

ADDENDUM

FOR INSTRUCTION MANUAL:

10085-0705

ADDENDUM NO:

L541

DATE:

July 1986

APPLIES TO:

All Half-Duplex Radios

FOR:

RF-350/RF-350K

SCOPE:

This addendum supports 100 channel simplex/100 channel half-duplex versions of the RF-350/RF-350K series transceiver. These units provide: 100 channel simplex/100 channel half-duplex operation; a transmit frequency monitor capability; and an automatic coupler bypass feature at frequencies below 4 MHz.

PROGRAMMING:

Programming is exactly as presently described in your manual for simplex operation. For half-duplex channels, install the receive frequency and other instructions exactly as described for simplex programming, but before pressing 2ND and LOAD (to store), continue by pressing 2ND and FREQ. This action will cause the XMIT indicator to blink and the FREQ indicator to illuminate. Enter the desired transmit frequency and then push 2ND and LOAD to store channel data. Continue for channels 00 through 99. The RF-350 Operators Card summarizes these procedures.

To monitor the transmit frequency of a half-duplex programmed channel before transmitting, press 2ND and FREQ while in normal receive mode. The display will change to indicate the transmit frequency, and the receiver will simultaneously switch over to operate on the transmit frequency. Press 2ND and FREQ to "toggle" back to normal operation. The XMIT indicator will stop flashing and the receiver will again operate on the receive frequency.

This version software will automatically bypass the RF-351 in receive mode if the frequencies are below 4 MHz and differ by an amount that would cause attenuation of the receive signal (the coupler is tuned to the transmit frequency).

MANUAL CHANGES:

We suggest making the following pen and ink changes in your manual: Change the Software Kit Part Number listed in table 7-1 from 10085-9603, to 10085-9604. Change the Control PWB Assembly Part Number to shown an "-01" suffix. Show the part number for U20 on this assembly as I26-0017-002 and change the description to read 8K x 8 RAM. Schematic differences for U20 on this assembly are shown in figure 1 on sheet two of this addendum. Note differences on table 7-19 and figure 7-33. Insert this addendum inside the front cover of the manual.

SHEET 1 OF 2

ADDENDUM

STRUCTION MANUAL:

05

ADDENDUM NO:

L541

DATE:

July 1986

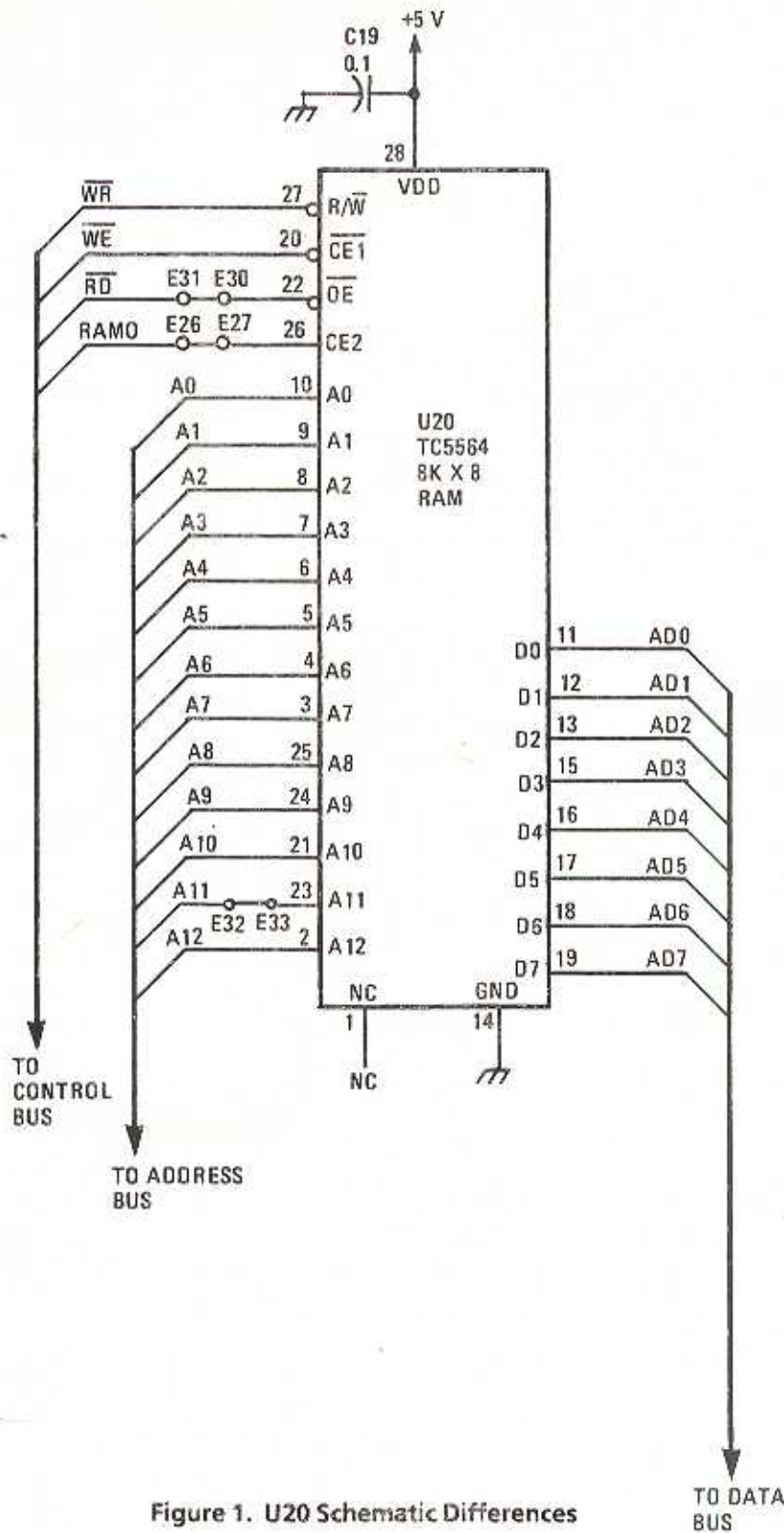


Figure 1. U20 Schematic Differences

SHEET 2 OF 2