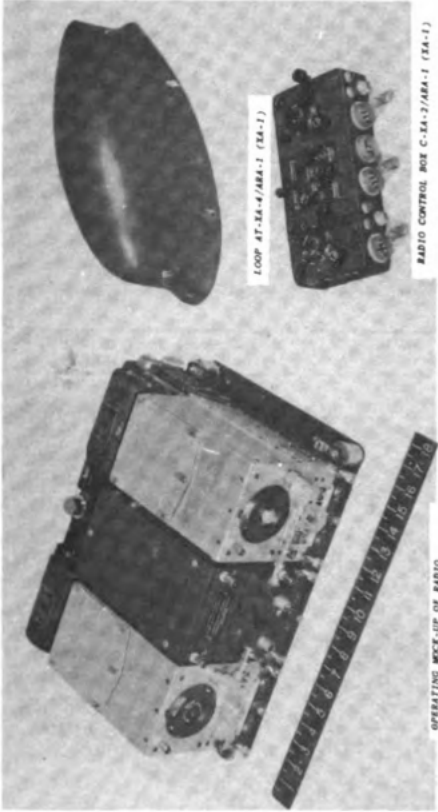


INSTRUCTIONAL LITERATURE:	STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1>AN/ARA-1</h1>																																																			
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)																																																			
 <p style="font-size: small; margin-top: 5px;"> LOOP AT-3A-4/ARA-1 (EA-1) RADIO CONTROL BOX C-3A-7/ARA-1 (EA-1) OPERATING MOCK-UP OF RADIO COMPASS ADAPTER AN/ARA-1 (EA-1) (RECEIVING GROUP) COMPONENTS OF RADIO COMPASS ADAPTER AN/ARA-1 (EA-1) MODULATOR UNIT MD-XA-1/ARA-1 (EA-1) SHOWN MOUNTED BETWEEN MODIFIED RECEIVERS OF RADIO SET SCR-274-N </p>			FREQUENCY RANGE: (Mc) .190 -1.5 NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: FIXED OR ROTATABLE LOOP AND SENSE ANTENNA. TUNING: (MO OR XTAL) SINGLE CONTROL. SENSITIVITY: SELECTIVITY: POWER SOURCE: 28 VOLTS D. C. SIMILAR SETS: SCR-186 POWER OUTPUT: (WATTS) NONE TUBES: (TYPE AND NUMBER) 1-12SK7 1-12SR7 2-12AH7GT.		USE: USED WITH BC-453-B AND/OR BC-946 TO GIVE AURAL OR VISUAL LEFT-RIGHT RADIO COMPASS OPERATION. RANGE: MAXIMUM 300 MILES, DEPENDING UPON TRANSMITTER. TO COMMUNICATE WITH: TO REPLACE IN PART: ANY AIRCRAFT LEFT-RIGHT COMPASS. TRANSPORTATION: AIRBORNE. TYPE OF SIGNAL: CW - MCW - VOICE.																																																			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																																					
			<table border="1" style="width:100%; border-collapse: collapse;"> <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>COMPASS MODULATOR</td> <td></td> <td></td> <td></td> <td>7.0#</td> <td></td> </tr> <tr> <td>INDICATOR 1-75-A</td> <td></td> <td></td> <td></td> <td>1.87#</td> <td>UNCLASSIFIED</td> </tr> <tr> <td>INDICATOR 1-65-A</td> <td></td> <td></td> <td></td> <td>1.75#</td> <td>UNCLASSIFIED</td> </tr> <tr> <td>CONTROL BOX</td> <td></td> <td></td> <td></td> <td>3.00#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td>14# (APPROXIMATE)</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME OF COMPONENTS:</td> <td>400 CU. IN.</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	COMPASS MODULATOR				7.0#		INDICATOR 1-75-A				1.87#	UNCLASSIFIED	INDICATOR 1-65-A				1.75#	UNCLASSIFIED	CONTROL BOX				3.00#		COMBINED WEIGHT OF COMPONENTS:				14# (APPROXIMATE)		COMBINED VOLUME OF COMPONENTS:				400 CU. IN.		SHIP TONNAGE:					
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