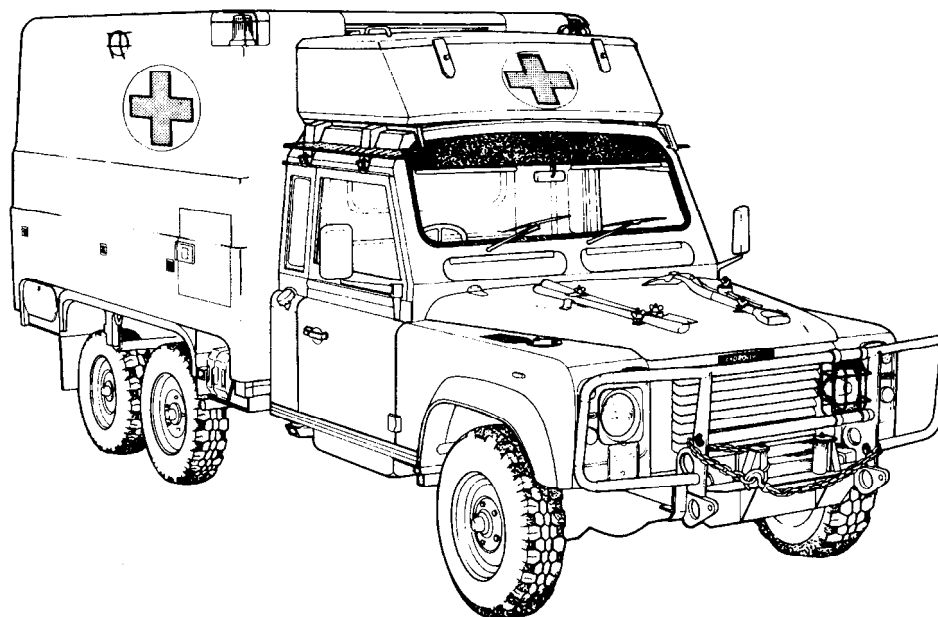


**TRUCK, AMBULANCE, LIGHT, 4 LITTER, FFR, WINCH, MC2  
– LAND ROVER 110 6X6**

**DATA SUMMARY**

This instruction is authorised for use by command of the Chief of Army. It provides direction, mandatory controls and procedures for the operation, maintenance and support of equipment. Personnel are to carry out any action required by this instruction in accordance with EMEI General A 001.



**Figure 1 Truck, Ambulance, Light, 4 Litter, FFR, Winch, MC2 – Land Rover 110 6x6**

**General**

1. This EMEI lists basic data for the Truck, Ambulance, Light, 4 Litter, FFR, Winch, MC2 – Land Rover 110 6x6, as shown in Figure 1. Information applicable to the Land Rover cab/chassis is contained in EMEI Vehicle G 200 Truck, Cargo, Light, and Truck, Cargo, Light, Winch, MC2 – Land Rover 110 6x6 – Data Summary.

**Role**

2. Its role is to transport up to eleven personnel, including the driver (4 litter patients or 8 seated patients and 2 medical assistants).

**Physical Data**

**3. Mass**

**a. Unladen:**

<b>(1)</b>	Front Axle.....	1 700 kg
<b>(2)</b>	Intermediate Axle.....	1 475 kg
<b>(3)</b>	Rear Axle.....	1 475 kg
<b>(4)</b>	Total.....	4 650 kg

**b. Maximum Loading:**

<b>(1)</b>	Front Axle.....	1 800 kg
<b>(2)</b>	Intermediate Axle.....	1 900 kg
<b>(3)</b>	Rear Axle.....	1 900 kg

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(4) Total ..... 5 600 kg

**4. Dimensions**

- a. Length.....6 000 mm
- b. Overall Width:
  - (1) Over Mirrors .....2 550 mm
  - (2) Reduced.....2 160 mm
- c. Overall Height:
  - (1) Laden.....2 560 mm
  - (2) Unladen .....2 590 mm
- d. Shipping Cubage .....33.57 m<sup>3</sup>
- e. Ambulance Module:
  - (1) Length – Internal .....3 100 mm
  - (2) Width – Internal .....2 085 mm
  - (3) Height – Internal .....1 815 mm
  - (4) Width of Rear Door .....1 900 mm
  - (5) Height of Rear Door .....1 310 mm
  - (6) Height of Module Floor from Ground:
    - (a) Laden .....725 mm
    - (b) Unladen.....740 mm

**5. Electrical System**

- a. Type of System..... 12 V
- b. Type of System (FFR)..... 24 V
- c. No. of Batteries (vehicle) ..... one 12 V
- d. No. of Batteries (FFR)..... two 12 V
- e. Capacity (nominal – Vehicle) ..... 98 A.h
- f. Capacity (nominal – FFR) ..... 93 A.h
- g. Maximum Sustained Charging Current (battery charger) ..... 6.5 A
- h. Terminal Grounded ..... negative
- i. Radio Suppression DEF(AUST) 172, MIL-STD-461A ..... RE 05
- j. Distribution Box Location.....behind front passenger seat
- k. FFR Connecting Plug Type ..... Cannon 3-pin

**6. Air Conditioner Compressor**

- a. Manufacturer ..... Sanden
- b. Type..... SD-510-9909 gyrating spiral
- c. Displacement (per revolution)..... 161 cc
- d. Number of Cylinders ..... 5
- e. Maximum Allowable Continuous Revolutions (normal operating conditions).....4 000 rpm

**7. Fuels and Lubricants**

- a. Air Conditioner..... Freon R134A
- b. Air Conditioner Compressor:

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- (1) Type ..... OM-70
- (2) Capacity ..... 135 cc

**8. Performance**

- a. Ramp Breakover Angle:
  - (1) Unladen ..... 148°
  - (2) Laden ..... 152°
  - (3) Limiting Feature ..... chassis rail
- b. Angle of approach:
  - (1) Unladen ..... 45°
  - (2) Laden ..... 41°
  - (3) Limiting Feature ..... tie-down points
- c. Angle of departure:
  - (1) Unladen ..... 33°
  - (2) Laden ..... 30°
  - (3) Limiting Feature ..... tie-down points

**9. Point of Contact**

National Fleet Manager (NFM)  
Lt B Vehicles, CGSVSPO  
DPM 7, Defence Plaza Melbourne  
661 Bourke Street  
MELBOURNE VIC 3000  
Tel: (03) 9282 7391

**10. Associated Information**

- a. SIGC ..... 2320-0015
- b. NSN ..... 2310-66-128-4231
- c. RPS ..... 02208
- d. SCES ..... 12100
- e. UHB ..... 7610-66-132-7422
- f. ILSI ..... ALI MM 10-29
- g. EMEI Vehicle A 291-5 ..... General Service B Vehicle Tyre Guide
- h. EMEI Vehicle G 200 ..... Data Summary (cargo)
- i. EMEI Vehicle G 203 ..... Light Grade Repair (cargo)
- j. EMEI Vehicle G 204-1 ..... Medium Grade Repair (cargo)
- k. EMEI Vehicle G 204-2 ..... Heavy Grade Repair (cargo)
- l. EMEI Vehicle G 209 ..... Servicing Instruction
- m. EMEI Vehicle G 222 ..... Technical Description
- n. EMEI Vehicle G 223 ..... Light Grade Repair
- o. EMEI Vehicle G 224-1 ..... Medium and Heavy Grade Repair

**END**

Distribution List: **VEH G 20.2 – Code 1** (Maint Level)  
(Sponsor: CGSVSPO, Light B Vehicle Section)  
(Authority: ECO CGSVSPO 120/10)

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