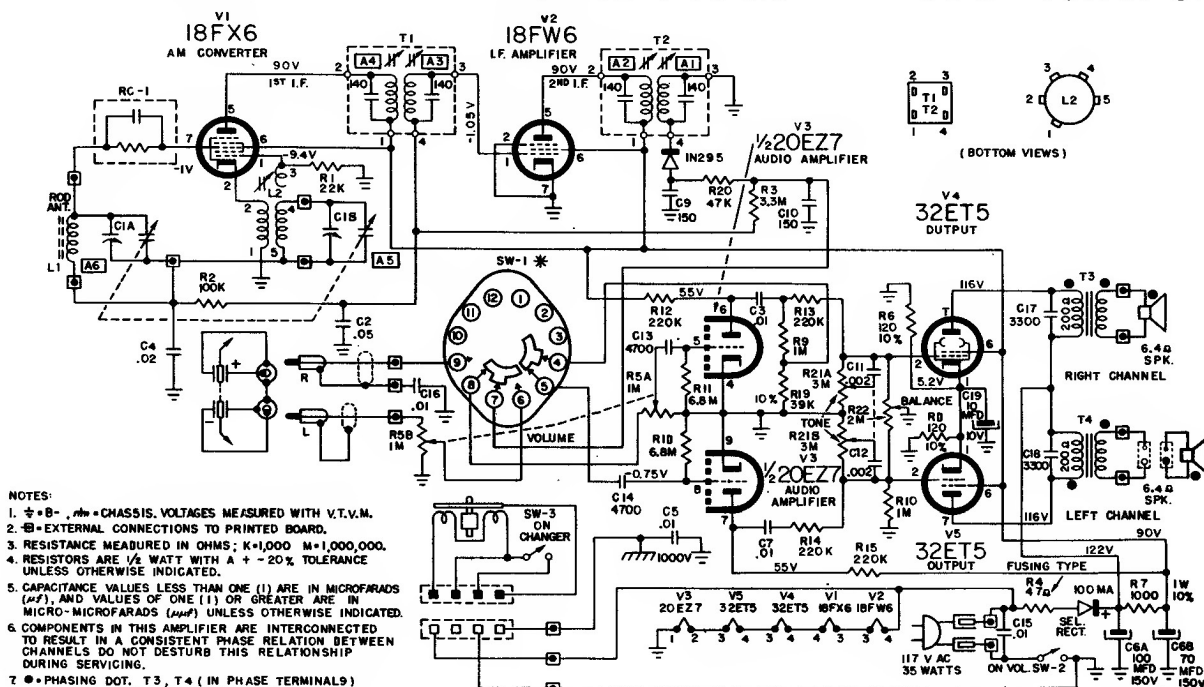


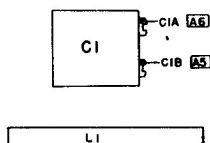
Arvin

MODEL 72P25

CODE 1.69701



- NOTES:
1. ϕ = 8- ϕ = CHASSIS. VOLTAGES MEASURED WITH V.T.V.M.
 2. $\square$ = EXTERNAL CONNECTIONS TO PRINTED BOARD.
 3. RESISTANCE MEASURED IN OHMS; K=1,000 M=1,000,000.
 4. RESISTORS ARE 1/2 WATT WITH A $\pm$ 20% TOLERANCE UNLESS OTHERWISE INDICATED.
 5. CAPACITANCE VALUES LESS THAN ONE (μ) ARE IN MICROFARADS (μ F), AND VALUES OF ONE (μ) OR GREATER ARE IN MICRO-MICROFARADS (μ MFD) UNLESS OTHERWISE INDICATED.
 6. COMPONENTS IN THIS AMPLIFIER ARE INTERCONNECTED TO RESULT IN A CONSISTENT PHASE RELATIONSHIP BETWEEN CHANNELS DO NOT DISTURB THIS RELATIONSHIP DURING SERVICING.
 7. $\bullet$ = PHASING DOT. T3, T4 (IN PHASE TERMINALS) SPEAKER (POSITIVE VOLTAGE MOVES VOICE COIL OUTWARD).
 - *B. SELECTOR SWITCH VIEWED FROM FRONT IN FULL COUNTER CLOCKWISE, RADIO POSITION - 60° DETENT.



ALIGNMENT PROCEDURE

PRELIMINARY:

Output meter connection Across speaker voice coil
 Output meter reading to indicate 500 milliwatts . . 1.26 volts
 Connection of generator ground lead Floating ground
 Generator modulation 30% 400 cycles
 Position of Volume Control Fully clockwise

Position of Variable	Frequency of Generator	Dummy Antenna	Generator Output Connection	Trimmers Adjusted in Order Shown* for Maximum Output	Function of Trimmer
Open	455 Kc	.05 μ fd	Pin 7 18FX6	A1, A2, A3, A4	I. F.
Open	1670 Kc		* Test Loop	A5	Oscillator
1400	1400 Kc		* Test Loop	A6	Antenna
1000	1000 Kc		* Test Loop	Fan C1A Plates	
600	600 Kc		* Test Loop	Fan C1A Plates	

*Standard Hazeltine Test Loop Model 1150 or a 6" diameter loop, composed of 3 turns of wire, placed about one foot from the set loop.

The alignment procedure should be repeated in the original order for greatest accuracy. Always keep the output from the signal generator at its lowest possible value to make the AVC action of the receiver ineffective.