

*The Johnson City Radio Controllers*

*MEMBERS' HANDBOOK*





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# 1. Welcome

Welcome to the Johnson City Radio Controllers (JCRC) Club!! This handbook has been created to provide members, new and old, with information about your club and its operation as well as cover some responsibilities expected of you the members. We are pleased that you have chosen to enjoy our aeronautical hobby with our club and want you to not only have a comfortable and safe place to fly but also to be a part of a fellowship of like-minded hobbyists.

We are proud, and rightly so, of our facility and believe it to be among the finest and best facilities for Radio Controlled hobby flying in the South East United States. We are fortunate to have a positive relationship with the City of Johnson City and are grateful that they have allowed us to not only use but to also improve on their landfill site to provide a dedicated flying venue. Our club is indeed fortunate to have Odom-Fennell Field at the Tri-Cities Model Airport and we know you will enjoy flying here as much as we do.

We are an AMA chartered club (charter number 2306) dedicated to furthering the hobby of aeronautical modeling and flight. We fly under the rules of the AMA and purely for pleasure. Our club was formed to support that approach with the objective:

*The JCRC was organized for the educational and recreational use of model aircraft. JCRC's goal is to bring new people into the hobby of building, learning, and training new members to fly model aircraft and providing an opportunity to enjoy the hobby of aeronautical modeling and fellowship with other modelers.*

*This objective is met with the promotion of growth and participation by;*

- 1. Stimulating interest among the general public.*
- 2. Instructional and educational activities.*
- 3. Assisting in the art, design, construction, and flying of model aircraft.*
- 4. Encouraging aeronautical interests.*



Johnson City Radio Controllers' Club

Again, welcome to the club and we hope this handbook gives you some useful information and guidance in a concise and easy to find and useful manner.

Happy Flying, Safe and Gentle Landings and enjoyable fellowship describes activities we hope you find here with the Johnson City Radio Controllers' Club (JCRC).

# *Your Fellow Club Members*



## 2. Background and Club History

The Johnson City Radio Controlllers started in February 1986 when a group of hobbyists started a club to begin flying in a farm pasture in the Boones Creek, Tennessee area.

JCRC was formed, Officers elected, application made to become an AMA chartered Club, and the first year's budget of \$570.00 was spent to prepare Farmer Walt Tittles' field as a flying site.

In April, after preparing the site and seeding the runway, DISASTER struck!! It was a dry season, there was no water for the new grass, and then a fire destroyed the flying site. Left without a field, we began a new search for a site. Attempts to fly at the Sullivan County Industrial park met with the Industrial Commission's decision ""the Piney Flats Industrial Park is not for recreational use"".

Johnson City Radio Controlllers' Club

The hunt went on and in July 1986, JCRC was finally able to begin flying, thanks to Mr. Decker, who owned the Old Decker Airfield in Jonesborough, TN. We had a home until 1994 when the owner bowed to neighbor noise complaints and closed the field to model flying.

At about this time, Johnson City closed its Bowser Ridge Sanitary Land fill located off Eastern Star road. Aware of the closing and of the desire of many different groups to have access to the site we, with assistance from AMA, began the necessary exploration with Johnson City government personnel to make the case for Bowser Ridge housing a model Airport with JCRC as its custodial and resident Flying Club.

Hard work and persistence paid off and in October of 1994, Johnson City signed a five year lease with JCRC and the Tri-Cities Model Airport at Bowser Ridge became reality.



In 1996, a covered Pavilion and safety fences were installed and in 1996 JCRC officially dedicated the field as the Odom field in honour of one of the founders and driving forces for the site, who had passed away at age 53 in 1995.

From 1994 through 1997, JCRC made improvements on the field, from flying off bare dirt to finally flying off a struggling grass field. Getting and keeping good grass was, and still is, a struggle.

In March 1997 the Johnson City Commissioners unanimously voted to allow and assist JCRC to install a 500 foot by 30 foot asphalt runway and by May the 12th, JCRC had two runways, one in grass and one paved with asphalt.

In 1998, JCRC began a restoration project on the Johnson City Memorial T-33, under the leadership of Ed Fennel. Construction of flying pads and taxiways was completed

Johnson City Radio Controllers' Club in late 1999. The T-33 Project was completed; the Plane sited on a pedestal at the field entrance and dedicated in June of 2000.

In 2017, our 20 year old runway was regraded and repaved, addressing some of the worst effects of ongoing settlement issues. It was rededicated July 22nd, 2017 as the Odom-Fennel Field in honor of two founding members, without whom there would be no JCRC or our current flying site.

In 2019, we added a 12 foot by 30 foot covered Sun Shade on the North side of the Flight Preparation area to provide overhead shelter for the Flight Prep Tables, as well as a rainwater catchment system to provide non-potable water for field maintenance. In 2021 we added a 12 foot by 20 foot shelter over the Chill and Grill preparation area to support our weekly Tuesday evening Grill party during the Summer months.



In 2022, we added a second Sun Shade on the South side of the Flight Preparation area over the Flight Prep Tables and installed electrical outlets on both shelters. In the Fall we sealed the runway surface.

Our Club meets monthly January through November on the last Tuesday of the month at 6:45 PM. Our meetings serve two purposes; first is to conduct the business of the club including scheduling work days, voting on club initiatives and priorities and discussing matters that affect the club or our sport, second, as a forum for good fellowship and for sharing knowledge. During the summer, meetings are held at the field and during the fall and winter; the president picks a meeting location which is announced in the newsletter and on the club website ([www.flyjrcrc.com](http://www.flyjrcrc.com)).

Also during the summer, on Tuesday evenings, starting at 6PM, we gather for a “Grill and Chill”. The club serves

Johnson City Radio Controllers’ Club Hamburgers or Hot Dogs with members invited to contribute anything they wish as a side or dessert. All members, family members and guests are welcomed.

You can find copies of our By-Laws and other important documents on the website ([www.flyjrcrc.com](http://www.flyjrcrc.com)) as well as electronic copies of the current and previous monthly newsletters. There is a searchable member database with names, addresses, email addresses and phone numbers. The database requires a code to make searches and information on minors is restricted.

The home page provides a dashboard of important club information, a current wind speed and direction, and a picture link to three field webcams which update every few minutes. Club officer names, email addresses and phone numbers are on the “Contact Us” page. You should



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familiarize yourself with the site and its contents and check it often for updates ([www.flyjcrc.com](http://www.flyjcrc.com)).

### 3. Odom-Fennell Field Information

Our GPS Location is:

**Latitude:** 36 degrees, 25 Minutes 6 Seconds North

**Longitude:** 82 Degrees, 32 Minutes, 7 Seconds West

**Elevation :** 1,713 ASL

JCRC Flies from a 500 foot long, 30 foot wide asphalt paved runway located on the Johnson City Landfill at Bowser Ridge. We have a 15 to 20 foot wide Grass strip on the far side of the runway and four concrete







taxiways to the runway from flight stands on the near side.

Our runway is oriented along 20 degrees through 200 degrees magnetic line.

We have a covered Pavilion with observation seating, a covered Charging and meeting station, fifteen flight tables, spectator bleachers, Porta Potty facility and 110 volt electrical

Johnson City Radio Controllers' Club service. There are two 12 foot by 30 foot Sun Shelters covering our Flight Preparation tables. We have a 12 foot by 20 foot covered food service area. Wi-Fi service is available under the Pavilion.

We also have a designated Control Line pad and Quad Copter flight area.

## 4. Odom-Fennell Flight Boundary and Envelope

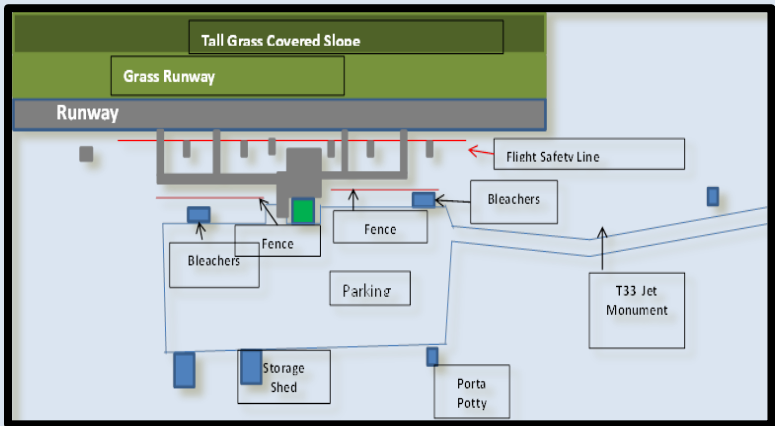
The picture below shows the current Flying Envelope and boundaries for our field





## 5. Odom-Fennell Field Runway and Safety Diagram

The picture below shows the physical location of structures, facilities, runways and safety fences and lines at our flying field:



On occasion, members may need to retrieve downed aircraft from the flying area (downrange). To facilitate this, Johnson City has provided a key for the locked gate located at the Washington County Tire Recycle facility. This gives access to the roadway leading into the flight area. The key is stored in the Flight Cabinet located under the main Pavilion

and is attached by a chain to a metal bar labeled "Key to Gate".

If a member goes downrange, they must inform all flyers and secure agreement to cease flying until their return.

Members should retrieve their craft expeditiously to limit disruption to other flyers. Once retrieved, return the key to the



flight cabinet and announce your return.

## 6. Odom-Fennell Field Rules

### JCRC Field Rules

- All pilots must abide by JCRC, AMA, and FAA rules.
  - Any aircraft in an emergency (dead stick) has the right of way!
  - All non-2.4 GHz radios in use will be designated using channel number frequency pins.
  - Any craft requiring an FAA registration number flown at the JCRC Airport must have the FAA Registration number and AMA number visible on the exterior of the craft.
- Johnson City Radio Controllers' Club
- All pilots will fly within the designated flying boundaries of JCRC model airport (see map at field)
  - Any aircraft requiring an FAA registration, when making a high speed low pass (below 20 ft AGL), will be announced by the pilot before execution and will be flown parallel to the paved runway and at least 80 ft beyond the safety fence.
  - Any aircraft within 10 ft. of safety fence **MUST** be flown at aircraft's landing speed.
  - No 3D flying will be done within 60 FT. from the safety fence.
  - JCRC recommends anytime more than 2 pilots are flying a spotter be



used. Spotters are required for FPV flights.

- No aircraft shall exceed 98 dBA per JCRC Noise ordinance 3251.
- All model aircraft will yield to full-size aircraft and land immediately.
- No one shall operate a model aircraft on these premises while under the influence of alcohol or mind altering drugs.
- Members and guests shall conduct themselves in a civil and sportsmanlike manner at all times.
- All non-flying visitors, guests, spectators, etc. shall remain behind the spectator fences or under the pavilion roof area. They may visit the pit areas only when invited and accompanied by a JCRC member.

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- All animals must be kept on a leash and behind the spectator fences or under the pavilion roof area. Any and all damage occurring from an animal is the financial responsibility of the animal's owner. Owners must clean up after their animals, and removing animal waste from the field
- Any engine break in runs shall be done at the most remote pit station.
- **DO NOT LITTER THE FIELD.** All litter will be placed in the appropriate container /or removed the same day by the responsible party.
- All pilots must be a current AMA member to fly. Note: Any participant participating in any JCRC educational activity or the JCRC "Learn to Fly"



program held at the field is covered under AMA rules.

- Members who observe club property being misused or field rules being violated are requested to report the incident to a club officer.
- Flying hours are 8am till sunset Monday through Saturday and 1pm Sundays till sunset. Exceptions require prior approval by the JCRC president or the Board of Directors.
- Night flying is limited to electric powered aircraft with lights for night flying. All night flying will cease prior to 11pm.
- Anyone who causes damage to another's aircraft or property (**EXCLUDING MIDAIR'S**) shall be held

#### Johnson City Radio Controllers' Club

liable for any and all repairs or damages.

- Taxiways allow aircraft access to and from the runway. Pilots must physically control their aircraft at all times while in the pit area. Aircraft heading to the runway must be carried to the taxiway going straight towards the runway. While the aircraft is pointed towards the runway on the taxiway, pilots may control aircraft by their radio. Upon returning from the runway, the aircraft is allowed to power back up the taxiway. The pilot should stand in the center of the taxiway and pick up their aircraft after it passes the Safety Fence. Following these guidelines, an out-of-



control aircraft will not be in a position to injure anyone in or around the pit area. There will be no take offs from or landings to the shelter/pavilion side of the flight line safety fence. Hand launches will be made by standing within 12 inches of the safety fence or on the red line painted on the taxiways and launching towards the flight envelope.

- No obstacles (hoops, temporary wind socks, marker poles, sun blinders etc.) will be placed on the runway or the approaches to the runway unless being used to mark a hazard or specifically allowed as part of a scheduled event and will be immediately removed at the event's conclusion or the hazard is

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no longer present. Hoops may be set up in the Control Line area for Quad flyers, but must be removed after use.

*Revised 03/31/2023*

## **7 AMA Flight Rules**

### **Academy of Model Aeronautics National Model Aircraft Safety Code**

*Effective January 1, 2018*

A model aircraft is a non-human-carrying device capable of sustained flight within visual line of sight of the pilot or spotter(s). It may not exceed limitations of this code and is intended exclusively for sport, recreation, education and/or competition. All model flights must be conducted in



accordance with this safety code and related AMA guidelines, any additional rules specific to the flying site, as well as all applicable laws and regulations.

As an AMA member I agree:

- I will not fly a model aircraft in a careless or reckless manner.
- I will not interfere with and will yield the right of way to all human-carrying aircraft using AMA's See and Avoid Guidance and a spotter when appropriate.
- I will not operate any model aircraft while I am under the influence of alcohol or any drug that could adversely affect my ability to safely control the model.

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- I will avoid flying directly over unprotected people, moving vehicles, and occupied structures.
- I will fly Free Flight (FF) and Control Line (CL) models in compliance with AMA's safety programming.
- I will maintain visual contact of an RC model aircraft without enhancement other than corrective lenses prescribed to me. When using an advanced flight system, such as an autopilot, or flying First-Person View (FPV), I will comply with AMA's Advanced Flight System programming.
- I will only fly models weighing more than 55 pounds, including fuel, if certified through AMA's Large Model Airplane Program.



- I will only fly a turbine-powered model aircraft in compliance with AMA's Gas Turbine Program
- I will not fly a powered model outdoors closer than 25 feet to any individual, except for myself or my helper(s) located at the flightline, unless I am taking off and landing, or as otherwise provided in AMA's Competition Regulation.
- I will use an established safety line to separate all model aircraft operations from spectators and bystanders.

For a complete copy of AMA's Safety Handbook please visit: [modelaircraft.org/files/100.pdf](http://modelaircraft.org/files/100.pdf)

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## 8 FAA Definition of Recreational UAS Operation

The rule for operating unmanned aircraft systems (UAS) or drones under 55 pounds in the National Airspace System (NAS) is 14 CFR Part 107, referred to as the Small UAS Rule. However, if you want to fly a drone for purely recreational purposes, there is a limited statutory exception ("carve out") that provides a basic set of requirements.

**The exception for recreational flyers only applies to flights that are purely for fun or personal enjoyment. When in doubt, fly under Part 107.** *Emphasis added*

The Exception for Limited Operation of Unmanned





Aircraft (USC 44809) is the law that describes how, when, and where you can fly drones for recreational purposes. Following these rules will keep people, your drone and our airspace safe:

- a. Fly only for recreational purposes (enjoyment).
  - b. Follow the safety guidelines of an FAA-recognized Community Based Organization (CBO).
  - c. Note: We have not yet begun officially recognizing CBOs. Recreational flyers are directed to follow the safety guidelines of existing aeromodelling organizations or use the FAA provided safety guidelines per Advisory Circular 91-57B.
  - d. Keep your drone within the visual line of sight or use a visual observer who is co-located (physically
- Johnson City Radio Controllers' Club next to) and in direct communication with you.
  - e. Give way to and do not interfere with manned aircraft.
  - f. Fly at or below 400' in controlled airspace (Class B, C, D, and E) only with prior authorization by using LAANC or Drone Zone.
  - g. Fly at or below 400 feet in Class G (uncontrolled) airspace.
  - h. Note: Flying drones in certain airspace is not allowed. Classes of airspace and flying restrictions can be found on our B4UFLY app or the UAS Facility Maps webpage.
  - i. Take The Recreational UAS Safety Test (TRUST) and carry proof of test passage.
  - j. Have a current registration, mark (PDF) your drones on the outside with the



registration number, and carry proof of registration with you.

- k. Do not operate your drone in a dangerous manner. For example:
- l. Do not interfere with emergency response or law enforcement activities.
- m. Do not fly under the influence of drugs or alcohol.

Individuals violating any of these rules, and/or operating in a dangerous manner, may be subject to FAA enforcement action.

## 9 Procedures when at Odom-Fennell Field

When at the field, **HAVE A GOOD TIME!!**

If you are the first person to arrive at the field, unlock

Johnson City Radio Controllers' Club the gate and close the lock onto the chain, ensuring you run the tumblers off the unlock code. Open the flight cabinet and sign in on the sign in log sheet located on a clipboard on the shelf at chest height. We keep a record of flyers, by date, to document field use.

When flying at Odom-Fennell Field, we require you have in your possession the following:

- Your JCRC Member card
- Your AMA Membership Card
- Proof of your completion of the TRUST test
- Your FAA Registration Number

You can keep a copy of all these items in the pouch attached to your JCRC Lanyard or clipped on your



person. You can also keep an electronic copy of these documents on your smart phone, if you have one. Either way, you should be able to produce these should any authorized party (law enforcement or an FAA representative) ever ask to see them.

When at the field, always check the condition of your aircraft and your radio controls before flying. Remember to place your craft on the taxiway at the safety fence and taxi to the runway. On return, taxi no further than the red line at the safety fence then carry your craft back to the flight table.

If you fly using fuel, please clean up the flight tables after use as the fuel softens the painted surfaces. Pick up after yourself and make use of the trash containers and the concrete battery pot for damaged or dead batteries.

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Be courteous and friendly to other flyers. Greet and welcome any visitors. Obey the field rules posted on site. If there are more than two flyers in the air, please use a spotter. Always announce in a loud voice your movement intentions such as **Landing – Left to Right or Right to Left; Taking Off- Left to Right or Right to Left; Hand Launching, On the Runway or Off the Runway, etc..**

Try to make sure others at each end of the flight area heard and are aware of your intentions.

If there are drinks in the refrigerator and a sign with a cost, please pay for any drinks you use. When you pay, we restock. That comes in handy in the summer when it's really hot and muggy.

If you are the last person at the field, check the area to make sure it is clean and neat.



If anyone left something, put it into the flight cabinet. Secure the cabinet and lock. Turn off any lighting. Report any field issues to the club President. His phone number is on the website.

When you depart, lock the gate. Make sure you place the JCRC Tumbler Lock below the Johnson City Key lock so that Johnson City Personnel can gain entry using their lock. Make sure you run the tumblers off the unlock code and the lock is engaged.

***Drive home safely!***





## APPENDIX A – SECURING THE FIELD

We are responsible for security of our flying field as part of our lease agreement with the City of Johnson City. There are two locks at the flying field that every member must ensure are properly locked. The combination for these two locks is the same and is provided to each member in good standing when the combinations are changed. Combinations are changed annually, at the end of the **1 January First Fly** event or if the combination is compromised. One lock is on the front gate and the other is on the flying cabinet under the main pavilion. On the front gate there is also a second, keyed lock. This lock is for the City of Johnson City use and should not be trifled with by JCRC members.

See the pictures below:





It is the responsibility of the last member at the field when leaving the field to ensure the cabinet is closed and locked and that the gate is locked when the member leaves.

#### Close the Gate.

- Put the silver part of the lock through a white link in the chain
- Put the silver part through a second white link making sure the chain and lock forms a complete loop encircling BOTH the gate and the gate post
- Ensure both ends of the silver part of the lock are inside the brass colored piece of the lock by squeezing the silver part into the brass part
- While still squeezing the lock, spin the number wheels to a different set of numbers other than the unlock combination
- Finally, pull on the lock to make sure the silver part doesn't come back out again.

#### Close the cabinet door.

- Put the silver part of the lock through the male part of the door hasp tab
- Ensure both ends of the silver part of the lock have are inside the brass colored piece of the lock by squeezing the silver part into the brass part
- While still squeezing the lock, spin the number wheels to a different set of numbers other than the unlock combination
- Finally, pull on the lock to make sure the silver part doesn't come back out again.



## APPENDIX B – USEFUL INFORMATION

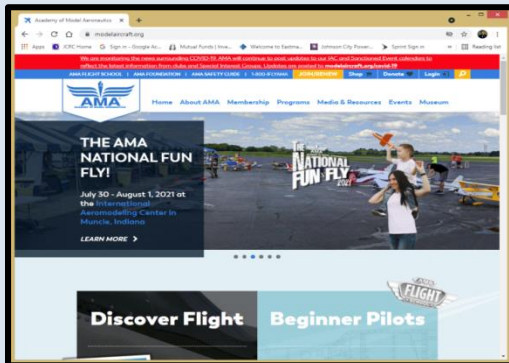
The following pages cover how to join the AMA, or to renew current membership, how to register with the FAA, or renew your existing registration, how to take the TRUST Knowledge test and Frequently Asked Questions about TRUST, and information about LAANC. It also has a link to a mapping tool to show where controlled airspace in the region exists to assist you in making sure you are not inadvertently flying where you shouldn't when not using the Club airfield and some final instructions/reminders.

### JOIN OR RENEW AMA

The AMA website is:

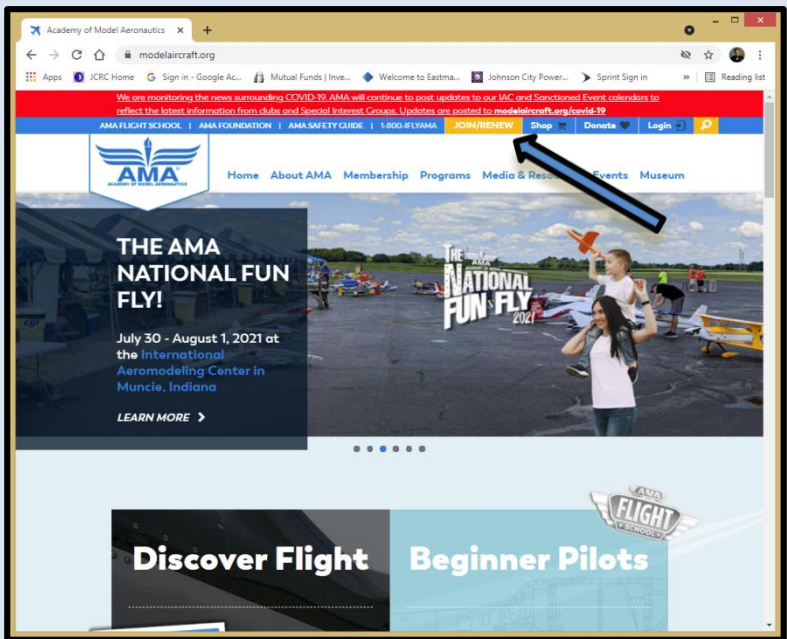
<https://www.modelaircraft.org/>

When you click the link, the home page appears:





At the top, select the “Join/Renew” Hyper link.



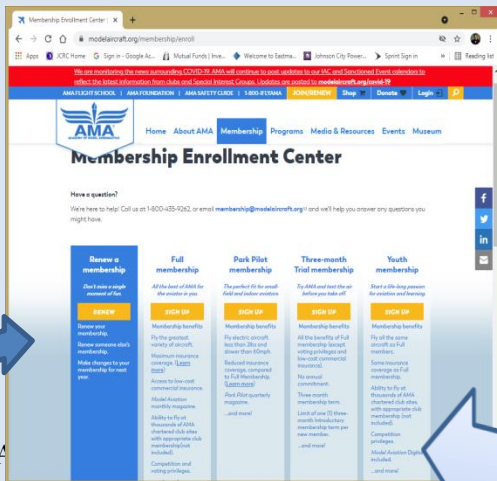




## Johnson City Radio Controllers' Club

The following page will open:

Then select the correct hyperlink and follow the instructions/Prompts.



Renewing your membership  
or Joining



## REGISTER OR RENEW WITH THE FAA

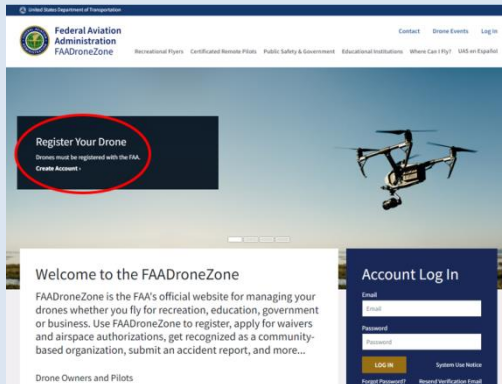
If you have never registered, then take the time to do so now. Remember, you must have your FAA registration in place and marked on your aircraft to fly at Odom-Fennell Field.

""Yes, I know, you think we don't fly drones, but to the FAA, all Unmanned Aircraft are drones...""

1. **To Register:**

Go to [faadronezone.faa.gov](https://faadronezone.faa.gov). When you are on the webpage, select the **Create Your Account** link in the box that says **Register Your Drone**.

**Note:** *You do not need to register your aircraft if it is under .55 lbs (250 grams).*





## To Renew:

Go to [faadronezone.faa.gov](https://faadronezone.faa.gov). When you are on the webpage, find the Account Log In box and enter your email and password. **Once logged in, skip to step 6.**

United States Department of Transportation

Federal Aviation Administration  
FAADroneZone

Contact Drone Events Log In

Recreational Flyers Certificated Remote Pilots Public Safety & Government Educational Institutions Where Can I Fly? UAS en Español

Register Your Drone  
Drones must be registered with the FAA.  
Create Account

Welcome to the FAADroneZone

FAADroneZone is the FAA's official website for managing your drones whether you fly for recreation, education, government or business. Use FAADroneZone to register, apply for waivers and airspace authorizations, get recognized as a community-based organization, submit an accident report, and more...

Drone Owners and Pilots

Account Log In

Email

Password

LOG IN System Use Notice

Forgot Password? Resend Verification Email

**\*Note:** *The FAA uses the term 'drone' to address all UAS, including model aircraft.*



2. A box will pop up about an **FAADroneZone System Use Notice**. Click on the **I Agree** button.

**FAADroneZone System Use Notice**

**PRIVACY ACT STATEMENT:** This statement is provided pursuant to the Privacy Act of 1974, 5 United States Code (U.S.C.) § 552a.

You are accessing a United States (U.S.) Government information system which includes (1) this site and (2) the computers and networks connected to this site. The information system is provided for U.S. Government-authorized use only. You may find information about how the Federal Aviation Administration (FAA) will handle information that you provide through this Site in our Privacy Policy and our Privacy Act Notice. Users have no expectation of privacy while using the site. For any lawful Government purposes, such as identifying wrongful attempts to upload or change information in the system or otherwise cause damage to the web service, the Government may monitor and intercept information transiting or stored on the system. Use of this system constitutes consent to such monitoring or interception. Unauthorized or improper use of this information system may result in civil and criminal penalties.

Scroll to view entire System Use Notice.

**I AGREE**



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3. You will be asked to create an account. Enter your information into the required boxes and select the **Create Account** button.

### Create Account

To register you must be 13 years of age or older.  
Use a valid email address as you will need to verify your account.

\* Indicates a required field.

FIRST NAME*	Enter First Name
MIDDLE INITIAL	Enter Middle Initial
LAST NAME*	Enter Last Name
SUFFIX	Enter Suffix
EMAIL*	Enter Email
PASSWORD*	Enter Password
CONFIRM PASSWORD*	Enter Confirm Password

Password must be at least 8 characters in length and contain at least one upper case letter, one lower case letter, one number, and one special character (e.g. !, @, #, %, etc.).

**CREATE ACCOUNT**

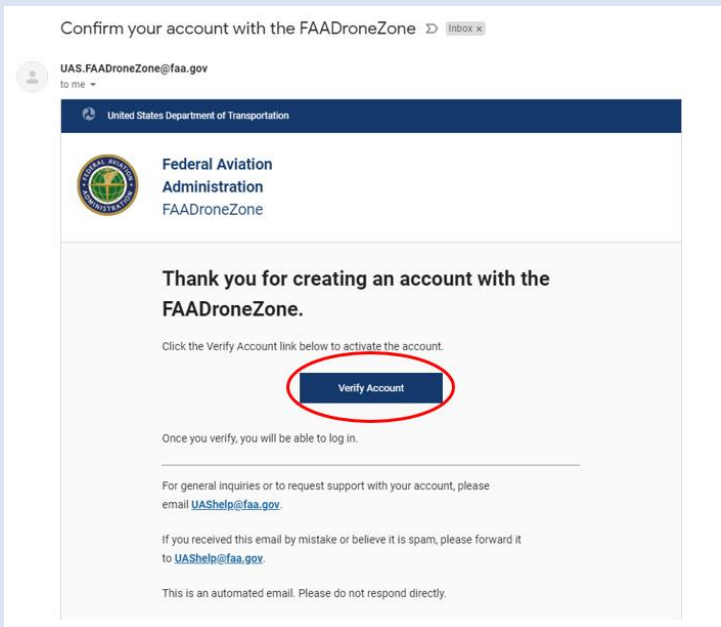
Already have an account? [BACK TO LOGIN](#)



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4. A verification email will be sent to the email account you entered. It will look similar to the image below. Click on the box that says **Verify Account**.

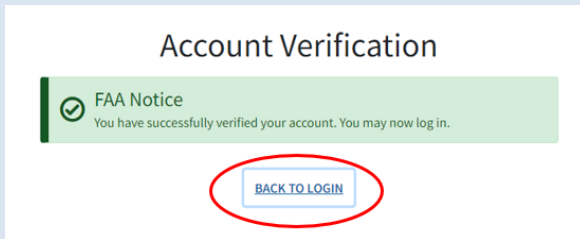
**\*Note:** *You may need to check your spam folder for the email.*



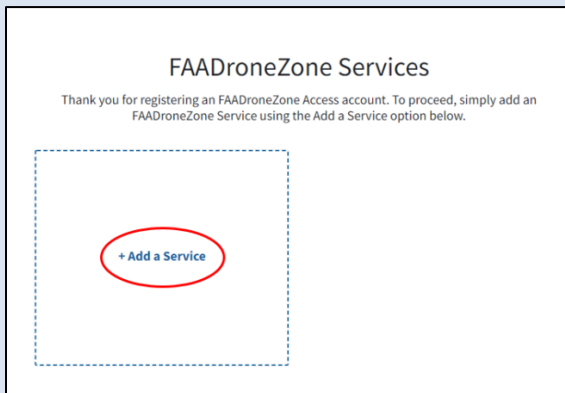


## Johnson City Radio Controllers' Club

You will be brought back to the DroneZone. Your account is now verified. Click on **Back to Login** to login using the email address and password you just set up.

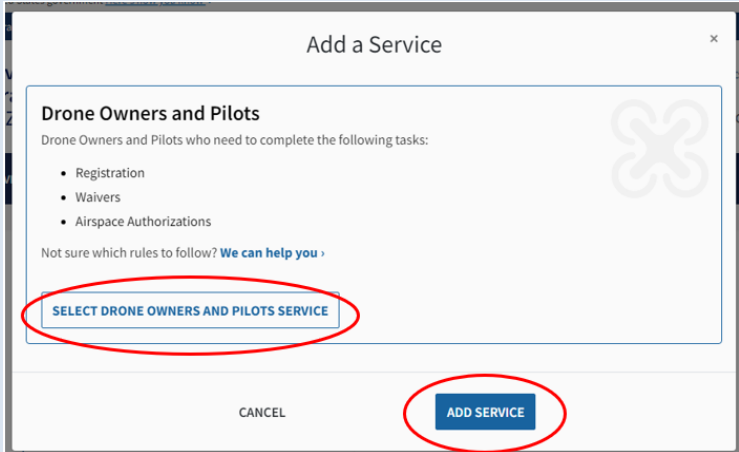


5. Once logged in, you will be brought to the **FAADroneZone Services** page. Click on the box that says **+ Add a Service**.





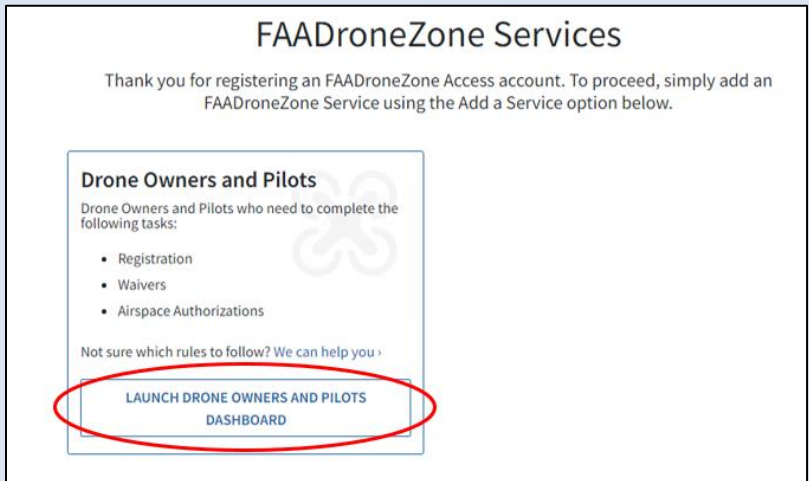
A box will pop-up. Click on the **Select Drone Owners and Pilots Service**, and then click on the **Add Service** button.







**6. Your screen should now look like the below image.** Click on the **Launch Drone Owners and Pilots Dashboard** button to continue.





## 7. To Register:

You will now need to choose your **Account Type**. Select the **Set Up Recreational Flyer Account** button in the **Recreational Flyer** box.

### UAS Operator: Account Types

To complete your UAS Operator account setup, please select one of the following UAS Operator account types. Once your initial profile has been created, you can add another UAS Operator Account type by utilizing the user account menu located at the top right of your screen.

<p><b>Part 107</b></p> <p>I fly under Part 107 - I need to register a drone that is less than 55 lbs, apply for a waiver / authorization under Part 107, or report a UAS/drone accident.</p> <p><a href="#">SET UP PART 107 ACCOUNT</a></p>	<p><b>Recreational Flyer</b></p> <p>I fly under The Exception for Recreational Flyers - I need to register a drone under The Exception for Recreational Flyers.</p> <p><a href="#">SET UP RECREATIONAL FLYER ACCOUNT</a></p>
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## To Renew:

Your **Recreational Flyer Dashboard** will appear. Find and click on where it says **Renew**.

The screenshot shows the 'RECREATIONAL FLYER DASHBOARD' interface. On the left, there is a red panel with 'Registration #' and 'ISSUED' fields, a circular counter showing '5 Devices', and an 'EXPIRED' field. Below this is a 'MANAGE DEVICE INVENTORY' button and a 'PHYSICAL ADDRESS' field. A 'RENEW' button is circled in red at the bottom of this panel. The middle section, 'Mark Your Drone', features an image of a drone and text stating that all drones must be marked with a registration number. The right section, 'Safety Guidance', lists rules for flying under 'The Exception for Recreational Flyers', including having a current registration, flying only for recreational purposes, following safety guidelines, keeping the drone within visual line of sight, flying at or below 400 feet, and passing the UAS Safety Test.



## Johnson City Radio Controllers' Club

8. You will be brought to your **Recreational Flyer Profile**. Enter your information and then scroll down to select the **Proceed to Checkout** button.

### Recreational Flyer Profile

To register, complete the form below and click Proceed to Checkout.

\* Indicates a required field.

FIRST NAME*	MIDDLE INITIAL
LAST NAME*	SUFFIX
PHONE* Enter Phone	AZ EMAIL Enter Alternate Email

Enter phone number that ATC can use for immediate contact during the operation.

#### Physical Address

COUNTRY* United States	ADDRESS* Enter Street Address	ADDRESS Enter Apartment, Suite, or Unit
CITY* Enter City	STATE / PROVINCE / REGION* Select a State	
ZIP* Enter Zip		

#### Mailing Address

Mailing Address is the same as my Physical Address

COUNTRY* United States	ADDRESS* Enter Street Address	ADDRESS Enter Apartment, Suite, or Unit
CITY* Enter City	STATE / PROVINCE / REGION* Select a State	
ZIP* Enter Zip		

[PROCEED TO CHECKOUT](#)

#### REGISTRATION FEE

- The registration fee is \$5.00.

#### REGISTRATION NUMBER

- When you register, you will receive a registration number that applies to all unmanned aircraft you own and operate under the Exception for Recreational Flyers.
- Registrations are valid for 3 years. After 3 years, you must renew your registration.
- You must mark the outside of all unmanned aircraft with your registration number before you operate them.

#### THE EXCEPTION FOR RECREATIONAL FLYERS

To fly under **The Exception for Recreational Flyers**, you must:

- Have a current registration
- Fly only for recreational purposes
- Follow the safety guidelines of a community based organization
- Keep your drone within your visual line of sight
- Give way and do not interfere with any manned aircraft
- Fly at or below 400' in controlled airspace and only with prior authorization
- Fly at or below 400' in uncontrolled airspace
- Comply with all airspace restrictions
- Pass The Recreational UAS Safety Test.



9. Next, you will be asked to accept the Recreational Flyer safety guidelines. Select the box indicating you have read and understand the safety guidelines, then select the **Next** button.

RECREATIONAL FLYER DASHBOARD / REGISTER

1. Safety Guidance 2. Inventory 3. Payment 4. Review & Pay 5. Confirmation

### Acknowledgment of Safety Guidance

\* Indicates a required field or that a selection is required.

To fly under **The Exception for Recreational Flyers**, you must:

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- Follow the safety guidelines of a community based organization
- Keep your drone within your visual line of sight
- Give way and do not interfere with any manned aircraft
- Fly at or below 400' in controlled airspace and only with prior authorization
- Fly at or below 400' in uncontrolled airspace
- Comply with all airspace restrictions
- Pass The Recreational UAS Safety Test

[Learn More](#)

I have read and understand the safety guidance.\*

BACK **NEXT**



## Johnson City Radio Controllers' Club

10. Then, you will need to add at least one device (model aircraft) to your inventory to continue. This is a new update to the registration process the FAA has added to be compliant with the upcoming Remote ID requirements. Select the **Add Device** button in the top right of the screen.

RECREATIONAL FLYER DASHBOARD / REGISTER

1. Safety Guidance 2. Inventory 3. Payment 4. Review & Pay 5. Confirmation

### Your Inventory

Recreational flyers must add manufacturer and model information for all UAS over 0.55 pounds that they own and operate. For standard remote identification UAS or broadcast modules, you'll also be required to provide the serial number. Each broadcast module serial number may only be entered once to your inventory, even if shared with more than one recreational UAS.

To continue the registration process, you must have at least one active device in your inventory.

**ADD DEVICE**

**FAA Notice**  
Your inventory is empty.

BACK NEXT



## Johnson City Radio Controllers' Club

A pop-up will appear on your screen. In the box asking if your device is equipped with Remote ID capabilities, select **No**. (Remote ID is **not** required until **September of 2023**.)

### Add Device

\* Indicates a required field or that a selection is required.

DOES YOUR DRONE BROADCAST **FAA REMOTE ID** INFORMATION?\*  YES  NO

*Not sure? Contact your UAS manufacturer or see if your drone is listed here: <https://uasdoc.faa.gov/listDocs>*

DEVICE TYPE* Select a Device Type	NICKNAME Enter a Nickname
UAS MANUFACTURER* Enter a UAS Manufacturer	UAS MODEL* Enter a UAS Model
SERIAL NUMBER* Enter a Serial Number	<input type="checkbox"/> SERIAL NUMBER NOT APPLICABLE

CANCEL **ADD DEVICE**



## Johnson City Radio Controllers' Club

If you have an aircraft for which you know the manufacturer, select Traditional UAS and enter the manufacturer in the box labeled Manufacturer. For Serial Number, leave the box blank and select the box to the right that states Serial Number Not Applicable. (The serial number is for the Remote ID module, not the aircraft. Because Remote ID is not yet required, the serial number for it does not yet exist.)

The screenshot shows a web form titled "Add Device" with a close button (x) in the top right corner. Below the title is a note: "\* Indicates a required field or that a selection is required." The form contains several fields:

- A radio button selection for "DOES YOUR DRONE BROADCAST FAA REMOTE ID INFORMATION?\*" with "YES" and "NO" options. "NO" is selected.
- A link: "Not sure? Contact your UAS manufacturer or see if your drone is listed here: <https://uasdoc.faa.gov/listDocs>"
- A "DEVICE TYPE\*" dropdown menu with "Traditional UAS" selected. This field is circled in red.
- A "NICKNAME" text input field with the placeholder "Enter a Nickname".
- A "UAS MANUFACTURER\*" text input field with "Horizon Hobby" entered. This field is circled in red.
- A "UAS MODEL\*" text input field with the placeholder "Enter a UAS Model".
- A "SERIAL NUMBER\*" text input field with "N/A" entered.
- A checkbox labeled "SERIAL NUMBER NOT APPLICABLE" which is checked. This checkbox is circled in red.

At the bottom of the form are two buttons: "CANCEL" and "ADD DEVICE".





## Johnson City Radio Controllers' Club

If you don't know the manufacturer or if you built your aircraft, select Homebuilt UAS. For Manufacturer, list yourself. For Serial Number, leave the box blank and select the box to the right that reads Serial Number Not Applicable

### Add Device

\* Indicates a required field or that a selection is required.

DOES YOUR DRONE BROADCAST **FAA REMOTE ID** INFORMATION?  YES  NO

*Not sure? Contact your UAS manufacturer or see if your drone is listed here: <https://uasdoc.faa.gov/listDocs>*

DEVICE TYPE*	Homebuilt UAS	NICKNAME	Enter a Nickname
UAS MANUFACTURER*	John Doe	UAS MODEL*	Enter a UAS Model
SERIAL NUMBER*	N/A	<input checked="" type="checkbox"/> SERIAL NUMBER NOT APPLICABLE	

CANCEL ADD DEVICE



### Johnson City Radio Controllers' Club

Next, the Nickname field is not required, but you can type anything in the box to help you identify which aircraft is which, especially if you have multiple aircraft. An example is below:

NICKNAME	Flying Betty
----------	--------------

Then, enter the Model of your aircraft. An example is below:

MODEL*	. P-51 Mustang
--------	----------------



Finally, select the Add Device button.

### Add Device

\* Indicates a required field or that a selection is required.

DOES YOUR DRONE BROADCAST **FAA REMOTE ID** INFORMATION?\*  YES  NO

Not sure? Contact your UAS manufacturer or see if your drone is listed here: <https://uasdoc.faa.gov/listDocs>

DEVICE TYPE* <input type="text" value="Homebuilt UAS"/>	NICKNAME <input type="text" value="Flying Betty"/>
UAS MANUFACTURER* <input type="text" value="John Doe"/>	UAS MODEL* <input type="text" value="P-51 Mustang"/>
SERIAL NUMBER* <input type="text" value="N/A"/>	<input checked="" type="checkbox"/> SERIAL NUMBER NOT APPLICABLE



## Johnson City Radio Controllers' Club

Your aircraft is now listed in your inventory. You can go through the process again and add as many devices as you would like, but this is not required at this time. There is no fee. Select the Next button to continue.

RECREATIONAL FLYER DASHBOARD / REGISTER

1. Safety Guidance → 2. Inventory → 3. Payment → 4. Review & Pay → 5. Confirmation

### Your Inventory

[ADD DEVICE](#)

Recreational flyers must add manufacturer and model information for all UAS over 0.55 pounds that they own and operate. For standard remote identification UAS or broadcast modules, you'll also be required to provide the serial number. Each broadcast module serial number may only be entered once to your inventory, even if shared with more than one recreational UAS.

To continue the registration process, you must have at least one active device in your inventory.

SEARCH:

SHOWING ITEM 1 OF 1.

NICKNAME*	UAS MANUFACTURER*	UAS MODEL*	SERIAL NUMBER*	REMOTE ID*	DEVICE TYPE*	STATUS*	ACTIONS
Flying Betty	John Doe	P-51 Mustang	N/A	No	Homebuilt UAS	Active	⋮

BACK [NEXT](#)



## Johnson City Radio Controllers' Club

11. You will be asked to fill out your payment information. Enter your information and then select the Next button at the bottom of the screen.

RECREATIONAL FLYER DASHBOARD / REGISTER

1. Safety Guidance → 2. Inventory → 3. Payment → 4. Review & Pay → 5. Confirmation

### Payment Information

\* Indicates a required field.

**Credit Card Info**

CARD NUMBER\*  Enter Card Number    CVC/CVV\*  Enter CVC/CVV    EXPIRATION\*  MM /  YY

**Billing Address**

Use Mailing Address

FIRST NAME\*     LAST NAME\*

COUNTRY\*  United States

ADDRESS\*  Enter Street Address    ADDRESS  Enter Apartment, Suite, or Lane

CITY\*  Enter City    STATE / PROVINCE / REGION\*  Select a State

ZIP\*  Enter Zip

**REGISTRATION FEE**

- The registration fee is \$5.00.

**REGISTRATION NUMBER**

- When you register, you will receive a registration number that applies to all unmanned aircraft you own and operate under the Exception for Recreational Flyers.
- Registrations are valid for 3 years. After 3 years, you must renew your registration.
- You must mark the outside of all unmanned aircraft with your registration number before you operate them.

**THE EXCEPTION FOR RECREATIONAL FLYERS**

To fly under **The Exception for Recreational Flyers**, you must:

- Have a current registration
- Fly only for recreational purposes
- Follow the safety guidelines of a community based organization
- Keep your drone within your visual line of sight
- Give way and do not interfere with any manned aircraft
- Fly at or below 400' in controlled airspace and only with prior authorization
- Fly at or below 400' in uncontrolled airspace
- Comply with all airspace restrictions
- Pass The Recreational UAS Safety Test

BACK    **NEXT**



## Johnson City Radio Controllers' Club

12. Finally, you will be asked to review your information. Make sure you are only being charged \$5.00. If you are being charged more, you are on a scam site. If all your information is correct, select the box stating you understand and then select the Pay button.

RECREATIONAL FLYER DASHBOARD / REGISTER

1. Safety Guidance 2. Inventory 3. Payment 4. Review & Pay 5. Confirmation

### Review Order

\* Indicates a required field or that a selection is required.

Billing Address	Payment Info	Checkout
[REDACTED]	[REDACTED]	UAS Registration \$5.00
		3 Year Expiration / Unlimited sUAS
		<b>Total \$5.00</b>

I UNDERSTAND THAT, IN ACCORDANCE WITH FEDERAL LAW, I CAN BE FINED OR IMPRISONED IF I OBTAIN A CERTIFICATE BY KNOWINGLY AND WILLFULLY FALSIFYING OR CONCEALING A MATERIAL FACT, MAKING A FALSE, FICTITIOUS, OR FRAUDULENT STATEMENT.\*

BACK **PAY**



## Johnson City Radio Controllers' Club

Your FAA registration number will appear on the confirmation page.

RECREATIONAL FLYER DASHBOARD / REGISTER

1. Safety Guidance 2. Inventory 3. Payment 4. Review & Pay 5. Confirmation

### Congratulations!

Your registration number is [REDACTED]

Your registration certificate has been sent to the email address you provided in your registration. You can also print your certificate.  
Be sure to have your registration certificate available when you fly your UAS.

- All drones must be marked on the outside with a registration number.
- You can mark all drones that you own and fly exclusively under The Exception for Recreational Flyers with the same registration number.
- Recreational Flyers must operate in accordance with community based areas including club safety guidelines and within the programming of a nationwide community based area including organization.

To fly under **The Exception for Recreational Flyers**, you must:

- Have a current registration
- Fly only for recreational purposes
- Follow the safety guidelines of a community based organization
- Keep your drone within your visual line of sight
- Give way and do not interfere with any manned aircraft
- Fly at or below 400' in controlled airspace and only with prior authorization
- Fly at or below 400' in uncontrolled airspace
- Comply with all airspace restrictions
- Pass The Recreational UAS Safety Test

To update your registration please return to this site in the future.

**DONE**

Facebook icon Twitter icon

13. You're all set! Your FAA registration is good for the next three years.

**Remember, the cost is \$5.00 and you must put the number they give you (if you are renewing, it's the same as you now have) on the outside of all your craft greater than 249 grams/8.8 oz in takeoff weight.**



## **TRUST KNOWLEDGE TEST**

In June 2021, the AMA provided information on the FAA's Recreational Pilot Safety Test. Called TRUST (The Recreational UAS Safety Test). Following is that information:

### **THE RECREATIONAL UAS SAFETY TEST (TRUST) FAQ**



On

February 22, 2021, the FAA released information regarding the next step of implementation of the Recreational Knowledge and Safety Test. This step includes the application process for organizations interested in serving as test administrators for The Recreational UAS Safety Test (TRUST). See below for FAQs regarding the test:





**Q: What is “TRUST”?**

A: “TRUST” stands for The Recreational UAS Safety Test

**Q: Why do I need to take TRUST?**

A: The Knowledge and Safety Test is a congressional mandate in the FAA Reauthorization Act of 2018. All UAS users must pass the test in order to operate a recreational model aircraft (UAS) within the National Airspace System (NAS).

**Q: I have a Part 107 Certificate; do I also need to complete TRUST?**

A: Yes. There are no exemptions from taking the test, including for currently certificated pilots. Anyone flying recreational UAS is required to complete the test.

**Q: Are youth under the age of 18 required to complete TRUST?**

A: Yes. There are no exemptions from taking the test, including for minors. Youth can get assistance from an adult, if needed.

**Q: How often do I need to take the test?**

A: At this time, recreational operators only need to take the test once to comply.

**Q: What will be on TRUST?**

A: The test will have approximately 25 multiple-choice questions about basic safety guidelines and recreational flying knowledge that most AMA members likely already



know. Early indications are that this test will be fail-proof and every recreational user will be able to complete and pass the test.

**Q: Does TRUST cost anything?**

**A:** No. Test administrators are prohibited from charging a fee, either directly or indirectly, to individuals taking the test.

**Q: How will I know that I have passed TRUST and am able to fly my UAS?**

**A:** Once you complete and pass the test, your test administrator will provide you with a TRUST completion certificate that you can either print or save electronically. This certificate is proof of your compliance with the Reauthorization Act of 2018 and your passage of the test.

**Q: Will TRUST affect my AMA membership benefits?**

**A:** Proof of test completion will not be a requirement for AMA membership. However, each member affirms that they will follow AMA's safety code, including applicable laws and regulations, when he or she signs up to be a member.

**Q: When will recreational users be required to take the test?**

**A:** The FAA has not yet released dates regarding when the test will be available to users, but members should expect the testing requirement to be in place sometime in the second half of 2021\*.



The testing requirement is now in place. AMA is one of a number of organizations and companies (e.g. Boy Scouts of America, the Pilots Institute, etc.) administering the test. AMA's test is on line at their website. Twenty-three multiple choice questions, with no ability to complete the test without selecting the correct answer comprise the test. That is to say, if you pick the wrong answer for a question, you cannot go to the next question till you select the correct answer for the question you are on. It is structured as a tested training exercise. There is a block of training, followed by several questions on that area for each area. Each block must be completed before being able to move to the next block. The test will take as long as it takes for you to read each screen, and then move to the next screen until you have gone through the entire training session. The test is FREE. If you go to a site and are asked to pay, then it may not be the official test, beware...DO NOT PAY TO TAKE THE TEST!!!

When you complete the test you are taken to a page to enter your name and generate the certificate. YOU MUST either print out, save electronically via .pdf download or capture the generated certificate as an image. If you don't, you will have to take the test over as the test system does not save your results.

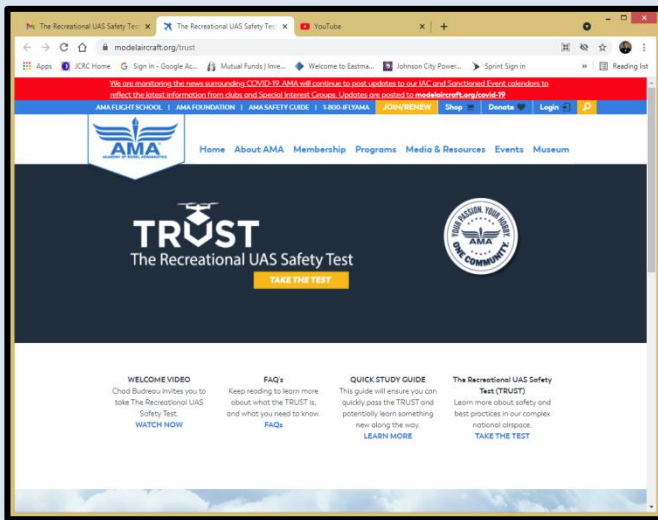
FAA requires you be able to provide proof that you passed the test upon request by FAA, Law Enforcement or other authorized entities. The certificate is a two page 8 & 1/2 by 11 inch printout. The AMA location for the test and study materials is:



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<https://www.modelaircraft.org/trust>

This is a screen shot of the AMA page. The text at the bottom right “Take the Test” is the hyperlink to the test. You should take the test and obtain your certificate expeditiously.



This U-Tube video - <https://www.youtube.com/watch?v=oyE2x9B0CVA>- explains very clearly the requirements for flying under the recreational exemption (USC44809) to FAA's Part 107, which is how most of us operate.



## **LAANC INFORMATION**

### **Academy of Model Aeronautics, UASidekick Partner to Disseminate Free LAANC Flight Planning Software to UAS Hobbyists**



### **Muncie, Indiana –**

The Academy of Model Aeronautics (AMA) and UASidekick announced a new partnership today to disseminate free recreational Low Altitude Authorization and Notification Capability (LAANC) flight planning to nearly 175,000 UAS hobbyists who are members of AMA. The software allows pilots to file LAANC authorizations with the FAA when flying in controlled airspace via a web portal and mobile application. It



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includes additional flight planning tools such as interactive maps, weather information and flight logs.

“One of our top priorities is helping hobbyists comply with evolving regulations. We are proud to partner with UASidekick, which has developed the leading technology to help recreational and commercial pilots secure necessary approvals from the FAA and plan safe flights. This cutting-edge technology will hopefully make the safe operation of UAS a little bit easier for our community,” said Chad Budreau, the Executive Director of AMA.

“At UASidekick, we have always been committed to the “Safer Skies” mindset and working closely with industry professionals like AMA. We are confident that the hobbyist community will find immense value in the quick and easy access to the regulatory system that our software provides. Our goal is to provide streamlined authorization services and flight planning tools that make flying safer and less burdensome for AMA’s community,” said Nathan Ruff, CEO and Cofounder of UASidekick.

In addition to access to free LAANC flight planning software, AMA members will also receive a significant discount for the full UASidekick functionality for commercial and organization UAS pilots.

UASidekick is also planning to integrate into its map functionality information about AMA’s flying sites across the U.S. and future UAS events hosted by AMA. UASidekick and AMA will provide



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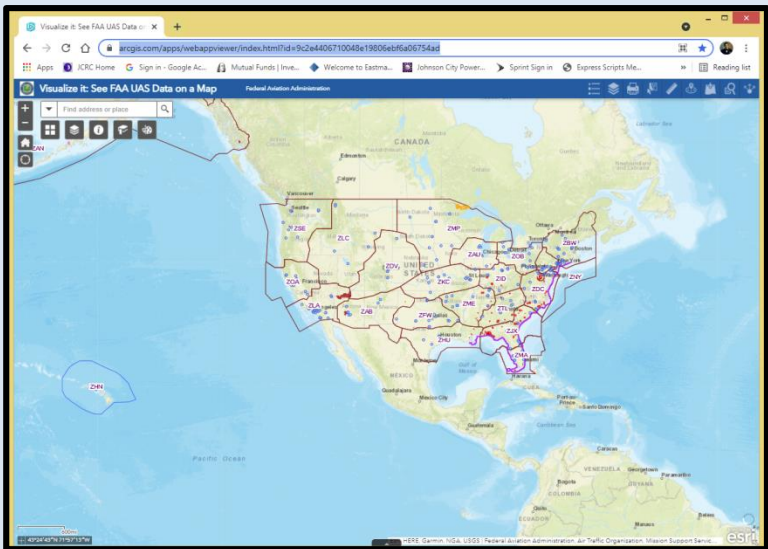
training webinars to help UAS pilots understand the airspace and flight restrictions, as well as informational webinars on the industry and changing regulations.



## MAP INFORMATION

The following web link will present an application that overlays airspace information onto a map.

<https://www.arcgis.com/apps/webappviewer/index.html?id=9c2e4406710048e19806ebf6a06754ad>



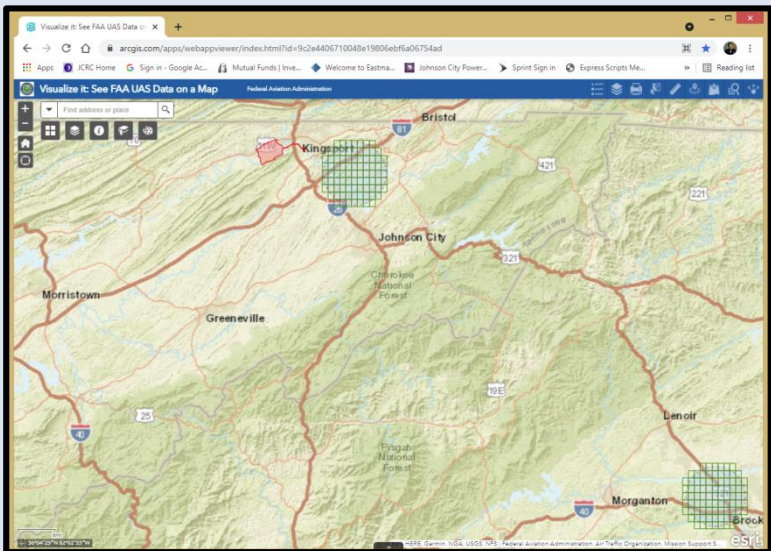
Initially, the application shows the United States Map.





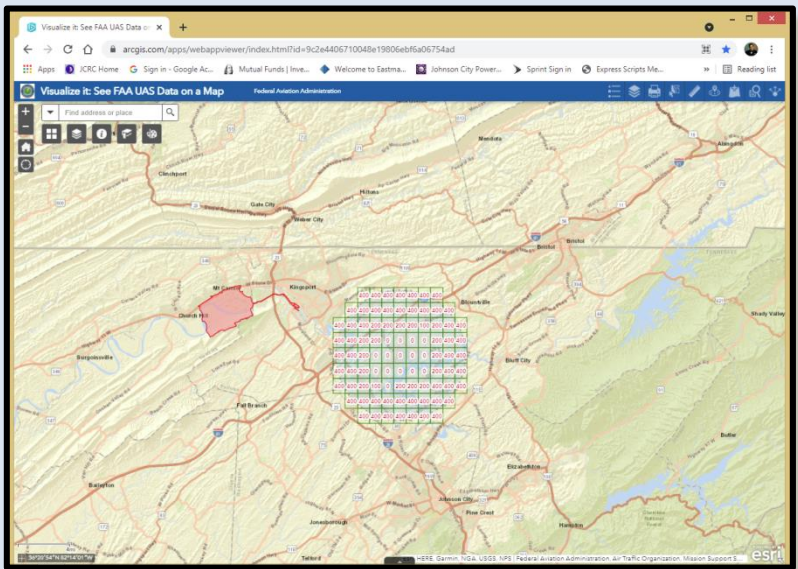
## Johnson City Radio Controllers' Club

Clicking on the map, then scrolling with the mouse scroll wheel will zoom into the map.





You can pan left, right, up and down.





You can move to the area you are expecting to fly and determine if there are any “in place” restrictions. For example if you were planning on flying at winged Deer Park, in Johnson City, in the field near the Tot Lots you would see that you are just outside the Tri Cities Airport Controlled Space Boundaries:

