



ARCS News



San Antonio, Texas

Alamo Radio Control Society

www.alamorcs.org

AMA Charter 603

September, 2023

CLUB FLYING SITE Is located just west of Macdona at 10025 Shepard Road

The next club meeting is scheduled for Tuesday, September 19, 2022, at 7 PM in the Acadiana Café, 1289 SW Loop 410. Monthly Fun Fly the following

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Club Meeting:

Held the 3rd Tuesday of each month (except Dec)
7:00 PM to 9:00 PM
Tuesday. Acadiana Café,
1289 SW Loop 410

FRIA Approved!

Recently the club received this welcome news:

Federal Aviation Administration FAA Drone Zone

The status of your FAA Recognized Identification Area (FRIA) application 23023-CBO-00985-FRIA – Alamo Radio Control Society #603 – Harold Cannon Field has been updated.

FRIA Application Status: Approved

Thanks to hard work of the executive committee. This is BIG news! It means that, as long as you're flying at the field, you are not required to have an FAA approved, transponder-like identification device (Remote ID) on your airplane. If you're flying outside the FRIA, you must have an approved "Remote Identification" device that broadcasts flight data, location and ownership information per FAA regulation.

You may scoff at the idea. But it is the law now and in case of accidents there is a good chance your insurance may deny liability to pay if you are not operating according to regulations.

Horizon Hobby has an approved device available for pre-order at a reduced price. Called SkyID, the Introductory price is \$69, less than the price of most receivers.. After the introductory price the cost will be \$99.

You can read about the FlyID here: [Spektrum SkyID Remote ID Module | Horizon Hobby](#).

As you can see from the picture, it is pretty small. You can power it through the receiver or its own battery. Several power leads are provided. When coupled to a telemetry-capable receiver it will transmit data through SRXL2 and XBus. Regardless, it transmits aircraft ground speed, altitude, position, heading, distance, time and unique serial number. Held on by hook-and-loop tape, you can move the module between planes so one would do, two for convenience.



SkyID Module

Spektrum isn't the only source of Remote ID modules. You can find them advertised on the internet for use in drones and RC aircraft from about \$45 on up. Average price I've seen is about \$140. Some are kits, some are geared to quads. I'm not selling 'Spektrum, but theirs seems to be a convenient solution for RC modelers. I've ordered 3 of them.

To use any Remote ID module, you first register its serial number on the FAA's Drone Zone web page. You can register any number of them. Install it in your plane. Then go fly!

Jim Neff

August Fun Fly



Jim Agnew, the proud owner of a brand-new receiver ready *Extreme Flight Extra 260*, flew his new airplane for the first time. Sporting a 67 inch wing span and smartly dressed in orange, blue, and white trimming, the airplane flew flawlessly with Jim at the controls. The success of the maiden flight was followed by another smooth flight later in the day.

Hidalgo Villareal arrived with a squadron of five helicopters. Lined up in colorful formation in the pits the fleet presented a brilliant display to anyone observing. Hidalgo took each one on a dazzling display of rotor-wing acrobatics. Extremely powerful and agile some helicopters lifted off the runway like rockets. This was the first time anyone had brought as many helicopters to a Fun Fly. Later in the afternoon Hidalgo and Jessica flew an *FMS Ranger 1220* together with Jessica on a buddy box.



Juan Galvez performed his usual 3D demonstration with his *Extreme Flight Edge 540*. His skillful piloting has become a routine feature of each Fun Fly. Bill Ponseigo flew his *Rebel Sport Jet 70* which he rebuilt after it was shredded by tree. Later in the day he flew an old school FPV drone from the shade of the pavilion with Jessica observing on a second headset. Foam airplanes flying off the north end of the runway danced under a clear blue sky. And we saw an old-style radio harking back to the day when pilots had to choose a frequency to fly. Raul Colunga took his blue raven on a fine flight. And Bill Grozdanich took his *Eflite Viper* on a wild flight around the airfield.

The wind was fickle. From a calm pleasant morning to a blustery afternoon the wind constantly varied its direction and speed forcing pilots to be wary of the changing conditions. On what was the hottest Fun Fly Day of the year it was a bustling day attended by many pilot members.

Jim Witthauer

Field Camera

As discussed at the last meeting, the ARCS Field camera is back up running again. **It uses a lot of data and data costs money!!!** So attached are rules for using the camera to conserve data so everyone gets to use it at a reasonable cost to the club. Unfortunately I can't lock out some of the options available to the many viewers using this camera so these rules are very important.

1. Use the camera for **no more than 5 minutes**. Once you log on to the camera with the REOLINK app, look around to see the weather, who is out there, etc.. and then log off and close the Reolink app so you don't accidentally leave the camera running. If you want to sit around and watch people fly, come out to the field and do it. The view is better and so is the conversation.
2. There is a button with two ovals that opens the pan/tilt button. Pull the white dot to an arrow to activate. If you do pan or tilt the camera, please be polite and return it to the runway/windsock view before closing the app.
3. **Close the REOLINK app after your 5 minutes of viewing**. Don't just think you logged off the camera. Make sure by closing down the app. If you are unsure how to close apps on your device, get some help so you are sure. We definitely don't want to burn expensive data with **NO ONE** watching.
4. There is a button on the screen that says LOW for a lower resolution screen picture. The picture is still good, and the data usage while still quite high is manageable. If you were to change to high resolution, the picture does get better but the data usage goes out the roof. **DO NOT CLICK ON THE LOW BUTTON_ NOT EVEN ONCE !!** However, if you just can't follow the rules and do click on the LOW button and change from Fluent (low res) to Clear (high res) mode (the LOW button changes to HIGH) be sure and click it back before you leave (and shame on you for clicking on LOW in the first place.) If you do however log on and see it already set to HIGH, please click on it and change it back to Fluent (LOW) since someone has already screwed up.
5. There is a little gear symbol for Settings. Again, I could not lock this out. As with the **LOW** button, **DO NOT CLICK ON THE GEAR BUTTON AND CHANGE SETTINGS**. Enough said.
6. **Don't give the password out to anyone**. No one. Not anybody. NADA. Last time it got posted to Facebook. Who knows how much data gets chewed up by those who could care less with what it costs ARCS.
7. Rule #7? **NEVER BREAK RULES 1-6 !!!** Just remember- 5 minutes max, return to windsock, close down app, don't touch LOW or GEAR, zip lip on password. Easy Peasy.

Ready to watch the camera (for no more than 5 minutes and close the app)? First you will need the new password. The password was sent to all members. If a new member, contact a club officer for the password. **The password is available for members only, please don't share.**

If you have used the ARCS Field camera before on the app, you should just need to start the app and it will ask for the new password. Enter the password the first time and you won't need it when you open again.

If you don't have the app already, do these steps. I just used this method for my Iphone. Hope this will work for you guys and your devices.

1. Take your phone and download the Reolink app from the Apple Appstore or the Google Playstore.
2. When you open the app, I had to answer Network Access NO, Messages Access NO, and Critical Messages YES. I then had to agree to terms of service. That got me in the app and to the devices page.
3. Then under Devices I hit the blue plus sign to add a device. The app will ask for camera access which I allowed. Then scan the QR code below (use camera to take a picture of the box) and tap the yellow bar when it appears. You will have to have this email open on another device so you can scan the code with your phone. Maybe you can print it first. Depends on what you have. You can also type in the device number 95270003G3D21F4H as an alternative.
4. After scanning the QR code, the app will load the ARCS Field Cam and ask for a password. Enter the password above. The camera comes up then.

GOOD LUCK WITH THIS. The above worked with an Iphone and Ipad. At minimum, download the Reolink app on your phone and bring it to the next meeting.

ARCS Meeting Minutes August 15, 2023

The meeting was called to order August 15th at 7:00 p.m. The reading of the July 2023 minutes were approved as published in the Newsletter. Treasurer's Report was read. We have \$1395 in checking and \$9358 in savings. A motion was made to accept the Treasurer's Report. Approved.

ANNOUNCEMENTS:

The **Fun Fly** is **August 20th^t** from 10 am to 2 pm. Bring snacks (donuts etc.) for the pilots and food for the Food Bank.

If you want a club shirt, check with Eric Amundsen, he will take your order. Shirts are \$20. Extended sizes are slightly higher. There is no minimum order. If you want a shirt, call Eric. Hats are \$15. Name Tags are \$6. New members, hats and name tags are free but you need to tell Eric if you want a nametag. Email Eric at cam@clevelandnet.com if you want a nametag. Name tags will be attached to the board in the pavilion. New members check the board for your name tag if you ordered one from Eric.

The Club donated 279 lbs. of food to the San Antonio Food Bank in July 2023. Total for the year is 1290 lbs. Thanks to all who donated. **Keep up the good work, folks!** Just put the food in the "Fun Fly Barrel".

FIELD CONDITIONS:

Richard Sanders will try to get the field camera up and running.

Update: Camera is back running. Email was sent out with instructions to get on the camera and rules to keep data usage reasonable and costs down. Try it out!

OLD BUSINESS:

Nothing this month

NEW BUSINESS:

Nothing this month

SHOW AND TELL:

Jimmie Neff showed off his beautiful Hangar 9 RV 4 with a 40 cc Valley-View Twin engine. Everyone was jealous.



Sal Sordo displayed his home built mini RC planes. Little bitty.



Richard Sanders brought his new Radiomaster TX16S-MKII transmitter. Has color touchscreen and multi protocol capabilities (Spektrum, Futaba, Frysky, Flysky, and about 40 others) for \$200. Hitch is you need to EDGE TX to use it.

learn

Bill Ponseigo presented his super rebuild of his Rebel 70mm jet. Jigsawed pieces back together after losing a battle with one of Joe's trees. Great paint job and striping



the new

CRASH OF THE MONTH:

Bill Ponseigo won for his left turn low speed stall of the above mentioned Rebel 70 MM jet into Joe's tree.

Raffle:

The monthly raffles are designed to break even. Any excess monies are used for the Christmas Party Raffle. Our wives and guests receive a free raffle ticket for attending the meeting.

Ed Kotzur won the Horizon F4 Tomcat. The club came out a little ahead on the raffle funds vs prize cost. Let's get a bunch of folk to the next meeting and everyone buy a lot of tickets so we can keep the raffle going.



Bill Cody cut a fat hog by bidding \$50 on a like new DX8 and receiver that were donated to the club.

The meeting adjourned at 8:15 PM.

**Fun Fly Photos
Jim Witthauer**









