MODEL 100
NOTE: REMAINDER OF THIS CIRCUIT IS THE SAME AS THE RCA 630TS.
REFER TO PAGES 1-76 THROUGH H-16.

MODEL 100A
VIDAIRE FM-AM TUNER ALIGNMENT INSTRUCTIONS
MODEL REFER TO TV CHASSIS AND TUNER SCHEMATICS

FM ALIGNMENT

1. Switch band switch to FM position. Pilots should light up.
2. Adjust trimmers on top variable—one trimmer for 3/4 maximum capacity
R.F. trimmer for 1/2 capacity.
3. Connect antenna to antenna terminal strip and stations should be
heard.
4. Set tuner dial at 108 MC. Remove antenna.
5. Place voltmeter probe at junction of R219 and R220 through hole in
shield.
6. Set signal generator at 21.25 MC.
7. Place generator probe rear mixer grid.
8. Adjust I.F. transformer in tuner, bottom then top for maximum output.
9. Set generator at 108 MC.
10. Feed generator signal into antenna terminal through dummy lead.
11. Set generator at 88 MC.
12. Set dial at 55 MC.
13. Adjust P.M. oscillator coil for maximum output.
14. Set dial at 108 MC.
15. Set generator at 108 MC.
16. Readjust P.M. oscillator trimmer for maximum output.
17. Set dial at approximately 102 MC.
18. Set generator at 102 MC.
19. Adjust P.M. oscillator trimmer for maximum output while rocking variable
condenser.
20. Remove generator and voltmeter from receiver.
21. Connect antenna and tune in a few well known stations.

AM ALIGNMENT — SET BAND SWITCH IN AM POSITION

1. Connect voltmeter or A.V.C. bus.
2. Set generator at 455 KC.
4. Adjust 2nd AM IF and then last AM IF for maximum output.
5. Set generator at 1400 KC.
6. Place generator lead in vicinity of loop antenna.
7. Turn dial to 1400 KC.
8. Adjust A.M. oscillator trimmer for maximum output.
9. Set generator and dial at 600 KC.
10. Adjust A.M. oscillator coil and variable condenser plates for
maximum output.
11. Set generator and dial at 1400 KC.
13. Set the band switch in phone position and check for loud hum when
touching the phone jack.
NOTE: REMAINDER OF THIS CIRCUIT IS THE SAME AS THE RCA 630'TS. REFER TO PAGES I-17 THROUGH I-116