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TECH-NIQUE

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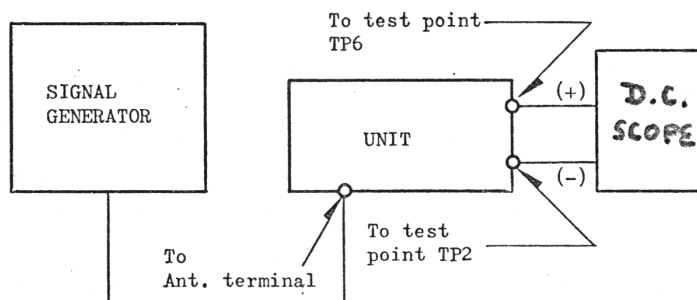
A communication of vital interest to every Courier dealer

S-243

December 6, 1973

**SUBJECT: ALIGNMENT PROCEDURE FOR COP-75 AUTO-SCAN
 VHF MONITOR**

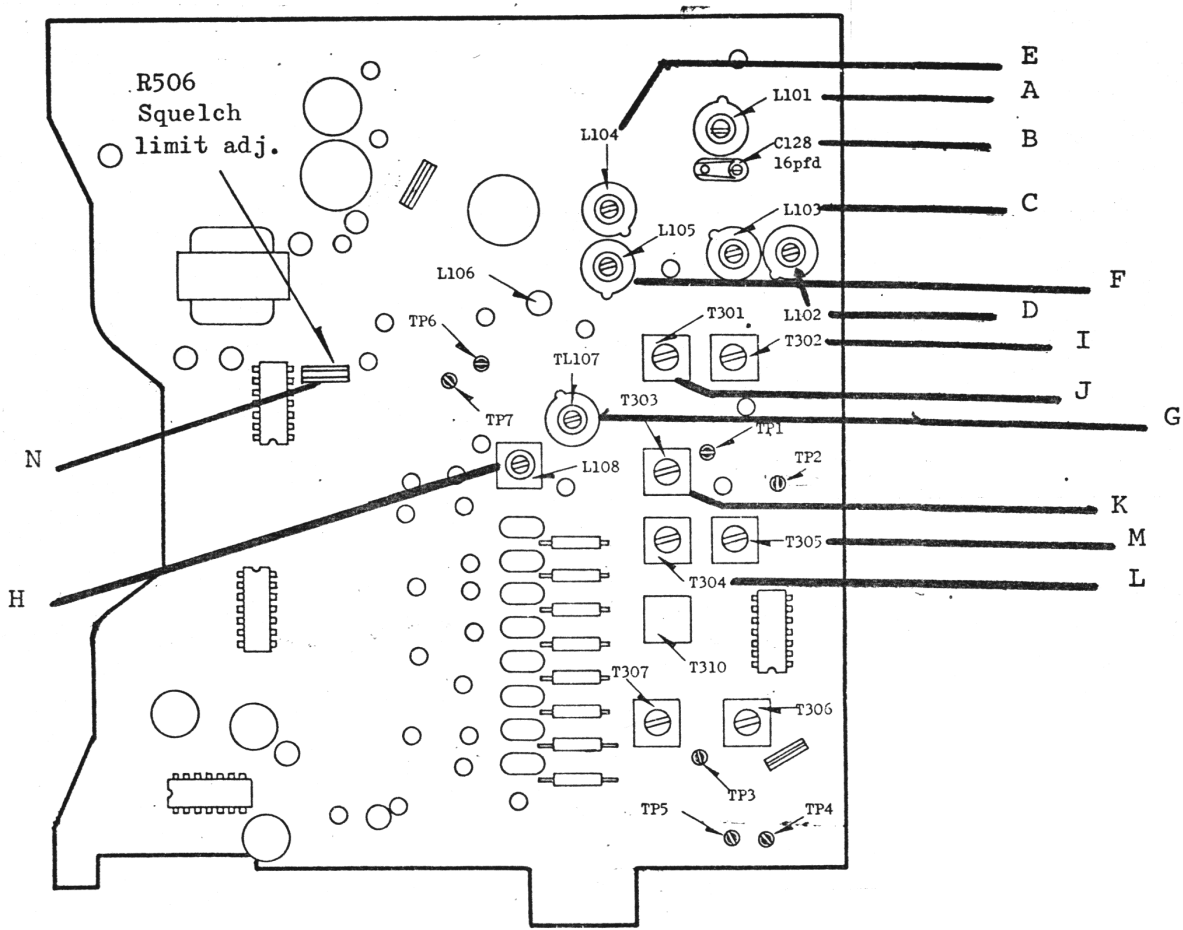
Since most transmitting stations operating in the 150-174 MHz region select frequencies in the lower part of this region, your monitor receiver has been factory aligned for optimum performance in the 152-160 MHz portion. While the monitor receiver will function normally for frequencies other than 152-160 MHz, optimum performance can be assured by a realignment of the receiver.



TEST EQUIPMENT CONNECTIONS - (FIG. 1)

1. Insert crystal for frequency to be aligned in the monitor's #2 socket. Turn monitor "ON" and manually switch sequencer to activate #1 bulb.
2. Set output of signal generator at .3 microvolts. Adjust frequency of generator to frequency of crystal in pos. #1 of the monitor.
3. Set vertical input range of the scope to read 1 volt d.c. A sensitive d.c. digital voltmeter may be used instead of d.c. oscilloscope

4. Align all adjustments in the following sequence (A-B-C, etc.) using a non metallic (nylon) tool only. Refer to location guide (Fig. 2).



(FIG. 2)

NOTE: Adjust (N) with generator set to 3 microvolts and squelch control at maximum upward position. Adjust for squelch to open at 2.5 to 3.0 microvolt input.

Ray Dashner
Customer Service Mgr.

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