

## TRUCK, FIREFIGHTING, Airfield crash rescue, 1 ton, 4 x 4, Rover

AVC No.1810 - 0750

NSN (4210-99-893-2500)

## Servicing Category: A

PURPOSE .....	The airfield crash rescue truck carries a crew of three, two in the cab and one at the rear, and is designed to fulfil three main functions:-
	a. Immediate rescue from crashed aircraft
	b. Capable of acting in an unsupported role on advanced airfield operating with Harrier aircraft
	c. Capable of dealing with aircraft engine fires
ENGINE .....	Rover 2286 cc (139.5 cu inch) four cylinder, liquid cooled, gasoline, developing 60.5 kW (81 bhp) at 4250 rev/min, compression ratio 8 : 1
CAPACITIES	
Fuel .....	45.46 litres (10 gal)
Coolant .....	9.20 litres (17½ pints)
Oil .....	6.25 litres (11 pints)
ELECTRICAL SYSTEM .....	Two separate systems are provided. A 12V single-pole, negative earth for the chassis lights and equipment; and an external mains charging system, for the trickle charging of the battery and the heating of the immersion and pipe heaters
BRAKES	
Foot .....	Hydraulic, operating on all wheels
Hand .....	Mechanical, operating on transfer box output shaft
WHEELS AND TYRES .....	Divided/Well base rim 5.50 E-16, fitted with 9.00-16, 6-ply, standard tread tyres.
CAB .....	Totally enclosed all-metal, with an observation hatch in the double skinned tropical roof. Safety straps fitted behind cab seats. Radio telephone in cab. Floodlight and searchlight mounted on top of cab.
EQUIPMENT .....	A semi-open truck with stowage lockers each side and at the rear. Carries a centre seat at rear for the third member of the crew. Equipped with 454 litres (100 gal) tank of light water for fire "knock down". A 7.25 kg (16 lb) BCF first aid fire appliance. One 11 kg (25 lb) dry powder extinguisher, two hand BCF extinguishers, and two 36.57 m of 31.75 mm bore (120 ft of 1¼ inch) hoses. Portable pneumatic chisel with two cylinders of compressed air, and other rescue tools. An extending ladder 3.30 m - 6.09 m (10 ft 8 inches - 20 ft) is also carried, on top.
TOWING CONNECTION .....	Nil