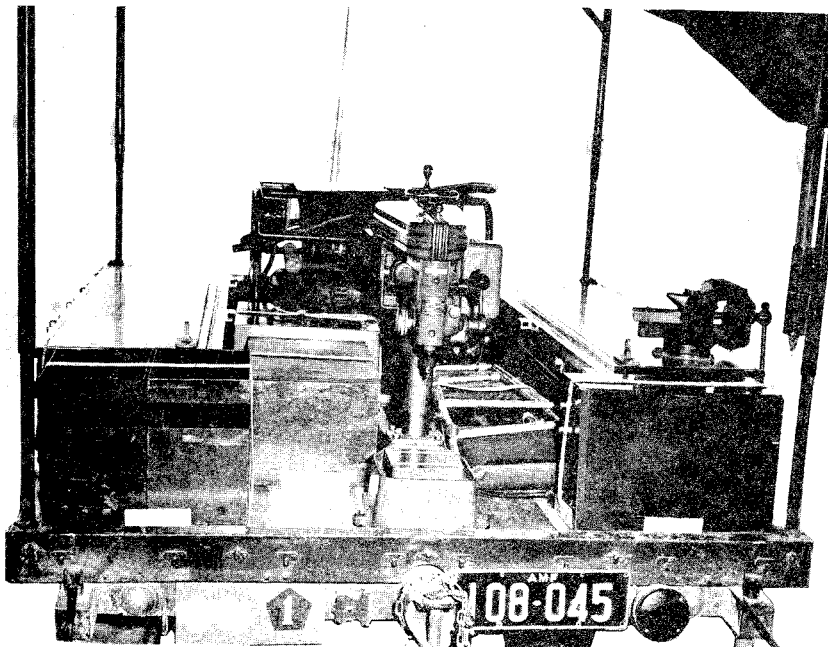


**INSTRUMENT REPAIR SHOP, TRAILER MOUNTED, 1/2 TON
DATA SUMMARY**

Purpose

1. This equipment is used to provide instrument repair facilities in the field. This instruction has been completely revised.



General Data

2. Mass.

- a. Unladen : 430 kg
b. Maximum laden : 755 kg

3. Wheels and Tyres.

- a. Type : 16 inch rim
b. Tyre size : 7.50-16; 6 ply
c. Tread : Cross Country Non-directional
d. Pressures
(1) On highway : 320 kPa
(2) Cross country : 200 kPa
(3) Mud and sand : 150 kPa

4. Dimensions.

- a. Length overall : 3 200 mm
b. Width overall : 1 375 mm
c. Height overall : 2 030 mm
d. Track : 1 320 mm
e. Ground clearance : 355 mm
f. Tray height : 800 mm
g. Rail gauging : All States

5. Shipping volume : 11 m³

6. Electrical System.

- a. Lighting : 12V
b. Connector plug : 12 pin NATO

7. Performance.

- a. Angle of approach : 26 degrees
b. Angle of departure : 34 degrees
8. Normal prime mover : Truck Cargo 3/4 Ton GS
Truck Utility Light GS

TABLE 1 – REPAIR SHOP EQUIPMENT

Designation	Qty
Extension, Adjustable, bow vehicular	1
Frame, Cover, Vehicular Body	1
Post Corner Long	2
Post Corner Short	2
Top Assembly, Extension Kit Vehicular	
Fitting w/o floor	1
Box, Stowage, Vehicular Accessories 455 mm lg by 305 mm w by 240 mm h for oils and greases	1
Cabinet, Small Parts, Storage, steel, 16 drawer 300 mm h by 160 mm w by 165 mm dia	1

TABLE 2 – LIGHT AND POWER EQUIPMENT

Designation	Qty
Light, Extension, flourescent w/cable 240V, 20W	1
Light Desk, adjustable, screwdown type	1
Panel, Power Distribution Rod, Earthing, MS 910 mm lg by 35 mm dia	1
Generator Set, Gasolene Engine 2.5 kVa, 240/120V, single phase, 50 hz	1

TABLE 3 – TECHNICAL EQUIPMENT

Designation	Qty
Drill Set, Twist, HSS, 1 to 60 range	1
Drilling Machine, Upright, 240V, 6 mm	1
Stool, folding, tubular frame 760 mm h	1
Tester, Pressure Gauge, 0-300 psi, dead weight type	1
Vice, Bench and Pipe, Universal 100 mm wide	1

9. Associated Publications.

- a. AC in WM : 22706
- b. CES : 2171
- c. Census Code No : 6017G
- d. RPS : MT/157 (chassis only)

END