Frequency Shift Converter CV-97/UX limits and demodulates received frequency shift signals and converts them to a-m signals which are used to operate facsimile equipment. The resulting intelligence is used to modulate the a-f carrier which in turn is fed to the signal input of a suitable facsimile recorder.

This equipment is normally used in association with Radio Receiving Equipment RBC.
MAJOR COMPONENTS

<table>
<thead>
<tr>
<th>QUANT</th>
<th>NAME OF COMPONENT</th>
<th>DIMENSIONS (IN) INSTALLED</th>
<th>WEIGHT (LBS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Receiver-converter</td>
<td>8-3/4 x 19 x 17</td>
<td>Not Available</td>
</tr>
<tr>
<td>1</td>
<td>Cabinet</td>
<td>11 x 22 x 18</td>
<td>90</td>
</tr>
</tbody>
</table>

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne or shore.

CAN COMMUNICATE WITH: This is signal-modifying equipment used in conjunction with primary communication apparatus.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: Center frequency, 0.40. Frequency shift in + 400 cps.

TYPE OF SIGNAL: Output is a-m 1-, 2-, or 3-ke signal.

POWER OUTPUT: 0 to +20 dbm, 600 ohms.

POWER REQUIREMENTS: 115 / 230 v, 60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Frequency Shift Converter CV-97/UX weighs 90 pounds net, volume 2 cu ft.