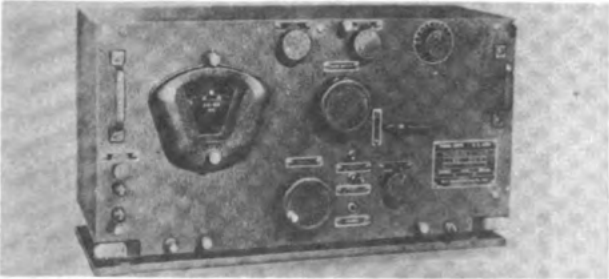
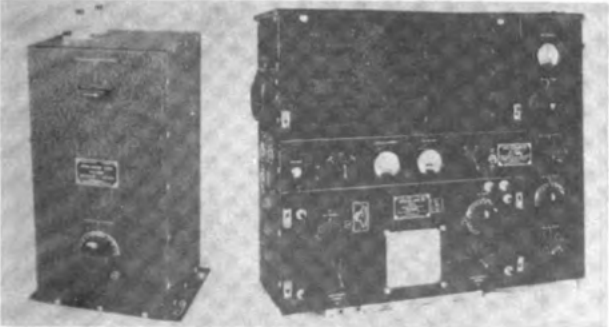


<p>INSTRUCTIONAL LITERATURE: COVERED BY BOOKS FOR TRANS. BC-191 & RECEIVER BC-224 BC-191-A, B, C, D, E & AA-191 TM-11-800 BC-191-N - TO 08-10-165 BC-224-A-TO 08-10-24 BC-224-B - TO 08-10-25 BC-224-C - TO 08-10-47 BC-224-D - 16 Stock No. 2C 1, 2, 4, D/1 BC-224-E, G, H - TO 08-10-79 BC-224-F, K - TO 08-10-180 BC-224-L - TO 08-10-164</p>	<p>STATUS:</p>	<p>LIMITED STANDARD 13 Nov 43</p>	<p>NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.</p>	<p>NOMENCLATURE DESIGNATION:</p>	<h1 style="margin: 0;">SCR-187</h1>																																																																																	
<p>CHANGE IN STATUS:</p>	<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:)</p> <p>FREQUENCY RANGE: RECVR. - 1.5 - 18 Mo. TRANS. - 1.5 - 12.5 Mo.; 200-500Kc; 600-1500Kc.</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: TRAILING WIRE</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 12 - 14 VOLT AIRPLANE BATTERY SUPPLY</p> <p>SIMILAR SETS: SCR-287</p> <p>POWER OUTPUT: (WATTS) 30 - 60 WATTS.</p> <p>TUBES: (TYPE AND NUMBER) SCR-AA-137 USES: TRANS. - 4 VT-4-B 1 VT-25 RECVR. - 1 VT-37 1 VT-58 4 VT-49</p>		<p>PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION:)</p> <p>USE: AIR-TO-AIR, AIR-TO-GROUND COMMUNICATION LIAISON SET.</p> <p>RANGE: (MILES) 50 TO SEVERAL HUNDRED MILES.</p> <p>TO COMMUNICATE WITH: SCR-188; SCR-193; SCR-197; SCR-299.</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION: AIRBORNE INSTALLATION.</p> <p>TYPE OF SIGNAL: VOICE, TONE, CW.</p>																																																																																			
 <p>RADIO RECEIVER BC-224</p>		<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)</p> <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>RADIO TRANS. BC-191</td> <td>21 21/32</td> <td>23 1/8</td> <td>9 5/16</td> <td>55</td> <td></td> </tr> <tr> <td>RADIO RECVR. BC-224</td> <td>18 21/32</td> <td>10 1/2</td> <td>9 1/2</td> <td>40</td> <td></td> </tr> <tr> <td>DYNAMOTOR UNIT BD-77</td> <td>11 21/32</td> <td>16 3/4</td> <td>8</td> <td>4.4</td> <td></td> </tr> <tr> <td>RADIO CONTROL BOX BC-309</td> <td>3 9/16</td> <td>3 1/2</td> <td>2 7/32</td> <td>4.2</td> <td></td> </tr> <tr> <td>ANTENNA TUNING UNIT BC-306</td> <td>17 3/4</td> <td>9 1/2</td> <td>9 1/8</td> <td>9.75</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-3</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-5</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-6</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-7</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-8</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-9</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-10</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> </tbody> </table> <p><small>NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.</small></p>				ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RADIO TRANS. BC-191	21 21/32	23 1/8	9 5/16	55		RADIO RECVR. BC-224	18 21/32	10 1/2	9 1/2	40		DYNAMOTOR UNIT BD-77	11 21/32	16 3/4	8	4.4		RADIO CONTROL BOX BC-309	3 9/16	3 1/2	2 7/32	4.2		ANTENNA TUNING UNIT BC-306	17 3/4	9 1/2	9 1/8	9.75		TRANSMITTER TUNING UNIT TU-3	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-5	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-6	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-7	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-8	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-9	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-10	7 5/8	16 3/4	8 3/4	13	
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																																																																																	
	HEIGHT	WIDTH	DEPTH																																																																																			
RADIO TRANS. BC-191	21 21/32	23 1/8	9 5/16	55																																																																																		
RADIO RECVR. BC-224	18 21/32	10 1/2	9 1/2	40																																																																																		
DYNAMOTOR UNIT BD-77	11 21/32	16 3/4	8	4.4																																																																																		
RADIO CONTROL BOX BC-309	3 9/16	3 1/2	2 7/32	4.2																																																																																		
ANTENNA TUNING UNIT BC-306	17 3/4	9 1/2	9 1/8	9.75																																																																																		
TRANSMITTER TUNING UNIT TU-3	7 5/8	16 3/4	8 3/4	13																																																																																		
TRANSMITTER TUNING UNIT TU-5	7 5/8	16 3/4	8 3/4	13																																																																																		
TRANSMITTER TUNING UNIT TU-6	7 5/8	16 3/4	8 3/4	13																																																																																		
TRANSMITTER TUNING UNIT TU-7	7 5/8	16 3/4	8 3/4	13																																																																																		
TRANSMITTER TUNING UNIT TU-8	7 5/8	16 3/4	8 3/4	13																																																																																		
TRANSMITTER TUNING UNIT TU-9	7 5/8	16 3/4	8 3/4	13																																																																																		
TRANSMITTER TUNING UNIT TU-10	7 5/8	16 3/4	8 3/4	13																																																																																		
 <p>ANTENNA TUNING UNIT BC-306. RADIO TRANSMITTER BC-191 (TRANSMITTER TUNING UNIT TU-5 IN PLACE)</p>		<p>RADIO SET SCR-187. COMPONENTS.</p> <p>RECEIVER BC-224 CONTAINS CRYSTAL FILTER.</p>																																																																																				
		<p>COMBINED WEIGHT OF COMPONENTS:</p>		<p>250 LBS. APPROX.</p>																																																																																		
		<p>COMBINED VOLUME:</p>		<p>6 CU. FT. APPROX.</p>																																																																																		
		<p>SHIP TONNAGE:</p>																																																																																				