



**SPARTON SUPERHETERODYNE MODEL 10-21**  
**INTERMEDIATE FREQUENCY 456 K.C.**  
 BOTTOM VIEWS OF ALL SOCKET CONNECTIONS

TUBE	FUNCTION	Voltage of Socket Prongs to Gnd. See Prong Nos. on Schematic Dia.								
		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9
7A7	R-F Amplifier	0	260	75	3.8	0	0	3.8	6.2*	-
7Q7	Osc - Converter	0	260	75	-2.3	0	0	0	6.2*	-
7A7	I.F. Amplifier	0	260	75	3	0	0	3	6.2*	-
7B6	2nd Det - AVC - 1st Audio	0	140	0	1.1	0	.5	.6	6.2*	-
7A4	Inverter	0	223	50	0	0	17	60	6.2*	-
7A4	Viso-Glo Amplifier	0	40	160	0	275	0	1.2	6.2*	-
6V6G	Power Amplifier	0	0	260	265	-17	-17.5	6.3*	0	-
6V6G	Power Amplifier	0	0	260	265	-17	265	6.3*	0	-
5Y3G	Rectifier	0	390	0	355*	0	355*	0	390	-
6AF6G	Viso-Glo	0	0	40	17	260	0	6.2*	0	-

Notes: Voltage readings are for schematic diagram on back of sheet. Allow 15% + or - on all measurements. Always use meter scale which will give greatest deflection within scale limits. All DC measurements made with 20,000 ohms per volt voltmeter. All AC voltages made with rectifier type voltmeter. Unless designated otherwise, voltages in table are + DC voltages.  
 \*AC volts.