

AERIAL OUTFIT AGG

AGG

SUMMARY OF DATA

PURPOSE

Aerial Outfit AGG provides a free standing HF Broadband transmitting aerial designed to cover a frequency range of 8 to 24 MHz for use when suitable ships structure is not available.

BRIEF DESCRIPTION

The outfit consists of a pedestal which supports a 25 foot high insulated tubular mast fitted with spreaders to accommodate wire rigging in a bi-conical form. The aerial is held erect by six radial stay wires, and prevented from rotating by two pairs of crossed over stay wires, all of which terminate on a pitch circle of approximately 9 ft diameter. The mast may be toppled over about a hinge fitted in the pedestal.

Feeder Connectors. Three alternative entries are provided, any one of which may be fitted with a Gland Assembly AP 71276 to accept Pyrotenax cable AP 180382 terminating or with a cover accepting a Plug 5935-99-580-1685 Flexwell cable. Blank plates are provided for the two unused positions.

Protection. A non-metallic personnel protection barrier (not part of the Outfit) approximately 4 ft high and greater than 9 ft diameter may be sited about the aerial.

MAJOR COMPONENTS

The major components of the outfit are provided in three packages which have the following pattern numbers:-

AP 186518 AP 186519 AP 186520

DIMENSIONS (erected)

Height 26½ ft Diameter 9 ft (approx.) Weight 110 lb

HANDBOOK

BR 2420

ESTABLISHMENT LIST

E 1254

INSTALLATION SPECIFICATION

B 943