

TAR - 224

Inspection Work Sheet - Transmitter

Band Dial Setting	Xtal f <sub>1</sub> - f <sub>2</sub> Frequency	Output Power Watts		Keyer Waveform	<del>CC-224</del>	Remarks
		CW	AM			
f <sub>1</sub>	<del>0</del>			X	X	AM OK
	4	18	8	OK	X	
	<del>8</del>			X	X	
	8	18	7	X	X	
f <sub>2</sub>	<del>0</del>			X	X	
	16	21	6	OK	X	
	20	19	6	X	X	
	<del>24</del>			X	X	

Power Output	CW $\geq$ 13.0 watts AM $\geq$ 4.0 watts (unmod)
Keyer Waveform	OK if no apparent distortion as viewed on oscilloscope
<del>CC-224</del>	<del>Power output check at 16 MHz OK 15 P. 2.15 watts</del>

TAR - 224 Serial No. 549  
 Date 16 Sept. 76  
 Inspector [Signature]

TAR - 224

Inspection Work Sheet - Receiver

Band	Frequency	Sensitivity S+N/N $\geq$ 10 dB		Dial Cal. <del>OK?</del> OK?	<del>Crystal</del> Crystal Spot
		CW	AM		
1	<del>2.5</del>			<del>OK</del>	
	2.5	1.0	4.2	OK	
	3.7	1.0	4.2		
2	<del>5.5</del>				
	5.5	1.0	3.0		
	6.9	1.0	3.0		
3	<del>10.5</del>				
	10.5	1.0	3.7	OK	
	12.9	1.0	3.4		
4	13.8	1.7	7.6		OK
	20.5	1.4	6.2	OK	
	<del>25.0</del>				

- Relay K2 de-energizes OK (9.5 to 10.5 volts).  
Resets OK (11 volts).
- Audio, 1 mW 500 $\Omega$  <12% distortion at 14 MHz 500  $\mu$ V input 4.5%.
- BFO operation OK (+3 kHz).
- AGC action OK (Input: 60 dB over 100  $\mu$ V. Output change <10dB).

TAR-224 Serial No. \_\_\_\_\_

Date \_\_\_\_\_

Inspector \_\_\_\_\_