ALIGNMENT PROCEDURE.

EQUIPMENT

Signal Generator:	
Output Meter :	
Mica capacitor :	0.01MF
Dummy Antenna :	200 MMF Mica capacitor
Dummy Antenna :	400 Ohm non-inductive resistor
IF. Attenuator :	.0039 MF paper condenser and a 22 K. ohm ½W resistor connected in series.
Alignment Tools:	Type M195 & PM581
Alignment Template :	Part No.PB949

ALIGNMENT CONDITIONS.

Load Impedance:	2 Ohms (output meter connected across sec. of 10,000 : 2 Ohm imped. speaker trans.
Output Level:	50 Milliwatts
Vol. Control:	Max. Vol. fully clockwise
Gramo Radio Function Switch:	Position No.2. "Radio" (normal bandwidth)
Intermed. Freq.:	455 Kc/s
Input Voltage:	230 Volts 50 Cycle AC. input to trans. 230-240 Volt pri. tap.
Tone Control :	Treble position

IF. TRANS ALIGNMENT.

Operation No.	Generator Connection	Generator Frequency	Dummy Antenna	Instructions
1.	Remove receiver chassis from cabinet as detailed in the following pages of this bulletin.			
2.	To control grid of 6BH5 2nd. IF. valve pin No.2.	455 Kc/s	0.01MF Mica capacitor in series with generator	Turn wave change switch to b/cast. band.Turn gramo radio function switch to position No.2. "Radio" (normal bandwidth) Leave grid wire attached to valve socket. Peak 2nd. IF. trans. pri. and sec. for max. output.
3.	To control grid of 6AN7 valve pin No.2	455 Kc/s	0.01MF Mica capacitor in series with generator	Leave grid wire attached to valve socket. Turn cond. gang plates fully out of mesh. Peak 1st. IF. trans.pri. and sec. for max output.
4.	Repeat operations No.2 & 3.			