

## AN/MSC-31 and AN/MSC-31A Communications Operations Centers

Status: STD-B; NSN: 5895-00-021-2089 (AN/MSC-31)  
 STD-A; NSN: 5895-00-999-2629 (AN/MSC-31A)

Reference: TM 11-5895-223-15 (AN/MSC-31)  
 TM 11-5895-463-15 (AN/MSC-31A)

### General Information

The AN/MSC-31 and -31A are air- or vehicular-transportable field communications offices. Each includes a telephone switchboard, intercommunications equipment, and local telephone circuits. Drafting and display board facilities, required by the operations officer to plan, engineer, and control an area type communications systems, are provided. The AN/MSC-31 or -31A also provides for the optional installation of radio equipment. Either the MSC-31 or -31A is normally used with Operations Central AN/MSC-32A at corps and above signal centers.

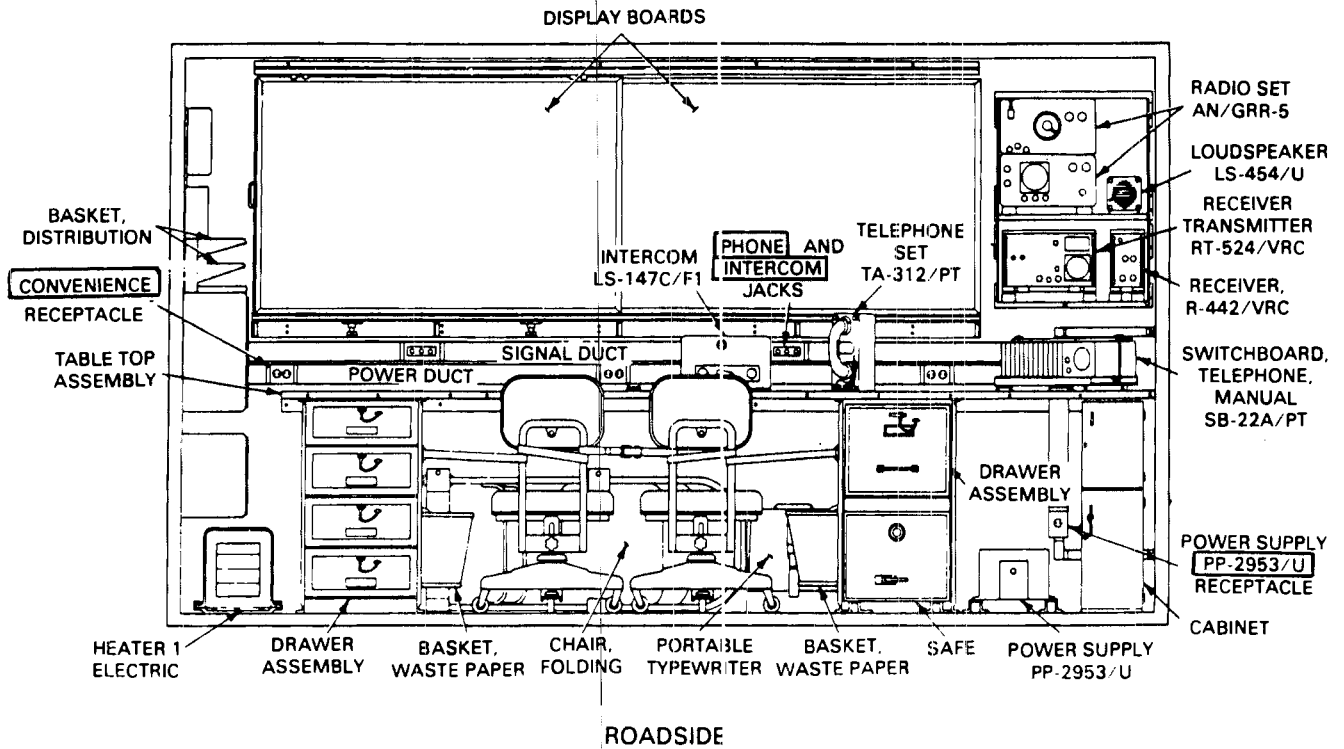
### Major Components

1 Shelter S-183/MSC-31 (modified S-141/G) or Shelter S-371/MSC-31A (modified S-280/G) 1 Switchboard SB-22/PT 4 Telephone Sets TA-312/PT 1 Air Conditioner (AN/MSC-31A)	1 Radio Set AN/VRC-47 (AN/MSC-31A as required) 1 Radio Set AN/GRR-5 (AN/MSC-31A as required) 1 Intercommunications Station LS-147F/FI
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### Technical Characteristics

Power Requirement-----	115 V AC, 50 to 60 Hz
Power Consumption:	
AN/MSC-31-----	3,542 W
AN/MSC-31A-----	4,639 W
Weight:	
AN/MSC-31-----	1,198 kg (2,639 lb)
AN/MSC-31A-----	1,398 kg (3,080 lb)
Vehicular Requirement-----	One 2 1/2-ton truck

## AN/MSC-31 and AN/MSC-31A Communications Operations Centers



BASKET, DISTRIBUTION  
CONVENIENCE RECEPTACLE

TABLE TOP ASSEMBLY

DISPLAY BOARDS

INTERCOM LS-147C/F1

PHONE AND INTERCOM JACKS

TELEPHONE SET TA-312/PT

POWER DUCT

SIGNAL DUCT

RADIO SET AN/GRR-5  
LOUDSPEAKER LS-454/U  
RECEIVER TRANSMITTER RT-524/VRC  
RECEIVER, R-442/VRC

SWITCHBOARD, TELEPHONE, MANUAL SB-22A/PT

DRAWER ASSEMBLY

POWER SUPPLY PP-2953/U RECEPTACLE

HEATER 1 ELECTRIC

DRAWER ASSEMBLY

BASKET, WASTE PAPER

CHAIR, FOLDING

PORTABLE TYPEWRITER

BASKET, WASTE PAPER

SAFE

POWER SUPPLY PP-2953/U

CABINET