142-TYPE AMPLIFIERS

TESTS, ADJUSTMENTS AND REQUIREMENTS

1. GENERAL

1.01 This addendum to Issue 1 of Section 024-106-500 is issued to revise the method of testing the primary power line supply voltage and the adjustment of the primary taps on the power transformer T2.

2. TESTS AND ADJUSTMENTS

(A) Power Transformer Adjustment

Change Paragraphs 2.01, 2.02, and 2.03 to read:

2.01 Power transformer T2 is provided with taps to cover the ac power line voltage ranges of 105-115 volts and 115-125 volts. The nominal ac power line voltage of the office should be determined, and the proper terminals, or leads, of the primary winding of transformer T2, shown in Fig. 6, connected to terminals 21 and 22 of the amplifier. These connections should be made before connecting the power line supply to the amplifier.

2.02 In the current model of the 142-type amplifier, T2 is a KS-14255 transformer, on which the winding taps are brought out to terminal lugs. Connections to amplifier terminals 21 and 22 are made by means of straps. In earlier models of the 142-type amplifier, T2 is a KS-13821 transformer on which the winding taps are brought out as flexible leads. In this case the proper flexible leads are terminated directly on terminals 21 and 22.

	Taps on T2	
	Terminals on	Leads on
AC Voltage	KS-14255	KS-13821
105-115	1 and 2	Black and Black-Yellow
115-125	1 and 3	Black and Black-Red