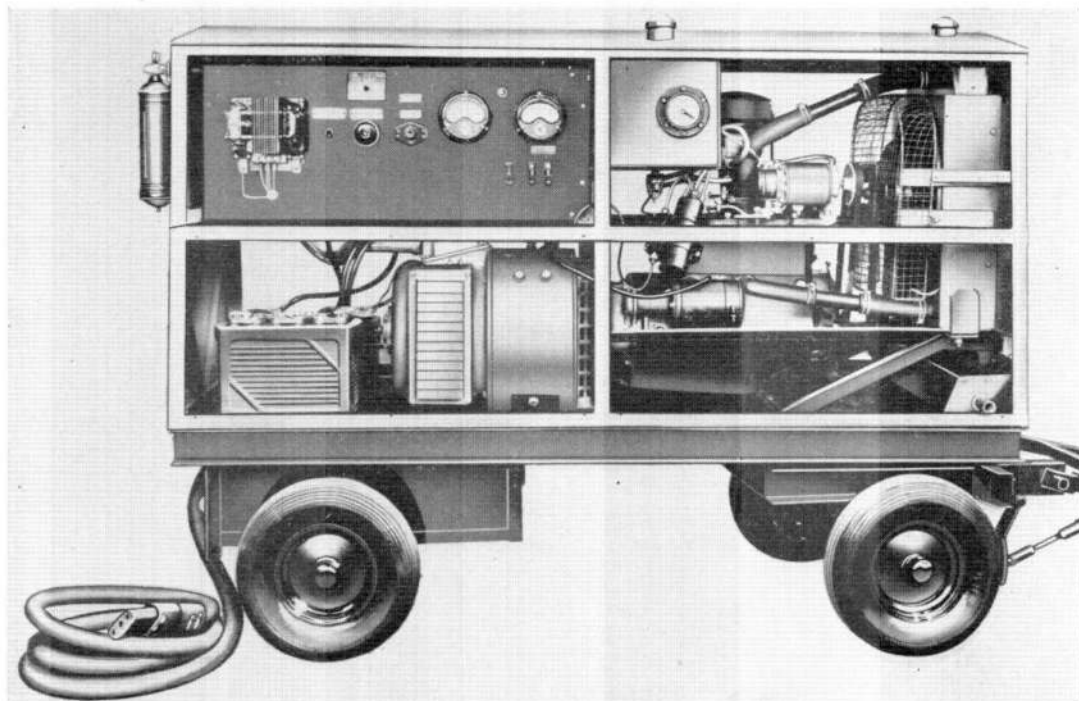


## ELECTRICAL SERVICING TROLLEY, Mk. 4



<i>Air Ministry Ref. No.</i>	...	...	...	4F/1913
<i>Associated publications</i>	<i>A.P.4343S, Vol. 1, Sect. 23, Chap. 8</i>			
	<i>A.P.2306M, Vol. 1 &amp; 6</i>			
<i>Output</i>	...	...	10 kW. (28 volts, 357 amperes)	
<i>Dimensions</i>	10 ft. long,	2 ft. 11 in. wide,	4 ft. 7 in high	
<i>Weight</i>	...	...	...	11 cwt.

### BRIEF DESCRIPTION

The Mk. 4 electrical servicing trolley provides a 28 volt, d.c. supply for the servicing of electrical and radio equipment installed in aircraft. It may be used for the starting of aero-engines fitted with I.P.N. or cartridge starters but is unsuitable for use with starter motors.

The trolley consists of a Ford, 10 H.P. water-cooled engine driving a 10 kW. generator mounted, together with the associated control equipment, on a four-wheeled chassis enclosed in a canopy. The canopy is fitted with doors which provide access to the equipment and allow cooling air to reach the generating set.

The output cable terminates in a N.A.T.O. socket and embodies two pilot cores, one for voltage sensing which compensates for the volts drop in the cable, and the other providing a safety interlock circuit which ensures that power is off until the socket is connected to an aircraft plug and is switched off before the main pins are withdrawn. The trolley is equipped for electrical starting.

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