RESTRICTED

AERIAL OUTFIT AZR

SUMMARY OF DATA

PURPOSE
For use with Mizar Type 278 to provide target elevation information for the Slavcom weapon system.

BEAM WIDTH
4.5° (horizontal)
2.5° (vertical)
To half field strength

BRIEF DESCRIPTION
The aerial consists of a cut paraboloid reflector with combined transmission and reception. The reflector can be elevated and tipped in either direction by manual control from the Aerial Control Cabinet or by auto control from the Automatic Data Automation (ADA) system. Elevation against roll and pitch is provided by level and cross level training correction signals supplied to the elevation and training servos respectively.

MAJOR UNITS
66G-AP 18575A Pedestal unit
5690-AP 1984-6C Cables, aerial control, (framework only)
6110-45-572-2001 Amplifier Assembly WH116A
6110-45-572-2002 Amplifier Assembly WH122A

PHYSICAL DATA

Pedestal unit (including reflector unit) Height 12 ft 9 in
Turning circle 4 ft 9 in (radial)
Weight 2000 lb

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reflector Unit</td>
<td>8 ft 6 in</td>
<td>6 ft</td>
<td>170 lb</td>
</tr>
<tr>
<td>Pedestal, Aerial</td>
<td>-</td>
<td>-</td>
<td>2330 lb</td>
</tr>
<tr>
<td>Aerial Control Cabinet</td>
<td>6 ft 2 in</td>
<td>2 ft</td>
<td>400 lb empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 ft 9 in</td>
<td>713 lb with units</td>
</tr>
</tbody>
</table>

Height including shock mounts and (terminal) chamber

Amplifier Assembly WH116A
2 ft 8 in
1 ft 5½ in
3 ft 6½ in
156 lb

Amplifier Assembly WH122A
5 ft 1 in
1 ft 5½ in
5 ft 4½ in
108 lb

POWER REQUIREMENTS
115 V 400 W single-phase
115 V 60 Hz single-phase
220 V 50 Hz three-phase
28 V d.c.

HANDBOOK
EN 2409

ESTABLISHMENT LIST

INSTALLATION SPECIFICATION
9-870

3-29/40