

Cedar Rapids Skyhawks LOG BOOK

Established 1962 - AMA Charter 1007

crskyhawks.org

MAY, 2021



**Jim Stickley's Old School
Models 55" Curtis Robin**

Photo by John Cox



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<http://www.crskyhawks.org>

Upcoming Events.

Saturday, June 5, Demo Day.

Sunday, June 6, 7:00 PM at the Skyhawks Field.

Saturday, July 10, Electri-Fly.

Saturday and Sunday, August 21 and 22, Iowa Pattern Championships.

Saturday, August 28, Warbirds Over Iowa.

TBD, Fall Swap N Fly.

Aviation in itself is not inherently dangerous. But to an even greater degree than the sea, it is terribly unforgiving of any carelessness, incapacity or neglect.

~Captain A. G. Lamplugh, London, 1930's

“The Skyhawks are a great partner and add a wonderful recreational element to our city.”

Daniel Gibbins, ISA
Former Parks Superintendent
Cedar Rapids Parks & Recreation Department

All club members must read and follow the safety rules. They are available on the website.

Reminder: You must have your current Skyhawks Membership Card to fly at the field.

Your current Skyhawks identification badge must be worn when you participate in a flying activity. If you are flying on a 72 MHz frequency or Ham band, you must use a frequency clip. Thanks.

Cover photographs needed for the Logbook

We would really appreciate people submitting photos for consideration for use as the Logbook cover. Cover photos need to be in portrait mode, and should be as high a resolution as possible, preferably 2000 by 3000 pixels or more. Furthermore, the top third of the photo should be sky or some other appropriate background so as not to interfere with the banner of the Logbook.

SkyHawks Meeting Minutes

May, 2021

The meeting was held at the airfield on Sunday, May 2, 2021. Todd Davis called the meeting to order at 7:00 pm. There were 20 members in attendance.

Geoff Barrance gave the treasurer's report. Current membership stands at 61 members.

David Logan read the minutes from the April 11, 2021 meeting.

Old Business

- **AMA Event Sanctions**

- We have submitted sanction requests and have received AMA approval to host the following AMA sanctioned events this year:
 - Electri-fly Event – July 10
 - Iowa Pattern Championships – August 21-22
 - Warbirds Over Iowa – August 28

- **Demo Day**

Our annual Demo day will be before the next meeting on Saturday, June 5th with a rain date of June 6th. This is an opportunity to showcase our hobby to the community, so bring whatever you have. It doesn't have to be big or spectacular. If anyone has trainers with buddy boxes, bring them too, as we may have children who would like to experience some stick time.

- **Iowa City Aerohawks Swap-N-Fly**

The Iowa City club is hosting a swap-n-fly event on Sunday, June 6th. They are located on Melrose Ave. West of Hwy-218 by the Iowa City Dump. If you have anything to sell, it may be a good opportunity to get rid of it and if you are looking to buy, it is a good opportunity to maybe fly before you buy.

- **Runway Replacement**

Todd Davis mentioned that we are still trying to negotiate with Belief Hardscapes, LLC to do the runway replacement. However, the owner has not responded to our requests to modify the contract as written. Also, he mentioned that a club member, Adam Stradt, has a contact with a contractor who has the heavy equipment necessary to precisely grade the air strip, but we have not gotten an estimate from him yet.

Randy Davis spoke up and asked why we are waiting until spring now to lay down the mat. He thinks we should finish it in the fall when we do the ground work. He stated that there are several members who fly late into the fall and early winter and waiting to lay the mat down would interrupt their ability to fly during these times. The answer that was given was that there are concerns about how much the ground may settle between when the ground work is done and the next flying season. If we wait until spring to lay down the mat, then any settling that occurred during the winter could be corrected prior to laying the mat material down.

Randy Davis expressed disappointment with the decisions that have been made to delay the runway replacement, since he put a lot of time and effort into locating and negotiating with someone who would be able to do the work. Discussion and some disagreement occurred about the meaning and interpretation of a particular contract clause in the contract that appears to some in the club to release the contractor from any and all liability.

Randy Davis mentioned that we need to get the mat and materials we need to accomplish this work, so when it's time to move on this project, we will already have the material on hand. He said that he has a place available where the mat could be stored until we are ready to replace it.

Mark Woytaszek made a motion that the club purchase the mat material and staples immediately, provided they are currently available. Jim Newman seconded the motion. The motion carried with unanimous consent. Wendell Maakestad will get the 8 rolls of mat material ordered from Stetson Building Products and will check into the availability of the staples. Randy Davis will store the materials in his storage unit but will need about a week's notice to prepare a spot for it to be securely stored. David Logan volunteered to drive to Des Moines to get the staples, if needed.

New Business

- **Hobby Town Perks**

The owners of the Hobby Town hobby shop in Cedar Rapids have offered us an incentive program to shop in their store for our hobby supplies. Starting Tuesday, May 4, members who present a Skyhawks membership card to them at purchase will have a percentage of the purchase donated back to the club at the end of the year. This is a great way for us to support our local hobby shop owners and also presents a good opportunity earn some money for the club.

- **Limited Access to the Garage**

Wendell Maakestad mentioned that the storage garage on the house has been screwed shut. The city had this done because it looked like the lock had been tampered with. We are working with the TUMA coordinator to get this access restored and having the door and lock fixed. It was also mentioned that TUMA is still going to mow for us even though it requires them to drive out of the way to get here due to the road construction occurring at the intersection north of the field.

- **Drone Incursions into Restricted Airspace**

Mark Woytaszek mentioned that there continues to be reported incidents of drones being flown into restricted airspace near airports especially in Kentucky. This is a reminder to us to always be mindful where we fly and to protect our flying privileges by educating drone pilots of responsible operation of their drones as their behavior affects our ability to continue to fly.

- **Welcome to New Members**

Isaac Niess was welcomed as a new member to the club. Isaac hails from Minot, ND.

- **Dog Walkers Using the Property**

Randy Davis mentioned that he has noticed people walking their dogs on the property. While we do not have a problem with them doing this, they should remain behind (West of) the flight line. It is not safe to walk their dogs South, East, or North of the flight line while aircraft are in the air.

- **Accurate GPS Reading for the Air Field**

Mark Woytaszek asked if it is possible for a Collins employee to check out a GPS unit that would give us accurate GPS coordinates for the center of the air strip so when we apply for FRIA status, we will have that available to the FAA/AMA.

Show N Tell



Mike Top brought his Styrofoam P-39 Airacobra from E-flite. He has a 6 channel receiver in the aircraft which has operational flaps and retracts. It uses a 3-4 cell lipo battery.

Gene Thorn brought his biplane that he has been working on. This is the same plane that he has shown on the Zoom meetings, but we got an up close look at this time. Gene custom made the cockpit controls and hand crafted the wire spoked wheels. He found this plane at Hobby Town for free. There were no plans available but he was able to finish it on his own. The dummy engine was 3D printed by his son, Bradford.

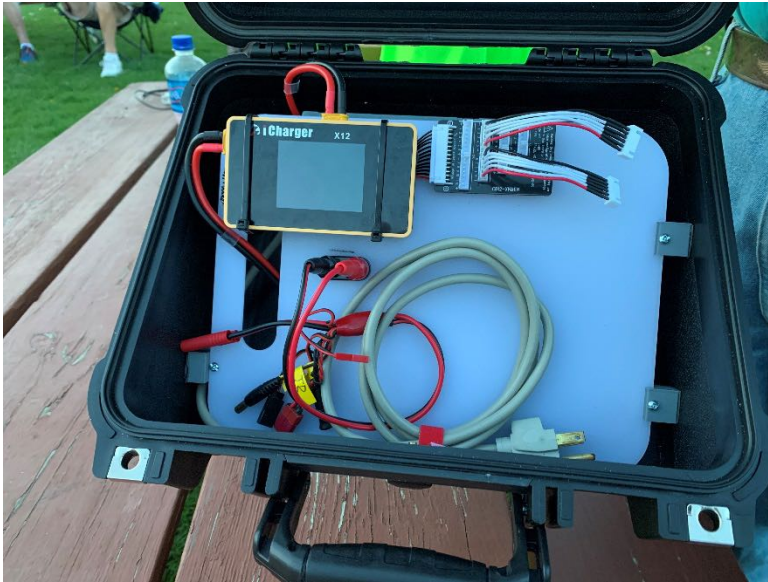




Todd Davis brought his servo programmers to show. He has recently purchased a new Hitec digital servo programmer/tester that will program the D series Hitec servos that many of us are using in our giant scale planes.



Mark Woytaszek displayed a new battery charging system he has set up. Using a case from Harbor Freight, he mounted charging equipment to a plastic cutting board purchased from a dollar store. The charging unit he has installed puts out 70 amps. It will charge all chemistries. The charging unit is an iCharger X12.



Close up view of Mark Woytassek's custom made battery charger.





Gene Thorn also brought some old photos to show some of the planes he has built and clubs that he helped lead in his earlier days of RC flying.

The next meeting was set for Sunday, June 6 at 7:00 pm. It will be held at the flying field.

Secretary's report submitted 5/4/2021 by David Logan.

The Puzzle Plane.

I needed a smaller practice plane that I could keep out in South Dakota . The smaller Osiris would help as I would not need to haul a bigger plane out west and it could be left there. Then it came to light that Mark Barrett had a wreck that he no longer needed -- the bigger Osiris. The plane had a “few problems” -- the nose had been replaced with many small sticks.

I picked it up and hauled it home – I think Mark was glad to make room. Some good news is the wreckage pile: the pile had a new canopy and cowl! I just needed to fill in the blank area from the cowl back to the undamaged part of the fuselage. See the first picture for more details...

No plans -- just pictures off the internet. They say a picture is worth... several puzzle clues in this case.

So I started the rebuild. Sorted the small pieces (read broken pieces). With those I could make a part, then trace it and make a new one. Looking at the covering I could tell where the nose /firewall started. It's amazing how many clues the carcass can give us if we listen and observe (and sometimes throw in some experienced ad libs...).

The second picture of the puzzle shows the new landing gear mounts and new fire wall. There was about 20 hours of work for those parts. There were no parts to trace for these parts, did have the landing gear mounting plate. Once again looking at the covering showed where the parts should set.



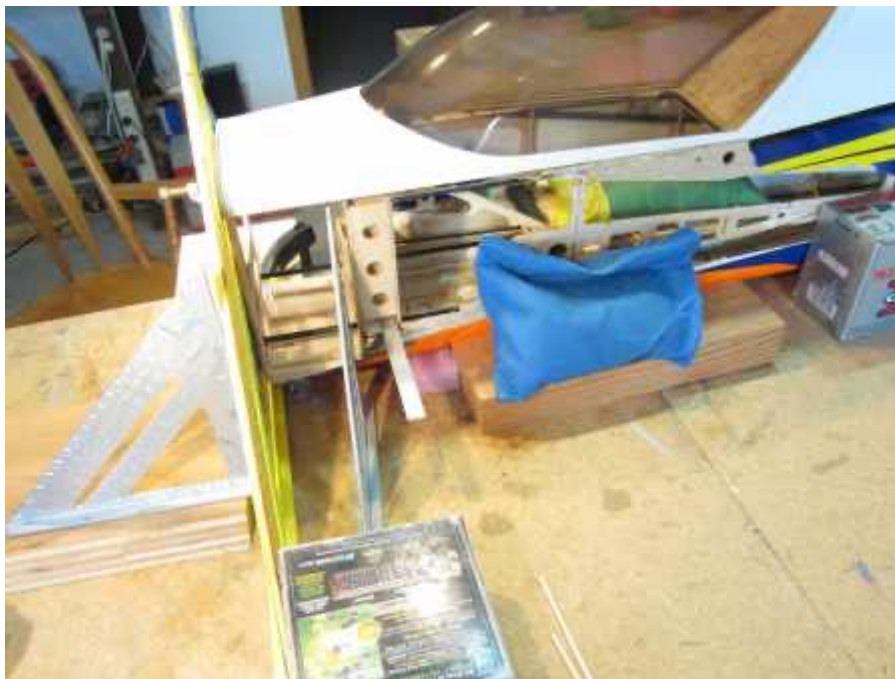


The bottom new sheeting spliced in to the old section, new stringers installed for the fire wall, and the landing gear plate is in rough position . The canopy helped in firewall position.





A few more clamps and fixtures and of course blue tape (I don't think it is possible to have too many clamps, fixtures, or too much blue tape – and don't forget the shot bags!). The part shown with big hole is new it spans the landing gear structure to the fire wall. The new puzzle plane will not have all of the light weight box structure inside so this is going to carry some load.



Above is the left side before installing some of the forward sheeting. The bags are 5 lbs shot bags. Box's of 12 gauge make good hold down/ alignment fixtures. The plane is on a center line . From the rear of the plane a cross laser squared the plane up.



Here the plane is “blue tape” assembled for a reward. Still a lot of work left: more inside structure, wing hold down and alignment, motor box. Looking at some pictures, the box is angled, the motor is off set (there were enough parts to tack the fire wall together).

Battery tray will be bottom of motor box and go to the fire wall. Some balsa sheeting, sanding , reverse engineering, some structure.

I can see the completion soon. It needs be to ready to take out west before the holiday season.

So pick up all of the parts from a woops. Get good pictures of all of the plane. And -- the wreck is not that bad. There must be a plane in this pile...

Mark

Cedar Rapids Skyhawks Instructors

We want you to have a positive experience learning to fly. The more successful you are starting out determines if you will enjoy the hobby. The most important first step is to find an instructor to help you get off to a good start. The best way to contact an instructor is to call and make an appointment. There is also an Instructor Availability Calendar on the Skyhawks Website.

Airplane Instructors

NAME	PHONE	EMAIL
Todd Davis	361-2513	tjdavis510@gmail.com
Wendell Maakestad	366-2650	wmaakestad@ImOnMail.com
Mark Barnett	310-2783	sharp11blade@gmail.com
Chuck Ficken	444-0839	charlesficken65@gmail.com

Helicopter Instructors

NAME	PHONE	EMAIL
David Shema	398-0995	dkshema@mchsi.com

Cedar Rapids Skyhawks Radio Control Club

Membership Application

Date: _____ Date of Birth: _____

Name: _____ Spouse's Name: _____

Address: _____ City: _____ Zip: _____

Phone: (H) _____ (W) _____ Email Address: _____ AMA#: _____

Proficiency Level (Circle One): Student Pilot Instructor

Xmitter Frequencies Used: _____ / _____ / _____ / _____

Active (Circle all that apply): Power Glider Helicopter Other _____

How did you hear about our club? _____

Membership Fees

Family \$78.00	Open \$60.00	Senior Citizen (65 and up) \$42.00	Junior (up to 14) \$12.00	Senior (15 to 18) \$30.00	Associate \$20.00
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All fees paid after October 1st each year will pay for the balance of the current year as well as for the following year.

If you are unable to pay at a club meeting, send your renewal with PROOF OF AMA (Photocopy of your current AMA membership card) to: Cedar Rapids Skyhawks, 1590 17th Avenue, Marion, IA 52302. AMA MEMBERSHIP REQUIRED TO FLY MODEL AIRCRAFT. YOU MUST SHOW YOUR CURRENT AMA MEMBERSHIP CARD OR PROVIDE A PHOTOCOPY TO A CLUB OFFICER IN ORDER TO OBTAIN A CLUB MEMBERSHIP CARD. ASSOCIATE MEMBERS WHO DO NOT FLY ARE EXEMPT.

Cedar Rapids Skyhawks
1590 17th Avenue
Marion, IA 52302

Deadline for submissions is the Tuesday following the Board meeting or the fifteenth of the month, whichever is later.
Consideration for exceptions will be made where the information was not available in time and is of wide interest.