AERIAL OUTFIT AML

SUMMARY OF DATA

PURPOSE
Aerial Outfit AML is used with an interrogator (eg Radar Type 1010) in an IFF secondary radar system.

BRIEF DESCRIPTION
The aerial is a horn type directional UHF transmitting and receiving aerial.

CHARACTERISTICS
Transmission: 1030 MHz ± 8 MHz
1090 MHz ± 8 MHz
Interrogation Pattern: Horizontal beam width 7° at -3 dB, nominally
Vertical: Beam width 60° at -3 dB

MAJOR UNITS
5840-99-524-2108 Antenna

PHYSICAL DATA

<table>
<thead>
<tr>
<th>Antenna</th>
<th>Height</th>
<th>Depth</th>
<th>Width</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50.1 cm</td>
<td>40.64 cm</td>
<td>304.8 cm</td>
<td>68.03 Kg</td>
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<tr>
<td>(19.75 in. )</td>
<td>(16 in.)</td>
<td>(10 ft.)</td>
<td>(150 lb)</td>
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HANDBOOK
HFK 4213 Handbook for Aerial Outfit AML (AMM/AMN)
HFK 4218 Handbook for Secondary Radar Systems using Types 1010/1011

ESTABLISHMENT LIST
5 1097

INSTALLATION SPECIFICATION
G 1181