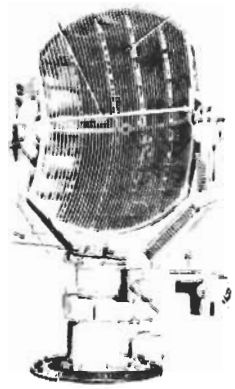
AERIAL OUTFIT ANU(6)

ANU(6)

SUMMARY OF DATA

PURPOSE

For use with Radars Type 277Q or 278, height finding and surface warning.



BEAM WIDTHS

4.5° Horizontal
2.5° Vertical
} To half field strength

BRIEF DESCRIPTION

The aerial consists of a cut paraboloid reflector for combined transmission and reception. It is stabilised electrically in azimuth and elevation. Training control is by hand using a selsyn system or automatic by means of a voltage regulator giving variable speeds (0–9 rev/min) in either direction. Elevation control is by a handwheel driven magslip giving $0–+45^{\circ}$ angle of sight with provision for using an automatically controlled aerial nod movement of $\pm 4^{\circ}$ of five second period.

MAJOR UNITS

AP No.	Description
70005	Reflector Unit Design 15
64620	Pedestal Unit 58J
186054	Aerial Control Cabinet (Framework only)
186239	Cabinet, Voltage Generator
70010	Amplifier Assembly Mk. 68AA
70013	Starter }
71302	Control Unit } D.C. Ships
70217	M.G. Set }
70487	Starter }
71301	Control Unit } A.C. Ships
70011	M.G. Set
186236	Bearing Transmission Unit

PHYSICAL DATA

Overall Height of Aerial	12 ft 9 in
Turning Circle (Radius)	4 ft 9 in
Weight	2900 lb

Aerial Control Cabinet — Width 5 ft 1 in — Depth 2 ft 2 in — Height 2 ft 3 in — Weight 440 lb

POWER REQUIREMENTS

230 V 50/60 Hz three-phase
220 V d.c.
24 V d.c.
115 V 60 Hz single-phase
440 V 60 Hz three-phase (A.C. Ships only)
115 V 440 Hz three-phase
+300 V d.c. stabilised
−300 V d.c. stabilised

HANDBOOK

BR 2423(1)(2) – Aerial Outfit ANU(6)

ESTABLISHMENT LIST

E 1265

INSTALLATION SPECIFICATION

B 895