

AN/TSQ-71A Landing Control Central

Status: STD-B; NSN: 5895-00-004-0973

Reference: TM 11-5895-474-12

General Information

The AN/TSQ-71A provides sheltered space for two GCA radar operators plus CRT displays and controls for radio and telephone communications. The AN/TSQ-71A is used to direct aircraft in tactical environments and provide GCA capability. Radar Set AN/TPN-18 is used for aircraft landings during limited flight conditions. The GCA radar indicator displays both azimuth and elevation for final aircraft approach and a PPI type presentation for surveillance using 9.3, 18.5, 37.0, and 74.1 km (5.8, 11.5, 23.0, and 46.0 mi) ranges with IFF capability from Interrogator Set AN/TPX-44. The AN/TSQ-71A is also used at tactical airfields to provide aircraft separation and in-flight assistance through ground-to-air radio communications with VHF-FM, UHF-AM, and VHF-AM equipment. A crypto unit and audio amplifier may be used with FM number 1 radio set. Facilities are provided for connection of four telephone circuits to establish communications between ground stations.

Major Components

2 Receiver-Transmitters AN/VRC-46	3 Receiver-Transmitters AN/ARC-73A
3 Receiver-Transmitters AN/ARC-51BX	

Technical Characteristics

Power Input-----120/208 V AC, 3-phase, wye-connected, 400
Hz, 10 kw trailer mounted Power Unit
PU-678/G or equivalent, two each for
24-hour operation of landing control
central

Weight-----909.8 kg (2,001.5 lb)

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