PURPOSE
Display Outfit JPV/5 is a P.P.I. display for use with a supporting warning radar and as display for a computer.

BRIEF DESCRIPTION
Display Outfit JPV/5 consists of a P.P.I. associated with an S.W.U. that provides map-type data for the Operator of the Computer. A Sector Selector Unit, part of the Navigable outfit, is mounted in the S.W.U. for use with the JPV/5. It is only different from JPV in having five readouts JPV/5 instead of four.

MAJOR UNITS

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>5840-AP-133253</td>
<td>Cabinet Indicator</td>
</tr>
<tr>
<td>5840-AP-133415</td>
<td>Generator Cover</td>
</tr>
<tr>
<td>5840-AP-133427</td>
<td>Wiper Unit</td>
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<tr>
<td>5840-AP-133421</td>
<td>Indicator Plan Position</td>
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<tr>
<td>5840-AP-177156</td>
<td>Range and Bearing Unit</td>
</tr>
<tr>
<td>5840-AP-177158</td>
<td>(JPV only)</td>
</tr>
<tr>
<td>5840-AP-273254</td>
<td>Cabinet Control Power Supply</td>
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<tr>
<td>5840-AP-273269</td>
<td>Power Supply</td>
</tr>
<tr>
<td>5840-AP-273284</td>
<td>Servo Amplifier &amp; C.C.</td>
</tr>
</tbody>
</table>

PHYSICAL DATA
- Weight: 186 lbs
- Cabinet Indicator: 30 lbs
- Range and Bearing Unit: 54 lbs
- Dimensions Overall: 2 ft 10 in wide, 2 ft 3 in high, 3 ft 2 in deep

POWER REQUIREMENTS
- 960 v. d.c. for 1000 v. e.m.f. 400 v. d.c. for other components.
- 26 V. d.c. for P. & T. and lamps.
- 166 v. a.c. 60 W for magnetos and servo amplifier.

HEAT DISSIPATION
- Display Outfit JPV/5 - 101 W

ELECTRICAL CHARACTERISTICS
- Type of Display: 6 inch diameter P.P.I. True North stabilization at 12 o'clock.
- Range of Scan: 
  - 200 yards at 16° horizontal.
  - 1000 yards at 8° horizontal.
  - 6000 yards at 2° horizontal.
- Range Indication: Positioning of a crosshair spot by means of a range drum.
- Bearing Indication: Positioning of a cursor by means of a bearing handwheel.
- Imports: Sync and signal from Transmitter-Receiver Radar System, 240 V.; 1200 V; 24 V.; ACP; Compass magnos.
- Outputs: Map-type range and relative bearing to target.
HANDBOOK

ESTABLISHMENT LIST

INSTALLATION SPECIFICATION

Radar Type 1000 series - 007