

SELECTOR MAGNET PULSE REQUIREMENT

APPARATUS AFFECTED: 1B and 2B Tape Reperforators (DATASPEED).

OBJECT: To improve and stabilize the operating margins of the selector magnet assemblies.

CHANGE: The requirements for the optimum pulse length of input signal to the tape reperforator selector magnets have been changed as follows:

- (1) The pulse length requirement for all the code and the feed selector magnets, operating from either transistor or electron tube types of control equipment, has been changed to require a square-wave input pulse of a 4.5-millisecond duration. Teletype Bulletin 215B, page 1-7, change 4, paragraph "C", "Code and Feed Pulse Requirements," "Length (Milliseconds)" will be changed to indicate 4.5 milliseconds.
- (2) The illustration of the signal wave form shown in Teletype Bulletin 215B, page 1-7, change 4, "Code and Feed Pulse Requirements," will be deleted.
- (3) The following note will be added to Teletype Bulletins and the BSP as follows:

Teletype Bulletin 215B, page 1-7, change 4, paragraph "C".

Teletype Bulletin 285B, Volume 1, Issue 3.

Section 592-805-501, issue 3, page 4, referring to Tests No. 5 and No. 6 of Table "B".

Note: All production units are initially adjusted to a standard optimum input signal of a 4.5-millisecond pulse length with an expected operational tolerance requirement of approximately an 8% margin. The unit will be expected to operate through an input signal range of 4.15 to 4.85 milliseconds without a readjustment of the armature gap or armature spring tensions.

Field applications having control equipment generating signals other than an optimum 4.5-milliseconds pulse length may therefore require refinement of the original armature spring tension or the magnet plate adjustment to provide some operating margin of the unit at the signal pulse length being used.

IDENTIFICATION: Not applicable.

INTERCHANGEABILITY: Not affected.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: The change is now in effect.

W.E.CO. STOCK OF OLD PARTS: Not affected.

APPLICATION TO APPARATUS IN THE FIELD: Not affected.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: Not affected.

AVAILABILITY: Not affected.