

Correspondence about the CAP use of Aviation band radios and the frequencies that are authorized.

Subject: [Fwd: FW: [COM] Air to Ground Communications]

-----Original Message-----

From: owner-cap-comm@lists.cap.gov [mailto:owner-cap-comm@lists.cap.gov]

On Behalf Of Kyser, Malcolm (HQ CAP/DOK)

Sent: Thursday, April 22, 1999 2:36 PM

To: cap-comm@lists.cap.gov

Subject: RE: [COM] Air to Ground Communications

I apologize for the delay in answering this one. I had promised at least one DC that I would set the record straight on this and then lost the original message. It took a DC researching the CAP-Comm Digest Archives to find it for me and I appreciate the help.

Here's what we need to highlight. My comments are imbedded below.

Heath wrote:

- >Before anyone else strikes this down or flames me, a correction is in order: voice is not authorized on 121.775.
- >This from a failure to closely read the 100-1. Everyone makes a mistake now and then, but not everyone takes time to admit they have made one even after someone points it out to them.
- >Thanks for the correction here.

Heath, you are correct and for those who don't know the FCC, not CAP has the regs that we must follow on this one. As an educational point from a General Radiotelephone Operator and Pilot From what I have been told, the FCC only authorized CAP the use of 121.775 as a practice ELT with an Emissions Type of 3K20A3X (ELT wavering tone) and not 6K00A3E (AM Voice).

[mkyser] This statement is partially correct. It is true that we are only authorized ELT wavering tone (3K20A3X) on 121.775 but this is per our NTIA frequency assignment, not the FCC or the FAA.

Looking at CFR 47 Part 87

Please note per CFR 47 Sec. 87.171 , 121.775 is authorized by the FCC for FAS--Aviation support and MA--Aircraft (Air carrier and Private) for properly licensed stations on AM Voice.

and CFR 47 Sec. 87.323

(c) The frequency 122.775 MHz and, secondary to aeronautical multicom stations, the frequency 122.850 MHz are available for assignment to aviation support stations. These frequencies may be used for communications between aviation service organizations and aircraft in the airport area. These frequencies must not be used for air traffic control purposes or to transmit information pertaining to runway, wind or weather conditions.

CAP SAR stations (e.g. AC handhelds and mobiles are only licensed by the FCC on 6K00A3E (A3E - AM Voice for short) on 122.9 practice/actual SAR and 123.1 actual SAR at 10 watts maximum.

[mkyser] CAP SAR stations are authorized A3E on the two SAR frequencies but, again, this is per NTIA frequency assignment and not the FCC or FAA.

See

CFR 47 Part 87 Subpart M--Aeronautical Search and Rescue Stations CFR 47 Sec. 87.375 Frequencies.

(a) The frequency 123.100 MHz is available for assignment to aeronautical search and rescue stations for actual search and rescue missions. Each search and rescue station must be equipped to operate on this frequency.

(b) The frequency 122.900 MHz is available for assignment to aeronautical search and rescue stations for organized search and rescue training and for practice search and rescue missions.

Note: Said SAR stations must possess an FCC SAR license (Contact your Wing DC to register your SAR station).

[mkyser] This is incorrect. CAP SAR stations do not carry FCC licenses any longer. If you have one of the old ones, throw it away; it's worthless. CAP no longer carries any FCC licenses with one exception. Our aircraft fleet manager does have a fleet license for the radios in the aircraft but even that is only required if you are going to fly outside the country. So, if a foreign official wanted to see your radio license you could show them that one because they've probably never heard of NTIA and NTIA doesn't produce pretty little certificates. Other than that, CAP should not be using FCC anything whether it be licenses or callsigns. We are not governed by the FCC.

I hope this answers the questions and clears things up. I know most of us are accustomed to civil rules and regulations, but for the purposes of CAP communications management they don't apply to us. It may take some getting used to but we're NTIA now. Sorry for the confusion.

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