

28 KEYBOARD SEND-RECEIVE (KSR) AND
RECEIVE-ONLY (RO) TELETYPEWRITER SETS
OPERATING TESTS

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1. GENERAL

1.01 This section describes the tests made to determine if the Keyboard Send-Receive (KSR) Set will operate properly. The KSR Set provides means for receiving page printed messages and for manually originating messages between two or more stations which are similarly equipped.

1.02 The Receive-Only (RO) Sets are similar to the KSR Set, but are not equipped with keyboard sending facilities. Tests involving the keyboard are not adaptable to the Receive-Only (RO) Sets.

2. KEYBOARD OPERATING TESTS

2.01 Turn the main power switch, located on the lower right side of keyboard, to its upper position, ON. This conditions the KSR Set for service depending on the capabilities of a built-in switching device, the stunt box.

2.02 Manually depress each character key and determine that the proper character is printed.

(a) Depressing the LOC LF (local line feed) key causes the paper to feed from the typing unit at approximately three times the speed obtained when the LINE FEED and REPT (repeat) keys are held depressed.

(b) Depressing the REC (keyboard lock) key causes the signal generator to be shunted, thereby preventing signal generation. This

key will remain depressed until released by depressing the SEND key.

(c) Depressing the SEND key (keyboard unlock) removes the shunt from the signal generator.

(d) Depressing the BREAK key for about two seconds operates the electrical keyboard lock as in (b) making it necessary to depress the SEND key to resume keyboard transmission.

(e) Hold the REPT (repeat) key depressed together with any other key except local function keys. This causes repeated transmission of the associated code combination.

(f) Depressing the LOC CR (local carriage return) key causes the carriage to return to the left-hand margin.

(g) Depressing the upper case S key causes the bell to ring once each time the key is depressed.

(h) Depressing the blank key alternately with any other key, except the local function keys, will not lock the keyboard. Depressing the blank key twice in succession operates the keyboard lock, and makes it necessary to depress the SEND key to resume keyboard transmission.

(i) Depressing the spacebar, located below the bottom row of keys, initiates an electrical signal, as well as a mechanical allowance, for a space (as between words) in the page printed message.

(j) Depressing the FIGS (figures) key conditions the equipment on the line for printing symbols indicated on the upper part of the keys, such as, figures, punctuation marks, or other upper case symbols.

(k) Depressing the LTRS (letters) key conditions the equipment on the line for printing characters indicated on the lower part of the keys.

CABINET LIGHTS

2.03 The margin indicator lamp, located to the right on the cabinet dome, is illuminated six characters before the end of a page printed line, or six characters before the counted end-of-line position. Care should be taken to avoid overtyping the last character.

2.04 The cabinet lights are controlled by a three-position switch located inside the top cover to the left of the top door. With the set connected to power, the power switch in the

ON position, and the light switch in the OFF position, all lights will be off. With the light switch in the NORMAL ON position, all lights will be on except the end-of-line indicator lamp. With the light switch in the MAINT. ON position, all lights will be on continuously except for the end-of-line indicator lamp.

2.05 With the set connected to power, the power switch in the OFF position, and the light switch in the MAINT. ON position, all lights will be on except the end-of-line indicator lamp.

Note: The left and right margins of the teletypewriter set are adjusted at time of installation. The operator should not attempt to make these adjustments.