



- UNLESS OTHERWISE SHOWN, RESISTORS ARE IN OHMS, CAPACITORS ARE IN UUF.
- C12 AND L6 ARE NOT USED IN RADIO SET AN/PRC-8. VALUE OF C12 IS 4-56 UUF IN RADIO SET AN/PRC-9, AND 3-35 UUF IN RADIO SET AN/PRC-10.
- VALUES OF R11 FOR DIFFERENT MODELS OF THE RADIO SETS ARE SHOWN IN THE FOLLOWING CHART:

ORDER NO.	VALUE IN OHMS		
	AN/PRC-8	AN/PRC-9	AN/PRC-10
1758-PHILA-51	270K	330K	470K
3153-PHILA-51	270K	330K	470K
3374-PHILA-52	270K	330K	470K
15176-PHILA-52	270K	330K (SERIAL NOS. 1 THRU 4975)	470K (SERIAL NOS. 1 THRU 4000)
		5,600 (SERIAL NOS. 4976 THRU 8926)	6,800 (SERIAL NOS. 4001 THRU 12433)
15178-PHILA-52			470K (EARLY MODELS) 6,800 (LATER MODELS)
3432-PHILA-52			6,800

NOTES:

- VALUE OF R13 IS 1.2 MEGOHMS IN ALL MODELS OF RADIO SET AN/PRC-8 AND IN EARLY MODELS OF RADIO SETS AN/PRC-9 AND -10. ITS VALUE IS 20K IN THE FOLLOWING MODELS OF RADIO SETS AN/PRC-9 AND -10:

ORDER NO.	SERIAL NOS.	
	AN/PRC-9	AN/PRC-10
15176-PHILA-52	4976 THRU 8926	4001 THRU 12433
15178-PHILA-52		LATER MODELS
3432-PHILA-52		ALL MODELS

- THE ORIGINAL R12 (CONNECTED BETWEEN PINS 7 AND 5 OF V3) IS OMITTED IN THE FOLLOWING MODELS OF RADIO SETS AN/PRC-9 AND -10.

ORDER NO.	SERIAL NOS.	
	AN/PRC-9	AN/PRC-10
15176-PHILA-52	4976 THRU 8926	4001 THRU 12433
15178-PHILA-52		LATER MODELS
3432-PHILA-52		ALL MODELS

- R6 IS NOT USED IN RADIO SET AN/PRC-10.
- R8, 18K, IS USED ONLY IN RADIO SET AN/PRC-10. IT IS CONNECTED FROM E2F TO E5H EXCEPT IN MODELS SHOWN IN CHART BELOW IN WHICH ITS VALUE IS 470K AND IT IS CONNECTED FROM E4H TO E5H.

ORDER NO.	SERIAL NOS.
1758-PHILA-51	1 THRU 6499
3374-PHILA-52	21562 THRU 23561

Figure 17. Transmitter oscillator circuit.