

ELECTRICAL POWER DISTRIBUTION STAND

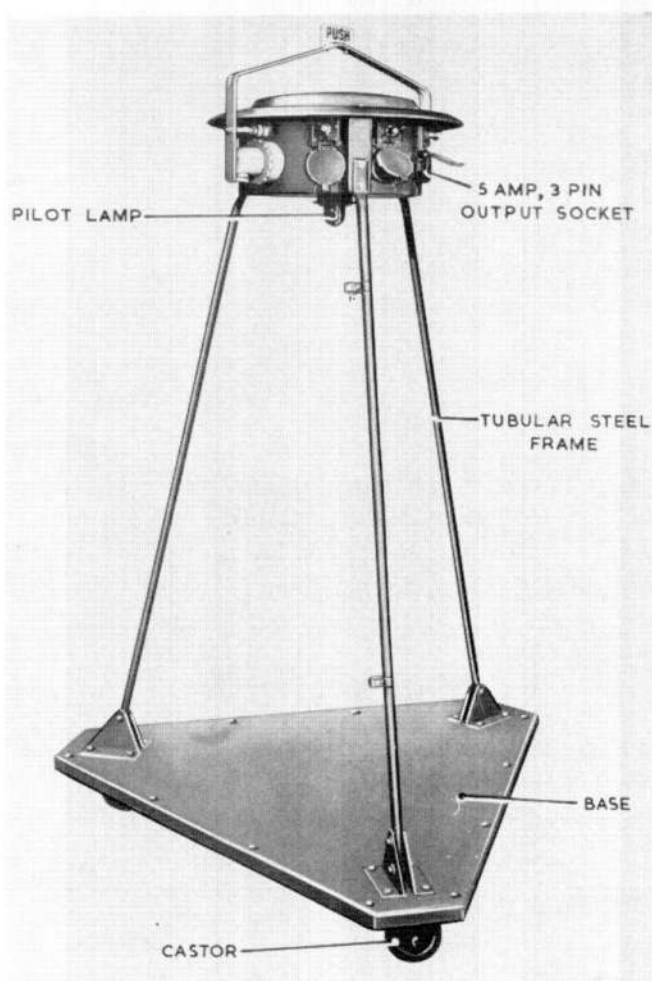
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Dimensions { Height 5 ft. 6 in.
Canopy 1 ft. 8 in. diameter
Triangulated base having 3 ft. 3 in. sides

Weight 84 lb.

Associated Air publication

A.P.4343G, Vol. 1, Sect. 11, Chap. 1



BRIEF DESCRIPTION

The electrical power distribution stand is designed to provide a transportable means of distributing power for the servicing of aircraft in hangars or in the open air under all weather conditions. It is intended to be used in conjunction with flameproof electrical installations.

The stand comprises a weather-proof, cast aluminium distributor head secured to the top of a tripod stand which is mounted on a triangulated base fitted with castors. The distributor head has eight, separately switched and fused, socket outlets which are connected to the 230 V. mains supply through a four-pole plug fitted to the stand. A supply cable, made up from a length of 4-cored, 15 A. Quadrametsheath cable has one end wired to a 4-pole free socket, supplied with the stand, and the other end is connected through a four-pole plug to a flameproof socket outlet, incorporating earth continuity protection, in a hangar or a power distribution cubicle.

The distributor head incorporates an emergency switch operated by a lever which when vertical, locks the canopy in position and connects the pilot and earth cores of

the supply cable so that power is supplied to the switches controlling the eight socket outlets and also to a pilot lamp fitted below the distributor head. Pushing the emergency switch lever unlocks the canopy and opens the switch thus disconnecting the stand from the mains supply.

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