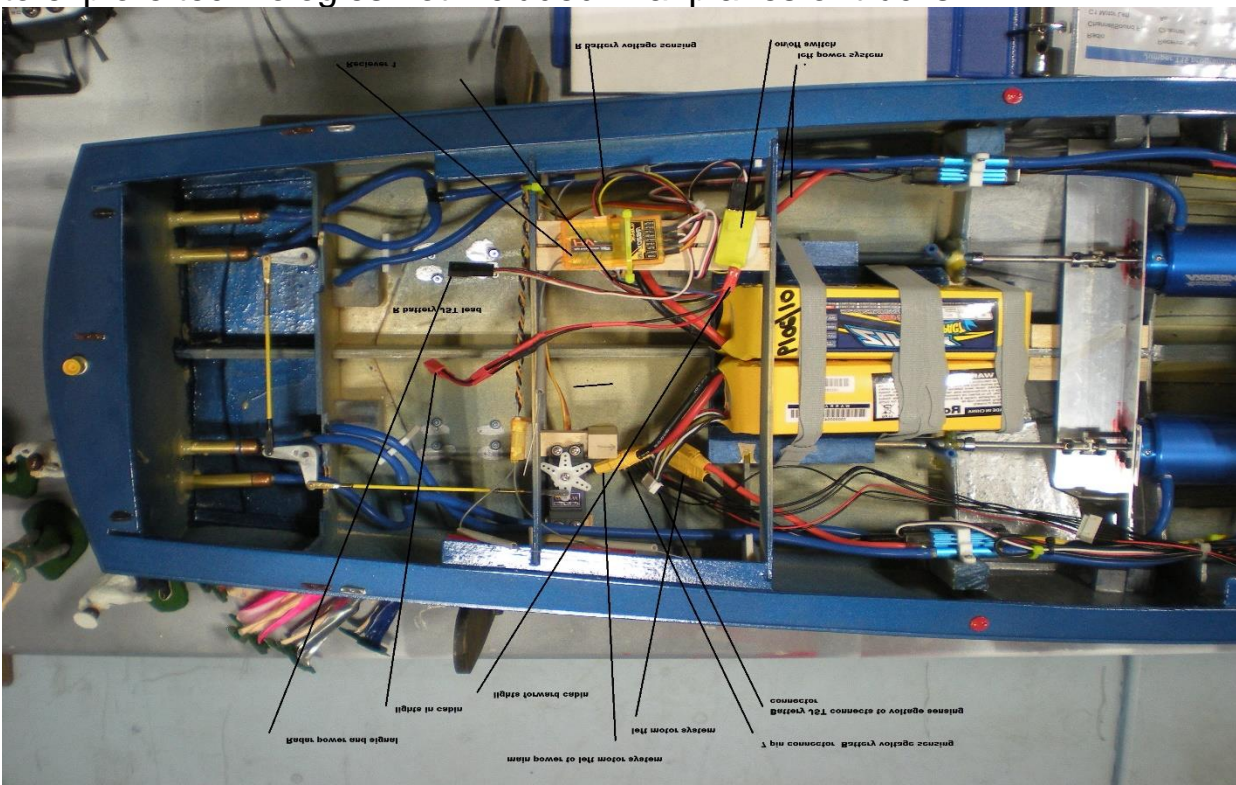
antidepressant drugs; it was once in 7UP, perhaps inspiring “UP” in the drinks name. Protons, neutrons and electrons typically make up atoms, all of which were Hydrogen, Helium and a bit of Beryllium minutes after the big bang. Beryllium-7 is radioactive and decays where an electron falls into the nucleus turning a proton into a neutron turning Beryllium into Lithium, accounting for how 95% of today’s Lithium was minted. That happened some 800 years after the big bang and temperatures of the primordial soup had cooled to some 80,000 Kelvin. The primordial soup was plasma, a state of matter where atoms are without electrons. Today we create plasmas in thermal spray technologies among other applications. Jet engine compressor blade dovetails were sprayed with a powder metal onto the dovetail through a plasma field...

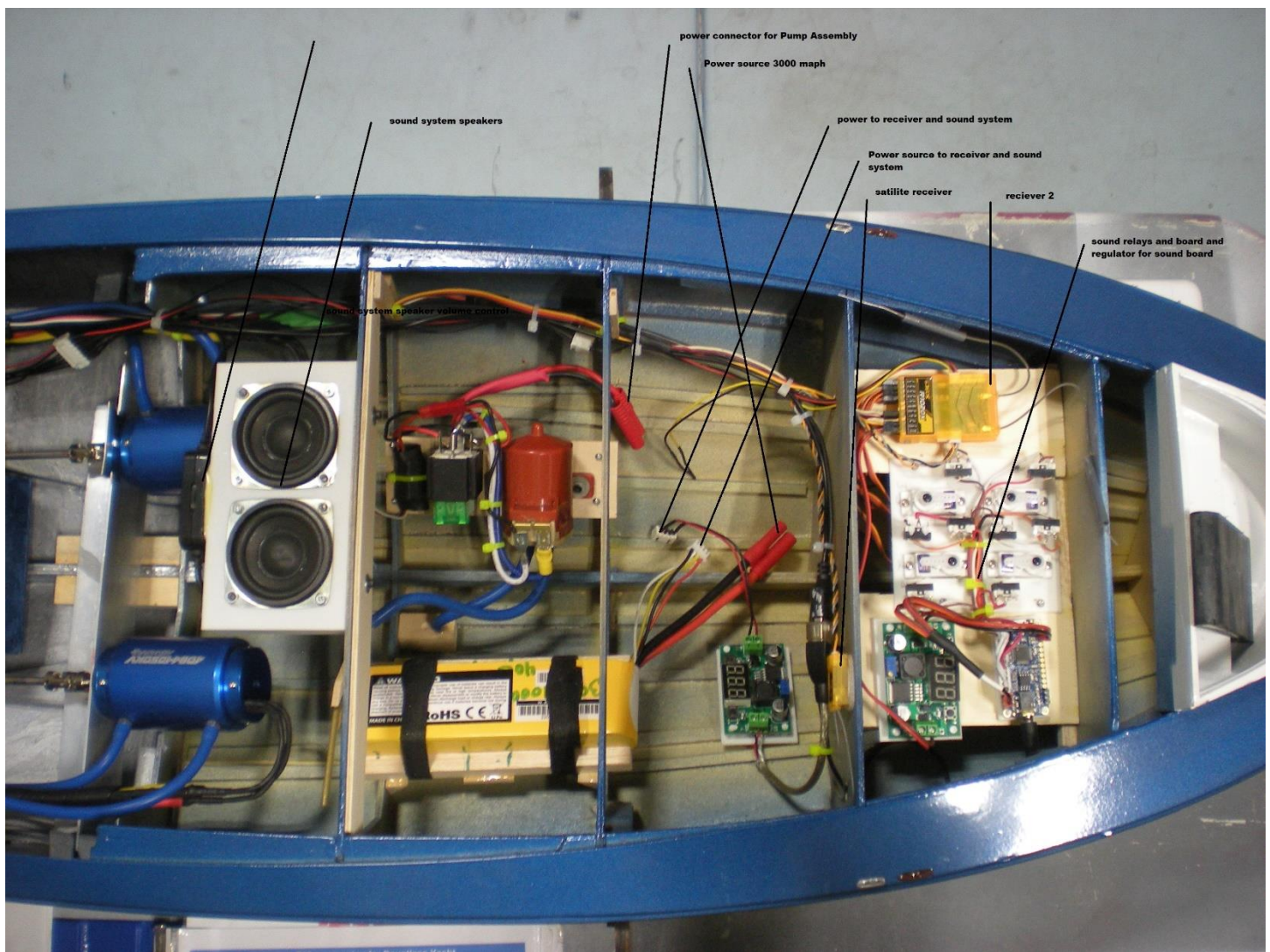
ARMING BATTERIES on the Flightline.

On the flightline, there are signs stating no arming of AC batteries in the pits. SOOooo I have an arming switch on my transmitter. Can I connect my batteries since they are not arming the plane or the sharp propeller? What about my Deans Arming plug, when it's out, can I connect batteries? The Safety officer and Board have determined Arming is interpreted as Batteries Connected. No connecting of Batteries in the pits/table areas is allowed. Connecting for Runs with Propellers off the motor may be OK. This issue is to be reviewed by the Board of Directors at the April 5th BOD meeting to address member concerns. An email will be sent once a more refined determination is worked out, or we'll talk it at the General Meeting.

Other Stuff: Boats

are covered under AMA, although I've not seen too many articles in the AMA Publication. They are a lot of fun and opportunity to explore technologies not included in airplanes or trucks.





This is the DUMAS Dauntless and while it may not look fast, those motors are 160 amp and speed controls are 120 amps continuous forward and 25% reverse. (bottom picture; forward circuits are power regulators, the 8 channel sound board to 8 transmitter switches. The same sound plays on the transmitter (16T) as in the boat.

THIS NEWSLETTER??? (From the Editor)

The club needs some new blood to take over the newsletter that I am temporarily assembling and sending out. Ed Heil assembled it before that.

I have flown RC in at least 24 states and even more clubs over the last 30 years, before that, it was control line and free flight. Clubs used to have Newsletters because there were no online services like email, web pages, Facebook, etc. Maybe all we need today is the web site postings. Newsletter type articles could be posted as submitted by members.



SEND IDEAS OR VOLUNTEER..

IT WASN'T ME!!!

Have you witnessed bad behavior, yelling, bullying and temper tantrums that may have caused members or visitors to feel alienated, maybe stop coming? It's been suggested the BOD have the authority to suspend or revoked memberships for good cause. I think they do!

In business, bad behaviors, degrade the work environment and result in expensive legal suits even without going to court. Typically, the courts sided with the plaintiff, (ie. sex harassment, bullying, discrimination, etc.

So What—Get Over it--- we're a model airplane club; ARS13-2921 is an Arizona Revised Statute that defines Harassment and is applicable to our club. The Club is a licensed business and recognized by the Arizona Corporation Committee listing board members. Suits can be brought against the club and officers for alleged violations they were aware of.

[https://www.gray-robinson.com/uploads/files/Tanzer_PCA_October2013\(1\).pdf](https://www.gray-robinson.com/uploads/files/Tanzer_PCA_October2013(1).pdf)

SPACE HERE FOR ADVERTISEMENTS;

Your ad could be here.

Send comments or material to the club's email; info@deserthawksrc.club

IT WAS ME !!

This was my Contra Rotating Propeller Telemaster taking off from Moses Lake RC Modelers field, Moses Lake WA.

Holding Ctrl and left click will get video going or copy the address into your browser.

<https://studio.youtube.com/video/0J2s2CO1ZbM/edit>



It eventually met it's end due to structural failure of the tail feathers during extreme inverted snap roll.



Anderson Field, Georgia. Near the notorious Anderson Civil War prisoner camp.

Senior Cadet with glider launch mechanism. Milledgeville Georgia.





It worked very well getting the glider up into the thermals and was fun flying either bird.



Flying in tight quarters, Bartrum Forest , Baldwin Co, Ga



Mount Rainer Club, Yelm, Washington. Strict noise level controls here. My Steerman was barely quiet enough for the sound meter. The engine noise and vibrations would resonate from the wing covering until the engine was idled up a bit.

