AERIAL OUTFIT AKC

AKC

SUMMARY OF DATA

PURPOSE

For use with Type 992.

BEAM WIDTH

Horizontal (to half power) 2^{o}

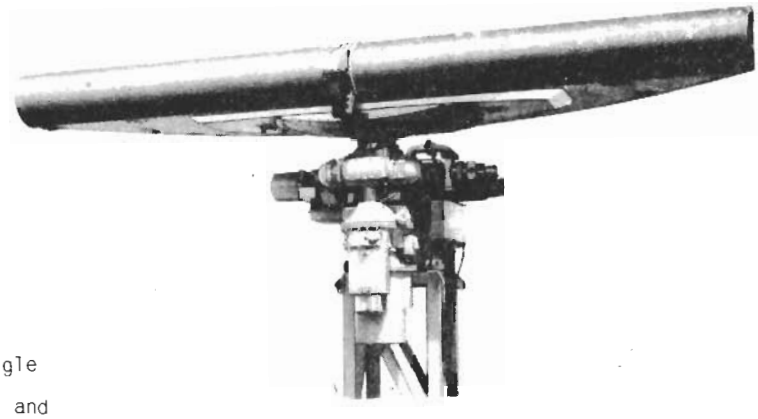
Vertical (to half power) 32^{o}

Beam elevated 15^{o}

BRIEF DESCRIPTION

The aerial consists of a streamlined single cheese reflector for combined transmission and reception. It is stabilised for pitch and roll and in manual control is also stabilised in azimuth.

The aerial control system may be operated manually or automatically. In auto-training the aerial rotation speed may be switched to SLOW or FAST with preset speeds of 0–30 and 90 r.p.m.



AERIAL OUTFIT AKC

MAJOR UNITS

	Patt. No.	Description
		Aerial Pedestal Assembly
1.	68586	Aerial Assembly for Outfit AKC
2.	68072	Pedestal Unit 58A
3.	68071	Reflector Design 9 with flare
4.	68083	Waveguide Assembly Design 3
		Aerial Control Group (Assembly N)
5.	68106	Cabinet Design 44 Fire Detector
6.	68004	Meter Unit Design 11
7.	68105	Fire Detector Control Unit
8.	68172	Cabinet Design 36 Aerial Control
9.	68075	Aerial Indicator Unit
10.	68174	Relay Unit Design 54
11.	68076	Aerial Control Drawer, 41A
12.	68077	Amplifier Amplidyne Control Drawer 46J
13.	68078	Aerial Bearing Transmission Drawer Design 1
14.	68724	Cabinet Design 48 Air Cooling
15.	68101	Cooling Drawer Design 2
16.	68115	Board Distribution 40 way (2 in No.)
		Miscellaneous
17.	68079	AC/DC/DC/DC Motor Generator Amplidyne
18.	68128	Stable Element Drawer
19.	68082	Stable Element

NOTES Items 2, 3 and 4 are housed in Item 1
Items 6 and 7 are housed in Item 5
Items 9 to 13 inc. are housed in Item 8
Item 15 is housed in Item 14
Items 18 and 19 are fitted in Assembly J

PHYSICAL DATA

Weight of mast fitted equipment	1500 lb approx.
Weight of office equipment	1500 lb approx.
Size of Reflector	12 ft by 4 ft approx. overall
Weight of rotating element	160 lb

POWER REQUIREMENTS

440 V 60 Hz 7.6 kVA 60 V 60 Hz 1 Ø 0.25 kVA 120 V 333 Hz 3 Ø 0.312 kVA

BR 333(1)
Original

HANDBOOK

BR 1189

ESTABLISHMENT LIST

E 1027

INSTALLATION SPECIFICATION

B 800(1)(2)(3).