



EASTERN ARIZONA AMATEUR RADIO SOCIETY INC.



EST. 1974

Club Address:

EAARS
P.O. Box 398
Solomon, AZ 85551

www.eaars.com

April 2016

The Tucson Ham Picnic

The Tucson Ham Radio Picnic will take place on Saturday April 16th at Christopher Columbus Park, Ramada #4 starting at 11am and goes into late afternoon. One note of change. This is a **“Bring Your Own Picnic Basket”**. Since the local media reminded us that potlucks are illegal in the State of Arizona (*No joke! ed*), we are forced to make a change. This change is in the form of “Bring Your Own Picnic Basket”.

The nice thing is, no lines. Eat when you want.

This picnic is held twice a year in honor of its creator, Terry – KB5B (sk). Terry believed that Hams should meet twice a year to have an Eyeball QSO Picnic. We continue to carry out Terry’s wishes.

This is a family event and ALL Hams and family are invited. Bring your picnic basket with food, drinks, ice, tables & chairs and join us for a day in the park.

RST Radio Days in the Park will be setting up and operating. Please feel free to join them by setting up your own gear.

We will take a group photo somewhere around 1pm.

No RSVP is required. Just show up.

Information can be gotten at www.tucsonhampicnic.com which will take you to our Facebook page. You **DO NOT** need a Facebook account to view the page. Just move beyond the sign in request.

Christopher Columbus Park is located at 4600 N Silverbell Road between Grant Road & Camino del Cerro. Talk In is 146.520 simplex. Once at the park, follow the signs.

Look forward to seeing you ALL at the picnic.

Chris – N7JND
Angie – N7EMB
Don – KD7UIZ

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
- 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

Planes, ~~Trains,~~ and Automobiles, oh my!

Are you a pilot or airplane freak? If so this is for you!

www.flightradar24.com is a website that tracks airplanes worldwide using data from a number of sources, including ADS-B and MLAT data collected by enthusiasts like yourself using SDR dongles or other receivers and feeding it to Flightradar24 servers. The bonus is that as long as you feed data to flightradar24 you get a Premium account on the website for FREE!

On Flightradar24 you can see and track information like speed, altitude, path, aircraft type, and much more. You can also get a computer generated, using satellite imagery, 3D view out the cockpit windows! For commercial flights you can see airline data such as time of departure, arrival time, departure airport, destination airport, etc... See if your flight has been delayed in realtime!

Ok, now you're asking 'What in the Samhill does this have to do with Amateur radio?!?' Glad you asked.

You may have seen the same SDR dongles in QST or elsewhere used to receive analog and digital transmissions from HF to 2.4Ghz and above. These transmissions include DMR, P25, D-STAR, LSB/USB, CW, basically any mode you can think of. The same \$20 SDR dongles can be used to receive ADS-B, and modeS-transponder data used in MLAT to feed data to the Flightradar24 servers and get you that free account.

ADS-B is a newer transponder technology that transmits the aircrafts GPS position and more. MLAT uses the older modeS-transponder data from four or more receivers to triangulate the aircrafts position. Both types use 1090Mhz to transmit (squawk) the data.

For more information:
www.flightradar24.com.

For more information on setting up and using the SDR dongles:

2016 Officers and Staff

eaarsofficers@eaars.com to email all officers.

President

Dave Wells
N7AM

Technical Adviser

Milt Jensen
N5IA

Vice President

Dan Quaintance
AF7EF

Newsletter Editor

Steve Lane
KY7K

Secretary/Treasurer

Larry Griggs
N5BG

Net Manager

Chris Buchanan
N7JND

Site Trustee

Joe Montierth
K7JEM

ARCA Rep

Byron McCabe
AA7BM

Net Control Operators

Rick KE7EDP
Bob KD7LMV
Karl N7DMA

Angie N7EMB
Chris N7JND

EAARS Badges

Club badges are now available, see:
www.eaars.com/newsletter/badges.htm
For ordering information. Show your club colors!



www.rtl-sdr.com and www.rtl-sdr.com/adsb-aircraft-radar-with-rtl-sdr

I highly recommend the RTL-SDR Blog dongles, but you can use any of the R820T dongles from other manufactures such as NooElec too.

Ham License Testing

Lighthouse YMCA / ARRL: First Thursday 7pm
Contact Matt, AC7IL, veregistration@ac7il.org
Lighthouse YMCA
2900 N. Columbus Boulevard
Tucson, AZ

Oro Valley / ARRL: First Saturday 10:30am
Contact licensing@tucsonhamradio.org
Oro Valley Police Department Emergency Operations Center
1920 E Tangerine Rd.
Oro Valley, AZ

RST / Laurel (No Fee): Second Monday 7pm
Contact Diane, AA3OF,
dzimmerman2002@gmail.com
Pima Emergency Communications Operations Center
3434 E 22nd St.
Tucson, AZ

Graham / Greenlee / Cochise County Area
For no fee VE testing on request, please contact
Dave, N7AM, dwells@aznex.net

Show Low / ARRL: First Saturday 9am
Feb, Apr, Jun, Aug, Oct, Dec only
Contact Jim, W7AZY, jmmules@frontiernet.net
Linden Fire Station
6884 Hwy 260
Show Low, AZ

Send Event and Calendar
additions to
newsletter@eaars.com

Future Events

The **EAARS Picnic** will
be held **September 17** at
Discovery Park Ranch House in
Safford, AZ!

Make your plans to attend now!

Public Service Recruitment

Tour de Cure
April 17

Charity bike ride in NW Tucson. Contact:
Bob Stephens, AF9W, af9w@bobandgloria.com

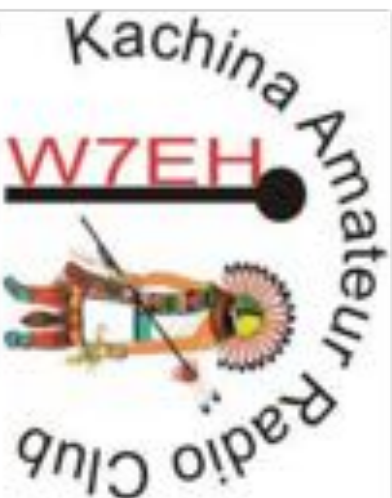
See publicservice.ky7k.net for more events

This site is maintained by Bob, AF9W
Please send event updates to him at his email
address listed on the site.

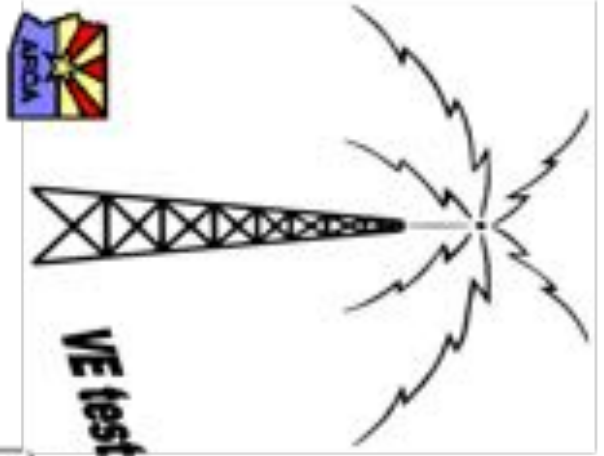


JUNE 4, 2016

6 AM - Noonish



VE testing 9AM



Tailgaters
\$5/space



Contact: K.K.
kb9sl@yahoo.com
480-586-6303

Talk-in frequency
145.31 - PL 110.9



Overnight RV camping
available after 5:30PM Friday

WHITE MOUNTAIN

HAMFEST

SHOW LOW, AZ

CITY HALL PARKING LOT

180 N. 9TH ST

Prize drawings hourly and GRAND

Refreshments Available



sanctioned event