



ANNUAL RDF CHALLENGE

Usery Mountain Regional Park

Saturday 10 am

October 16, 2021

General Information

The RDF Challenge will begin at 10 am and end no later than 11 am. Please arrive at 9:30 am. The contest is open to all members, as long as they sign up prior to the challenge. Operations will be conducted by net control on 462.650 MHz simplex. The fox will be transmitting a signal on 462.6625 MHz. It may not transmit continuously. Please do not transmit on the fox frequency.

Locating the Fox Transmitter

To save time, the fox will not be located inside a building or a vehicle. There may be reflection and refraction of radio signals, due to the hills and terrain. Locating the receiver at higher levels may assist in obtaining a more direct signal bearing. Find a safe place with as few obstructions as possible. Participants may DF from a vehicle (on park roadways) or on foot.

***The winner will receive a prize
and “bragging rights”***



Directions

From central Phoenix, take I-10 eastbound to the Loop 202. Continue east on the Loop 202 Red Mountain Freeway until you reach the Power Rd. exit #23A. Exit the freeway and turn right (south) on Power Rd. Continue south on Power Rd. until you reach McDowell Rd. Then, turn left (east) on McDowell. Go east on McDowell Rd., until you reach Ellsworth and turn left (north). Continue north on Ellsworth until you reach Usery Park Rd. and turn right. Go east until you reach the Park entrance station. Continue east on Usery Park Rd. Then, turn left at the road for Ramada Picnic areas C & D. For information, the call-in frequency is 462.650 simplex.

Entrance to Park

Advise the person at the entrance station that you are with AGRC. The first to arrive will not have to pay entrance fee. Otherwise, there may be a park entrance fee of \$7.00. (Refundable upon request.)

(See back of this flyer for more information)

Contest Rules

1. The RDF Challenge is open to all AGRC members in good standing. All participants, including individual family members, must register on sign-in sheet prior to the start of the contest.

2. Time of contest:	Arrival	9:30 a.m.
	Briefing	9:45 a.m.
	Contest begins	10:00 a.m.
	Contest ends	11:00 a.m. (or when Fox transmitter located)

3. The contest is managed by the net control operator. Net control will announce when the contest begins and ends. Net control may not be a participant.

4. All participants may use any equipment, antenna, amplifier or attenuator, etc., except for an automated system. Only manual direction finding methods may be used. No automated or computer controlled equipment may be used.

5. The winner is the participant who locates the fox transmitter first and contacts net control with the code name or number written on the fox or given to the participant at the fox transmitter location. If no one locates the fox within the allotted time, there shall be no winner and the prize will not be awarded.

6. All participants should wear sturdy shoes, bring water and use sun protection.

7. Participants may be disqualified by the net control operator for violation of these rules or other AGRC policies or procedures.