

AN/TSC-61B Flight Coordination Central

Status: STD-A; NSN: 5895-01-057-3968

Reference: TB 43-0123
TM 11-5895-469-12

General Information

The AN/TSC-61B is a transportable unit that provides facilities for air traffic coordination, warning air defense identification, and in-flight assistance within an assigned zone of responsibility on a continuous basis. Altitude, time, and distance flight plan data for airborne aircraft can also be coordinated in the FCC. The FCC usually functions as an intermediary or extension of FOCs which are the main traffic control facilities of the en route system. It provides facilities to establish air-to-ground radio communications with VHF-FM, UHF-AM, VHF-AM, and HF-AM equipment. Telephone, radioteletype, and ground-to-ground radio communications facilities are also provided. The equipment is housed in air-conditioned/heated shelters. The AN/TSC-61B contains positions for two flight controllers (operators) and one supervisor.

Major Components

3 Receiver-Transmitters AN/ARC-164(V)	3 Receiver-Transmitters RT-524/VRC
3 Receiver-Transmitters AN/ARC-115A	1 Speech Security Equipment TSEC/KY-8
1 Receiver-Transmitter AN/ARC-102	

NOTE: One RT-524/VRC is adjusted and used in conjunction with TSEC/KY-8 equipment and other components to provide secure (ciphered or X-mode) operation.

Technical Characteristics

Power Input-----120/208 V AC, 50/60 Hz, 3-phase, 4-wire,
trailer mounted, two Power Units
PU-406/M or equivalent for 24-hour
operation of the FCC

Weight (Shelter S-280A/G)-----Empty 545.5 kg (1,200 lb)

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