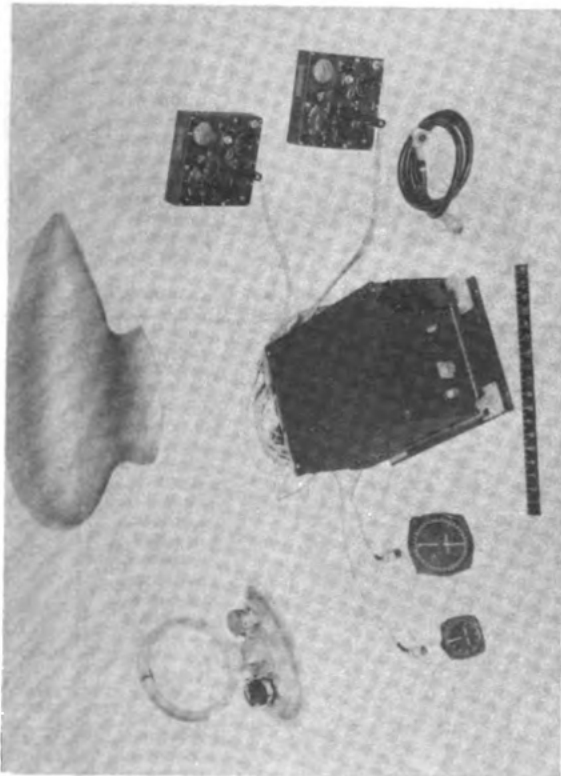


AN/ARN-6

| | | | | | |
|--|-------------------|---|---------------------------|---|------------------|
| INSTRUCTIONAL LITERATURE: | STATUS: | NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION. | NOMENCLATURE DESIGNATION: | | |
| | CHANGE IN STATUS: | | | | |
|  | | PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) | | PART B - TACTICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) | |
| | | FREQUENCY RANGE: (Mc) .100 to 1.750 NUMBER OF CRYSTALS: PRESET FREQUENCIES: ANTENNA: LOOP, FIXED OR ROTATABLE, WITH REMOTE INDICATION OF LOOP POSITION. (DUAL REMOTE CONTROL AND ONE SET OF LOCAL CONTROLS.) TUNING: (MO OR XTAL) SENSITIVITY: 50 MICROVOLTS/METER. SELECTIVITY ---- POWER SOURCE: 2 1/2 VOLTS DC SIMILAR SETS: SCR-269 (AN/ARN-6 IS TO BE SMALLER THAN RADIO SET SCR-269) POWER OUTPUT (WATTS) NONE TUBES: (TYPE AND NUMBER) TUBE DATA NOT AVAILABLE AT PRESENT. | | USE: AUTOMATIC RADIO COMPASS SIMILAR TO SCR-269 PRIMARILY USED FOR NAVIGATION, INSTALLED IN AIRPLANES. RANGE (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-269. (NOTE: RADIO SET AN/ARN-6 IS TO BE LIGHTER IN WEIGHT THAN RADIO SET SCR-269 AND WILL ALSO BE SIMPLER TO OPERATE.) TRANSPORTATION: AIRBORNE INSTALLATION TYPE OF SIGNAL: CW - MCW AND VOICE. | |
| RADIO COMPASS AN/ARN-6 | | PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) | | | |
| | | ITEM | DIMENSIONS | | |
| | HEIGHT | WIDTH | DEPTH | | |
| 1 RADIO COMPASS UNIT | | | | | |
| 2 RADIO CONTROL BOX | | | | | |
| 1 LOOP | | | | | |
| 2 INDICATORS | | | | | |
| (NO FURTHER DATA ON COMPONENTS AVAILABLE AT PRESENT.) | | | | | |
| COMBINED WEIGHT OF COMPONENTS: (ESTIMATED) | | | | 50# | |
| COMBINED VOLUME OF COMPONENTS: | | | | 1500---- | ---CUBIC INCHES. |
| SHIP TONNAGE: | | | | | MAXIMUM |