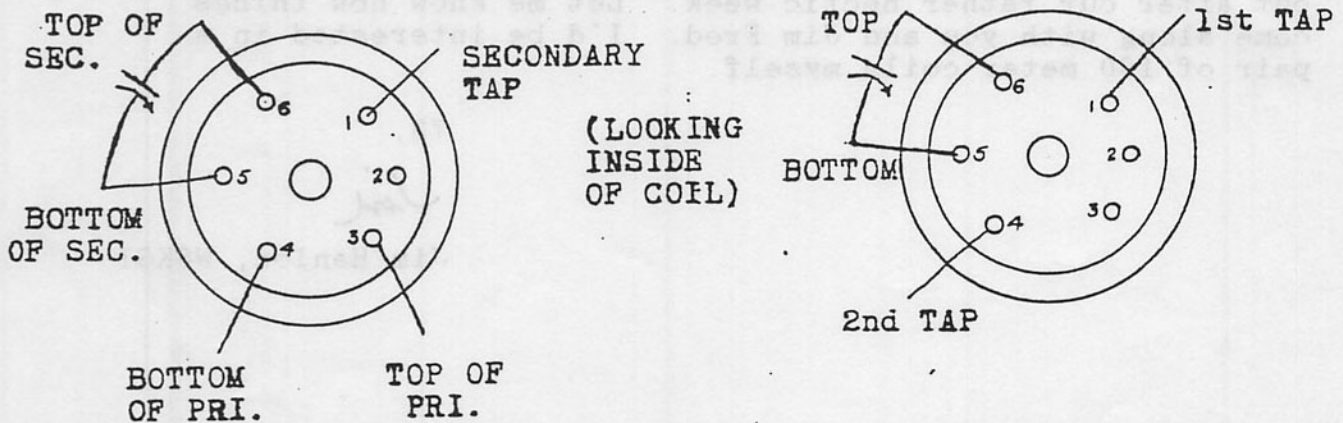


## COIL DATA

80 meter Bandsread Coils for the AGS Receiver. Range 3.5-4.0 mc.

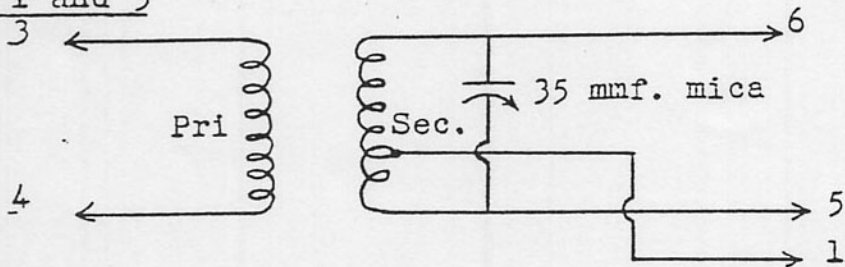
COIL	WINDING	TURNS PER POSITION INCH	PER POSITION OF TAP	WIRE SIZE	TOTAL NO. OF TURNS
#1	Secondary	24	14 5/6 turns	#24 enamel	34 5/6
	Primary	24	from bottom 0	#34 DC	7 5/6
#2	Secondary (tapped)	24	1st-7 1/6 turns from bottom 2nd-13 1/2 turns from bottom	#24 enamel	34 5/6
#3	Secondary	24	15 turns	#24 enamel	34 5/6
	Primary	24	from bottom 0	#34 DC	21 5/6



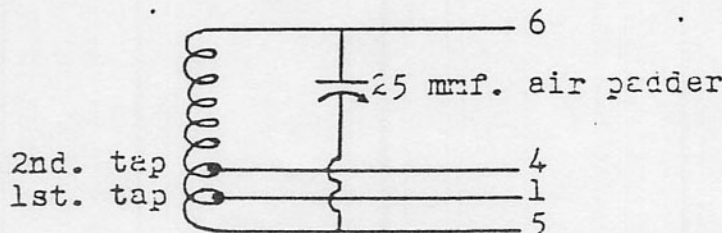
COILS 1&3-DETECTOR AND R.F.

COIL 2-OSCILLATOR

COILS 1 and 3



COIL 2

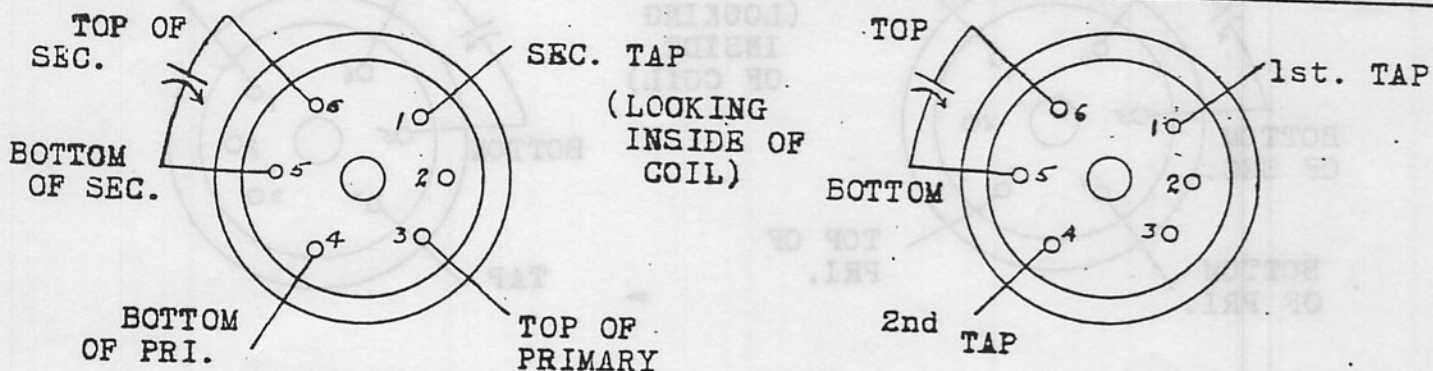


NOTE: For FB-7 and FBX receivers, use Coils #1 and 2 only.

COIL DATA

20 meter Bandsread Coils for the AGS Receiver. Range 14.0-14.4 mc.

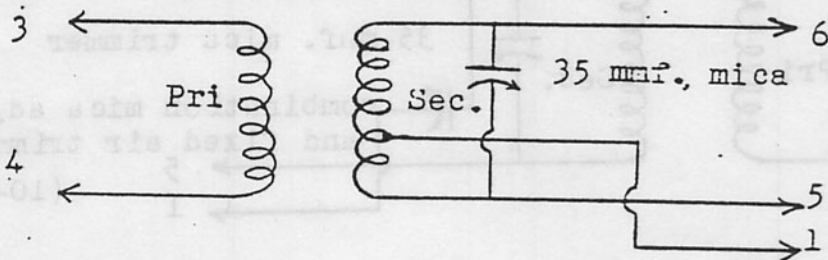
COIL	WINDING	TURNS PER INCH	POSITION OF TAPS	WIRE SIZE	TOTAL NO. OF TURNS
#1	Secondary	8	1 1/3 turns from bottom	#24 enamel	7 5/6
	Primary	8	0	#34 DS	3 5/6
#2	Secondary (tapped)	8	1st- 1 1/6 turns from bottom 2nd- 2 1/6 turns from bottom	#24 enamel	4 1/12
#3	Secondary-	8	1 1/3 turns from bottom	#24 enamel	8 5/6
	Primary	8	-	#34 DS	6 5/6



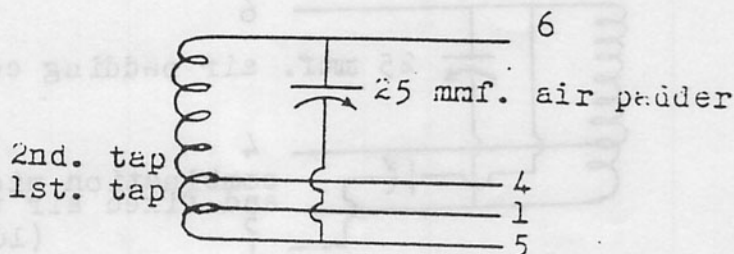
COILS 1 & 3  
DETECTOR  
(and R.F.)

COIL 2  
OSCILLATOR

COILS 1 and 3



COIL 2



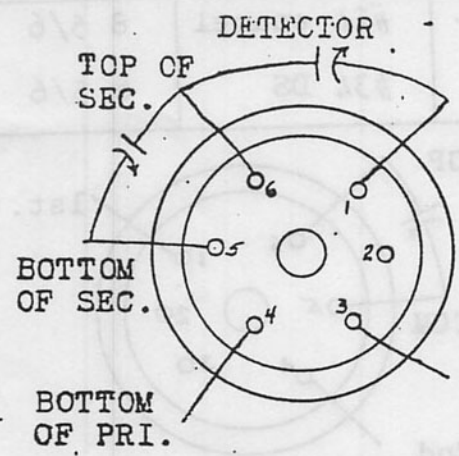
NOTE: For FB-7 and FBX receivers, use Coils #1 & 2 only.

### COIL DATA

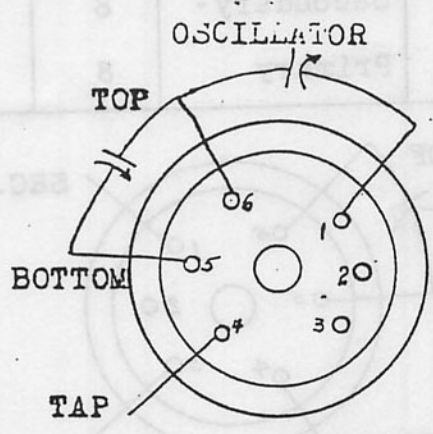
10 meter Bandsread Coils for Fb-7 and FBX receivers. Range (28-30 Mc)

COIL	WINDING	TURNS PER INCH	POSITION OF T.P.	WIRE SIZE	TOTAL NO. OF TURNS
Det. #1	Secondary	8	0	#22 enamel	2 1/2 + 1/2
	Primary	8	0	#22 enamel	1 1/6
Osc. #2	Secondary (tapped)	8	1/2 turn from bottom	#22 enamel	2 1/2 + 1/2

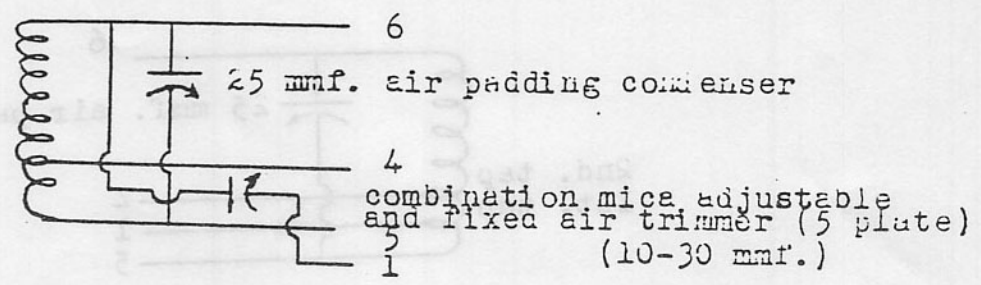
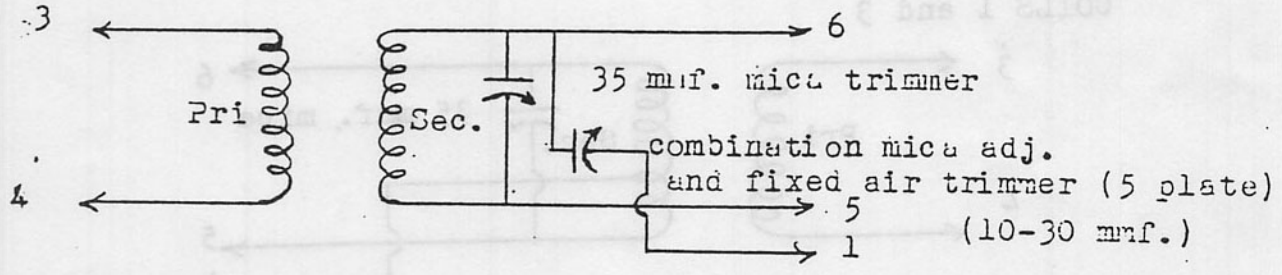
NOTE: For AGS receiver, Coil #3 is the same as Coil #1



(LOOKING INSIDE OF COIL)



Coils #1 and 3



COIL WINDING DATA ON AGS RECEIVER - BANDSPREAD COILS -  
 (FOR FB-7 AND FB-X RECEIVERS, USE COILS #1 AND 2 ONLY)

COIL #	WINDING	WIRE SIZE	(FROM BOTTOM - PRONG END)		TOTAL NO OF TURNS	TURNS PER INCH
			1st Tap	2nd Tap		
10 Me-ter	#1 Secondary #2 Primary #3 For AGS Receiver, coil #3 is the same as coil #1.	#23 Enamel #22 Enamel #22 Enamel	0 0 1/2		2 1/2 + 1/2 1 1/6 2 1/2 + 1/2	8 8 8
20 Me-ter	#1 Secondary #2 Primary #3 Secondary #3 Primary	#24 Enamel #34 Double #24 Enamel #24 Enamel #34 Double	0 1 1/6 1 1/3	2 1/6	6 5/6 4 1/12 8 5/6 6 5/6	8 8 8 8
40 Me-ter	#1 Secondary #2 Primary #3 Secondary #3 Primary	#24 Enamel #34 Double #24 Enamel #24 Enamel #34 Double	4 5/6 3 1/6 4 5/6	3 3/4	17 5/6 4 5/6 8 5/6 19 5/6 12 5/6	14 14 14 14 14
80 Me-ter	#1 Secondary #2 Primary #3 Secondary #3 Primary	#24 Enamel #34 Double #24 Enamel #24 Enamel #34 Double	14 5/6 7 1/6 15	13 1/2	34 5/6 7 5/6 34 5/6 34 5/6 21 5/6	24 24 24 24 24
160 Me-ter	#1 Secondary #2 Primary #3 Secondary #3 Primary	#28 Enamel #32 Double #28 Enamel #28 Enamel #32 Double	35 2/3 11 1/3 34 2/3	25 2/3	58 5/6 8 5/6 58 5/6 58 5/6 33 5/6	40 40 40 40 40

COIL WINDING DATA ON FB-7 AND FB-X RECEIVERS, USE COILS #1 AND 2 ONLY

COIL # WINDING WIRE SIZE (FROM BOTTOM - PRONG END) TOTAL NO OF TURNS TURNS PER INCH

10 Me-ter #1 Secondary #23 Enamel 0 2 1/2 + 1/2 8

10 Me-ter #2 Primary #22 Enamel 0 1 1/6 8

10 Me-ter #3 For AGS Receiver, coil #3 is the same as coil #1. #22 Enamel 1/2 2 1/2 + 1/2 8

20 Me-ter #1 Secondary #24 Enamel 0 1 1/6 8

20 Me-ter #2 Primary #34 Double 1 1/6 4 1/12 8

20 Me-ter #3 Secondary #24 Enamel 1 1/3 8 5/6 8

20 Me-ter #3 Primary #34 Double 0 6 5/6 8

40 Me-ter #1 Secondary #24 Enamel 4 5/6 17 5/6 14

40 Me-ter #2 Primary #34 Double 3 1/6 4 5/6 14

40 Me-ter #3 Secondary #24 Enamel 4 5/6 8 5/6 14

40 Me-ter #3 Primary #24 Enamel 19 5/6 19 5/6 14

40 Me-ter #3 Primary #34 Double 12 5/6 12 5/6 14

80 Me-ter #1 Secondary #24 Enamel 14 5/6 34 5/6 24

80 Me-ter #2 Primary #34 Double 7 1/6 7 5/6 24

80 Me-ter #3 Secondary #24 Enamel 15 34 5/6 24

80 Me-ter #3 Primary #24 Enamel 15 34 5/6 24

80 Me-ter #3 Primary #34 Double 15 21 5/6 24

160 Me-ter #1 Secondary #28 Enamel 35 2/3 58 5/6 40

160 Me-ter #2 Primary #32 Double 11 1/3 8 5/6 40

160 Me-ter #3 Secondary #28 Enamel 34 2/3 58 5/6 40

160 Me-ter #3 Primary #28 Enamel 34 2/3 58 5/6 40

160 Me-ter #3 Primary #32 Double 34 2/3 33 5/6 40

COIL WINDING DATA ON FB SERIES GENERAL COVERAGE COILS

COIL	WINDING	WIRE SIZE	(FROM BOTTOM - PRONG END)		TOTAL NO. OF TURNS	TURNS PER INCH
			1st Tap	2nd Tap		
Det. A	Secondary Primary Oscillator	#18 Enamel #24 Enamel #16 Enamel	8 1/6		6 1/3	5
Osc. A					3	5
Det. B	Secondary Primary Oscillator	#18 Enamel #24 Enamel #18 Enamel	2 1/6		11 5/6 3 1/2 11 1/6	8 8 8
Osc. B						
Det. C	Secondary Primary Oscillator	#18 Enamel #34 Double Silk #20 Enamel	3		21 5/6 5 1/6 18 1/2	14 14 14
Osc. C						
Det. D	Secondary Primary Oscillator	#24 Enamel #34 Double Cotton #24 Enamel	7 1/6	80	34 5/6 7 5/6 32 5/6	24 24 24
Osc. D						
Det. E	Secondary Primary Oscillator	#28 Enamel #34 Double Silk #28 Enamel	11 1/6	27 1/2	58 5/6 8 5/6 55 5/6	40 40 40
Osc. E						
Det. F	Secondary - Not wound by us. Primary Oscillator	#30 Double Silk #28 Enamel	14 1/6		15 5/6 64 5/6	48 (use 35 mmf. mica trimmer)
Osc. F						

All oscillator coil handles should be grounded to trimmer grd. - (Trimmers across secondaries same as AGS.)