<table>
<thead>
<tr>
<th>LAL</th>
<th>Rev.</th>
<th>Description</th>
<th>Chk.</th>
<th>Date</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>ENGRG RELEASE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>REVISED MATERIAL LIST</td>
<td>5/11/78</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>REVISED MATERIAL LIST</td>
<td>6/27</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>REVISED MATERIAL LIST: ITEM 27 QTY WAS 2, REMOVED R3. ITEM 29 QTY WAS 3, REMOVED R13. ITEM 30 QTY WAS 1, ADDED R13, R3. ITEM 41 WAS 47PF, P/N WAS 117160-470.</td>
<td>11/23/77</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>ADDED SCHEMATIC DWG &amp; BOARD DETAIL, ADDED NOTE 2. M/L: ITEM 12 ADDED Q9, ADDED ITEM 20, REMOVED R13 FROM ITEM 30, ADDED ITEM 32, ITEM 34 WAS 18K P/N 116447-183 QTY 1, ITEM 35 WAS 39K P/N 116447-393, DELETED ITEM 37, ITEM 42 REMOVED C9, ADDED ITEM 50 (C9), ITEM 52 (C5, 8), ITEM 48 WAS 4 RQD</td>
<td>9/25/78</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td></td>
<td>ADDED NOTE 2 M.N.O. M/L DELETED ITEM 41, ADDED C2 TO ITEM 42, ADDED ITEM 54.</td>
<td>11/23/78</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. Issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.

Model No. ALTO II  
Finish EWO 7XF92  
Next Assy. First Use 216445

XEROX

ALTO II  
ASSEMBLY, PRINTED WIRING-KEYBOARD

Xerox Corporation  
El Segundo, California

Notes Unless Specified

1. Tolerances  
   .X ±.030 Angular ±.010
   .XX ±.010

2. Break All Sharp Edges .010 Approx.

3. Mach. Surfaces ✓

4. All Dim. In Inches

Drawn: 4-5-76  
Check: 6-1-76  
Appr.: 1-1-76

Code Ident.  
Size: A  
Dwg. No. 216420  
Change Letter: F

Scale:  
Do Not Scale Drawing: 1 OF 7
NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLE PER ALTO II MODULE ASSEMBLY SPEC, DWG NO. 216207.

2. CUT ETCH AND ADD JUMPERS AS FOLLOWS:

A. ADD JUMPER FROM CR1(+) TO A1-14 (CIRCUIT SIDE).
C. CUT ETCH BETWEEN C9 AND R17, 2PLACES (CIRCUIT SIDE).
D. CUT ETCH BETWEEN R11-1 AND R10 (CIRCUIT SIDE).
E. CUT ETCH TO R17 (COMPONENT SIDE).
F. CUT ETCH TO A1-14 (COMPONENT SIDE).
G. ADD JUMPER FROM A1-7 TO Q9-E (CIRCUIT SIDE).
H. ADD JUMPER FROM C9(+) TO Q9-B (CIRCUIT SIDE).
I. ADD JUMPER FROM R17 (BOTTOM) TO Q9-C (CIRCUIT SIDE).
J. INSTALL 36K (R28) FROM Q9-B TO R18 (CIRCUIT SIDE).
K. INSTALL TRANSISTOR (Q9) IN NEW DRILLED HOLES. (COMPONENT SIDE). SEE DETAIL A.
L. ADD 510 OHM RESISTOR (R29) FROM R15 TO R10 (CIRCUIT SIDE).
M. ADD JUMPER FROM A11-14 TO A11-11, CKT SIDE.
N. ADD JUMPER FROM A11-15 TO A11-12, CKT SIDE.
O. ADD 270 RESISTOR (R30) FROM A11-15 TO +5V, CKT SIDE. SEE DETAIL B.