

AN/ARC-131 Radio Set

Status: STD-A; NSN: 5821-00-937-4686

Reference: TB 43-0123
 TM 11-5820-670-12
 TM 11-5820-670-30

General Information

The AN/ARC-131 is an airborne, VHF-FM receiver-transmitter which provides two-way communications between air-to-ground and air-to-air stations. When used with external equipment, the radio set provides the additional capabilities of retransmission, homing, and secure-voice (X-mode) operation. The radio set operates on either noise or tone squelch.

Technical Characteristics

Frequency Range-----	30.00 to 75.95 MHz
Planning Range-----	LOS
Number of Channels-----	920
Power Input-----	24.0 to 29.0 V DC
Power Source-----	Aircraft power system
Power Output-----	High, 10 W minimum; low, 1 W nominal
Antenna-----	Vertically polarized, omnidirectional whip, 50-ohm output, 150-ohm input
Tuning-----	Crystal, indirect synthesis
Type of Service-----	7K00F3E
Weight-----	13.3 kg (29.2 lb)

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