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MECHANICAL
INSTRUCTIONS (AUST)

ELECTRICAL AND MECHANICAL
ENGINEERING INSTRUCTIONS (AUST)



~~COMMUNICATIONS INSTALLATIONS~~
M-460

WIRELESS STATION C42/C45
IN
TRUCK, UTILITY, 3/4 TON, GS, FFW
LAND ROVER SERIES 2, 109 IN WB

DATA SUMMARY

1. The installation is designed for use in the VHF band, operated by R Aust Sigs for CRA. It can be used whether the vehicle is moving or stationary. A max crew of four will be carried.
2. The station consists of a WS C42 and WS C45 each with a power supply unit, and controlled by means of items of Type B wireless control harness. The wireless equipment and control harness are mounted on a movable wooden table fitted across the rear compartment of the vehicle. A control unit type 'C' is mounted on the vehicle dashboard. Four 12 V 75 Ahr batteries are placed below the table. These batteries may be charged while the engine is running.
3. Operation of either set is possible from any position in the vehicle, and provision is made for intercommunication between the headsets in the vehicle. Remote operation of either set can be provided by a length of D10 cable and a remote control hand telephone. Remote rebroadcasting is available if required and provision is made for emergency operation of the wireless equipment in the event of failure of the control harness.

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Issue 1, 28 Apr 61

DISTRIBUTION - CLASS ~~10~~ - CODE NO ~~8~~

Page 1

68.2 3

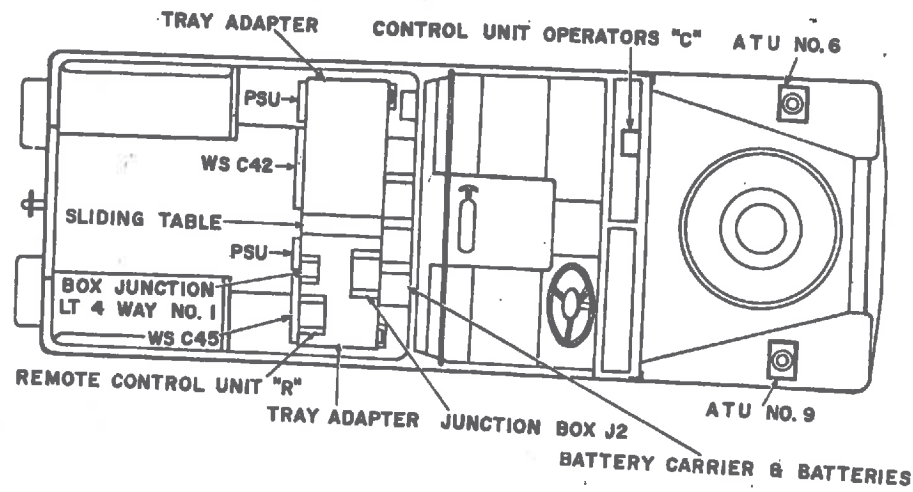


FIG 1 - WIRELESS STATION C42/C45 IN TRUCK, UTILITY, 3/4 TON, GS, FFW, LAND ROVER,
SERIES 2, 109 IN WB

ELECTRICAL
ENGINEERING

4. Physical

Fre

WS C42

WS C45

5. Power

WS

WS

Issue 1, 2

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6. Relevant EMBIs:

WS C42 TELS H 440 to H 449
WS C45 TELS H 510 to H 519
SUV No 12 TELS K 150 to K 159
Control Harness Type B TELS L 780 to L 789
Veh Modification VEH G 027-1

E N D



ELI
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