

Eastern Arizona Amateur Radio Society

EST. 1974

www.eaars.com

INC.



facebook.com/groups/eaars

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



July, 2025

JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



EAARS Open Repeaters

PL 141.3 unless noted otherwise

Echolink: 614350 **IRLP:** 7787

Heliograph Peak at Safford, AZ:

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

Jacks Peak at Silver City, NM:

145.210 Linked

West Peak at Ft Thomas, AZ:

145.350 Access to link to network

Pinal Peak at Globe, AZ:

145.410 Linked

South Mt at Alpine, AZ:

145.270 Linked

Caballo Mt at TorC, NM:

145.470 Linked

Greens Peak at Show Low, AZ

146.700 Linked

Little Florida at Deming, NM:

147.060 Linked

Mule Mt at Bisbee, AZ:

147.080 Linked

Mt Lemmon at Tucson, AZ

147.160 Linked

Guthrie Peak at Clifton, AZ:

147.280 Linked

Downtown at Tucson, AZ

147.28 Output

146.26 Input, PL 127.3

Gals on the Air!

EST. June 2015

Calling all Gals of any class ... Join us every Monday night for the
Gals Night Net @ 7:30 pm (AZ) on the EAARS system!

Facebook.com/groups/galsnightnet

Upcoming Events

*Would You like to see your event posted for the membership to see?
Email your information to emberfire@cox.net.*

2025

Sept 13 -----	Rim Country Hamfest -----	Overgaard
Oct 4 -----	RST Fall Hamfest -----	Tucson
Nov 1 -----	HARKfest -----	Wickenburg
Nov 8 -----	Oro Valley Hamfest -----	Marana
Dec 6 -----	Superstition Hamfest -----	Mesa

Clubs, send me the events you would like shown here.

WEEKLY EAARS' NETS

Every day:

Down Under Net - 4:15 am

Weather Net - 5:30 am

NTS Traffic Net - 6:30 pm

*All times are noted on
Arizona time.*

Sunday:

EAARS Net - 7:00 pm

Monday:

Gals Night Net - 7:30 pm

Wednesday:

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm.

Off Season, every third Wednesday of month at 7:30 pm.

EAARS Officers and Staff

Board Officers

President	Dan Quaintance	AF7EF
Vice President	Joe Montierth	K7JEM
Secretary/Treasurer	Larry Griggs	N5BG

Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

Net Control Operators

Rick	W8YBM	1st Sunday
Larry	KG7VLN	2nd Sunday
Chris	N7JND	3rd Sunday
Angie	N7EMB	4th Sunday

ARRL RADIO CONTESTS

July 2025

12-13 IARU HF World Championship

For details on all ARRL contests and for non-ARRL contests,
visit <http://www.arrl.org/contest-calendar>

New EAARS Members!



James	KK7ZIY
Daniel	KM7AQC
Lonnie	KJ7OWW
Robert	K8EQC
Mitzi	KM7BDJ
Rodney	KI6FH
Marsha	N6SNW



WELCOME

***** PLEASE SET YOUR TIMEOUT TIMER *****

On June 23rd in the morning, we had another stuck microphone on the EAARS system broadcasting a very interesting conversation. This open mic was transmitting close to 20 minutes if not more and because this radio did not have a time out timer programmed into it, it just kept on transmitting and transmitting preventing any emergency traffic from getting through. Probably because the mic was just tossed down between a seat and console or on an empty seat with something thrown on top of it. When ever this happens, this article is printed in the newsletter.

How many of you know what TOT stands for? It's found in most 2 meter and 440 and other radios both HT's and mobiles. If you are not familiar with TOT, get ready, as you are about to know what TOT stands for. TOT stands for Time Out Timer and should be the very FIRST thing that you program into your new radio. Since we have a few new Hams operating on EAARS, it's always good to send a reminder. Here it is...

Most modern and many older FM mobiles & HT's, have a TOT setting in their menu. It's extremely important you set this value to around 3 minutes for three main reasons which are...

- Save yourself from embarrassment. Stuck mics have great ears. They like to pick up words and other sounds and discussions that you probably don't want to be transmitting. I have heard it all including some great country music and I once heard someone read a credit card number out loud not knowing this was being transmitted around the world on EAARS because we have Streaming Audio.

- Save Your Radio... Nothing burns out a final in a transmitter quicker than one being stuck on for hours. Most mobiles & HT's have very poor duty cycles when it comes to the transmitter being on. The finals can heat up very quickly and even the radio's heat sink can be extremely hot to touch as the heat sink is trying its best to do its job. Don't burn out your radio when the TOT can shut off your transmitter after 3 minutes and won't key up again until the PTT is released and keyed again.

- Stuck mics can tie up a repeater for a long time. Yes, most repeaters have a TOT programmed in them. However, when the repeater times out, it will usually reset in a minute or so and start transmitting the stuck mic again. But keep in mind, when there's a stuck mic on the repeater, EMERGENCY TRAFFIC CAN'T GET THROUGH.

Stuck microphones are pretty much preventable just by setting your Time Out Timer and hanging the microphone up when not in use. It's one of the first things I do when I buy a new radio. If the new radio doesn't have a TOT, don't buy it. Even our trusty Baofengs have a TOT setting in their menu. Also, put the microphone in its clip when not in use. Don't just throw it down onto the seat. Seats were not designed to be mic holders. It's just gonna get stuck open when something else is thrown on top of it. I speak from personal experience.

Remember you are responsible for what's being transmitted out of YOUR radio. Take preventable measures to help prevent a stuck microphone. If you would like more information on how to prevent stuck microphones, please refer to your owners manual and read the section on HANGING UP YOUR MICROPHONE. If you don't know how to set your Time Out Timer, LEARN YOUR RADIO.



The ARCA Annual meeting was held following the abbreviated repeater meeting.
Approval of the amended minutes from the April meeting at the Red Cross.

Treasurer's Report stating total assets as of June 1, 2025 of \$61, 868.97. Reminder that plate fund checks were sent out – if your club hasn't yet received you probably have a bad address on file with ARCA.

Approval of a \$1500 grant to the Maricopa Amateur Radio Association to assist in their efforts to provide HF capability to area 4H students.

Approval of spending \$1640 to acquire an Owl camera system to better host future Zoom meetings (one had been used twice before for ARCA meetings at the Red Cross but was not available at Flagstaff).

Announcement of the 2025 Scholarship Award of \$5000 to Landon Gale of the Center for Amateur Radio Learning Amateur Radio Club (he will attend ASU in an Aviation/ATC program)

Announcement of the 2025 Young Ham of the Year Award to Cameron Legan/KK7OLN from the Radio Society of Tucson

Announcement of the 2025 Ham of the Year Award to Sue Rogers/W7SKH of the Sun Life Amateur Radio Club

Election of Officers for 2025-2026:

Chair: James Wason/W7ELL
1st Vice: Rick Aldom/W7STS
2nd Vice: Brian McCarthy/AK7F
Secretary: David Bjorgaard/K7ACE
Past Chair: Charlie Zurenko/N2TFS
Christine Kesauer/N7PVL will continue as the appointed treasurer

IS YOUR QRZ.COM PAGE UPDATED?

One of the first things we Hams like to do after making a new contact, is to go to QRZ and LOOK THEM UP!!! We all like to learn about what got us into this wonderful hobby of Ham Radio. We all like to put a face to the voice (put your photo up there). Hams are curious people wanting to know know know!!!

One of the best ways to share your information with other Hams, is to create and share your biography and photo on your QRZ page. Many times, we go there to look up a Ham and just NOTHING!!! Yes, some of us like to keep our personal lives private, but the majority of us like to share with other Hams on what got us into this wonderful hobby of Ham Radio and post some photos of ourselves doing what we are licensed to do and enjoy.

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IS YOUR QRZ.COM PAGE UPDATED?

Continued From Page 5

So, why not take a minute or two or maybe even an hour or more and update your information on QRZ.COM. Upload some photos. Tell us about yourself. You can update YOUR page as often as you want. If you would like some ideas on how to create your QRZ page, take a look at my page (N7JND) or my wife's (N7EMB) page. Have fun with it.

Also... It is a proven fact that the majority of Hams have no clue when their Ham Radio license expires. QRZ provides a great way to quickly look at when a license expires or has already expired. When ever I look someone up on QRZ, I always check to see if their license is current, about to expire or has already expired. When your license is 90 days out from expiring, the expiration date on your QRZ page will turn red. Once it turns red, it will remain red until you renew it or the call sign has been reassigned. If you see a red expiration date, please tell them. They probably aren't aware and will appreciate you letting them know.

Have Fun With Amateur Radio.

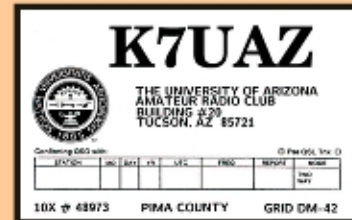
Great News From The University of Arizona Ham Radio Club

With our last general meeting of the semester came lots of exciting events. To begin, we received a grant from ARCA to replace the PCs in the shack. The replacement process will be a phenomenal experience for students to learn about the software that interacts with the hardware which allows us to get on the air. Additionally, we have purchased a new antenna, and plan to install it in the coming future. Lots of exciting projects available for students to work on!

The meeting concluded with the election of new student officers and ARRL Field Day planning. We are so excited to welcome the new officers onto the team and build on our work from this past year, and for another successful field day. Thank you everyone for a great year!

Also Student Officer Election Results for 2025 - 2026:

Lance (W7LAN) - President
Daniel (KE2CYI) - Vice President
Bri (KK7RXN) - Treasurer
David (KK7PKS) - Secretary



We would love to see you at one of our meetings; or if you see a light on in room 303, just knock and we'll show you around. We usually keep the door shut during the day to avoid disturbing classes, but that doesn't mean we don't like visitors.

Google K7UAZ to access the U of A Amateur Radio Club website. It should be the first result.

Got Something Ham Related For Sale?

For those of you that are members of the **EAARS Facebook page**, you have certainly noticed the increase of Hams posting things for sale on the **EAARS Facebook page**. This is awesome to see these posts in the For Sale section. With 423 Hams in the group and growing, a lot of Hams see what you are offering.

Got a radio for sale? Maybe an amp, antenna, tuner or even a 1 foot length of RG-58 coax that's all weather beaten. YES, I mean even radio JUNK!!! Then the **EAARS Facebook page** is a great place to list it. **The EAARS Facebook page** has a special place to list your radio stuff for sale. Anyone that subscribes to the page, will see the **For-Sale** option.

You must be a member of the **EAARS Facebook page** to see the **For Sale** listings and to post to the section. This also means you must have a Facebook account. Sorry, can't get around that.

If you would like to see what people have for sale in the **EAARS Facebook page FOR SALE section**, just watch your notifications (Make sure Notifications are turned on for the EAARS group). If you would like to post to the **EAARS Facebook Page For-Sale section**, just become a member of the **EAARS Facebook page** by going to **www.facebook.com/groups/EAARS** and select **JOIN**. Once you are a member of the page, simply do the following...

Where you would normally write a post, go to the right where it says **MORE** and select **"Sell Something"**. Click on this and you will be prompted to input what you are selling, the price, your zip code and a description of your item. You can also add photos to show what you are selling. After you enter your information, simply hit **POST** and all members of the EAARS Facebook group will get notified you have something for sale. Pretty slick huh? But please remember, **ONE ITEM PER ENTRY**. Multiple items on one entry will be deleted and you will be asked to re-enter your items one at a time.

Enjoy this feature and please keep your listings radio communications related.



RST

Radio
Society of Tucson

TUCSON AREA AUTUMNAL HAMFEST SEPTEMBER 27TH 2025

7 AM - 11 AM



Buyers - Free Admission & Parking
Sellers - Shaded Parking
Seller Setup Starting at 6 AM



Calvary Tucson Church
8711 East Speedway in Tucson
Morning Snacks by Scout Troop 157

Seller/vendor spaces - \$10/parking space.

RAFFLE

Tickets: \$2 each, 3 for \$5, 7 for \$10, 15 for \$20, and 40 for \$40

Need not be present to win.

Online Raffle Ticket Sales: www.k7rst.club

Raffle Prizes

Yaesu FT-991A HF/VHF/UHF Transceiver

And more top notch transceivers TBD.

Maybe an antenna or two and maybe a high capacity battery for portable operations. No Baofengs!

Daiwa CN901VN VHF/UHF SWR Wattmeter

Daiwa CN901HP HF SWR Wattmeter

Palstar AT2KD Antenna Tuner

Map and info at www.k7rst.club

Local Club Stuff



Rise and Shine with The Made It Through The Night Weather Gang

0530 Mountain Standard Time Daily
-Weather and Fine Conversation
-Wednesday Technical Question of the Day
-Friday Flea Market of the Air
-Monday, Tuesday, Thursday, Friday 75M/
40M Net 3.948/7.207



Net Control W7GSP Steve
Alternate(s)
K7RJW Russ WA7VVV Jim W7IJ Mike

Join Us Gals on the Air!

**Calling all Gals, of any class . . .
Every Monday night for the . . .**

**Gals Night Net
7:30 pm, AZ time
EAARS System
eaars.com (find your repeater)**

Facebook.com/groups/galsnightnet

**If you live in the Graham or Greenlee County and are interested
in a VE Testing Session, please feel free to contact
Dan Quaintance AF7EF, (928) 235-1152.**

Local Club Stuff

From Diane AA30F: RST VE Testing will be held at Immanuel Presbyterian Church, Witherspoon Hall, 9252 E 22nd St, at 7pm.

2025

July 14
August 11

September 8
October 13
November 10
December 8

The RST weekly "New Ham Net" offers a welcoming and supportive environment for both new and seasoned ham operators to get on the air. Whether you're just starting or have years of experience, please join us. Our discussions cover operating procedures, radio etiquette, and various topics of interest to new ham operators.

Meeting Details

When: Every Thursday at 8 PM (AZ time)

Where: N7HND repeater

Output: 147.000 MHz

Input: 147.600 MHz

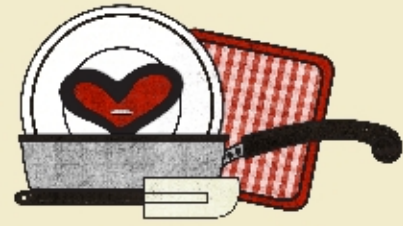
CTCSS Tone: 110.9 Hz on input

The net typically concludes around 8:30 PM, depending on the activity level.

Radio Society of Tucson (RST) is now conducting two monthly events for new operators. 1) Radio Days in the Park will meet the 2nd and 4th Wednesday, Reid Park, Ramada #22. 2) Newbies Net on Thursdays, 8pm on 147.000 MHz. Listen on 147.000 MHz, transmit on 147.600 MHz with a tone of 110.9 Hz.

Do you have any club news to share? It can be posted on this page. Send your info to Angie - emberfire@cox.net.

Cooking up
Some Magic



Mom's Ground Turkey and Peppers

Courtesy of simplyrecipes.com

Ingredients

- 3 to 4 tablespoons extra virgin olive oil
- 1 cup chopped yellow onion
- Some chopped greens from green onions, if you have any
- 1 bell pepper (red or yellow preferred), chopped
- 2 cloves garlic, minced
- Kosher salt
- 1 pound ground turkey, preferably ground turkey thighs
- 1 teaspoon chipotle powder or chili powder (or to taste)
- 2 tablespoons chopped fresh parsley or cilantro



Prep Time: 15 mins
Cook Time: 15 mins
Total Time: 30 mins
Servings: 4 servings

Directions

1. Sauté the onions, bell pepper, and garlic: Heat 2 tablespoons olive oil in a large skillet on medium high heat. Add the chopped onions and bell pepper and cook until onions and peppers are softened, a couple minutes. Add the garlic and cook 30 seconds more.

2. Add ground turkey, salt, and chipotle chili powder: Push the vegetables to the edge of one side of the pan and position that side of the pan so that it is off the burner, away from the heat. The empty part of the pan should be right over the burner.

Add one or two more tablespoons of oil to coat the empty part of the pan. Put crumpled chunks of ground turkey in the pan, sprinkle with salt and chipotle or chili powder.

3. Brown the turkey, then stir in the peppers and onions: Cook the turkey without stirring until it is browned on one side, then turn the pieces over to brown the other side.

Once the turkey is just cooked through, stir in the onions and peppers, and sprinkle with more salt and chili powder to taste. Remove from heat.

Stir in fresh chopped parsley or cilantro.

Serve alone, or with steamed rice or noodles.

kiss the
COOK