

Gilfillan



ENGINEERED BY RADAR EXPERTS

RADIO

**MODEL 36
A, B, C, D, E**

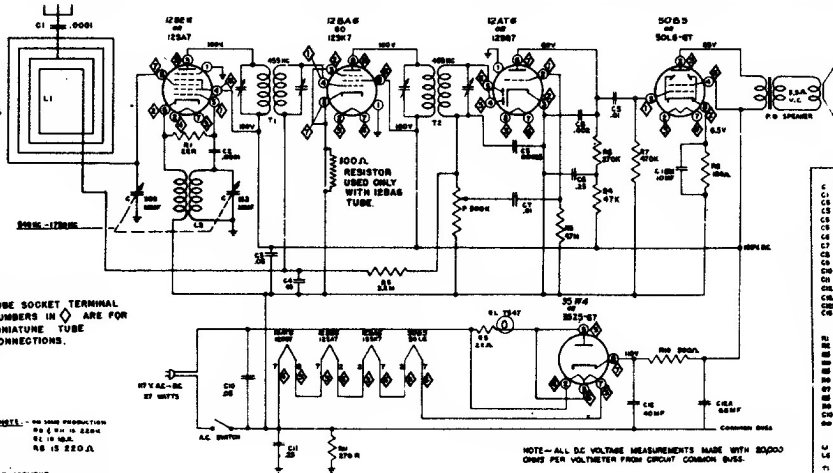
- ALIGNMENT PROCEDURE -

1. SET CONDENSER GAIN TO FULL 0000.
2. ADJUST RIAL PRINTS TO DARK MARK UNDER 1700 KC.
3. SPACE LOOP 1/2" INCESS FROM CHASSIS.
4. CONNECT SIGNAL GENERATOR OUTPUT LEAD TO ANTENNA CONNECTION ON LOOP IN SERIES WITH .00005 (20MM) CONDENSER.
5. SET SIGNAL INDICATOR TO 250 MC. TEST ADJUST I.F. TRIMMERS FOR PEAK RESPONSE INDICATOR BY OUTPUT METER CONNECTED TO SPEAKER WIRE COIL TERMINALS. FINAL ADJUSTMENT MADE WITH VOLUME CONTROL. FULL ON SIGNAL GENERATED OUTPUT ADJUST TO GIVE OUTPUT METER READING OF 1/2 VOLT A.C. MAXIMUM.
6. SET SIGNAL INDICATOR TO 1500 KC. METER TUNING KNOB TO 50% INDICATED ON 1500 KC. THEN ADJUST OSCILLATED TUNING FOR MAXIMUM RESPONSE ON OUTPUT METER. NOW ADJUST S.F. TRIMMER FOR MAXIMUM INDICATION ON OUTPUT METER.
7. INSTALL CHASSIS IR CORRECT. MARK CERTAIN LOOP BEST AGAINST BACK OF CHASSIS.

TUBE SOCKET TERMINAL NUMBERS IN \diamond ARE FOR MINIATURE TUBE CONNECTIONS.

NOTE - NO SHOCK PRODUCTION
 80 OHM IS 200K
 81 IS 10K
 82 IS 220 OHM

TUBE PLACEMENT



NOTE - ALL D.C. VOLTAGE MEASUREMENTS MADE WITH 20,000 OHMS PER VOLTMETER FROM CIRCUIT COMMON BUSES.

CONDENSERS			
C1	.0001	500-000	MICA
C2	.001	500	MICA
C3	.05	500	TUBULAR
C4	.05	500	MICA
C5	.0005	500	MICA
C6	.15	500	TUBULAR
C7	.1	500	TUBULAR
C8	.001	500	TUBULAR
C9	.1	500	TUBULAR
C10	.1	500	TUBULAR
C11	.1	500	TUBULAR
C12	.05	500	ELECTROLYTIC
C13	.05	500	ELECTROLYTIC
C14	.05	500	ELECTROLYTIC
C15	.05	500	ELECTROLYTIC
C16	.05	500	ELECTROLYTIC

RESISTORS ± 20%			
R1	25K	1/2 WATT	
R2	25K	1/2 WATT	
R3	5.2K	1/2 WATT	
R4	47K	1/2 WATT	
R5	1.2K	1/2 WATT	
R6	47K	1/2 WATT	
R7	270 OHM	1/2 WATT	
R8	470 OHM	1/2 WATT	
R9	100K	1/2 WATT	
R10	100K	1/2 WATT	
R11	270 OHM	1/2 WATT	

P. H. SPEAKER C14-2307			
14	500 OHM	VOL. CONTROL	AA-10004
15	47 OHM		