



GTA 11-10-023

STANDARD MODES OF OPERATION CHART FOR RADIO TELETYPEWRITER SET AN/GRC-142()

References: CM/SM 05C 1/2

Task No. 113-559-2002

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MODE OF OPERATION

Adjust mode to transmit first; then to receive.

Read left side of page. Follow steps in numerical order.

Read right side of page. Follow steps in numerical order.

STEP	85 Hz T.	85 Hz R.	850 Hz T.	850 Hz R.	SSB-VOICE T.	SSB-VOICE R.	CW T.	CW R.	STEP
RCV SEND sw: RCV	1	1	1	1	1	1	1	1	TT-98 LINE-BREAK: BREAK & CHECK modern meter for center scale reading
RCV SEND sw: SEND	8	8							TT-98 MOTOR sw: OFF
SER SEL sw: SSB-NSK.	2				5				TT-98 LIGHT sw: OFF
SER SEL sw: FSK		2			2				SCOPE INTENS: midrange
SER SEL sw: AM					3				SCOPE INTENS: min bright
SER SEL sw: CW.									SCOPE INTENS: Fully Left
RT AUDIO GAIN CONTROL: midrange	3		3						FREQ VERNIER: Adj for Best reception
RT BFO CONTROLL: 45 degrees off center	4	7	4	7					FREQ VERNIER: Adj for equal angles on CRT
RT SFO CONT: best tone									Lower freq. 2 KHz
METER FUNC sw: RCV Loop No. 1	3	6	3						TUNE OPER sw: TUNE
METER FUNC sw: RCV LEV	2		2	6					TUNE OPER sw: OPER
MODE SEL sw VOICE									TEST METER: midrange
MODE SEL sw 85 Hz	4	9	4	9					TEST METER: 0 to mid.
MODE SEL sw 850 Hz			4		9				Modern AUDIO GAIN CONT: Conf. level
RT AUDIO GAIN CONT: Adj for modem meter Pointer in RCV BOX	5	8	5	8	3	4	16	2	MID BFO CONT: Adj for equal Angles on CRT.
OWR INV sw: ON for DC	5		5						KY: 116 depress.
OWR INV sw: OFF					4			4	PUSH-TO-TALK sw: PUSH: give voice test.
TT-98 MOTOR sw: ON	6		6						
TT-98 LIGHT sw: ON	7		7						