**AERIAL OUTFIT AKC**

**SUMMARY OF DATA**

**PURPOSE**
For use with Type 092.

**BEAM WIDTH**
- Horizontal [to half power] 2°
- Vertical [to half power] 37°
- Beam elevation 15°

**BRIEF DESCRIPTION**
The aerial consists of a streamlined single omni-reflector for combined direction and reception. It is stabilised for pitch and roll and in manual control it is gyro-stabilised in azimuth.

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

**MAJOR UNITS**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60069</td>
<td>Aerial Portrait Assembly</td>
</tr>
<tr>
<td>5. 60069</td>
<td>Aerial Assembly for Outfit AKC</td>
</tr>
<tr>
<td>1. 60071</td>
<td>Reflector Unit IIa</td>
</tr>
<tr>
<td>2. 60071</td>
<td>Reflector Unit II with Radio</td>
</tr>
<tr>
<td>4. 60083</td>
<td>Waveguide Assembly Design 2</td>
</tr>
</tbody>
</table>

**AERIAL CONTROL GROUP (Assembly No.)**
- 6. 60069 Cabinet Design II Fire Detector
- 6. 60071 Cabinet Design II Aerial Control
- 6. 60083 Cabinet Design II Aerial Control
- 6. 60074 Cabinet Design II Fire Detector
- 12. 60075 Cabinet Design II Fire Detector
- 13. 60076 Cabinet Design II Fire Detector
- 16. 60077 Cabinet Design II Fire Detector
- 17. 60078 Cabinet Design II Fire Detector
- 18. 60079 Cabinet Design II Fire Detector
- 19. 60080 Cabinet Design II Fire Detector
- 20. 60081 Cabinet Design II Fire Detector

**Miscellaneous**
- 8. 60020 AC/DC/CC/DC Motor Generator Amplifier
- 9. 60021 Stable Element Power
- 10. 60022 Stable Element

**NOTES**
- Items 2, 3 and 4 are housed in Item 1
- Items 6 and 7 are housed in Item 8
- Items 9 to 20 are housed in Item 8
- Item 15 to 41 are housed in Item 4
- Items 18 and 19 are housed in Item 4

**PHYSICAL DATA**
- Weight of equipment: 150° lb approx.
- Weight of office equipment: 1520° lb approx.
- Weight of overall: 121° lb by 9° ft overall approx.
- Weight of rotating element: 136° lb

**POWER REQUIREMENTS**
- 400 V 60 Hz 7.0 KVA

**SUMMARY OF DATA**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 V 60 Hz 1 x 0.25 kVA</td>
<td>120 V 330 Hz 3 x 0.362 kVA</td>
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</tbody>
</table>
HANDBOOK

ESTABLISHMENT LIST

INSTALLATION SPECIFICATION

800(1)(2)(3).