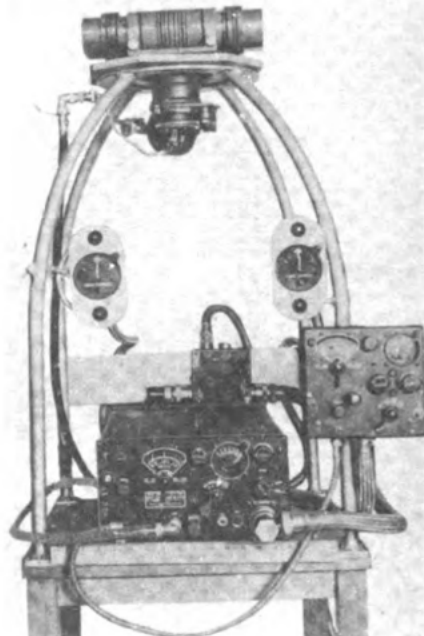


SCR-282 NOMENCLATURE DESIGNATION		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		STATUS:	LIMITED STANDARD 10 Nov 42	INSTRUCTIONAL LITERATURE: TO 08-10-27																																																							
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)		CHANGE IN STATUS:																																																									
<p>FREQUENCY RANGE: (Kc) 150 - 1,500 Kc.</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: LOOP AND FIXED VERTICAL ANTENNA.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 24 - 28 VOLTS DC, AIRCRAFT BATTERY.</p> <p>SIMILAR SETS: SCR-242 WHICH USES 12 VOLT POWER SOURCE.</p> <p>POWER OUTPUT: (WATTS)</p> <p>TUBES: (TYPE AND NUMBER)</p> <table border="0"> <tr><td>1</td><td>VT-66</td></tr> <tr><td>6</td><td>VT-86</td></tr> <tr><td>1</td><td>VT-87</td></tr> <tr><td>1</td><td>VT-95</td></tr> <tr><td>1</td><td>VT-94</td></tr> <tr><td>2</td><td>VT-96</td></tr> </table>		1	VT-66	6	VT-86	1	VT-87	1	VT-95	1	VT-94	2	VT-96	<p>PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)</p> <p>USE: TO PROVIDE AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY OR VISUAL, UNI-DIRECTIONAL, RIGHT-LEFT INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP AND SIMULTANEOUS "ON COURSE", AURAL RECEPTION OF MODULATED RADIO FREQUENCY.</p> <p>RANGE: (MILES)</p> <p>TO COMMUNICATE WITH:</p> <p>TO REPLACE IN PART: SCR-186</p> <p>TRANSPORTATION: AIRCRAFT INSTALLATION</p> <p>TYPE OF SIGNAL: CW & MCW</p>																																															
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2	VT-96																																																												
<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)</p> <table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>RADIO COMPASS UNIT BC-310</td> <td>7</td> <td>12</td> <td>20 1/2</td> <td>45.3</td> <td></td> </tr> <tr> <td>RADIO CONTROL BOX BC-311</td> <td>7 1/2</td> <td>7 1/2</td> <td>3 15/16</td> <td>4.3</td> <td></td> </tr> <tr> <td>LOOP LP-18-C</td> <td></td> <td></td> <td></td> <td>7.1</td> <td></td> </tr> <tr> <td>INDICATOR I-75-A</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5"> <p>NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.</p> </td> <td></td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td>65# APPROX.</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME:</td> <td></td> <td></td> </tr> <tr> <td colspan="4">SHIP TONNAGE:</td> <td></td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RADIO COMPASS UNIT BC-310	7	12	20 1/2	45.3		RADIO CONTROL BOX BC-311	7 1/2	7 1/2	3 15/16	4.3		LOOP LP-18-C				7.1		INDICATOR I-75-A						<p>NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.</p>						COMBINED WEIGHT OF COMPONENTS:				65# APPROX.		COMBINED VOLUME:						SHIP TONNAGE:						<p>RADIO COMPASS SCR-282 IN OPERATING POSITION - SHOWING COMPONENTS</p>		
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