



JCRC Flight Line

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Board Members

	Term
Anthony Hall -	2017 - 2022
Vic Koenig -	2020 - 2023
Skip Weller -	2019 - 2024
Jerry Black -	2020 - 2025
Craig Quillen -	2021 - 2026
Tim Edwards -	2022 - 2027

Editor's Notes

Learn-to-Fly: In the midst of several days of rainy weather, the day turned out to be a great one. We have lots of photos to share.

Update on Remote ID: The saga continues. The FAA regards all unmanned aircraft as Drones. We don't know how the required technology will be implemented. We have an update, of sorts, in a link to a video to "[boil it down](#)".

NASA's Artemis I mission is one step closer to the moon. Last night, the space agency began the spacecraft's four-mile move from storage to the launch pad in Cape Canaveral, Florida, and livestreamed the journey for all to see. Artemis I, (an uncrewed flight around the moon), is set for liftoff no earlier than Monday, August 29. It will pave the way for humans to return to the lunar surface for the first time in over 50 years — around 2026, NASA plans to send the first woman and the first person of color to the moon. Ahead of this year's launch, the organization is also asking the public to send all moon-related content its way. "Your Moon photographs, your Moon music, your Moon recipes, your Moon nail art, your Moon makeup tutorials," the website reads. "The sky is not the limit!" [Learn how to share here.](#)

Menu

[Club Activities](#)

[Field Information](#)

[Member Information](#)

[Flight Instruction](#)

[On the Flight Line](#)

[Meeting Highlights](#)

[From the Workbench](#)

[Wing Tips](#)

[For Sale](#)

[Upcoming Events](#)

[Upcoming at a Glance](#)

[Sponsors](#)

Next Meeting

Tuesday, 30 August 2022, 7:00 PM at the Airfield

Club Activities –

Learn-to-Fly – The recent event, organized by vice president Phil Swihart, was a bang-up success; Lots of fun and socializing and doing some good work at the same time. As a team, we were able to reach several new people of all ages. This is a fun hobby – infinitely complex or as simple as you choose to make it. It teaches us so many things, and gives us an activity to share with friends and family. Food and fellowship number high on the list.

And speaking of food, where would we be without Tim and the whole Grey Café crew. Tim is the boss (Marsha lets him think that), and he is supported by an excellent staff of assistants. Thank you everyone!



Brenda, Karen, and Dee Dee are ready to register our new flyers and send them to their assigned instructors.



After ground school, Gabriel pairs with Dave for his first flight. Mission complete!





Ground instruction covers the basic aircraft functions and operation. Dave is teaching Scott in the above photo and Keith is teaching Caleb from WCYB News Channel 5.



Do you think Caleb is having fun? As Dave talks him through his first takeoff, his smile could not get any bigger.



Phil (Director and part-time Camera Man), captures the action.



The magic of the "buddy box". Anyone can fly with a little help.





Ed shows Gabriel how to preflight.
Proud Grandpa Nick looks on.



Oh, the agony of da feet.
Aircraft recovery is also part of the hobby.



Let's not forget our long-time friend and sponsor. Bob's HobbyTown USA of Johnson City is a Horizon Hobby outlet and much more. Don't forget our 10 percent of retail cub discount!

[Back to Menu](#)

Field Information -

In preparation for the Learn-to-Fly event, Phil (with a little help from me) did some rivet head replacement. Phil had the brilliant idea to cut the heads off sheet metal screws and glue them in the missing rivet holes with JB Weld. The rivets were missing – not the holes... Anyway, that worked great and a little grey touchup paint made it look flyable again. Dave brought his portable pressure washer and he and Phil spent a few hours giving the old bird a good cleaning.

Some folks moved the rolls of chain link fence that was near the flight line – Thank you! They are now beside the maintenance shed, and available - Free to anyone would like to have them – They really would serve nicely to close off a garden or a place for a pet.



[Back to Menu](#)

Member Information –

Top Gun –

Rod Snyder took honors at Top Gun recently. I had the joy of attending that event in 1990 (before the advent of suitable turbines). The first turbine powered jets I got to look at up close were Rod's creations.

The L-39 jet in these photos is an EDF (electric ducted fan) from CARF Models. It is powered by four 7s 10,900 mAh LiPo packs. Wonder how long it takes to charge up those monsters?

He won 2nd overall in Expert Class and achieved the highest static score in class.



Memberships –

Our AMA membership rate is going to increase in the coming year. Phil writes:

"My current AMA Membership expires in Dec 2023, however, I was able to renew the subscription for 2 additional years at the present Senior Rate of \$60.00/year ... (beating the rate increase). New membership expiration is now Dec 2025..."

I am told that the JCRC early renewal discount will be available again this year. We will get more information at the August meeting. We'll cover it in detail in the next newsletter.

[Back to Menu](#)

Flight Instruction –

Flying is fun. Sometimes it's fun to just go out on your own and relax. You don't have to be an expert to enjoy flying. Nevertheless, flying is more fun when you can actually perform some basic aerobatic maneuvers. You can teach yourself, if you have enough time and enough airplanes. Or, you can obtain the expertise of someone who has been doing it much longer and has made most of the mistakes for you. Contact Vic or one of the instructors below to schedule training.

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Howard Weller	(423) 946-3840	louaw@comcast.net

And if you are interested in learning to fly helicopters, contact our webmaster, Craig Quillen, at webmaster@flyjcrc.com He is an amazing resource for getting started out in helis, or advancing your building and flying skills.

Flight Simulator –



I noticed the last few times out at the field, that the flight simulator is getting utilized quite a lot
That was an excellent idea and a valuable asset that will aid the club for years to come.

Thanks Glenn!

[Back to Menu](#)

On the Flight Line –

David Burnette sent me the picture at the right. I believe this is Ed McEntire teaching his grandson to fly. This is the sweetest photo. Makes me wish my grandsons were small again. Or at least, make me some great grandkids to play with.



Luther is at the field most every Tuesday morning, at the Chill & Grill in the evening, and again Saturday mornings. I always enjoy flying with him.

Vic and Phil converse, scheme, and plan between battery charges.



[Back to Menu](#)

Meeting Highlights-

I know the meeting was held at the Airfield Pavilion, following the Chill and Grill, because I was there. We had a couple of visitors and I'm pretty sure they signed up. I don't know what happened to the minutes from the meeting. The file I have doesn't make sense, but here are some pictures:



Dave brought a couple of nice items to auction. The first was a classic House of Balsa kit. Those kits are hard to find. Tim is the happy winner! The second item was a custom construction jig won by Phil. All proceeds went to the club. Thanks Dave!

[Back to Menu](#)

From the Workbench—

Edge 540 Cowl Installation –

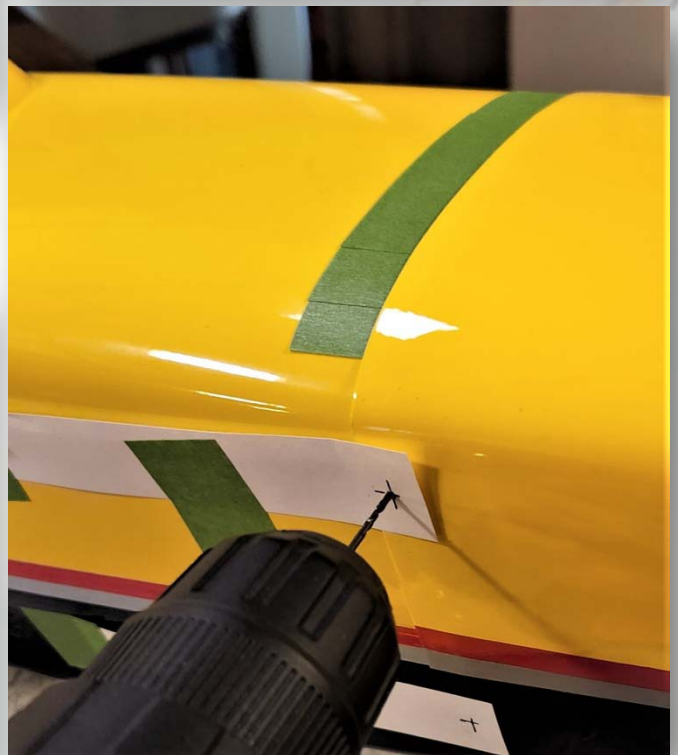
I've often struggled to get the cowl in just the right place. We want the spinner centered and a 16th to an 8th of an inch of clearance for the backplate. Here is a method I've recently discovered. It may be old hat to a lot of you, but maybe some will find it helpful.



Tape strips of paper along the forward fuselage and mark the mounting screw locations. Then slip the cowling under the strips and get it centered and spaced.



Put 4 layers of tape on the forward end of the hatch to set the top cowl clearance.



When you are satisfied that everything is just like you want it, drill through the cowl and mounting block. Then drill only through the cowl with a slightly larger bit.



Just a habit I got into: When flying nitro, we need to cushion our cowling from the vibrations or it will crack around the mounting screws. I always used to cut thin circles of fuel tubing to use as washers. I doubt we need bother with this for our electric motors, but there are still a lot of us flying nitro and gas.

I stumbled onto these in the plumbing department at Lowes. They don't squish around like the fuel line and fit perfectly under a pan head or button head screw.



Share some pictures -
What's on your bench?

[Back to Menu](#)

Wing Tips—

Control Rod & Linkage Sizing –

Dave Jones (our president), built 2 really nice stands and put one on each end of the flight line work tables. The stand keeps the tail from banging on the table for us that have to turn our planes upside down to install batteries or work on them. They also allow us to run retracts up and down.

Luther is building a good size plane with retracts (a Texan, I think) and needs a stand like this for it.



Luther wanted his stand to be a little longer and a little taller. The pieces all fit pretty tight, even without glue. He suggested we leave them as is (unglued) so if you ever want to change the dimensions, you just cut some new pipe pieces. Brilliant!

James Barker is getting the lowdown.

All ½ " PVC

Caps	4
Cross	2
45 Elbow	4
90 Elbow	4
6" Pipe	8
3" Pipe	4
24" Pipe	2

Pipe comes in 5' and 10' lengths at Lowe's.



We live in an older home, and I'm always repairing something. I happen to have a really nice pair of PVC pipe cutters. You won't believe how much easier and cleaner they are than a hacksaw. You are welcome to borrow them or I can meet you at the field if you want to build a stand.

[Back to Menu](#)

For Sale– Slow Poke –

Duraflly Slow Poke from Hobby King. I've had this plane a few years, but only just put it together over the winter. It is still in production and replacement parts are available (not that you would need them). I built a Balsa version of this plane many years ago and it was a nice gentle flyer. I've had this one out to the field twice, and it is not "slow and gentle". I've not crashed it, but have not been successful in getting the balance and throws just right. I really like the looks of this plane, and if I had the room, I'd keep it. Includes Motor, ESC, and DSM2/DSMX Receiver.

\$125.00



Let me know if you have something to sell.
Drop me an email at: newsletter@flyjcrc.com

[Back to Menu](#)

Upcoming Events- 2022

By the time the August newsletter comes out, we will have had our National Model Aviation Day celebration and annual club picnic. Our next event will be the Senior Pattern Association competition.

Later in September, will be the Night Flight celebration. Strap on some LEDs – anything with lights will be fine. If you can see it, it's ok.

We still need an event manager for the Halloween Fun-Fly. Volunteer at the next meeting, or send an email to events@flyjcrc.com.

JCRC 2022 Event Schedule

Event	Date	Event Manager	Location	Status
	<i>Club Sponsored</i>			
First Fly	1 Jan 2022	Skip Weller	Air Field	Completed
Indoor First Fly - Open to the Public	12 Feb 2022, Noon till 4 PM	Tim Edwards	KPT Auditorium	Completed
Indoor Second Fly - Open to the Public	12 Mar 2022, Noon till 4 PM	Tim Edwards	KPT Auditorium	Completed
Spring Fun Fly and Swap Meet - Open to the Public	14 May 2022, 9 AM till 4 PM	Johnny Judd	Air Field	Completed
Learn To Fly with JCRC - Open to the Public	30 July 2022, 9 AM till 2 PM	Phil Swihart	Air Field	Completed
National Model Aviation Day and Club Pic Nic – Members and invited Guests Only Event	13 August 2022, 9 AM till 4 PM	Anthony Hall	Air Field	Completed
 Night Flight, It's All Right!!	27 September, 2022, 8:00 PM till 11:00 PM	Skip Weller	Air Field	
Halloween Fun Fly - Open to the Public	29 October 2022, 10 AM till 4 PM		Air Field	
	<i>Non Club Event, Club Hosted</i>			
Third Annual East Tennessee SPA Competition – Public Spectators Welcome	September 10 & 11, 9 AM till 4 PM, Saturday & 9 AM till 1 PM, Sunday	Jerry Black & Vic Koenig	Airfield	

[Back to Menu](#)

Upcoming Activities at a Glance–

National Model Aviation Day and Club Picnic

**13 August 2022, 9 AM till 4 PM
At the Airfield**

SPA Competition

**10-11 September 2022,
9 AM till 4 PM Sat &
9AM till 1PM Sun
At the Airfield**

Night Flight, It's All Right!!

**27 September, 2022,
8:00 PM till 11:00 PM
At the Airfield**

Halloween Fun Fly

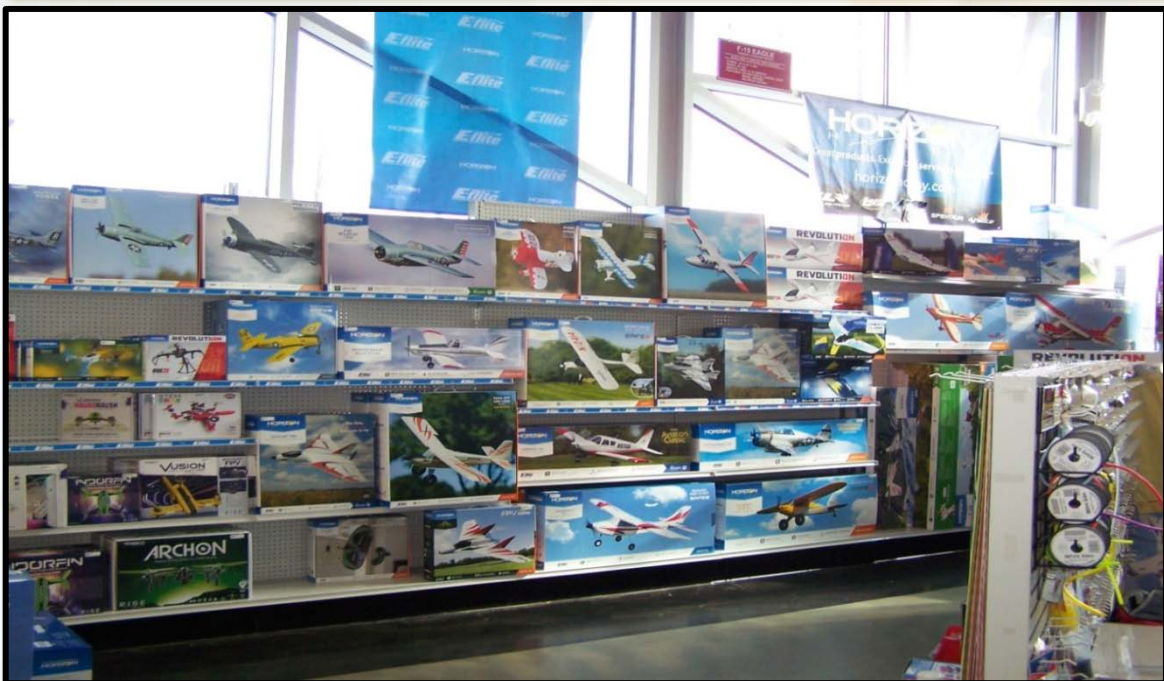
**29 October 2022, 10 AM till 4PM
At the Airfield**

[Back to Menu](#)

Sponsors-

Hobby Town USA

Located at 3515 Bristol Highway in Johnson City, Hobby Town offers a full range of hobby needs, from model rail roading, to automotive modeling and aviation modeling. A strong sponsor of JCRC, they offer JCRC club members a 10% discount. Phone: (423) 610-1010.



[Back to Menu](#)