DISPLAY OUTFIT JS

SUMMARY OF DATA

PURPOSE
Display outfit JS is installed in the radar display room of ships fitted with Type 903 and is used as the height-finding display for that set.

POWER REQUIREMENTS AND CONSUMPTION
100 Volts 500 mA 3 phases - 3 maps taken from A.C. Supply Outfit UH.

HEAT DISSIPATION IN OFFICE
8 kw.

MAJOR UNITS

1. Pkt. 56920 Rectifier Unit, Design 67
2. Pkt. 57776 Panel LDH Height Display (Upper)
3. Pkt. 57775 Counter Control Unit
4. Pkt. 57726 Time Base Unit, Design 21
5. Pkt. 57777 Limiter and Synch Distributing Unit
6. Pkt. 57778 Calibrator Unit, Design 7
7. Pkt. 57779 Time Base Unit, Design 22
8. Pkt. 57740 Amplifier Unit, Filter, Design 1
9. Pkt. 57651 Rectifier Unit, Design 70
10. Pkt. 57662 Rectifier Unit, Design 71
11. Pkt. 57661 Rectifier Unit, Design 72
12. Pkt. 57663 C.A. Tube Control Unit for Panel LDH
13. Pkt. 57666 Body for A.P.57665 C.A. Tube Control Unit
14. Pkt. 57667 Neutronic Coll Unit for A.P.57665 C.A. Tube Control Unit
15. Pkt. 57668 Control Board for A.P.57665 C.A. Tube Control Unit
16. Pkt. 57669 Scale Mounted and Illuminated for A.P.57665 C.A. Tube Control Unit
17. Pkt. 57671 Panel LDH Height Display (Medial)
18. Pkt. 57673 Panel LDH Height Display (Lower)
19. Pkt. 57770 Rectifier Unit 204 10 for deflector coil shift current
20. Pkt. 57775 Potentiometer Unit (Cursor) with counter mechanism
21. Pkt. 57660 Control Unit, Sector Elevation Design 2

PHYSICAL DATA
Total Weight of Panel LDH - 200 lb. (approx.)
Overall Dimensions of Panel LDH - 5' 1" long x 1' 10" wide x 2' 1" deep
Panel LDH is fitted in the radar display room.

BRIEF DESCRIPTION
Display outfit JS consists of Panel LDH, which contains a cathode ray tube display, giving effectively a side elevation exceeding in height of the area swept by the Aerial Outfit AOP (Type 903) controlled by Control Unit 204/5 for height-finding.

The target radar echo is presented as a short vertical line on the cathode ray tube, height is obtained by biising the echo with an electronic cursor, which is corrected for the earth's curvature, and controlled by a hand wheel. The height is indicated on a counter drum.

MANUAL
B.A.2162

ESTABLISHMENT LIST
B.933

INSTALLATION SPECIFICATION
B.669