

SCAN FUNCTION INSTRUCTIONS

E.J. Johnson 5317 V4

The Johnson 5317 is the standard radio issued by CAP for Base and Mobile use. There are aspects of this radio beyond the ICUT orientation that you need to be familiar with.

This presentation will deal with the SCAN function.

The SCAN function allows us to operate on a specific channel but monitor one or more additional channels.

The Illinois Wing Channel Plan provides five (5) scan lists in the radio. Four of these are preprogrammed and un-editable. One is user programmable. The user editable list is handy for mission use where you want to scan only a few specific channels.

ICUT showed us how to activate the SCAN feature using the SCAN button and made us aware of the Scan Edit (SCN ED) button. The Scan Edit button on our radios will only function on SCAN LIST 5.

The current configuration of our scan list follows:

1. Scan List 1: The CAP Simplex channels (Zone 1 Ch's 1 – 6)
 - a. CC1
 - b. CC2
 - c. AIR1
 - d. AIR2
 - e. CAPGUARD
 - f. TAC1
2. Scan List 2: Illinois Repeaters (Zone 2 Ch's 1 – 11, 13 – 16)
3. Scan List 3: Interop1 / Liaison (Zone 4 Ch's 1 – 10, Zone 7 Ch's 9 - 13, 16)
4. Scan List 4: Interop2 (Zone 5 Ch's 1 – 10) (*Interop and Liaison channels will be covered in another presentation*)
5. Scan List 5: USER EDITABLE

SELECTING THE DESIRED SCAN LIST

To initiate scan simply press the scan button momentarily. You will see a “clock” symbol appear between the Zone and Channel. If the radio is set to Scan List 1 the letter “P” will also appear between the zone and Channel indicating it’s on its Primary Scan List. All other scan lists will have the “Clock” symbol only.

To select a different scan list, press and hold the SCAN button and the display will show the current scan list being used. To change to a different Scan List, rotate the “SELECT” knob. When the desired list shows in the display, press the “KEY SEL” button. Now pressing the SCAN button will Cause the radio to scan in the chosen list.

EDITING SCAN LIST 5

Access Scan List 5 by the method above.

Press the “SCN ED” button, a triangular ICON will appear in the upper left corner of the screen.

You can add any Channel from any Zone to this list. To do this, rotate the “SELECT” knob to the desired channel. (When in SCAN EDIT mode the “SELECT” knob will progress up or down through ALL of the Zones and Channels.)

When you reach a channel you want to add to the Scan List, push the “SELECT” knob. An asterisk will appear in the space between the Zone and Channel indicators. Then rotate the “SELECT” knob to the next desired channel and again press the “SELECT” button. Continue this process until all desired channels have been added (maximum of 16 channels). To deselect a channel press the “SELECT” knob. When done adding channels press the “KEY SEL” button to exit the edit mode. The triangular ICON will disappear from the screen.