

Civil Air Patrol

Civil Air Patrol USAF Auxiliary CAP - the Civil Air Patrol are prolific users of HF-SSB (both USB voice and sometimes ALE data for frequency/link establishment, then back to SSB voice) and [VHF-FM/VHF P25 digital voice systems](#) in addition to traditional [VHF-AM airband](#).

CAP maintains capability to communicate on other US [government](#) and military HF networks including [SHARES](#), [SECURE](#) and [COTHEN](#), among others. See the bottom of this page for Civil Air Patrol VHF frequencies.

CAP is one of the users of the [UHF-low 396 MHz - 400 MHz "military FRS"](#) UHF short-range service ([14 channel UHF intra squad radio](#) or ISR) as well.

Civil Air Patrol CAP MF and HF Frequencies

SSB voice, USB mode.

- 2011 kHz USB - Nationwide
- 2205 kHz USB - Nationwide
- 2371 kHz USB - Net 5
- 2374 kHz USB - Net 1
- 2379 kHz USB - Net 6
- 2393 kHz USB - Net 2
- 2508 kHz USB - Net 3
- 2525 kHz USB - Net 7
- 2560 kHz USB - Net 7
- 2511 kHz USB - Net 4
- 3160 kHz USB - Net 7
- 3204 kHz USB - Nationwide
- 3385 kHz USB - Net 2
- 4472 kHz USB - Nationwide
- 4477 kHz USB - Nationwide
- 4482 kHz USB - Net 5
- 4502 kHz USB - Net 4
- 4505 kHz USB - Net 5 - Regional primary
- 4509 kHz USB - Net 7

- 4512 kHz USB - Net 6
- 4515 kHz USB - Net 8
- 4576 kHz USB - Net 1
- 4582 kHz USB - Net 8
- 4591 kHz USB - Net 3
- 4585 kHz USB - Net 2 - Regional primary
- 4601 kHz USB - Net 7 - Regional primary
- 4604 kHz USB - Net 3 - Regional primary
- 4627 kHz USB - Net 6 - Regional primary
- 4630 kHz USB - Net 4 - Regional primary
- 4633 kHz USB - Net 2
- 4636 kHz USB - Net 1 - Regional primary, also a [SHARES](#) frequency
- 5006 kHz USB - Nationwide
- 5447 kHz USB - Net 2
- 6773 kHz USB - Net 1
- 6806 kHz USB - Nationwide
- 7341 kHz USB - Net 5
- 7416 kHz USB - Net 6
- 7602 kHz USB - Net 9 (Nationwide)
- 7615 kHz USB - Nationwide, also a nationwide [SHARES](#) frequency
- 7618 kHz USB - Net 7
- 7630 kHz USB - Net 3
- 7637 kHz USB - Net 8, alternate nationwide use, Papa Charlie Delta PCD frequency alt. to 7615 USB
- 7656 kHz USB - Net 1
- 7665 kHz USB - Net 2
- 7704 kHz USB - Net 4
- 8012 kHz USB - Nationwide
- 9047 kHz USB - Nationwide
- 9082 kHz USB - Net 2
- 10162 kHz USB - Nationwide
- 10504 kHz USB - Net 3
- 10510 kHz USB - Net 5
- 10518 kHz USB - Net 8

- 10542 kHz USB - Net 7
- 10545 kHz USB - Net 4
- 10550 kHz USB - Net 6
- 10557 kHz USB - Net 1
- 11402 kHz USB - Net 9 (Nationwide)
- 12081 kHz USB - Nationwide
- 12098 kHz USB - Net 5
- 12124 kHz USB - Net 2
- 12177 kHz USB - Net 8
- 12183 kHz USB - Net 6
- 12200 kHz USB - Net 3
- 12218 kHz USB - Net 1
- 13415 kHz USB - Nationwide
- 14357 kHz USB - Nationwide
- 14424 kHz USB - Net 4
- 14430 kHz USB - Net 7
- 14438 kHz USB - Net 3
- 14445 kHz USB - Net 2
- 14450 kHz USB - Net 5
- 14457 kHz USB - Net 6
- 14902 kHz USB - Nationwide
- 14914 kHz USB - Net 1
- 15602 kHz USB - Nationwide
- 16330 kHz USB - Net 8
- 16333 kHz USB - Net 6
- 16350 kHz USB - Net 4
- 16353 kHz USB - Net 5
- 17412 kHz USB - Nationwide
- 18205 kHz USB - Net 4
- 18513 kHz USB - Net 3
- 18516 kHz USB - Net 7
- 19814 kHz USB - Net 10 (Nationwide data)
- 20508 kHz USB - Net 8

- 20511 kHz USB - Net 5
- 20873 kHz USB - Net 4
- 21863 kHz USB - Nationwide
- 22862 kHz USB - Net 4
- 22872 kHz USB - Net 6
- 22875 kHz USB - Net 7
- 23006 kHz USB - Nationwide
- 24553 kHz USB - Net 3
- 24563 kHz USB - Net 8
- 24566 kHz USB - Net 7
- 25354 kHz USB - Nationwide 25.354 MHz
- 26617 kHz USB - Net 6 26.617 MHz
- [26620](#) kHz USB - Nationwide 26.62 MHz 26.620 MHz also 26.620 MHz AM
- [27546](#) kHz USB - Nationwide 27.546 MHz
- [27900](#) kHz USB - Nationwide/Common Scene of Action Frequency 27.900 MHz
- 29894 kHz USB - Nationwide 29.894 MHz

- Net 1 - Northeast Region
- Net 2 - Middle East Region
- Net 3 - Great Lakes Region
- Net 4 - Southeast Region
- Net 5 - North Central Region
- Net 6 - Southwest Region
- Net 7 - Rocky Mountain Region
- Net 8 - Pacific Region
- Net 9 - National Network (voice)
- Net 10 - National Network (data)

Nationwide frequencies are available for use by all regions, as are Net 9 and Net 10 frequencies. 26.62 MHz AM is often included with CAP frequency lists, and 26.620 MHz was used for short range tactical communications at one time, often with modified [11 meter](#) 27MHz [CB radio](#) equipment.

Civil Air Patrol CAP VHF Frequencies

Channel Name or ID	Frequency	Tone (NFM Analog Mode)	NAC (P25 Digital Voice Mode)	Remarks
CC 1	141.5750 MHz	127.3 Hz PL	NAC 4F9	Command and Control 1 (simplex)
CC 2	141.0000 MHz	131.8 Hz PL	NAC 526	Command and Control 2 (simplex)
Tac 1	139.8750 MHz	173.8 Hz PL	NAC 6CA	Air to Air 1 (simplex)
AIR 1	149.2750 MHz	141.3 Hz PL	NAC 585	Air to Air 1 (simplex)
AIR 2	150.5625 MHz	151.4 Hz PL	NAC 5EA	Air to Air 2 (simplex)
GUARD 1	150.2250 MHz	162.2 Hz PL	NAC 656	CAP Guard 1 (simplex)
R-01 through R-61 (odd numbering)	148.1250 MHz			Primary repeater (input: 143.5500 MHz, various CTCSS tones or NAC codes)
R-02 through R-62 (even numbering)	148.1500 MHz			Secondary repeater (input: 143.7000 MHz, various CTCSS tones or NAC codes)
R-67 through R-70	148.1375 MHz			Airborne and/or portable/tactical repeater (input 143.6250 MHz, various CTCSS tones or NAC codes)
NATSAR	155.1600 MHz	CSQ - transmit 127.3 Hz	n/a - analog	National Search and Rescue (SAR) common (simplex),

		recommended	only	transmit 127.3 Hz CTCSS
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The Civil Air Patrol uses [VHF airband](#) frequency **123.1 MHz** for air-to-air coordination during [search and rescue](#) (SAR). Training ELT usage on 121.6 MHz (old frequency) and **121.775 MHz** (new frequency).

All frequencies listed below are mixed mode analog FM or digital P25 Project 25 digital voice, depending on mission requirements.

In addition to the frequencies listed above, Civil Air Patrol radios are programmed with the USCG [VHF marine frequencies](#), the [MURS](#) frequencies and the [nationwide VHF interop frequencies](#)