

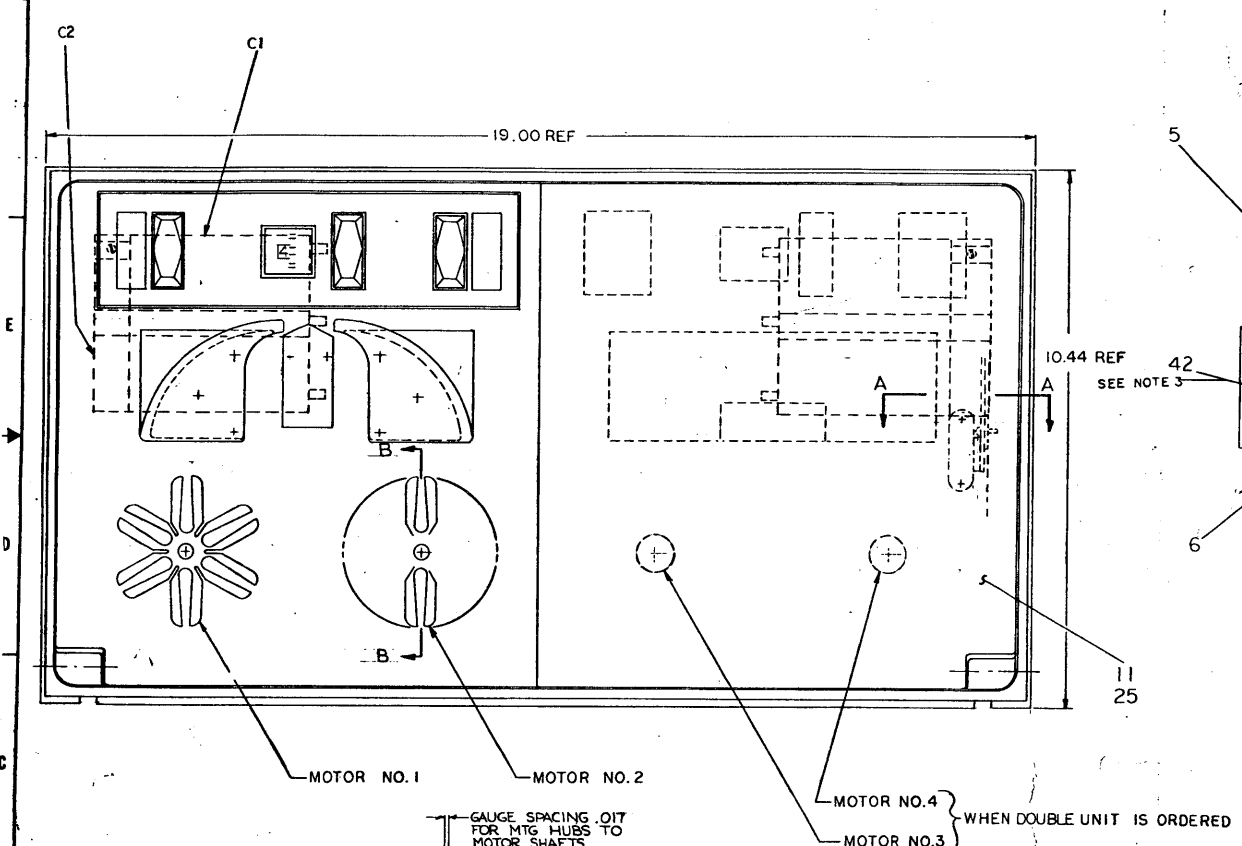
*S/N*  
TU56H 02-05410  
DECtape transport  
engineering drawings



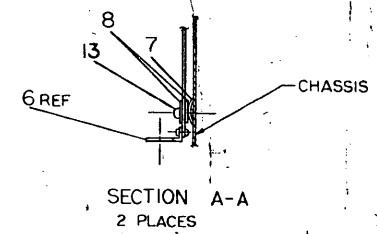
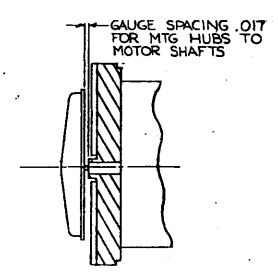
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| NUMBER  | VARIATION           |
|---------|---------------------|
| TU56-H  | AS SHOWN (1/2 UNIT) |
| TU56    | DOUBLE UNIT         |
| TU56-C  | DOUBLE UNIT         |
| TU56-HC | AS SHOWN (1/2 UNIT) |
| TU56-M  | DOUBLE UNIT         |
| TU56-MC | DOUBLE UNIT         |
| TU56-MD | AS SHOWN (1/2 UNIT) |
| TU56-MH | AS SHOWN (1/2 UNIT) |
| TU56-MJ | AS SHOWN (1/2 UNIT) |
| TU56-MR | DOUBLE UNIT         |

NOTES  
 1. FOR DRAWING INDEX LIST REFER TO DRAWING D-DI-TU56-0-1  
 2. ITEMS 36 & 37 ARE TO BE USED FOR MTG OF UNIT ASSY IN H950 CABINET. ITEM 35 TO BE USED FOR MTG IN TUBULAR STYLE CAB.  
 3. GROUND WIRE WILL BE DRESSED WITH WIRES TO MOTOR #4 AND RUN FROM LUG ON LOGIC MTG BAR TO ITEM 42.



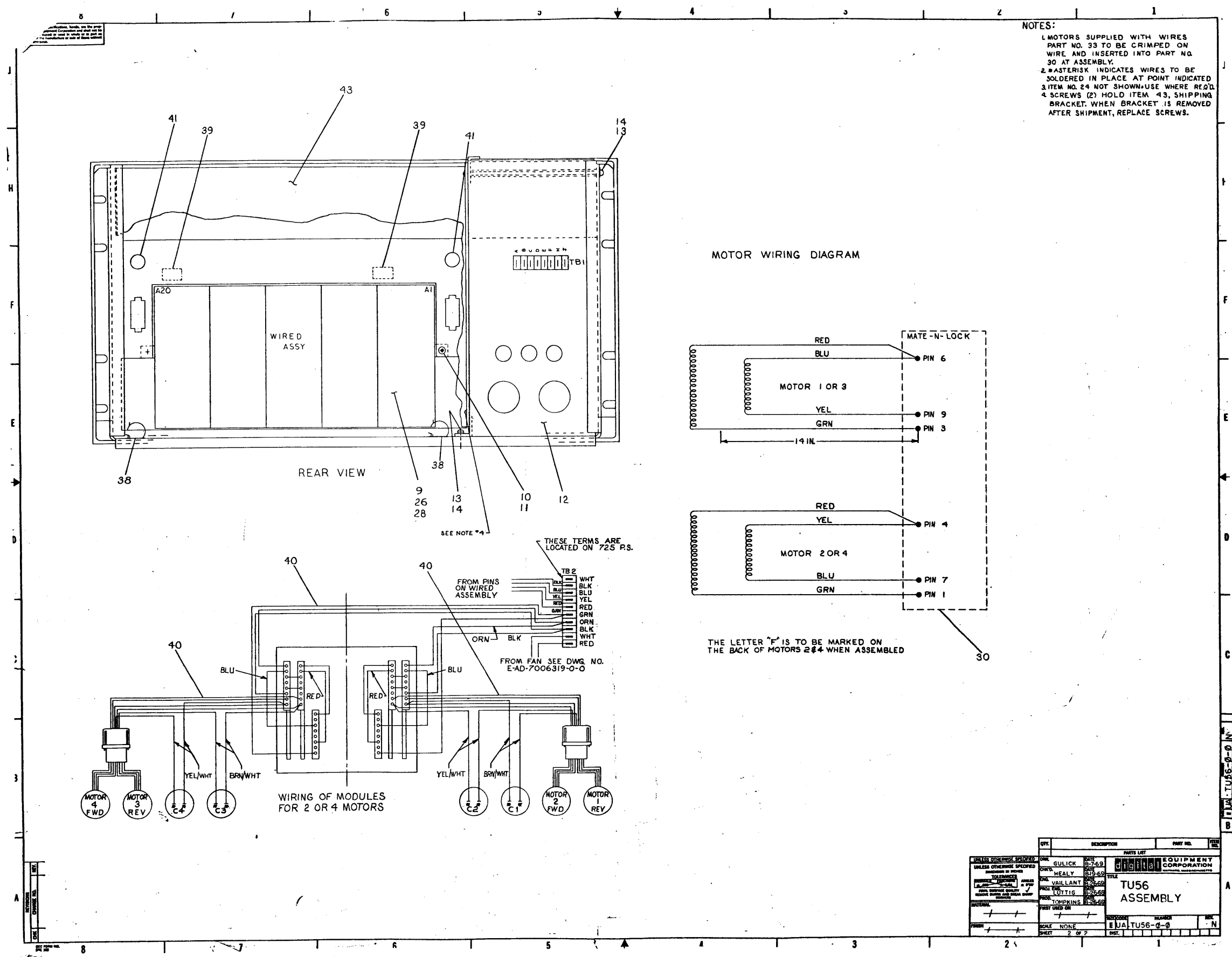
SCREWDRIVER SLOT MUST BE VERTICAL TO INSURE PROPER LOCKING WHEN NO.1 IS IN CLOSED POSITION.



| REV | DESCRIPTION                            | DATE     | BY           | CHKD         |
|-----|--|----------|--------------|--------------|
| 1   | REVISED TO SHOW CHANGES TO MOTOR NO. 1 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 2   | REVISED TO SHOW CHANGES TO MOTOR NO. 2 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 3   | REVISED TO SHOW CHANGES TO MOTOR NO. 3 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 4   | REVISED TO SHOW CHANGES TO MOTOR NO. 4 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 5   | REVISED TO SHOW CHANGES TO MOTOR NO. 1 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 6   | REVISED TO SHOW CHANGES TO MOTOR NO. 2 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 7   | REVISED TO SHOW CHANGES TO MOTOR NO. 3 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 8   | REVISED TO SHOW CHANGES TO MOTOR NO. 4 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 9   | REVISED TO SHOW CHANGES TO MOTOR NO. 1 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 10  | REVISED TO SHOW CHANGES TO MOTOR NO. 2 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 11  | REVISED TO SHOW CHANGES TO MOTOR NO. 3 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 12  | REVISED TO SHOW CHANGES TO MOTOR NO. 4 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 13  | REVISED TO SHOW CHANGES TO MOTOR NO. 1 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 14  | REVISED TO SHOW CHANGES TO MOTOR NO. 2 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 15  | REVISED TO SHOW CHANGES TO MOTOR NO. 3 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 16  | REVISED TO SHOW CHANGES TO MOTOR NO. 4 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 17  | REVISED TO SHOW CHANGES TO MOTOR NO. 1 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 18  | REVISED TO SHOW CHANGES TO MOTOR NO. 2 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 19  | REVISED TO SHOW CHANGES TO MOTOR NO. 3 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 20  | REVISED TO SHOW CHANGES TO MOTOR NO. 4 | 11/27/72 | J. J. WILSON | J. J. WILSON |

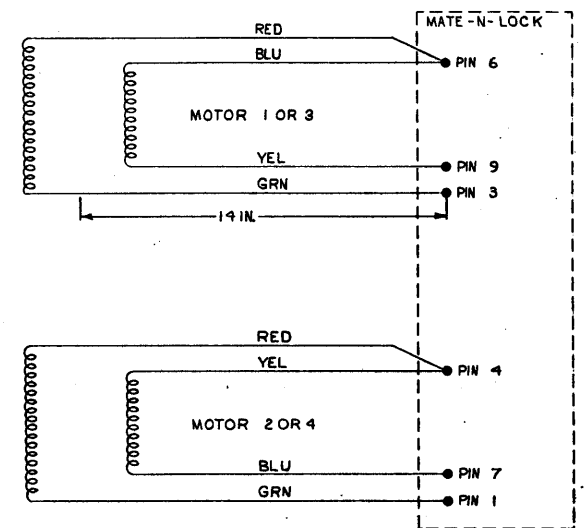
| REV | DESCRIPTION                            | DATE     | BY           | CHKD         |
|-----|--|----------|--------------|--------------|
| 1   | REVISED TO SHOW CHANGES TO MOTOR NO. 1 | 11/27/72 | J. J. WILSON | J. J. WILSON |
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| 17  | REVISED TO SHOW CHANGES TO MOTOR NO. 1 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 18  | REVISED TO SHOW CHANGES TO MOTOR NO. 2 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 19  | REVISED TO SHOW CHANGES TO MOTOR NO. 3 | 11/27/72 | J. J. WILSON | J. J. WILSON |
| 20  | REVISED TO SHOW CHANGES TO MOTOR NO. 4 | 11/27/72 | J. J. WILSON | J. J. WILSON |

TU56-0-0



NOTES:  
 1. MOTORS SUPPLIED WITH WIRES PART NO. 33 TO BE CRIMPED ON WIRE AND INSERTED INTO PART NO. 30 AT ASSEMBLY.  
 2. \*ASTERISK INDICATES WIRES TO BE SOLDERED IN PLACE AT POINT INDICATED.  
 3. ITEM NO. 24 NOT SHOWN-USE WHERE REQ'D.  
 4. SCREWS (2) HOLD ITEM 43, SHIPPING BRACKET. WHEN BRACKET IS REMOVED AFTER SHIPMENT, REPLACE SCREWS.

MOTOR WIRING DIAGRAM



THE LETTER "F" IS TO BE MARKED ON THE BACK OF MOTORS 2 & 4 WHEN ASSEMBLED

REAR VIEW

WIRING OF MODULES FOR 2 OR 4 MOTORS

THESE TERMS ARE LOCATED ON 725 P.S.  
 TB 2  
 WHT  
 BLK  
 BLU  
 YEL  
 GRN  
 ORN  
 BLK  
 WHT  
 RED  
 FROM PINS ON WIRED ASSEMBLY  
 ORN BLK  
 FROM FAN SEE DWG. NO. E-AD-7006319-0-0

| OFF.                  | DESCRIPTION | PART NO. | REV. |
|-----------------------|-------------|----------|------|
| DATE                  | GULICK      | 8-7-69   |      |
| DATE                  | HEALY       | 8-19-69  |      |
| DATE                  | VAILLANT    | 8-25-69  |      |
| DATE                  | LITIG       | 8-25-69  |      |
| DATE                  | TOMPKINS    | 8-25-69  |      |
| PARTS LIST            |             |          |      |
| EQUIPMENT CORPORATION |             |          |      |
| TU56 ASSEMBLY         |             |          |      |
| EUA TU56-0-0          |             |          |      |
| SCALE                 | NONE        |          |      |
| SHEET                 | 2 OF 2      |          |      |

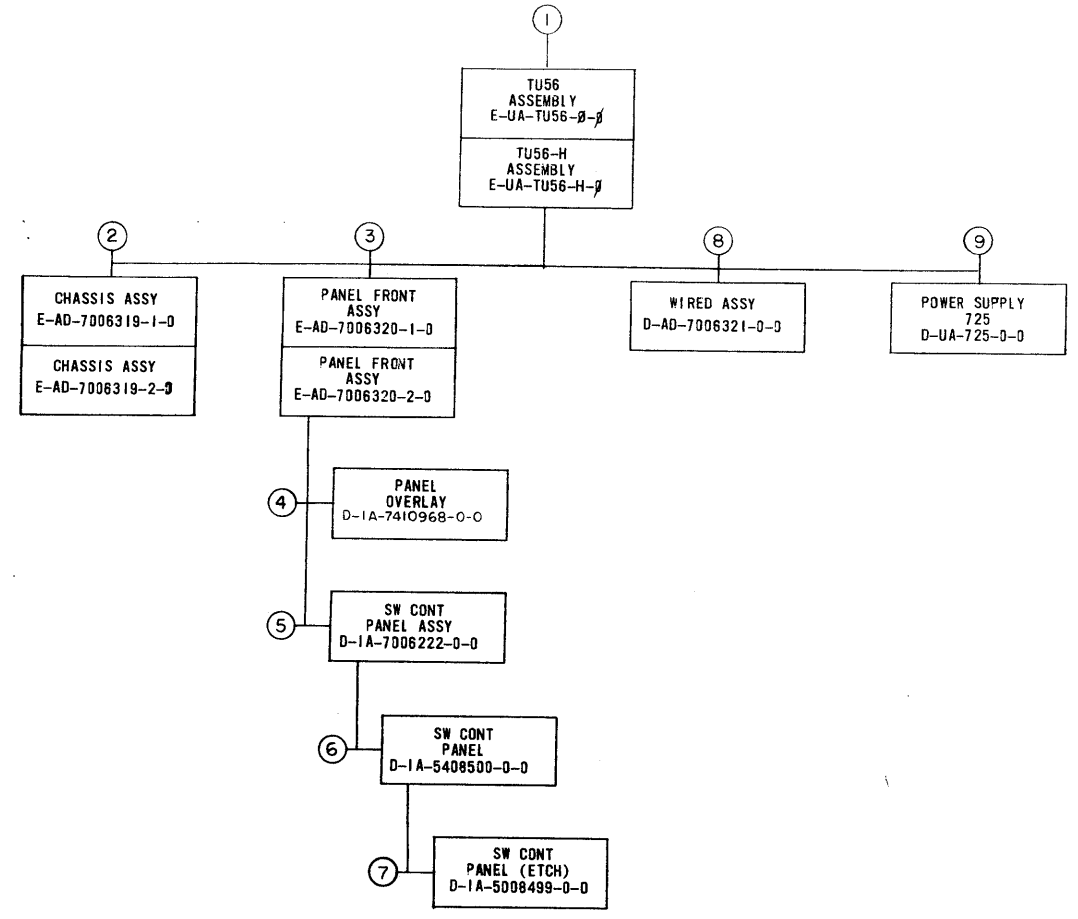
| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS<br><b>PARTS LIST</b> |                       |   |  |              | QUANTITY / VARIATION   |               |                |        |                 |               |               |               |               |                     |               |
|--|-----------------------|---|--|--------------|------------------------|---------------|----------------|--------|-----------------|---------------|---------------|---------------|---------------|---------------------|---------------|
| MADE BY KEN GULICK   |                       | CHECKED D. HEALEY                                 |  | SECTION      |                        | TU56-H        | TU56           | TU56-M | TU56-MR         | TU56-HC       | TU56-C        | TU56-MD       | TU56-MC       | TU56-MH             | TU56-MJ       |
| DATE 8/6/69  |                       | DATE 8/18/69                                      |  | 1            |                        |               |                |        |                 |               |               |               |               |                     |               |
| ENG C. VALLIANT  |                       | PROD C. TOMPKINS                                  |  | ISSUED SECT. |                        |               |                |        |                 |               |               |               |               |                     |               |
| DATE 8/26/69   |                       | DATE 8/26/69                                      |  | 1            |                        |               |                |        |                 |               |               |               |               |                     |               |
| ITEM NO.   | DWG NO. / PART NO.    | DESCRIPTION                                       |  |              |                        |               |                |        |                 |               |               |               |               |                     |               |
| 1  | E-AD-7006320-1-0      | PANEL FRONT ASSEMBLY                              |  |              |                        | 1             | -              | -      | -               | 1             |               | 1             |               | 1                   | 1             |
| 2  | E-AD-7006320-2-0      | PANEL FRONT ASSEMBLY                              |  |              |                        | -             | 1              | 1      | 1               |               | 1             |               | 1             | -                   | -             |
| 3  | E-AD-7006319-1-0      | CHASSIS ASSEMBLY                                  |  |              |                        | 1             | -              | -      | -               | 1             |               | 1             |               | 1                   | 1             |
| 4  | E-AD-7006319-2-0      | CHASSIS ASSEMBLY                                  |  |              |                        | -             | 1              | 1      | 1               |               | 1             |               | 1             | -                   | -             |
| 5  | 9006070-1             | SCR PAN 10-32 X 3/8 LG SST                        |  |              |                        | 4             | 4              | 4      | 4               | 4             | 4             | 4             | 4             | 4                   | 4             |
| 6  | 1209600               | LID SUPPORT #43067 CHANDLER & FARQUHAR            |  |              |                        | 2             | 2              | 2      | 2               | 2             | 2             | 2             | 2             | 2                   | 2             |
| 7  | 9008135               | WASH CURVED #U250-0075 ASSOC SPR                  |  |              |                        | 2             | 2              | 2      | 2               | 2             | 2             | 2             | 2             | 2                   | 2             |
| 8  | 9008146               | WASH FLAT .630.D.X.23I.D.X.048 THK SST            |  |              |                        | 4             | 4              | 4      | 4               | 4             | 4             | 4             | 4             | 4                   | 4             |
| 9  | D-AD-7006321-0-0      | WIRED ASSY TU56                                   |  |              |                        | 1             | 1              | 1      | 1               | 1             | 1             | 1             | 1             | 1                   | 1             |
| 10   | 9006075-1             | SCR PHL HD PAN #10-32 X 3/4 LG SST                |  |              |                        | 2             | 2              | 2      | 2               | 2             | 2             | 2             | 2             | 2                   | 2             |
| 11   | 9006565               | NUT KEPS #10-32                                   |  |              |                        | 6             | 2              | 2      | 2               | 6             | 2             | 6             | 2             | 6                   | 6             |
| 12   | D-UA-725-0-0          | POWER SUPPLY 725 +                                |  |              |                        | 1             | 1              | 1      | 1               | 1             | 1             | 1             | 1             | 1                   | 1             |
| 13   | 9006021-1             | SCR PHL HD PAN 6-32 X 5/16 LG SST                 |  |              |                        | 5             | 5              | 5      | 5               | 5             | 5             | 5             | 5             | 5                   | 5             |
| 14   | 9007651               | WASH EXT TOOTH #6 HOLE                            |  |              |                        | 3             | 3              | 3      | 3               | 3             | 3             | 3             | 3             | 3                   | 3             |
| 15   | 9007917               | CONN SOLDERLESS #50902 ARKLESS                    |  |              |                        | 32            | 64             | 64     | 64              | 32            | 64            | 32            | 64            | 32                  | 32            |
| 16   | 9007193               | CONN SOLDERLESS #3000541B                         |  |              |                        | 3             | 6              | 6      | 6               | 3             | 6             | 3             | 6             | 3                   | 3             |
| 17   | <del>9107360-55</del> | <del>WIRE #18 AWG STRD TEFLON INS (GRN)</del>     |  |              |                        | <del>AR</del> | <del>AR</del>  |        |                 | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del>       | <del>AR</del> |
| 18   | <del>9107360-33</del> | <del>WIRE #18 AWG STRD TEFLON INS (ORN)</del>     |  |              |                        | <del>AR</del> | <del>AR</del>  |        |                 | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del>       | <del>AR</del> |
| 19   | <del>9107360-45</del> | <del>WIRE #18 AWG STRD TEFLON INS (YEL/GRN)</del> |  |              |                        | <del>AR</del> | <del>AR</del>  |        |                 | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del>       | <del>AR</del> |
| 20   | 9107360-00            | WIRE #18 AWG STRD TEFLON INS (BLK)                |  |              |                        | AR            | AR             | A/R    | A/R             | AR            | AR            | AR            | AR            | A/R                 | A/R           |
| 21   | 9107360-66            | WIRE #18 AWG STRD TEFLON INS (BLU)                |  |              |                        | AR            | AR             |        |                 |               |               |               |               |                     |               |
| 22   | <del>9107360-22</del> | <del>WIRE #18 AWG STRD TEFLON INS (RED)</del>     |  |              |                        | <del>AR</del> | <del>AR</del>  |        |                 |               |               |               |               |                     |               |
| TITLE TU56 ASSEMBLY  |                       |   |  |              | ASSY NO. E-UA-TU56-0-0 |               | SIZE CODE A PL |        | NUMBER TU56-0-0 |               |               | REV. N        |               | ECO NO. TU56-0007.8 |               |
|  |                       |   |  |              | SHEET 1 OF 3           |               | DIST.          |        |                 |               |               |               |               |                     |               |

| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS<br><b>PARTS LIST</b> |                             |   |  |              | QUANTITY / VARIATION   |               |                |              |                 |               |               |               |               |               |               |
|--|-----------------------------|---|--|--------------|------------------------|---------------|----------------|--------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| MADE BY KEN GULICK   |                             | CHECKED D. HEALEY                           |  | SECTION      |                        | TU56-H        | TU56           | TU56-M       | TU56-MR         | TU56-HC       | TU56-C        | TU56-MD       | TU56-MC       | TU56-MH       | TU56-MJ       |
| DATE 8/6/71  |                             | DATE 8/19/71                                |  | 1            |                        |               |                |              |                 |               |               |               |               |               |               |
| ENG C. VALLIANT  |                             | PROD E.R. TOMPKINS                          |  | ISSUED SECT. |                        |               |                |              |                 |               |               |               |               |               |               |
| DATE 8/26/69   |                             | DATE 8/26/69                                |  | 1            |                        |               |                |              |                 |               |               |               |               |               |               |
| ITEM NO.   | DWG NO. / PART NO.          | DESCRIPTION                                 |  |              |                        |               |                |              |                 |               |               |               |               |               |               |
| <del>23</del>  | <del>9007430-56</del>       | <del>WIRE #18 AWG TWP TEF INS BLU/GRN</del> |  |              |                        | <del>AR</del> | <del>AR</del>  |              |                 |               |               |               |               |               |               |
| <del>24</del>  | <del>9007031</del>          | <del>TIE WRAP #SST-18 PANDUIT</del>         |  |              |                        | <del>AR</del> | <del>AR</del>  |              |                 | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del> | <del>AR</del> |
| 25   | D-IA-7407534-0-0            | COVER PLATE - HALF                          |  |              |                        | 1             | -              | -            | -               | 1             |               | 1             |               | 1             | 1             |
| 26   | C-IA-7405152-1-0            | INFO CABLE                                  |  |              |                        | 1             | 1              | 1            | 1               |               |               |               |               | 1             | 1             |
| <del>27</del>  | <del>D-IA-7006223-0-0</del> | <del>INTERCONNECTION CABLE</del>            |  |              |                        | <del>1</del>  | <del>1</del>   | <del>1</del> | <del>1</del>    | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  |
| 28   | D-UA-BC02X-3-0              | CABLE RIBBON M908-M908                      |  |              |                        | 1             | 1              | 1            | 1               |               |               |               |               | 1             | 1             |
| <del>29</del>  | <del>7006697</del>          | <del>TU56 MOTOR CONNECTOR CABLE</del>       |  |              |                        | <del>1</del>  | <del>1</del>   | <del>1</del> | <del>1</del>    | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  |
| 30   | 1209351-09                  | MATE-N-LOCK SOCKET HOUSING (9 PIN)          |  |              |                        | 1             | 2              | 2            | 2               | 1             | 2             | 1             | 2             | 1             | 1             |
| <del>31</del>  | <del>7006695</del>          | <del>TU56 CARD CONNECTOR CABLE (R)</del>    |  |              |                        | <del>0</del>  | <del>1</del>   | <del>1</del> | <del>1</del>    | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  |
| *  | D-IA-7006412-0-0            | OPTION CABLE TU56                           |  |              |                        | 1             | 1              | 1            | 1               |               |               |               |               | 1             | 1             |
| <del>32</del>  | <del>7006696</del>          | <del>TU56 CARD CONNECTOR CABLE (L)</del>    |  |              |                        | <del>1</del>  | <del>1</del>   | <del>1</del> | <del>1</del>    | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  | <del>1</del>  |
| 33   | 1209378                     | PIN, CONNECTOR                              |  |              |                        | 8             | 16             | 16           | 16              | 8             | 16            | 8             | 16            | 8             | 8             |
| 34   | ** C-IA-7408007-0-0         | BRACKET, RT, ANGLE SUPPORT                  |  |              |                        | 2             | 2              | 2            | 2               |               | 2             | 2             | 2             | 2             | 2             |
| 35   | ** E-IA-7408009-0-0         | SPACER, MTG BRACKET                         |  |              |                        | 1             | 1              | 1            | 1               |               | 1             | 1             | 1             | 1             | 1             |
| 36   | ** C-MD-7408322-0-0         | SPACER BLOCK                                |  |              |                        | 2             | 2              | 2            | 2               | 2             | 2             | 2             | 2             | 2             | 2             |
| 37   | ** C-MD-7408321-0-0         | MOUNTING BRACKET                            |  |              |                        | 1             | 1              | 1            | 1               | 1             | 1             | 1             | 1             | 1             | 1             |
| 38   | 9008340-0                   | DEKLASE PVC HARNESS CLASP (DK 1/2-375F)     |  |              |                        | 2             | 2              | 2            | 2               | 2             | 2             | 2             | 2             | 2             | 2             |
| 39   | 9008341-0                   | DEKLASE PVC HARNESS CLASP (DK -188F)        |  |              |                        | 2             | 2              | 2            | 2               | 2             | 2             | 2             | 2             | 2             | 2             |
| 40   | 7006981-0-0                 | TU56 WIRING HARNESS                         |  |              |                        | 1             | 1              | 1            | 1               | 1             | 1             | 1             | 1             | 1             | 1             |
| 41   | 9007016                     | GROMMET                                     |  |              |                        | 2             | 2              | 2            | 2               | 2             | 2             | 2             | 2             | 2             | 2             |
| 42   | 9008150                     | LUG #10 COPPER, TIN PLATED                  |  |              |                        | 1             | 1              | 1            | 1               | 1             | 1             | 1             | 1             | 1             | 1             |
| REF  | E-AD-7008487-2              | TABLE TOP COVER ASSY. (TDCOV KIT)           |  |              |                        |               |                |              |                 |               |               |               |               |               |               |
| TITLE TU56 ASSEMBLY  |                             |   |  |              | ASSY NO. E-UA-TU56-0-0 |               | SIZE CODE A PL |              | NUMBER TU56-0-0 |               |               | REV. N        |               | ECO NO.       |               |
|  |                             |   |  |              | SHEET 2 OF 3           |               | DIST.          |              |                 |               |               |               |               |               |               |

| <b>DIGITAL EQUIPMENT CORPORATION</b><br>MAYNARD, MASSACHUSETTS |                    |  |               | <b>QUANTITY / VARIATION</b> |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|--|--------------------|--|---------------|-----------------------------|--------|---------|-----------|--------|---------|----------|---------|---------|------|--|---------|--|--|--|--|--|
| <b>PARTS LIST</b>  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
| MADE BY KEN GULICK   |                    | CHECKED D. HEALEY  |               | SECTION                     |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
| DATE 8/6/69  |                    | DATE 8/19/69   |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
| ENG C. VALLIANT  |                    | PROD E. R. TOMPKINS  |               | ISSUED SECT.                |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
| DATE 8/26/69   |                    | DATE 8/26/69   |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
| ITEM NO.   | DWG NO. / PART NO. | DESCRIPTION  | TU56-H        | TU56                        | TU56-M | TU56-MR | TU56-HC   | TU56-C | TU56-MD | TU56-MC  | TU56-MH | TU56-MJ |      |  |         |  |  |  |  |  |
| 43   | C-1A-7408211-0-0   | SHIPPING BRACKET   | 1             | 1                           | 1      | 1       | 1         | 1      | 1       | 1        | 1       | 1       |      |  |         |  |  |  |  |  |
| 44   | 1209331            | DECTAPE TAKE-UP REEL   | 1             | 2                           | 2      | 2       | 1         | 2      | 1       | 2        | 1       | 1       |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    |  |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  | +                  | USE 725-0 POWER SUPPLY FOR 115 VAC OPERATION.                              |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  | +                  | USE 725-A POWER SUPPLY FOR 230 VAC OPERATION.                              |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  | *                  | IF CABLE ITEM #26 IS NOT USED REPLACE WITH CABLE THAT IS <b>ASTERISKED</b> |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  |                    | SEE D-MU-TU56-Ø-MU   |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  | **                 | USE THIS PART WHEN MTG UNIT IN CAB H950                                    |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
|  | ***                | USE THIS PART WHEN MTG UNIT IN TUBULAR STYLE CABINETS                      |               |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |
| TITLE  |                    |  | ASSY NO.      |                             |        |         | SIZE CODE |        |         | NUMBER   |         |         | REV. |  | ECO NO. |  |  |  |  |  |
| TU56 ASSEMBLY  |                    |  | E-UA-TU56-Ø-Ø |                             |        |         | A PL      |        |         | TU56-Ø-Ø |         |         | N    |  |         |  |  |  |  |  |
| SHEET 3 OF 3   |                    |  | DIST.         |                             |        |         |           |        |         |          |         |         |      |  |         |  |  |  |  |  |

DEC FORM NO.16-1031  
DRA 110

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| MECHANICAL |                                       |                  |            | ELECTRICAL |                                |                  |            |
|------------|---------------------------------------|------------------|------------|------------|--------------------------------|------------------|------------|
| FIND NO.   | DESCRIPTION                           | PART NO.         | DEPT USAGE | FIND NO.   | DESCRIPTION                    | PART NO.         | DEPT USAGE |
| 1.         | TU56 ASSEMBLY                         | D-UA-TU56-Ø-Ø    |            | 1.         | TU56                           | A-ML-TU56-Ø      |            |
|            | TU56 ASSEMBLY                         | A-PL-TU56-Ø-Ø    |            |            | MODULE UTILIZATION (TU56)      | D-MU-TU56-Ø-MU   |            |
|            | CABLE RIBBON M9Ø8-M9Ø8                | D-UA-BCØ2X-3-Ø   |            |            | MODULE UTILIZATION (TU56) (PL) | A-PL-TU56-Ø-MU   |            |
|            | HALF COVER PLATE (TU56-H)             | D-1A-7407534-0-0 |            |            | TRANSPORT LOGIC DIAGRAM        | D-BS-TU56-Ø-TLD  |            |
|            | INFO CONN                             | C-1A-7405152-1-0 |            |            | TU56 DEC TAPE                  | K-PL-TU56-Ø-2    |            |
|            | INTERCONNECTION CABLE TU56            | C-1A-7006223-0-0 |            |            | ACCESSORY LIST                 | A-AL-TU56-Ø-5    |            |
|            | OPTIONAL CABLE TU56                   | D-1A-7006412-0-0 |            |            | ACCEPTANCE PROCEDURE           | A-SP-TU56-Ø-6    |            |
|            | MOUNTING BRACKET                      | C-MD-7408321-0-0 |            | 2.         | CHASSIS ASSY                   | E-AD-7006319-1-0 |            |
|            | SPACER BLOCK                          | C-MD-7408322-0-0 |            |            | CHASSIS ASSY                   | E-AD-7006319-2-0 |            |
|            | WIRING HARNESS                        | E-1A-7006981-0-0 |            | 3.         | FRONT PANEL ASSY               | E-AD-7006320-1-0 |            |
|            | PACKAGING INSTRUCTION TU56 CUSTOMER   | A-P1-3700022-0-0 |            |            | FRONT PANEL ASSY               | E-AD-7006320-2-0 |            |
|            | PACKAGING INSTRUCTION TU56 INTERPLANT | A-P1-3700063-0-0 |            | 6.         | CIRCUIT SCHEMATIC              | C-CS-5408500-0-1 |            |
|            | SHIPPING BRACKET                      | C-1A-7408211-0-0 |            | 8.         | WIRED ASSY TU56                | D-AD-7006321-0-0 |            |
|            | ULL REQUIREMENTS                      | A-SP-7665118-0-0 |            |            | WIRED ASSY TU56                | A-PL-7006321-0-0 |            |
| 2.         | CHASSIS ASSY (TU56)                   | E-AD-7006319-1-0 |            | 9.         | CIRCUIT SCHEMATIC 725          | C-CS-725-0-0     |            |
|            | CHASSIS ASSY (TU56-H)                 | E-AD-7006319-2-0 |            |            |                                |                  |            |
|            | SCREEN FAN                            | C-MD-7404881-0-0 |            |            |                                |                  |            |
|            | CHASSIS ASSY (PL)(TU56)               | A-PL-7006319-1-0 |            |            |                                |                  |            |
|            | CHASSIS ASSY (PL)(TU56-H)             | A-PL-7006319-2-0 |            |            |                                |                  |            |
|            | CHASSIS                               | E-1A-7407391-0-0 |            |            |                                |                  |            |
|            | LOCK, PANEL                           | C-MD-7407399-0-0 |            |            |                                |                  |            |
| 3.         | PANEL FRONT ASSY (TU56)               | E-AD-7006320-1-0 |            |            |                                |                  |            |
|            | PANEL FRONT ASSY (TU56-H)             | E-AD-7006320-2-0 |            |            |                                |                  |            |
|            | PANEL FRONT ASSY (PL)(TU56)           | A-PL-7006320-1-0 |            |            |                                |                  |            |
|            | PANEL FRONT ASSY (PL)(TU56-H)         | A-PL-7006320-2-0 |            |            |                                |                  |            |
|            | PANEL, MTG                            | E-MD-7407395-0-0 |            |            |                                |                  |            |
|            | TAPE GUIDE (R.H.)                     | C-MD-7407283-1-0 |            |            |                                |                  |            |
|            | TAPE GUIDE (L.H.)                     | C-MD-7407283-2-0 |            |            |                                |                  |            |
|            | COVER PLATE (R.H.)                    | C-MD-7407282-1-0 |            |            |                                |                  |            |
|            | COVER PLATE (L.H.)                    | C-MD-7407282-2-0 |            |            |                                |                  |            |
|            | WEAR PLATE (R.H.)                     | B-MD-7405114-1-0 |            |            |                                |                  |            |
|            | WEAR PLATE (L.H.)                     | B-MD-7405114-2-0 |            |            |                                |                  |            |
|            | REAR CHECK TAPE GUIDE (L.H.)          | C-MD-7405136-1-0 |            |            |                                |                  |            |
|            | REAR CHECK TAPE GUIDE (R.H.)          | C-MD-7405136-2-0 |            |            |                                |                  |            |
|            | PIN, LOCK                             | B-MD-7407400-0-0 |            |            |                                |                  |            |
|            | HUB ASSY 6FT CONTACT                  | C-1A-7407390-0-0 |            |            |                                |                  |            |
|            | HUB GAUGE                             | C-1A-7408010-0-0 |            |            |                                |                  |            |
|            | GUARD PLATE                           | C-MA-7408287-0-0 |            |            |                                |                  |            |
| 4.         | PANEL OVERLAY                         | D-1A-7410968-0-0 |            |            |                                |                  |            |
|            | SILK SCREEN (WHITE)                   | C-55-7410968-0-1 |            |            |                                |                  |            |
|            | SILK SCREEN (BLACK)                   | C-55-7410968-0-2 |            |            |                                |                  |            |
| 5.         | SWITCH CONTROL PANEL ASSY             | D-1A-7006222-0-0 |            |            |                                |                  |            |
| 6.         | SWITCH CONTROL PANEL                  | D-1A-5408500-0-0 |            |            |                                |                  |            |
| 7.         | SWITCH CONTROL PANEL (ETCH)           | D-1A-5008499-0-0 |            |            |                                |                  |            |
| 8.         | WIRED ASSY                            | D-AD-7006321-0-0 |            |            |                                |                  |            |
|            | WIRED ASSY TU56 (PL)                  | A-PL-7006321-0-0 |            |            |                                |                  |            |
|            | MTG BAR (5 BLOCKS) TU56               | C-1A-7407393-0-0 |            |            |                                |                  |            |
| 9.         | POWER SUPPLY 725                      | D-UA-725-0-0     |            |            |                                |                  |            |
|            | POWER SUPPLY 725 (PL)                 | A-PL-725-0-0     |            |            |                                |                  |            |

| CHK | CHANGE NO. | REV | DATE | BY |
|-----|------------|-----|------|----|
| 1   | TU56-00015 | A   |      |    |
| 2   | TU56-00022 | B   |      |    |
| 3   | TU56-00032 | C   |      |    |
| 4   | TU56-00037 | E   |      |    |
| 5   | TU56-00050 | F   |      |    |
| 6   | TU56-00076 | N   |      |    |
| 7   | TU56-00077 | P   |      |    |
| 8   | TU56-00078 | P   |      |    |
| 9   | TU56-00079 | P   |      |    |
| 10  | TU56-00080 | P   |      |    |
| 11  | TU56-00081 | P   |      |    |
| 12  | TU56-00082 | P   |      |    |
| 13  | TU56-00083 | P   |      |    |
| 14  | TU56-00084 | P   |      |    |
| 15  | TU56-00085 | P   |      |    |
| 16  | TU56-00086 | P   |      |    |
| 17  | TU56-00087 | P   |      |    |
| 18  | TU56-00088 | P   |      |    |
| 19  | TU56-00089 | P   |      |    |
| 20  | TU56-00090 | P   |      |    |
| 21  | TU56-00091 | P   |      |    |
| 22  | TU56-00092 | P   |      |    |
| 23  | TU56-00093 | P   |      |    |
| 24  | TU56-00094 | P   |      |    |
| 25  | TU56-00095 | P   |      |    |
| 26  | TU56-00096 | P   |      |    |
| 27  | TU56-00097 | P   |      |    |
| 28  | TU56-00098 | P   |      |    |
| 29  | TU56-00099 | P   |      |    |
| 30  | TU56-00100 | P   |      |    |

| QTY. | DESCRIPTION                          | PART NO.  | ITEM NO. |
|------|--------------------------------------|-----------|----------|
|      | TU56                                 |           |          |
|      | PARTS LIST                           |           |          |
|      | UNLESS OTHERWISE SPECIFIED           |           |          |
|      | DIMENSION IN INCHES                  |           |          |
|      | TOLERANCES                           |           |          |
|      | DECIMALS                             | FRACTIONS | ANGLES   |
|      | ± .005                               | ± 1/64    | ± 0°30'  |
|      | FINAL SURFACE QUALITY                |           |          |
|      | REMOVE BURRS AND BREAK SHARP CORNERS |           |          |
|      | MATERIAL                             |           |          |
|      | NEXT HIGHER ASSY                     |           |          |
|      | A-ML-TU56-Ø                          |           |          |
|      | FINISH                               |           |          |
|      | SCALE                                |           |          |
|      | SHEET OF                             |           |          |
|      | DIST.                                |           |          |

digital EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

TITLE  
DWG INDEX LIST  
TU56


SIZE CODE  
D DI TU56-Ø-1

NUMBER  
P

REV.  
P

|               |         |
|---------------|---------|
| DRWG NO       | REV LTR |
| K-WL-TU56-Ø-2 | A       |

| REVISIONS |            |         |      |
|-----------|------------|---------|------|
| REV LTR   | ECO NO     | DATE    | ENG  |
| A         | TU56-00005 | 12-8-69 | S.K. |
|           |            |         |      |
|           |            |         |      |
|           |            |         |      |

|                                    |                               |                 |  |                           |
|------------------------------------|-------------------------------|-----------------|--|---------------------------|
| FIRST USED ON OPTION/MODEL<br>TU56 | DRAWN<br>GULICK               | DATE<br>7-8-69  | <br><b>digital</b><br>EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS | TITLE<br>TU56<br>DEC TAPE |
|                                    | CHECKED<br><i>D. Nolan</i>    | DATE<br>8-20-69 |  | FOR<br>TAPE*      FILE*   |
|                                    | ENG<br><i>E. Lutting</i>      | DATE<br>8/25/69 |  | SIZE<br>K                 |
|                                    | PROJ ENG<br><i>E. Lutting</i> | DATE<br>8/25/69 |  | CODE<br>WL                |
|                                    | PROD<br><i>E.R. Tompkins</i>  | DATE<br>8/25/69 |  | DWG. NO.<br>TU56-Ø-2      |
|                                    |                               |                 | REV LTR<br>A   |                           |
|                                    |                               |                 | SCALE NONE   |                           |
|                                    |                               |                 | SHEET 1 OF 1   |                           |
|                                    |                               |                 | DIST.  |                           |



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Table with 22 columns (1-22) and 3 rows (D, A, B) showing module and cable specifications for TU56-H. Includes labels like M941, M531, M948, M988, M940, G851, W032, G888, M117, M941, G848, G847, M022, M113, M117, M302, G888, M113, M322, G847.

Table with 22 columns (23-44) and 3 rows (B, C, B) showing module and cable specifications for TU56-H. Includes labels like M941, M531, M948, M988, M940, G851, W032, G888, M117, M941, G848, G847, M022, M113, M117, M302, G888, M113, M322, G847.

Table with 22 columns (45-66) and 3 rows (B, C, B) showing module and cable specifications for TU56-H. Includes labels like M941, M531, M948, M988, M940, G851, W032, G888, M117, M941, G848, G847, M022, M113, M117, M302, G888, M113, M322, G847.

Table with 8 columns (1-8) and 3 rows (A, B, A) showing revision history. Includes columns for CHK, CHANGE NO., REV., and dates.

IF CONN. TO ANOTHER TU56 USE CABLE \*D-UA-BC02X-3-0. IF CONN. TO TU55 USE CABLE \*D-IA-7006223-0-0

THE M941 JUMPER MODULES ARE REPLACED WITH W513 LEVEL AMPLIFIER MODULES WHEN THE TU56 IS CONNECTED TO A RELAY DRIVER TYPE CONTROL. G742 JUMPER CARD REPLACES M531 WHEN TU56 IS USED WITH POSITIVE OUTPUT LOGIC CONTROL.

IF TU56 IS REQ'D USE ALL MODULES & CABLES SHOWN WITH THE EXCEPTION OF NOTES LISTED ABOVE. IF TU56-H IS REQ'D ONLY MODULES & CABLES IND. BY ARROWS ARE USED

FIRST USED ON OPTION / MODEL TU56

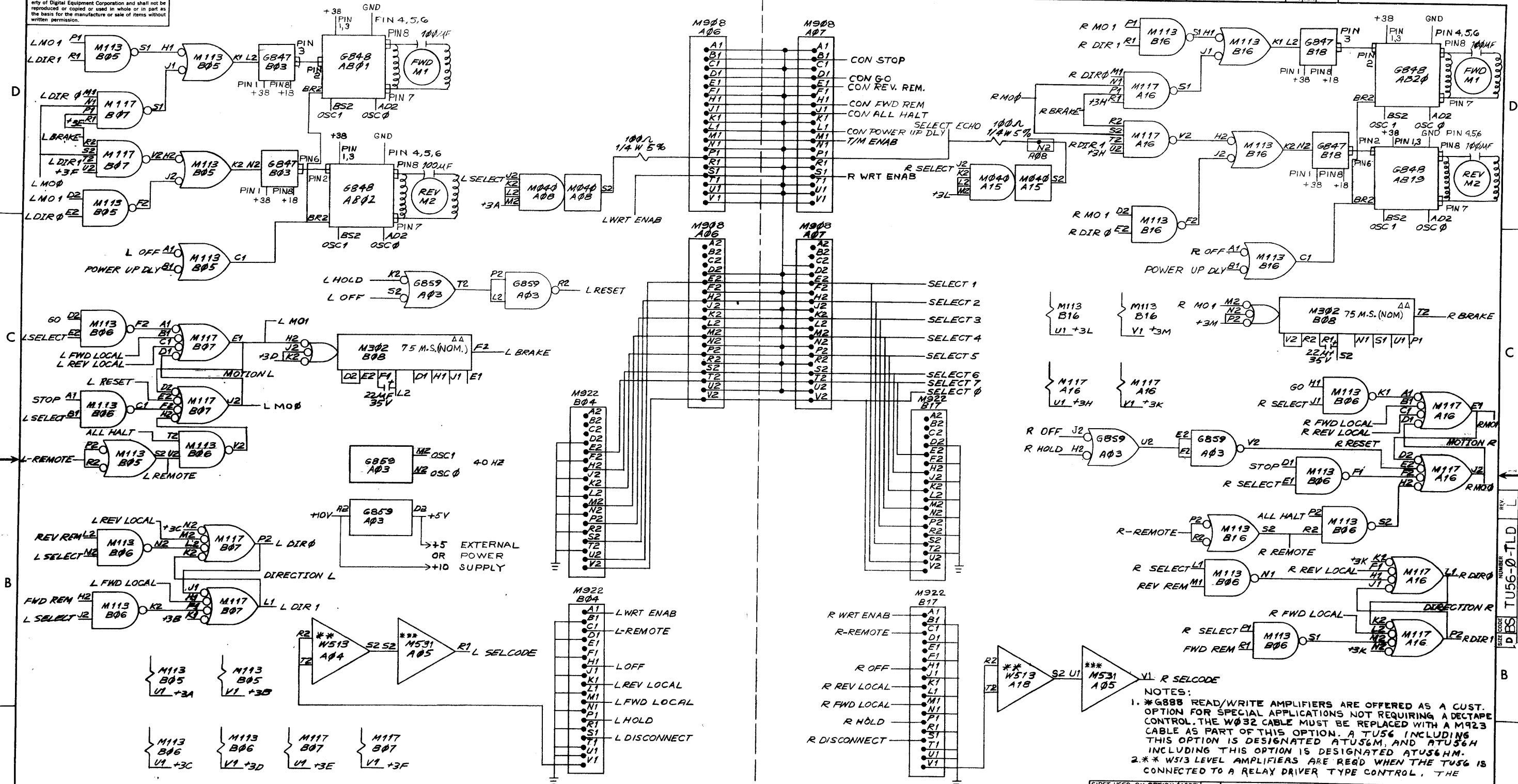
Table with 4 columns (1-4) and 3 rows (A, B, A) showing technical specifications like TOLERANCES, ANGLES, and FINISH.

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS. MODULE UTILIZATION. SIZE CODE D MU, NUMBER TU56-0-MU, REV H.

| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS |                    |                                | QUANTITY / VARIATION |              |           |            |            |            |           |            |            |            |  |  |
|---|--------------------|--------------------------------|----------------------|--------------|-----------|------------|------------|------------|-----------|------------|------------|------------|--|--|
| <b>PARTS LIST</b>                                       |                    |                                | TU56-φ-MU            | TU56-H-MU    | TU56-M-MU | TU56-MH-MU | TU56-MR-MU | TU56-MJ-MU | TU56-C-MU | TU56-HC-MU | TU56-MC-MU | TU56-MD-MU |  |  |
| MADE BY   | CHECKED            | SECTION                        |                      |              |           |            |            |            |           |            |            |            |  |  |
| R. RYHER  | D. HEALY           | 1                              |                      |              |           |            |            |            |           |            |            |            |  |  |
| DATE  | DATE               | ISSUED SECT.                   |                      |              |           |            |            |            |           |            |            |            |  |  |
| 7/23/69   | 8/6/69             | 1                              |                      |              |           |            |            |            |           |            |            |            |  |  |
| ENG   | PROD               |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
| <i>e. J. ...</i>  | <i>R. ...</i>      |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
| DATE  | DATE               |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
| 8/26/69   | 8/26/69            |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
| ITEM NO.  | DWG NO. / PART NO. | DESCRIPTION                    | TU56-φ-MU            | TU56-H-MU    | TU56-M-MU | TU56-MH-MU | TU56-MR-MU | TU56-MJ-MU | TU56-C-MU | TU56-HC-MU | TU56-MC-MU | TU56-MD-MU |  |  |
|   | G859               | CLOCK REGULATOR G859           | 1                    | 1            | 1         | 1          | 1          | 1          | 1         | 1          | 1          | 1          |  |  |
|   | W513               | LEVEL AMPLIFIER W513*          | 2                    | 1            | 2         | 1          | 2          | 1          | 0         | 0          | 0          | 0          |  |  |
|   | <del>M507</del>    | <del>BUS CONVERTER M507</del>  | <del>2</del>         | <del>1</del> |           |            |            |            |           |            |            |            |  |  |
|   | M531               | NEGATIVE INPUT CONVERTER       | 1                    | 1            | 1         | 1          | 1          | 1          | 0         | 0          | 0          | 0          |  |  |
|   | M040               | SOLENOID DRIVER M040           | 2                    | 1            | 2         | 1          | 2          | 1          | 2         | 1          | 2          | 1          |  |  |
|   | G851               | RELAY G851                     | 2                    | 1            | 2         | 1          | 2          | 1          | 2         | 1          | 2          | 1          |  |  |
|   | G888               | MANCHESTER READER, WRITER G888 | 0                    | 0            | 5         | 5          | 5          | 5          | 0         | 0          | 5          | 5          |  |  |
|   | M117               | 2 INPUT NAND GATES M117        | 2                    | 1            | 2         | 1          | 2          | 1          | 2         | 1          | 2          | 1          |  |  |
|   | M113               | 10-2 INPUT NAND GATES M113     | 3                    | 2            | 3         | 2          | 3          | 2          | 3         | 2          | 3          | 2          |  |  |
|   | M302               | DUAL DELAY MULTIVIBRATOR M302  | 1                    | 1            | 1         | 1          | 1          | 1          | 1         | 1          | 1          | 1          |  |  |
|   | G848               | MOTOR DRIVE                    | 4                    | 2            | 4         | 2          | 4          | 2          | 4         | 2          | 4          | 2          |  |  |
|   | G847               | DUAL MOTOR CON                 | 2                    | 1            | 2         | 1          | 2          | 1          | 2         | 1          | 2          | 1          |  |  |
|   | M941               | JUMPER/EXTENDER                | 2                    | 1            | 2         | 1          | 2          | 1          | 2         | 1          | 2          | 1          |  |  |
|   | G742               | + LOGIC JUMPER                 | 1                    | 1            | 1         | 1          | 1          | 1          | 1         | 1          | 1          | 1          |  |  |
|   |                    |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
|   |                    |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
|   |                    |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
|   |                    |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
|   |                    |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
|   |                    |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
|   | * NOTE: SEE        | D-MU-TU56-φ-MU                 |                      |              |           |            |            |            |           |            |            |            |  |  |
|   |                    |                                |                      |              |           |            |            |            |           |            |            |            |  |  |
| TITLE   |                    | ASSY NO.                       | SIZE                 | CODE         | NUMBER    |            | REV.       | ECO NO.    |           |            |            |            |  |  |
| MODULE UTILIZATION LIST                                 |                    | D-MU-TU56-φ-MU                 | A                    | PL           | TU56-φ-MU |            | H          | TU56-00072 |           |            |            |            |  |  |
| SHEET 1 OF 1  |                    |                                | DIST.                |              |           |            |            |            |           |            |            |            |  |  |

DEC FORM NO.  
DRA 110

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| REV. | CHG. | NO.  | DESCRIPTION |
|------|------|------|-------------|
| A    | 0    | 0005 | TU56-00005  |
| B    | 1    | 0008 | TU56-00008  |
| C    | 1    | 0009 | TU56-00009  |
| D    | 1    | 0021 | TU56-00021  |
| E    | 1    | 0026 | TU56-00026  |
| F    | 1    | 0044 | TU56-00044  |
| G    | 1    | 0054 | TU56-00054  |
| H    | 1    | 0057 | TU56-00057  |
| J    | 1    | 0071 | TU56-00071  |
| K    | 1    | 0070 | TU56-00070  |
| L    | 1    | 0071 | TU56-00071  |

LEFT HAND TRANSPORT

- 1. CONT.
- 2. RIGHT HAND TRANSPORT
- 3. W513 MODULES ARE REPLACED BY M941 JUMPER MODULES WHEN THE TU56 IS CONNECTED TO ANY OTHER DECTAPE CONTROL.
- 4. \*\*\*G792 JUMPER CARD REPLACES M531 WHEN TU56 IS USED WITH POS OUTPUT LOGIC CONTROL.
- 5. Δ+5V MUST BE SUPPLIED BY EXTERNAL PS WHEN G888'S ARE INSTALLED IN TU56.
- 6. ΔΔ ADJUST FOR OPTIMUM BRAKING CHARACTERISTICS. CONSULT MAINTENANCE MANUAL FOR DETAILS.

NOTES:

- \*G888 READ/WRITE AMPLIFIERS ARE OFFERED AS A CUST. OPTION FOR SPECIAL APPLICATIONS NOT REQUIRING A DECTAPE CONTROL. THE W032 CABLE MUST BE REPLACED WITH A M923 CABLE AS PART OF THIS OPTION. A TU56 INCLUDING THIS OPTION IS DESIGNATED ATU56M, AND ATU56H INCLUDING THIS OPTION IS DESIGNATED ATU56HM.
- \*\* W513 LEVEL AMPLIFIERS ARE READ WHEN THE TU56 IS CONNECTED TO A RELAY DRIVER TYPE CONTROL. THE

| FIRST USED ON OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|----------------------------|------|-------------|----------|----------|
| TU56                       |      |             |          |          |

|                                      |            |      |  |
|--------------------------------------|------------|------|--|
| UNLESS OTHERWISE SPECIFIED           | DRN        | DATE |  |
| UNLESS OTHERWISE SPECIFIED           | CHK'D      | DATE |  |
| TOLERANCES                           | ENG        | DATE |  |
| DECIMALS ± .005                      | PROJ. ENG. | DATE |  |
| FRACTIONS ± 1/64                     | PROD.      | DATE |  |
| ANGLES ± 0°30'                       |            |      |  |
| FINAL SURFACE QUALITY                |            |      |  |
| REMOVE BURRS AND BREAK SHARP CORNERS |            |      |  |

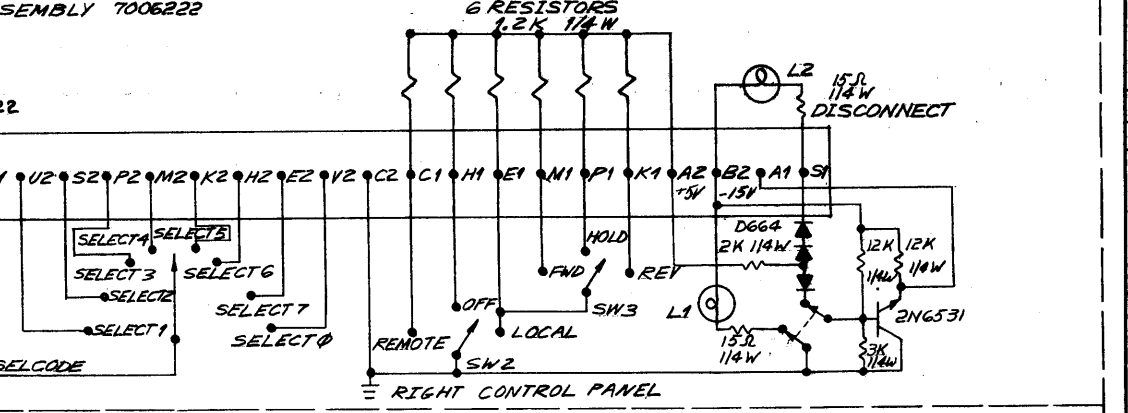
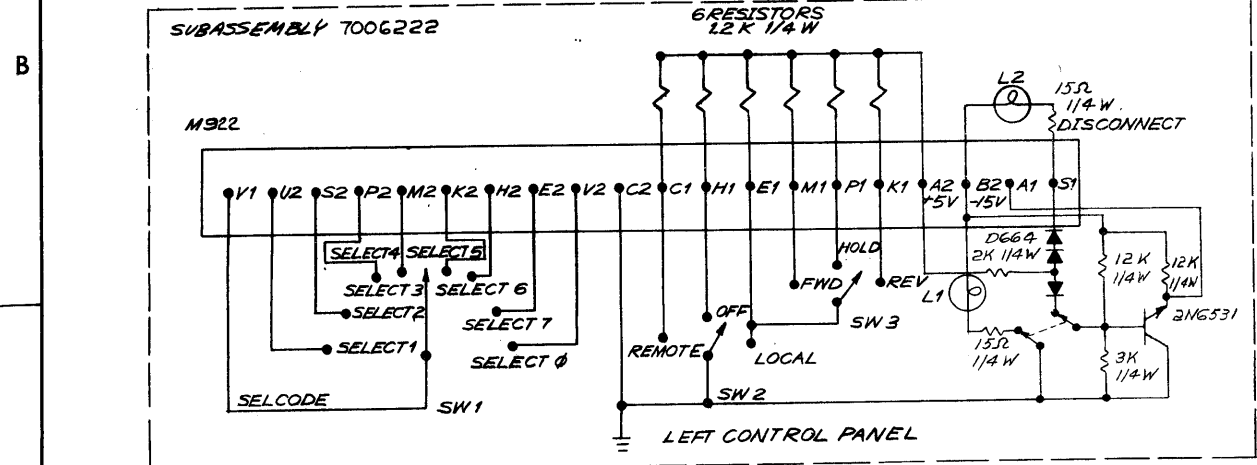
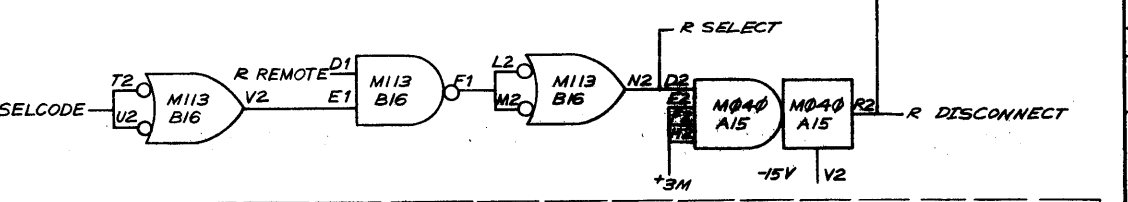
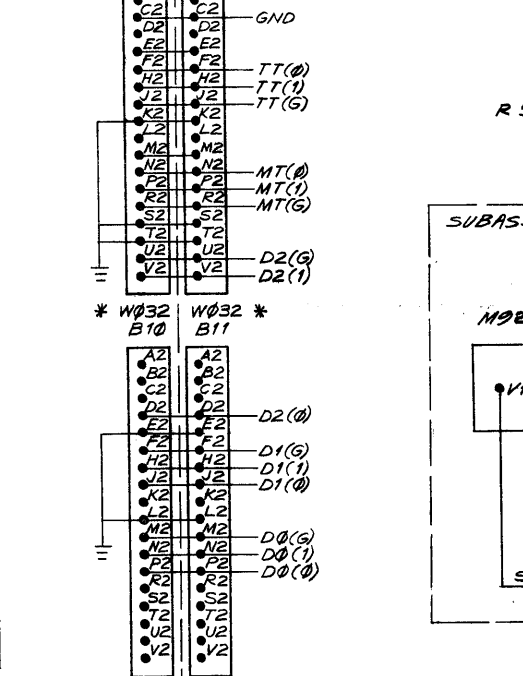
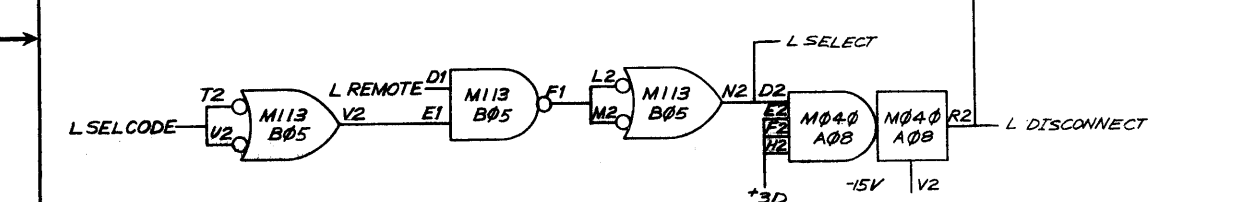
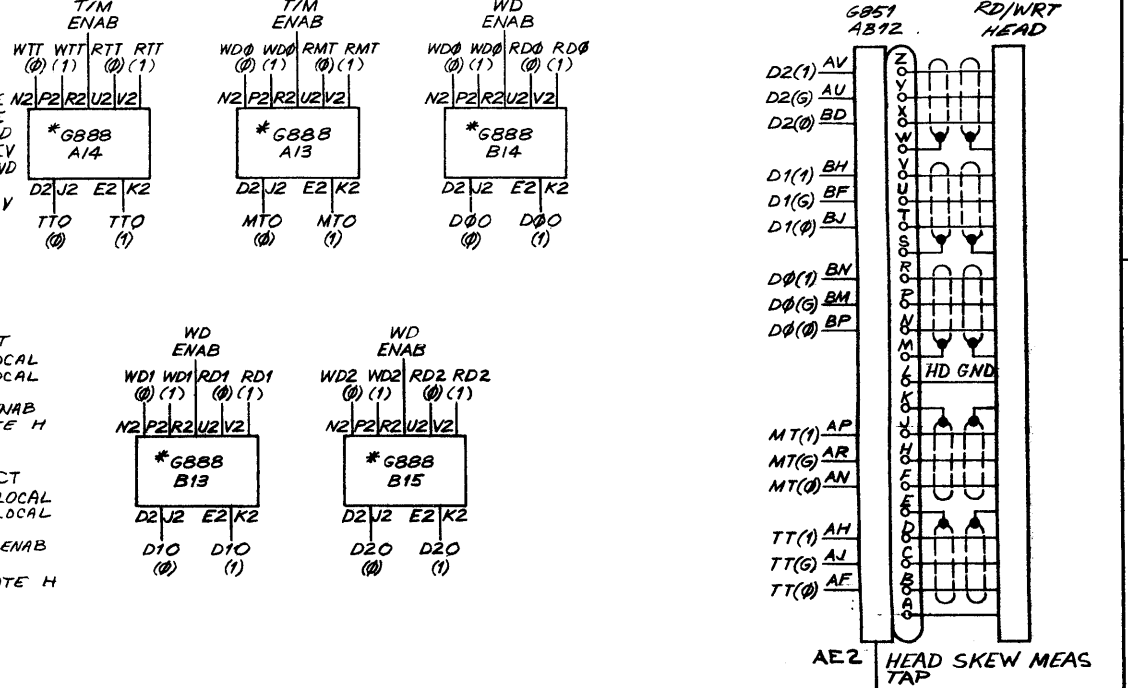
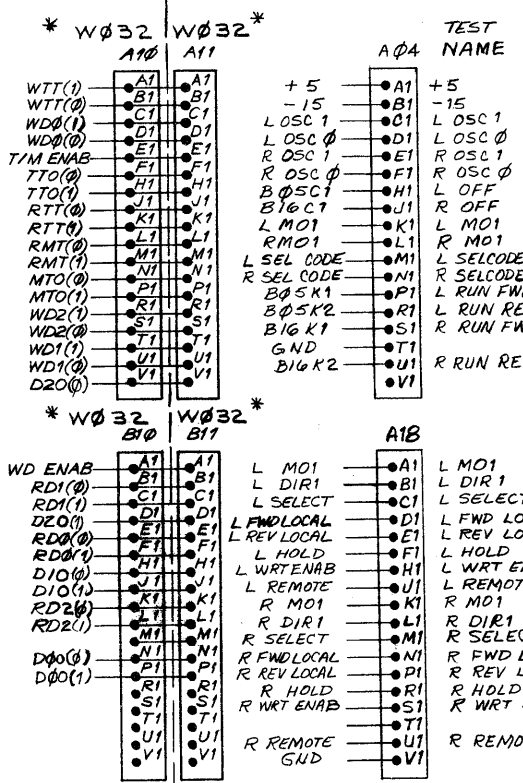
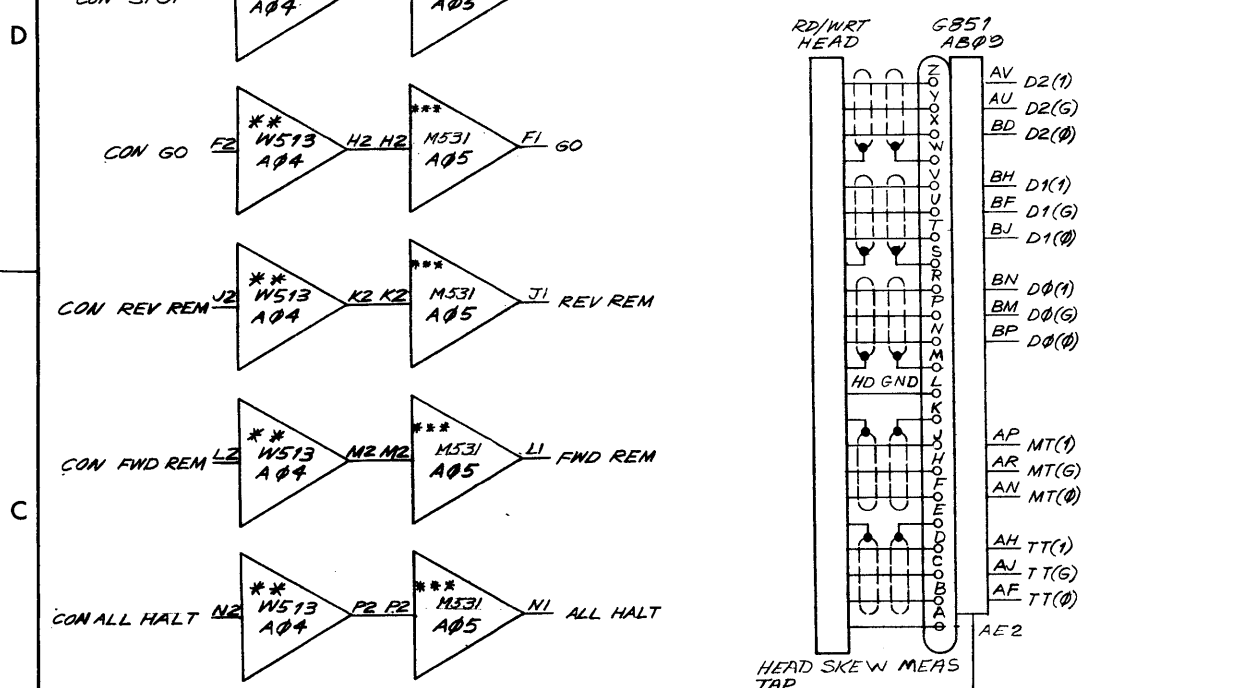
|                         |  |   |
|-------------------------|--|---|
| PARTS LIST              |  | EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS |
| TITLE                   |  |   |
| TRANSPORT LOGIC DIAGRAM |  |   |

|          |                  |           |            |      |
|----------|------------------|-----------|------------|------|
| MATERIAL | NEXT HIGHER ASSY | SIZE CODE | NUMBER     | REV. |
| FINISH   | A-ML-TU56-0      | D BS      | TU56-0-TLD | L    |
| SCALE    | SHEET 1 OF 2     |           | DIST.      |      |

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**NOTES:**  
 1. \*G888 READ/WRITE AMPLIFIERS ARE OFFERED AS A CUSTOMER OPTION FOR SPECIAL APPLICATIONS NOT REQUIRING A DECTAPE CONTROL. THE W032 CABLE MUST BE REPLACED WITH A M923 CABLE AS PART OF THIS OPTION. ATU56 INCLUDING THIS OPTION IS DESIGNATED A TU56M, AND ATU56H INCLUDING THIS OPTION IS DESIGNATED A TU56HM.  
 2. \*\*W513 LEVEL AMPLIFIERS ARE REQUIRED WHEN THE TU56 IS CONNECTED TO A RELAY DRIVER TYPE CONTROL. THE W513 MODULES ARE REPLACED BY M941 JUMPER MODULES WHEN THE TU56 IS CONNECTED TO ANY OTHER DECTAPE CONTROL.



REVISIONS

| REV. | CHANGE NO. |
|------|------------|
|      |            |

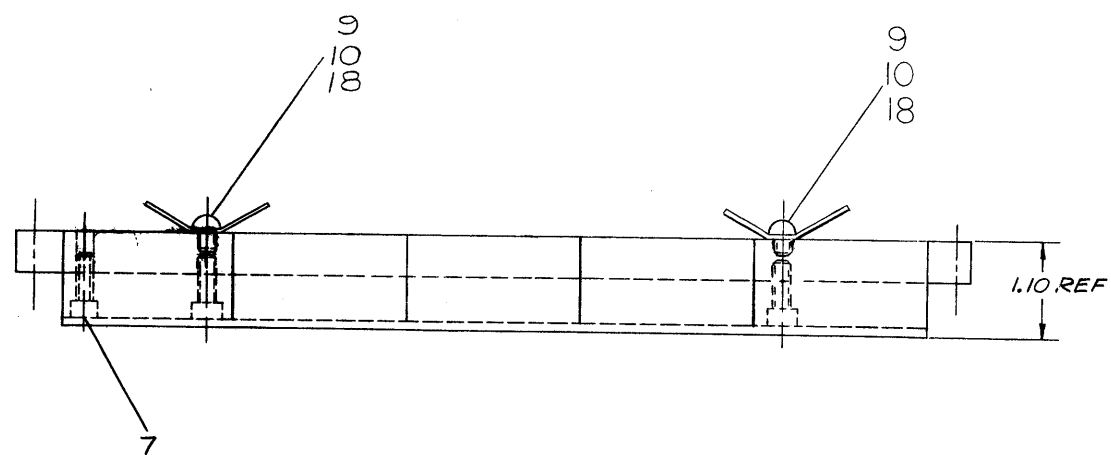
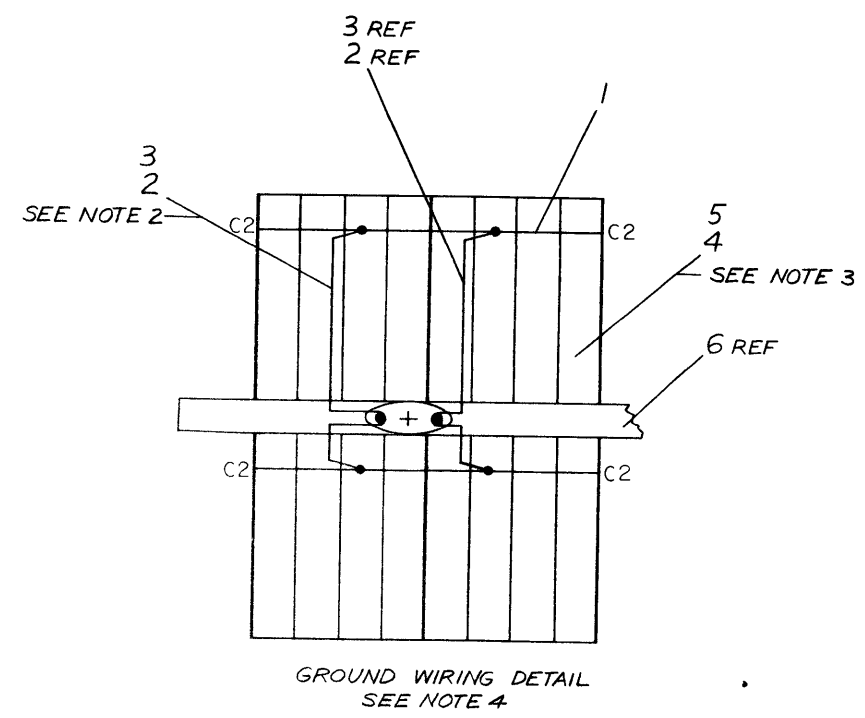
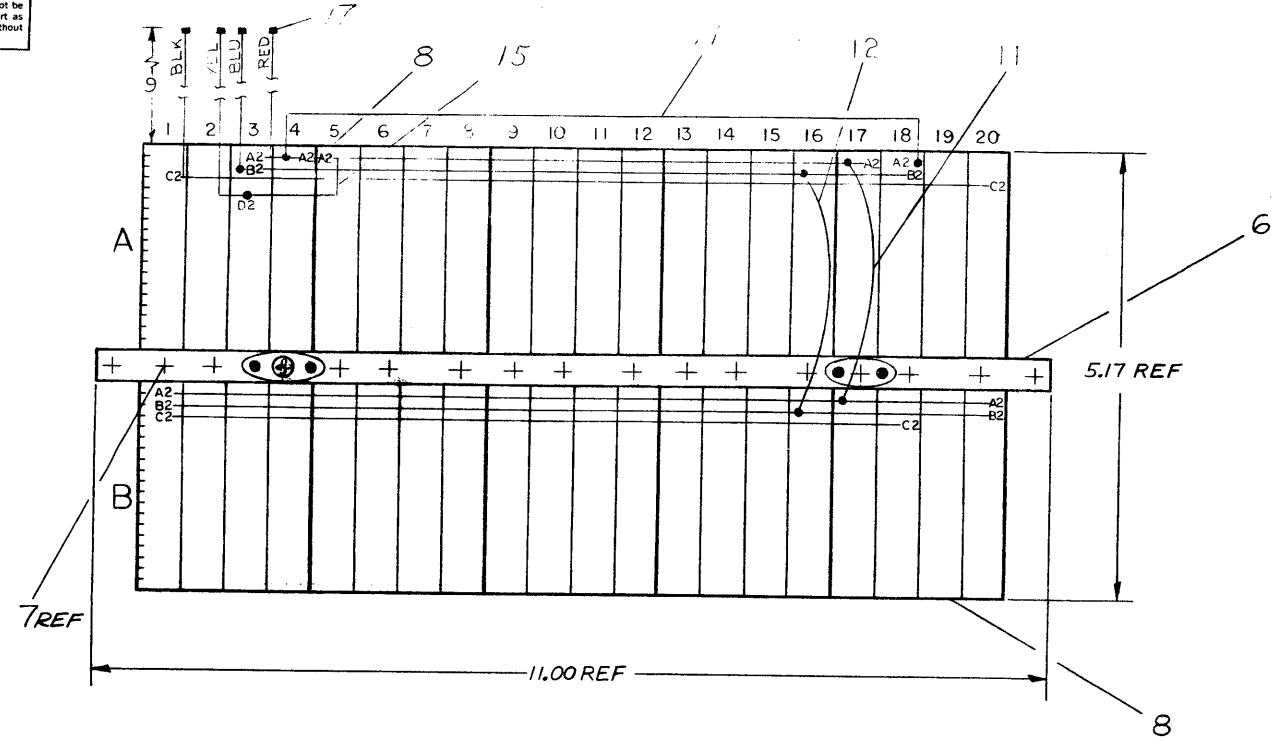
LEFT HAND TRANSPORT      RIGHT HAND TRANSPORT  
 CONT.  
 3.\*\*\*G742 JUMPER CARD REPLACES M531 WHEN TU56 IS USED WITH POS-OUTPUT LOGIC CONT.

|  |                  |                         |          |          |
|--|------------------|-------------------------|----------|----------|
| FIRST USED ON OPTION/MODEL<br>TU56                         | QTY.             | DESCRIPTION             | PART NO. | ITEM NO. |
| PARTS LIST   |                  |                         |          |          |
| UNLESS OTHERWISE SPECIFIED                                 | DRN              | R. Pythe                | DATE     | 7-9-69   |
| UNLESS OTHERWISE SPECIFIED                                 | CHKD.            | D. Neal                 | DATE     | 8-2-69   |
| DIMENSION IN INCHES  | ENG.             | E. J. King              | DATE     | 8/2/69   |
| TOLERANCES   | PROJ. ENG.       | E. J. King              | DATE     | 8/2/69   |
| DECIMALS FRACTIONS ANGLES                                  | PROD.            | E. J. King              | DATE     | 8/2/69   |
| ± .005 ± 1/64 ± 0°30'                                      | NEXT HIGHER ASSY | A-ML-TU56-0             | SCALE    | ++       |
| FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS | FINISH           | ++                      | SHEET    | 2 OF 2   |
| TITLE  |                  | TRANSPORT LOGIC DIAGRAM |          |          |
| MATERIAL   |                  | SIZE CODE               |          |          |
| FINISH   |                  | NUMBER                  |          |          |
| SCALE  |                  | TU56-0-TLD              |          |          |
| SHEET  |                  | REV.                    |          |          |
| 2 OF 2   |                  | L                       |          |          |

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| ITEM NO. | COMP      | POL | FROM  | TO    | POL |
|----------|-----------|-----|-------|-------|-----|
| 13       | RESISTOR  | X   | A0BS2 | A06P1 | X   |
| 13       | RESISTOR  | X   | A0BN2 | A07P1 | X   |
| 14       | CAPACITOR | -   | B08F1 | A08L2 | +   |
| 14       | CAPACITOR | -   | B08R1 | B08S2 | +   |

- NOTES:
1. CONNECTIONS ON ITEMS #1 & #2 TO BE SOLDERED AND LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCK
  2. CONN BLOCK TO BE GROUNDED TO GND LUG AS SHOWN
  3. USE YELLOW WIRE (ITEM #3) FOR MACHINE WRAPPED & BLUE WIRE (ITEM #4) FOR HAND WRAPPED WIRING
  4. JUMPER GROUND BUSSING AS SHOWN IN PLACE



| REV | CHANGE NO. | DATE    | BY        | CHK       |
|-----|------------|---------|-----------|-----------|
| A   | 0005       | 12/1/69 | E. LUTTIG | E. LUTTIG |
| B   | 0013       | 2-27-70 | E. LUTTIG | E. LUTTIG |
| C   | 0017       | 3-6-70  | E. LUTTIG | E. LUTTIG |
| D   | 0055       | 3/19/70 | E. LUTTIG | E. LUTTIG |
| E   | 0062       | 3/18/71 | E. LUTTIG | E. LUTTIG |

|   |   |
|---|---|
| FIRST USED ON OPTION/ MODEL<br>TU56                                 | DO NOT SCALE DRAWING<br>UNLESS OTHERWISE SPECIFIED<br>DIMENSION IN INCHES                                 |
| TOLERANCES<br>DECIMALS<br>.XXX = ± .005<br>.XX = ± .02<br>.X = ± .1 | TOLERANCES<br>DECIMALS<br>ANGLES = 0°30'<br>FINAL SURFACE QUALITY<br>REMOVE BURRS AND BREAK SHARP CORNERS |
| MATERIAL<br>---   | FINISH<br>---   |

| QTY.  | DESCRIPTION | PART NO.     | ITEM NO. |
|---|-------------|--------------|----------|
| PARTS LIST  |             |              |          |
| digital EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS |             |              |          |
| TITLE<br>WIRED ASSY<br>TU56                             |             |              |          |
| NEXT HIGHER ASSY<br>E-UA-TU56-0-0                       |             | SCALE<br>1/1 | REV<br>E |
| SHEET 1 OF 1  |             | DIST.        |          |

**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS  
**PARTS LIST**

|                        |                            |              |
|------------------------|----------------------------|--------------|
| MADE BY KEN GULICK     | CHECKED D. HEALY           | SECTION      |
| DATE 6/19/69           | DATE 7/23/69               | 1            |
| ENG <i>E. H. H. G.</i> | PROD <i>C. R. Thompson</i> | ISSUED SECT. |
| DATE 7/26/69           | DATE 8/26/69               | 1            |

QUANTITY / VARIATION

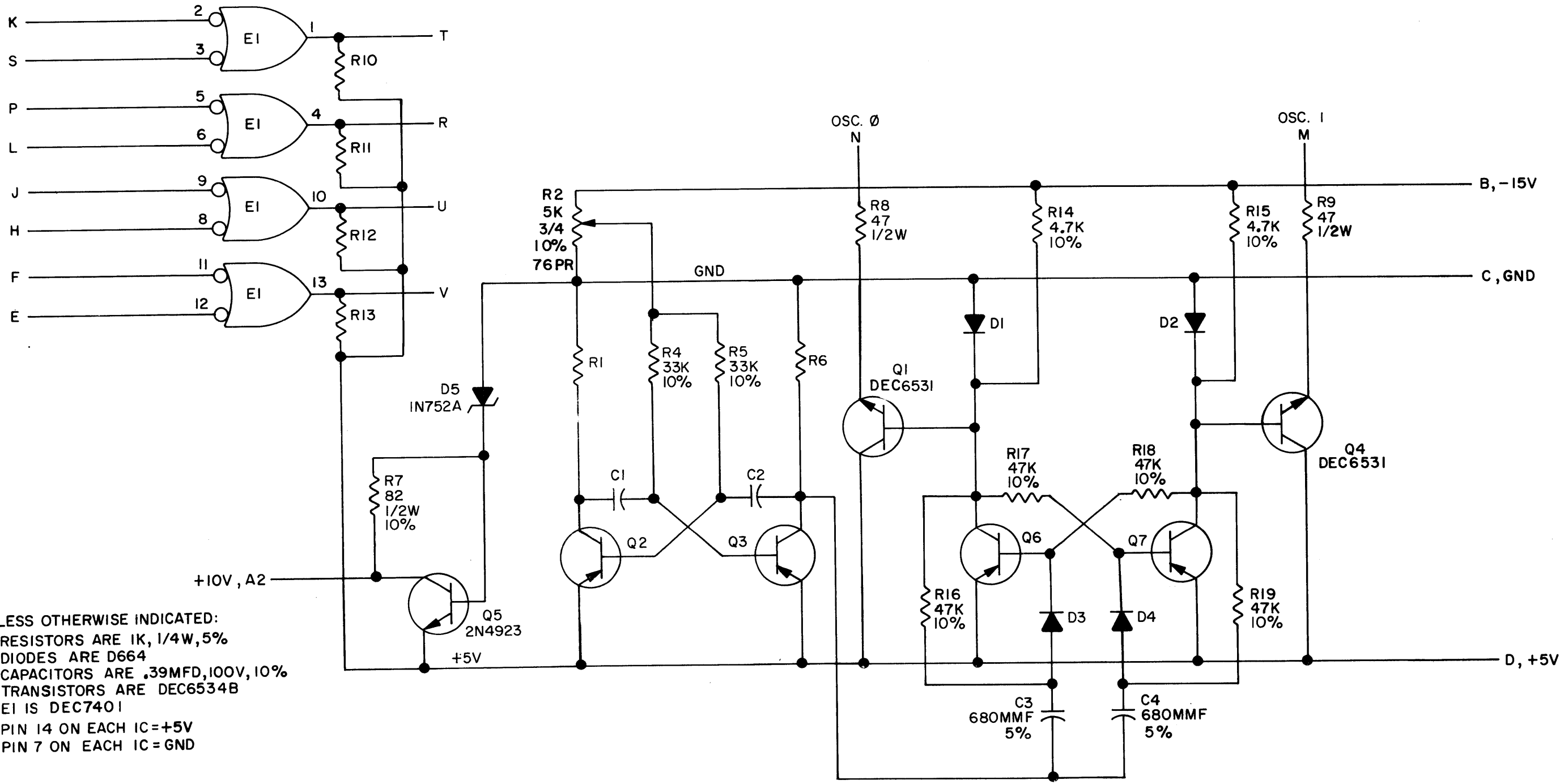
| ITEM NO. | DWG NO. / PART NO. | DESCRIPTION                              | 7006321-0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------|--------------------|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 1        | 1205541            | BUS STRIP                                | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2        | 9107560-01         | 22 AWG BUS WIRE                          | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3        | 9107265-09         | #22 TUBING, TEFLON, WHITE                | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4        | 9105740-44         | 30 AWG SOLID TEF INS. WIRE, YELLOW       | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5        | 9105740-66         | 30 AWG SOLID TEF INS. WIRE, BLUE         | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6        | 6-IA-7407393-0-0   | MTG BAR (5 BLOCKS) TU56                  | 1         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7        | 9006120            | SCR PHL HD SELF-TAPPING 8-32 x 5/8       | 10        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8        | 1205348            | 288 PIN CONN BLOCK                       | 5         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9        | 9006775            | TERMINAL #2116-08-00 SHAKEPROOF          | 2         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10       | 9008143            | SCR PHL HD SELF-TAPPING 8-32 x 1/4       | 2         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11       | 9107350-22         | 22 AWG STRD TEF INS WIRE, RED            | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12       | 9107530-66         | 22 AWG STRD TEF INS WIRE, BLU            | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13       | 7408016            | RESISTOR 100 OHMS 1/4 W 5% CCW/TERMI PTS | 2         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14       | 7408015            | CAPACITOR 22 MFD 35V S. TANT W/TERMI PTS | 2         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| REF      | K-WL-TU56-0-2      | WIRE LIST                                | X         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15       | 9107350-44         | 22 AWG STRD TEF INS WIRE, YEL            | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16       | 9107350-00         | 22 AWG STRD TEF INS WIRE, BLK            | A/R       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17       | 9007917            | CONN. SOLDERLESS #50902 ARKLES           | 4         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18       | 9006634            | WASHER INT #8                            | 2         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                 |                  |      |      |             |     |            |
|-----------------|------------------|------|------|-------------|-----|------------|
| TITLE           | ASSY NO.         | SIZE | CODE | NUMBER      | REV | ECO NO.    |
| WIRED ASSY TU56 | D-AD-7006321-0-0 | A    | PL   | 7006321-0-0 | E   | TU56-00062 |
| SHEET 1 OF 1    | DIST.            |      |      |             |     |            |

| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS |                     |   | LEGEND       |          | QUANTITY / VARIATION    |                |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
|---|---------------------|---|--------------|----------|-------------------------|----------------|-----|--------|----|----|--------|-----|----------|-----|-----------|----|------|--------------------|----|------|
| ACCESSORY LIST  |                     |   | D            | DOCUMENT | TU56-0, -M, -MR         |                |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| MADE BY J. Ingledue                                     |                     | CHECKED 7/7/72  | SECTION      | DN       | DOCUMENT CHANGE NOTICE  | TU56-H, MH, MJ |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| DATE 5/31/72  |                     | DATE <i>7/7/72</i>  |              | PA       | PAPER TAPE ASCII        | TU56-C, -MC    |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| ENG <i>H. Dink</i>                                      |                     | PROD  | ISSUED SECT. | PB       | PAPER TAPE BINARY       | TU 56-HC, -MD  |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| DATE 7/7/72   |                     | DATE  |              | PM       | PAPER TAPE READ-IN-MODE |                |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| ITEM NO.  | DWG NO. / PART NO.  | DESCRIPTION   |              |          | TU56-0                  | -M             | -MR | TU56-H | MH | MJ | TU56-C | -MC | TU 56-HC | -MD | KIT CHECK | BY | DATE | INSTALLATION CHECK | BY | DATE |
| 1   | BC02X-03            | Select Cable  |              |          | 1                       | 1              |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 2   | 74-8321             | Mounting Bracket (H950 Cabinet)   |              |          | 1                       | 1              |     | 1      | 1  |    |        |     |          |     |           |    |      |                    |    |      |
| 3   | 74-8322             | Spacer Block (H950 Cabinet)   |              |          | 2                       | 2              |     | 2      | 2  |    |        |     |          |     |           |    |      |                    |    |      |
| 4   | TU56-0              | Complete Print Set (see A-ML-TU56-0)  |              |          | 1                       | 1              |     | 1      | 1  |    |        |     |          |     |           |    |      |                    |    |      |
| 5   | DEC-00-HRTB-D       | Maintenance Manual  |              |          | 1                       | 1              |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 6   | 12-9331             | Take Up Reel  |              |          | 2                       | 1              |     | 2      | 1  |    |        |     |          |     |           |    |      |                    |    |      |
| 7   | TUC-01              | Head Cleaning Kit   |              |          | 1                       | 1              |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 8   | 74-5152-1           | Head Cable  |              |          | 1                       | 1              |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 9   | G742                | Jumper Module (Remove M531 and replace with G742 for PDP-11 add-ons and OEM's)                          |              |          | 1                       | 1              |     | 1      | 1  |    |        |     |          |     |           |    |      |                    |    |      |
| 10  | 74-5996             | Certified DECTape 12 Bit Format   |              |          | 2                       | 1*             |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 11  | 74-5996-1           | Certified DECTape 18 Bit Format   |              |          | 2                       | 1*             |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
|   |                     | NOTE: Items 12 thru 14 are for Rack Mountable Field Add-on shipments only.                              |              |          |                         |                |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 12  | 91-7673-06          | AC Line Cord 6'   |              |          | 1                       | 1              |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 13  | 90-8851             | Mounting Hardware Bag   |              |          | 1                       | 1              |     | 1      | 1  |    |        |     |          |     |           |    |      |                    |    |      |
| 14  | 91-7710 and 90-8849 | Hook Up Wire  |              |          | 1                       | 1              |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
|   |                     | *NOTE: Supply Item 10 for PDP-5, 8 Family, and 12; Item 11 for PDP-1,4,6,7,9,10,11, and 15.             |              |          |                         |                |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
|   |                     | NOTE: When unit is to be connected to a TU55 or a relay driver control, refer to D-MU-TU56-0 for notes. |              |          |                         |                |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
|   |                     | When unit is to be installed on a tubular style cabinet, refer to A-PL-TU56-0-0 for notes.              |              |          |                         |                |     |        |    |    |        |     |          |     |           |    |      |                    |    |      |
| 15  | DEC-TU56-IPB-1      | ILLUSTRATED PARTS BREAKDOWN   |              |          | 1                       | 1              |     | 1      | 1  |    |        |     |          |     |           |    |      |                    |    |      |

|   |  |           |                          |                    |           |                      |
|---|--|-----------|--------------------------|--------------------|-----------|----------------------|
| TITLE<br>DECTape DRIVE UNIT ACCESSORY<br>SHIPPING KIT |  | ASSY. NO. | SIZE CODE<br><b>A AL</b> | NUMBER<br>TU56-0-5 | REV.<br>E | ECO NO<br>TU56-00077 |
| SHEET 1 OF 1  |  | DIST.     |                          |                    |           |                      |

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UNLESS OTHERWISE INDICATED:  
 RESISTORS ARE 1K, 1/4W, 5%  
 DIODES ARE D664  
 CAPACITORS ARE .39MFD, 100V, 10%  
 TRANSISTORS ARE DEC6534B  
 EI IS DEC7401  
 PIN 14 ON EACH IC = +5V  
 PIN 7 ON EACH IC = GND

| REV. NO. | CHK | CHG | NO.  | REV. |
|----------|-----|-----|------|------|
| A        |     |     | 0001 |      |
| B        |     |     | 0002 |      |
| C        |     |     | 0003 |      |

|                          |                  |
|--------------------------|------------------|
| DRN.<br><i>BUTLER</i>    | DATE<br>11-13-69 |
| CHK'D<br><i>V. Smith</i> | DATE<br>11-17-69 |
| ENG.<br><i>E. Luthy</i>  | DATE<br>1/24/69  |
| PROD.                    | DATE             |

| TRANSISTOR & DIODE CONVERSION CHART |          |     |     |
|-------------------------------------|----------|-----|-----|
| DEC                                 | EIA      | DEC | EIA |
| D664                                | IN3606   |     |     |
| DEC6534B                            | MPS6534B |     |     |
| DEC6531                             | MPS6531  |     |     |
| 2N4923                              | SAME     |     |     |

**digital**  
 EQUIPMENT CORPORATION  
 MAYNARD, MASSACHUSETTS

|                                 |            |                    |           |
|---------------------------------|------------|--------------------|-----------|
| TITLE<br>CLOCK & REGULATOR G859 |            |                    |           |
| SIZE<br>B                       | CODE<br>CS | NUMBER<br>G859-0-1 | REV.<br>C |
| PRINTED CIRCUIT REV.            |            |                    | A         |

MS 1157

4 - P. 100

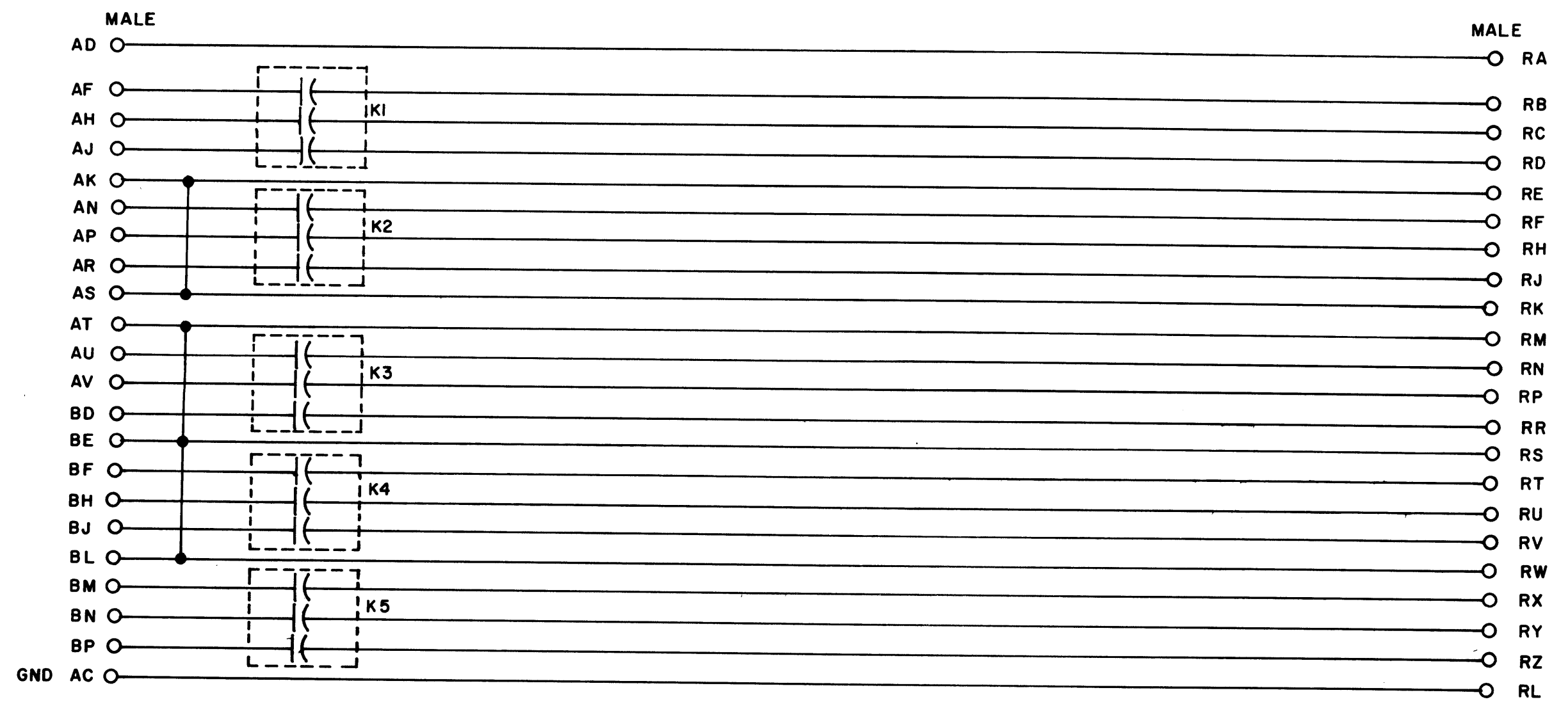
DIST. 3244, 434, 435





|        |                 |    |   |      |
|--------|-----------------|----|---|------|
| REV. B | NUMBER 6851-0-1 | CS | B | SIZE |
|--------|-----------------|----|---|------|

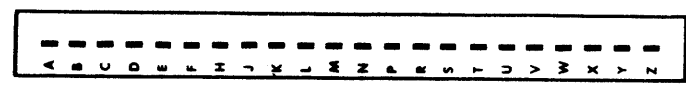
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AMPHENOL  
133-022-03

NOTE:  
RELAYS ARE WHEELOCK  
REED, 260 SERIES 3A  
12V DC

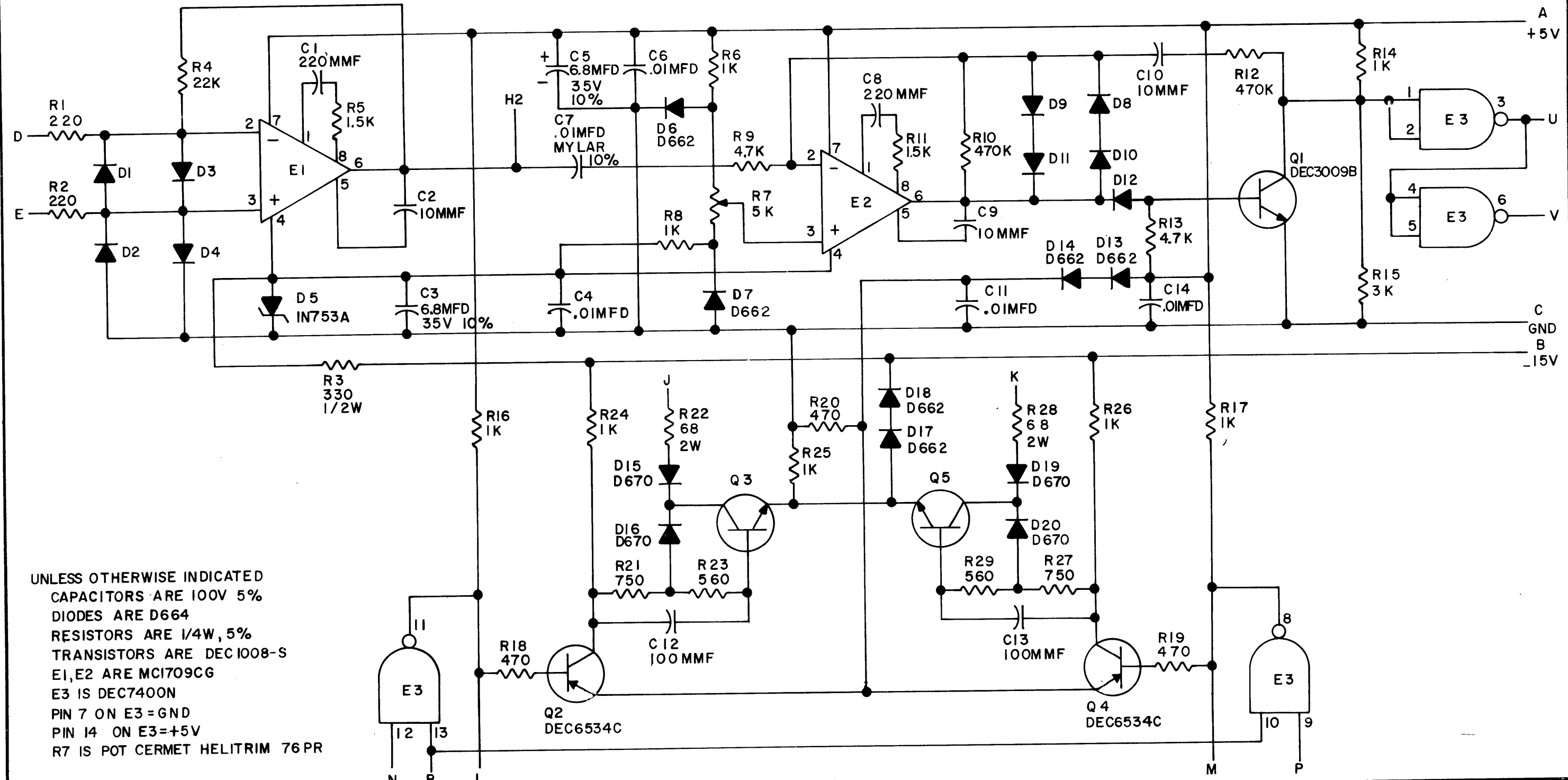
-15V AB



|  |                      |                 |                                     |     |     |     |   |      |      |          |      |
|--|----------------------|-----------------|-------------------------------------|-----|-----|-----|---|------|------|----------|------|
| REVISIONS<br>CHK CHG NO. REV.<br>DAW 4613 1<br>REV & REDR.<br>5196 B | DRN.<br>H.W. PORTER  | DATE<br>1-13-65 | TRANSISTOR & DIODE CONVERSION CHART |     |     |     | TITLE<br>RELAY G851<br>digital<br>EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS | SIZE | CODE | NUMBER   | REV. |
|  | CHK'D<br>N. PERRYMAN | DATE<br>1-25-65 | DEC                                 | EIA | DEC | EIA |   | B    | CS   | G851-0-1 | B    |
|  | ENG.<br>D. WARDIMAN  | DATE<br>1-25-65 |                                     |     |     |     |   |      |      |          |      |
|  | PROD.                | DATE            |                                     |     |     |     |   |      |      |          |      |
| PRINTED CIRCUIT REV.   |                      |                 |                                     |     |     |     | B   |      |      |          |      |



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UNLESS OTHERWISE INDICATED  
 CAPACITORS ARE 100V 5%  
 DIODES ARE D664  
 RESISTORS ARE 1/4W, 5%  
 TRANSISTORS ARE DEC1008-S  
 E1, E2 ARE MC1709CG  
 E3 IS DEC7400N  
 PIN 7 ON E3 = GND  
 PIN 14 ON E3 = +5V  
 R7 IS POT CERMET HELITRIM 76 PR

| REV. | CHG. NO. | CHK.    |
|------|----------|---------|
| A    | 6888-1   | H. DRAB |
| B    | 100002   | H. DRAB |

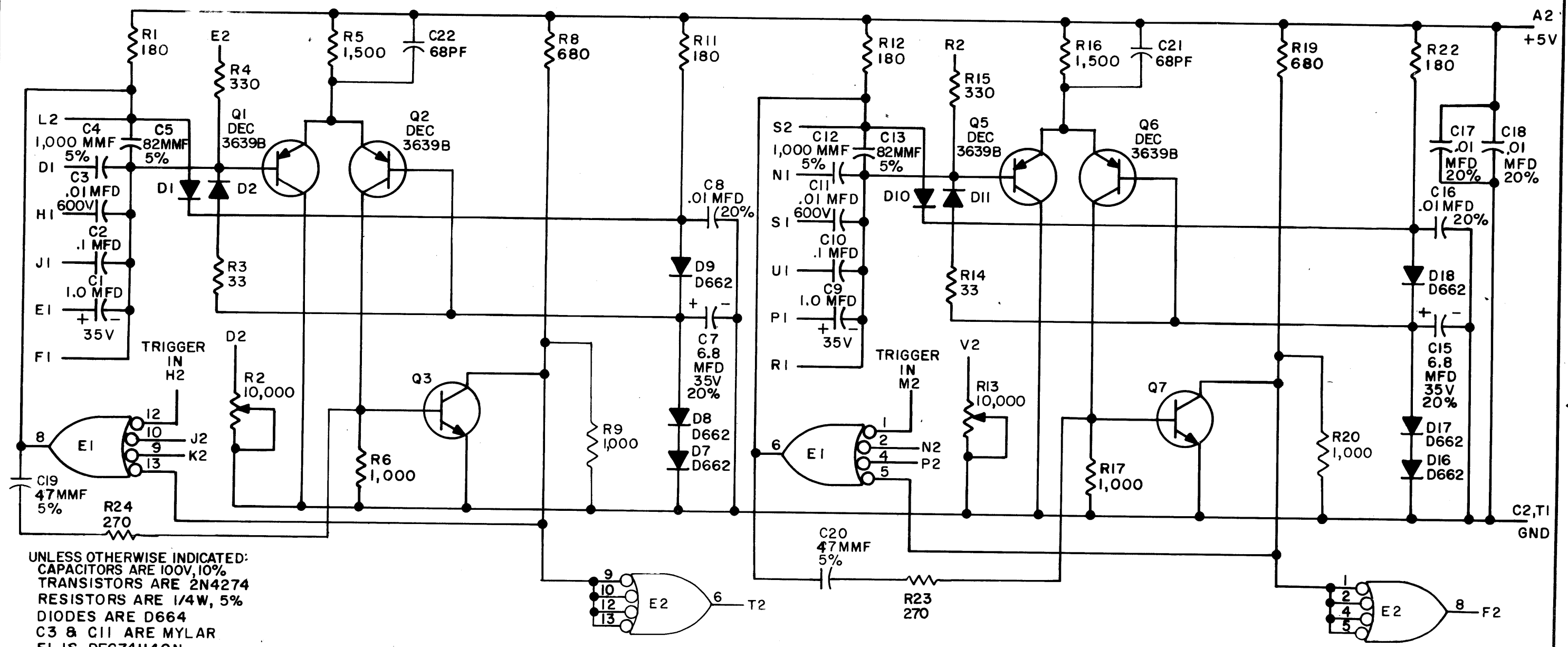
|                             |              |
|-----------------------------|--------------|
| DRN. <i>A. Clemens</i>      | DATE 8-29-69 |
| CHK'D. <i>T. O. Hallett</i> | DATE 9/3/69  |
| ENG. <i>J. Calver</i>       | DATE 9/25/69 |
| PROD.                       | DATE         |

| TRANSISTOR & DIODE CONVERSION CHART |         |           |        |
|-------------------------------------|---------|-----------|--------|
| DEC                                 | EIA     | DEC       | EIA    |
| D664                                | IN3606  | DEC1008-S | MM1008 |
| D662                                | IN645   |           |        |
| D670                                | SAME    |           |        |
| DEC3009B                            | 2N3009B |           |        |
| DEC6534C                            | MPS6534 |           |        |

**digital**  
 EQUIPMENT CORPORATION  
 MAYNARD, MASSACHUSETTS

|                                     |         |                 |        |
|-------------------------------------|---------|-----------------|--------|
| TITLE MANCHESTER READER/WRITER G888 |         |                 |        |
| SIZE B                              | CODE CS | NUMBER G888-0-1 | REV. B |
| PRINTED CIRCUIT REV. A              |         |                 |        |

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UNLESS OTHERWISE INDICATED:  
 CAPACITORS ARE 100V, 10%  
 TRANSISTORS ARE 2N4274  
 RESISTORS ARE 1/4W, 5%  
 DIODES ARE D664  
 C3 & C11 ARE MYLAR  
 E1 IS DEC74H40N  
 PIN 7 ONIC'S= GND  
 PIN 14 ONIC'S= +5V  
 R2 & R13 ARE HELITRIM POT #78PR  
 1.0MFD CAPACITORS ARE TANTALUM  
 E2 IS DEC74I3N

PARTS LIST A-PL-M302-0-0

| REVISIONS | CHK | CHG NO. | REV. | B    | C    | D | E    | F    | H    | J    | K    | L    |
|-----------|-----|---------|------|------|------|---|------|------|------|------|------|------|
|           |     |         |      | 6507 | 6719 |   | 6881 | 7077 | 0001 | 0002 | 0003 | 0004 |

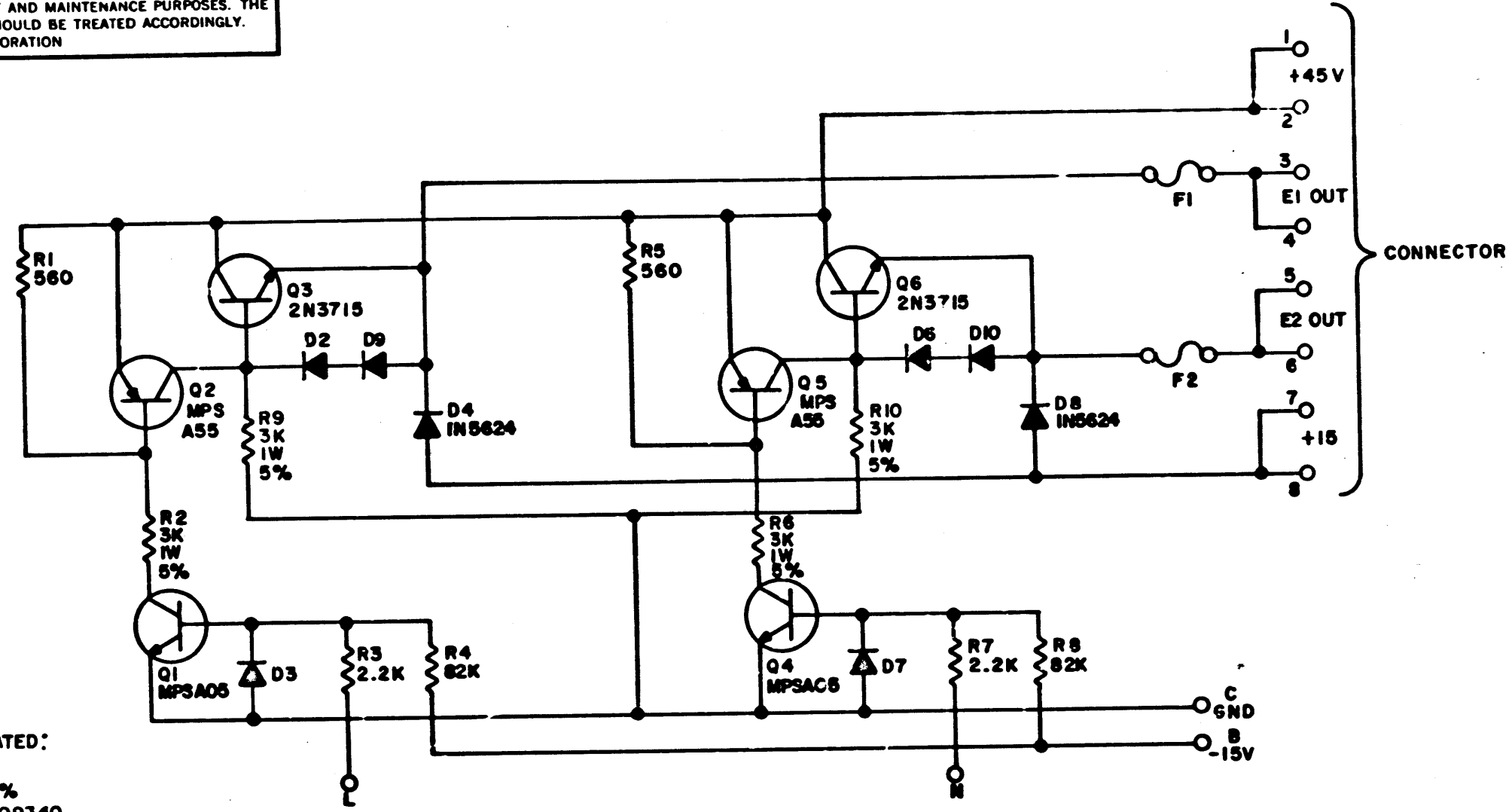
|                             |                 |
|-----------------------------|-----------------|
| DRN.<br><i>M. Haller</i>    | DATE<br>6-15-67 |
| CHK'D<br><i>[Signature]</i> | DATE<br>4/21/67 |
| ENG.<br><i>L. White</i>     | DATE<br>6/21/67 |
| PROD.<br>I                  | DATE            |

| TRANSISTOR & DIODE CONVERSION CHART |        |     |     |
|-------------------------------------|--------|-----|-----|
| DEC                                 | EIA    | DEC | EIA |
| 2N4274                              | SAME   |     |     |
| DEC3639B                            | 2N3639 |     |     |
| D662                                | IN645  |     |     |
| D664                                | IN3606 |     |     |

**digital**  
 EQUIPMENT CORPORATION  
 MAYNARD, MASSACHUSETTS

|                              |            |                    |           |
|------------------------------|------------|--------------------|-----------|
| TITLE<br>ONE SHOT DELAY M302 |            |                    |           |
| SIZE<br>B                    | CODE<br>CS | NUMBER<br>M302-0-1 | REV.<br>L |
| PRINTED CIRCUIT REV. L       |            |                    |           |

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UNLESS OTHERWISE INDICATED:  
 DIODES ARE D672  
 RESISTORS ARE 1/4W, 10%  
 CONNECTOR IS DEC #1209340  
 CONNECTOR PINS ARE DEC #1209456  
 F1, F2 ARE 5 AMP  
 NOTE: Q1, Q2, Q4, Q5 HAVE VARIED PACKAGES  
 DEPENDING ON SOURCE.

SEE DIAGRAM:  
 MOTOROLA: MPSA05  
 MPSA55  
 BOTTOM VIEW GE: GPSA05  
 GPSA55

| REV | NO    | REV   |
|-----|-------|-------|
| A   | 00002 | 00002 |
| B   | 00003 | 00003 |
| C   | 00004 | 00004 |
| D   | 00005 | 00005 |

|       |      |
|-------|------|
| DRN.  | DATE |
| CHK'D | DATE |
| ENG.  | DATE |
| PROD. | DATE |

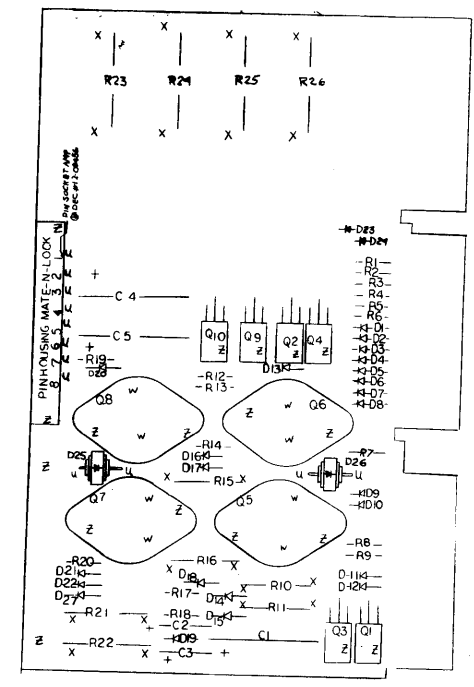
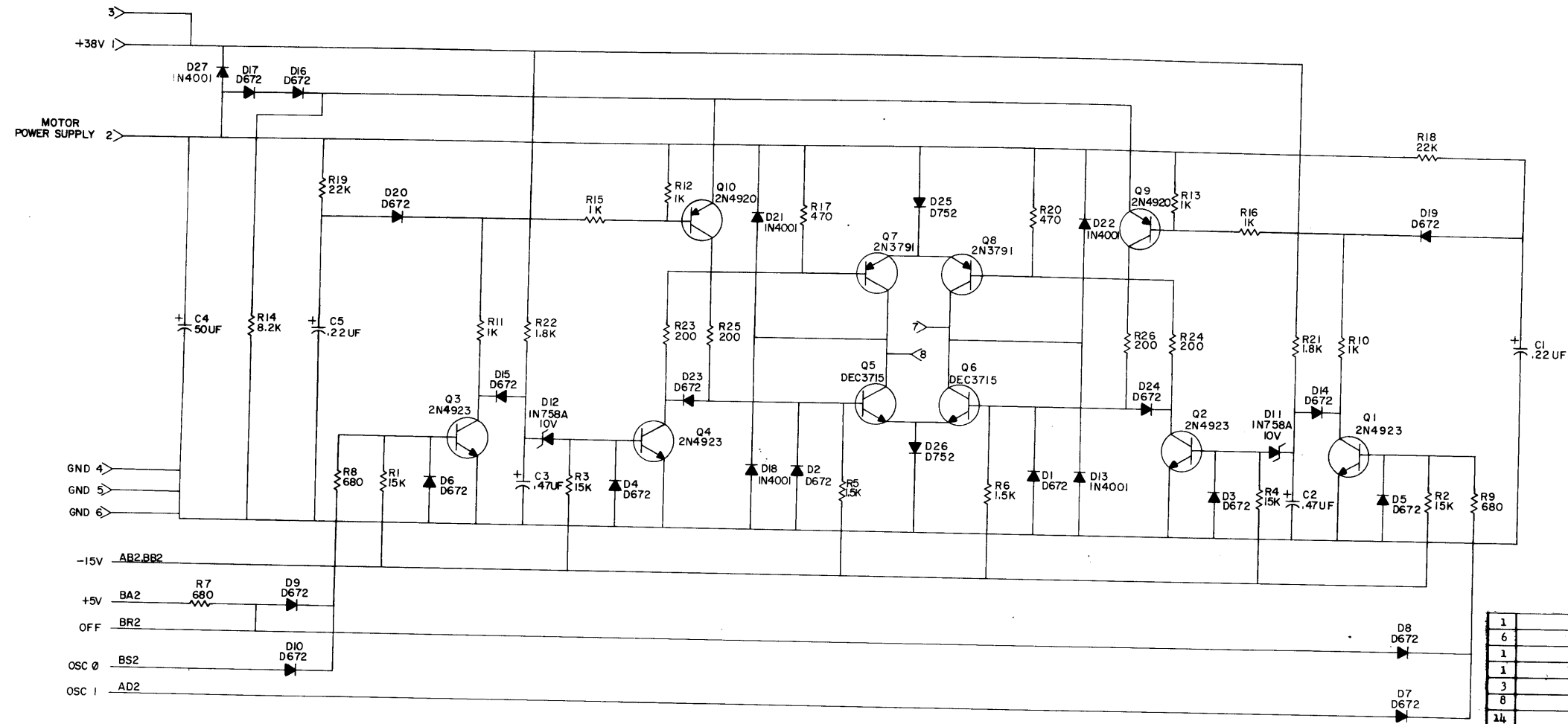
| TRANSISTOR & DIODE CONVERSION CHART |        |     |     |
|-------------------------------------|--------|-----|-----|
| DEC                                 | EIA    | DEC | EIA |
| D72                                 | IN3653 |     |     |
| 05                                  |        |     |     |
| 715                                 | NONE   |     |     |
| 15                                  |        |     |     |
| 4                                   | SAME   |     |     |

EQUIPMENT CORPORATION  
 MAYNARD, MASSACHUSETTS

|                                       |      |          |     |
|---------------------------------------|------|----------|-----|
| TITLE DUAL MOTOR VOLTAGE CONTROL G847 |      |          |     |
| SIZE                                  | CODE | NUMBER   | REV |
| B                                     | CS   | G847-0-1 | D   |
| PRINTED CIRCUIT REV.                  |      |          | E   |

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1-0-8989 SC D  
33001 325



| QTY. | REF. DESIGNATION               | DESCRIPTION                    | DEC PART NO.    | REV. |
|------|--------------------------------|--------------------------------|-----------------|------|
| 1    |                                | PINER SPACER 1/4 x 1/4 x #6    | 9007615         | 35   |
| 6    |                                | 4-40 HEXNUT                    | 9006556         | 35   |
| 1    |                                | NYLON HEXNUT #4                | 9007992         | 35   |
| 1    |                                | NYLON SCREW 4-40 x 1/2         | 9004602-4       | 35   |
| 3    |                                | HANDLE EYELET                  | 9004732         | 35   |
| 8    |                                | 4-40 KEYPIN                    | 9006557         | 35   |
| 14   |                                | 4-40 x 5/16" SCREW             | 9006010-4       | 35   |
| 1    |                                | HANDLE, FLIP CHIP - GREEN      | 9008337-01      | 35   |
| 2    | Q9, 10                         | TRANSISTOR 2N4920              | 1509605         | 27   |
| 4    | Q1, 2, 4, 3                    | TRANSISTOR 2N4923              | 1509604         | 27   |
| 2    | Q7, 8                          | TRANSISTOR 2N3791              | 1509581         | 25   |
| 2    | Q5, 6                          | TRANSISTOR DMC 3715            | 1503068         | 25   |
| 2    | R18, 19                        | RES. 22K 1/4W 5%               | 1301808         | 23   |
| 4    | R23, 24, 25, 26                | RES. 200 5/8W 5%               | 1309639         | 22   |
| 4    | R1, 2, 3, 4                    | RES. 15K 1/4W 5%               | 1300496         | 21   |
| 1    | R14                            | RES. 8.2K 1/4W 5%              | 1303179         | 20   |
| 2    | R21, 22                        | RES. 1.8K 2W 10%               | 1300402         | 19   |
| 2    | R5, 6                          | RES. 1.5K 1/4W 5%              | 1300391         | 18   |
| 4    | R10, 11, 15, 16                | RES. 1K 1W 5%                  | 1300368         | 17   |
| 2    | R12, 13                        | RES. 1K 1/4W 5%                | 1300365         | 16   |
| 3    | R7, 8, 9                       | RES. 680 1/4W 5%               | 1301424         | 15   |
| 2    | R17, 20                        | RES. 470 1/4W 5%               | 1300316         | 14   |
| 8    |                                | PIN, SOCKET                    | 1209456         | 13   |
| 1    |                                | PIN HOUSING                    | 1209440         | 12   |
| 2    | D11, 12                        | DIODE ZENER 1N758A 10V, .4W 5% | 1100125         | 11   |
| 2    | D25, 26                        | DIODE D752                     | 1110615         | 10   |
| 18   | D1- 10, 14- 17, 19, 20, 23, 24 | DIODE D672                     | 1105275         | 9    |
| 5    | D13, 18, 21, 22, 27            | DIODE 1N4001                   | 1102942         | 8    |
| 2    | C1, 5                          | CAP. 0.22UF 100V 10% MYLAR     | 1000037         | 7    |
| 2    | C2, 3                          | CAP. 0.47UF 35V 10% S.TANT     | 1005965         | 6    |
| 1    | C4                             | CAP. 50UF 50V -10+75% S.TANT   | 1000080         | 5    |
| 1    |                                | ETCHED CIRCUIT BOARD           | 5008522         | 4    |
|      |                                | MODULE ECO HISTORY             | B-MH-0818-0-6   | 3    |
|      |                                | ETCH BOARD, MOTOR CCNT         | EIA-5008322-0-0 | 2    |
|      |                                | X-Y COORDINATE HOLE LOCATION   | K-CO-0818-0-4   | 1    |
|      |                                | PARTS LIST                     | DEC PART NO.    | REV. |

| REVISIONS | DATE   | BY          | CHKD |
|-----------|--------|-------------|------|
| 1         | 2-2-69 | A. RITCEY   |      |
| 2         | 2-4-69 | R. TREMBLAY |      |
| 3         | 4-3-70 | ELUTTIG     |      |

| DATE   | BY          | CHKD | DATE   | BY          | CHKD |
|--------|-------------|------|--------|-------------|------|
| 2-2-69 | A. RITCEY   |      | 2-4-69 | R. TREMBLAY |      |
| 2-4-69 | R. TREMBLAY |      | 4-3-70 | ELUTTIG     |      |

**digital EQUIPMENT CORPORATION**

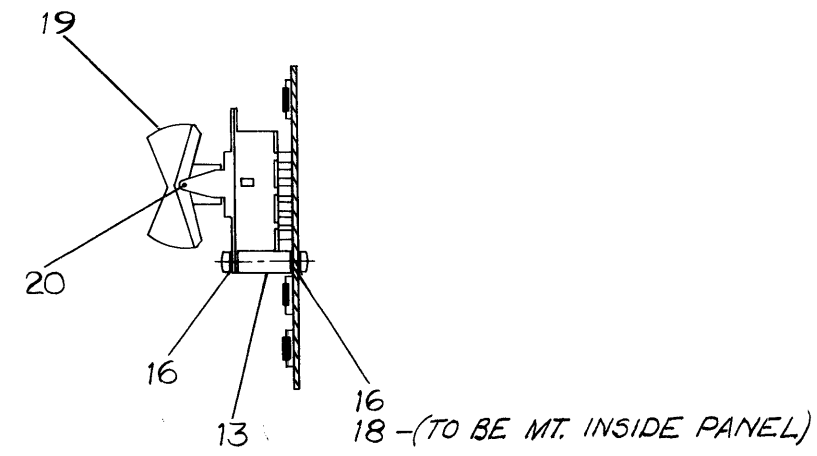
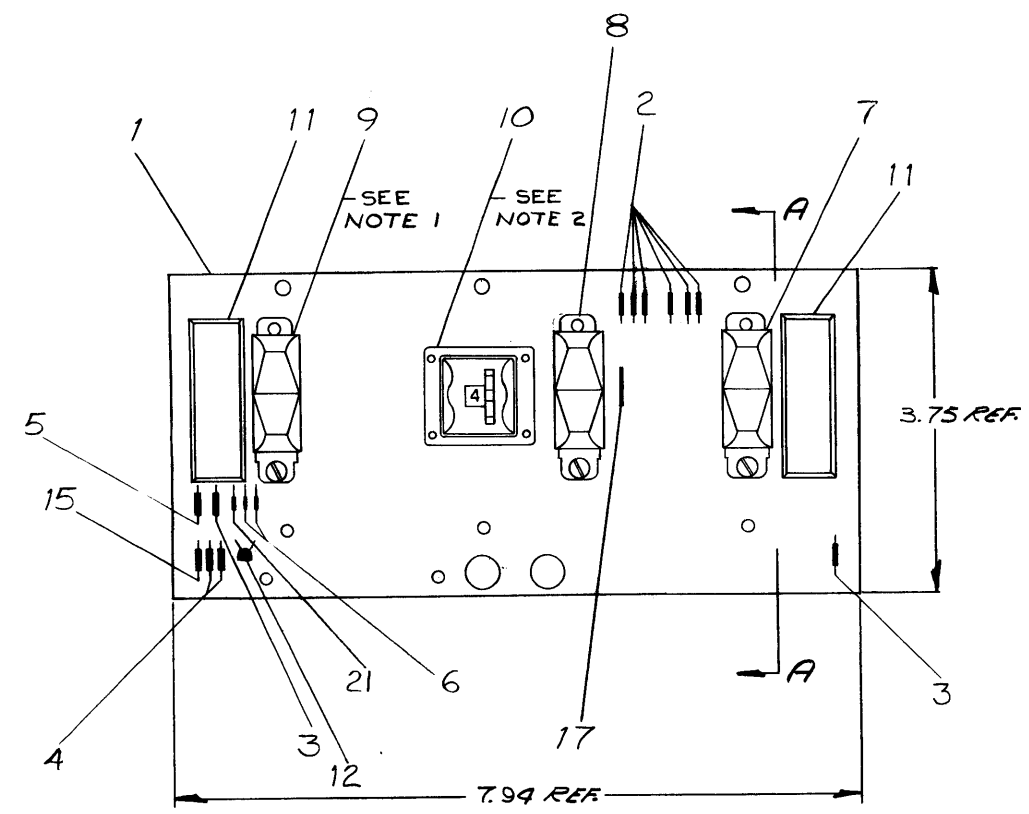
**MOTOR CONTROL**

SIZE D CODE CS NUMBER 6848-0-1 REV. J

PRINTED CIRCUIT REV. M

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- NOTES:
1. HAND DEGREASE ONLY-DO NOT VAPOR DEGREASE AS IT WILL CAUSE MALFUNCTION IN SWITCHES
  2. IN SOLDERING OPERATIONS DO NOT ALLOW FLUX OR CLEANING AGENT TO ENTER SWITCH



SECTION A-A

| REV. | CHG. NO.   | DATE | BY |
|------|------------|------|----|
| B    | TU56-00020 |      |    |
| A    | 4-3-70     |      |    |
| C    | 4/3/70     |      |    |
| D    | 4/3/70     |      |    |
| E    | 4/3/70     |      |    |
| F    | 4/3/70     |      |    |
| G    | 4/3/70     |      |    |
| H    | 4/3/70     |      |    |
| I    | 4/3/70     |      |    |

FIRST USED ON OPTION/MODEL  
TU56

**TOLERANCES**  
DECIMALS  
.XXX = ±.005  
.XX = ±.02  
.X = ±.1

DO NOT SCALE DRAWING  
UNLESS OTHERWISE SPECIFIED  
DIMENSION IN INCHES

TOLERANCES  
DECIMALS FRACTIONS ANGLES  
±.005 ±.001 ±.001 = 0°30'

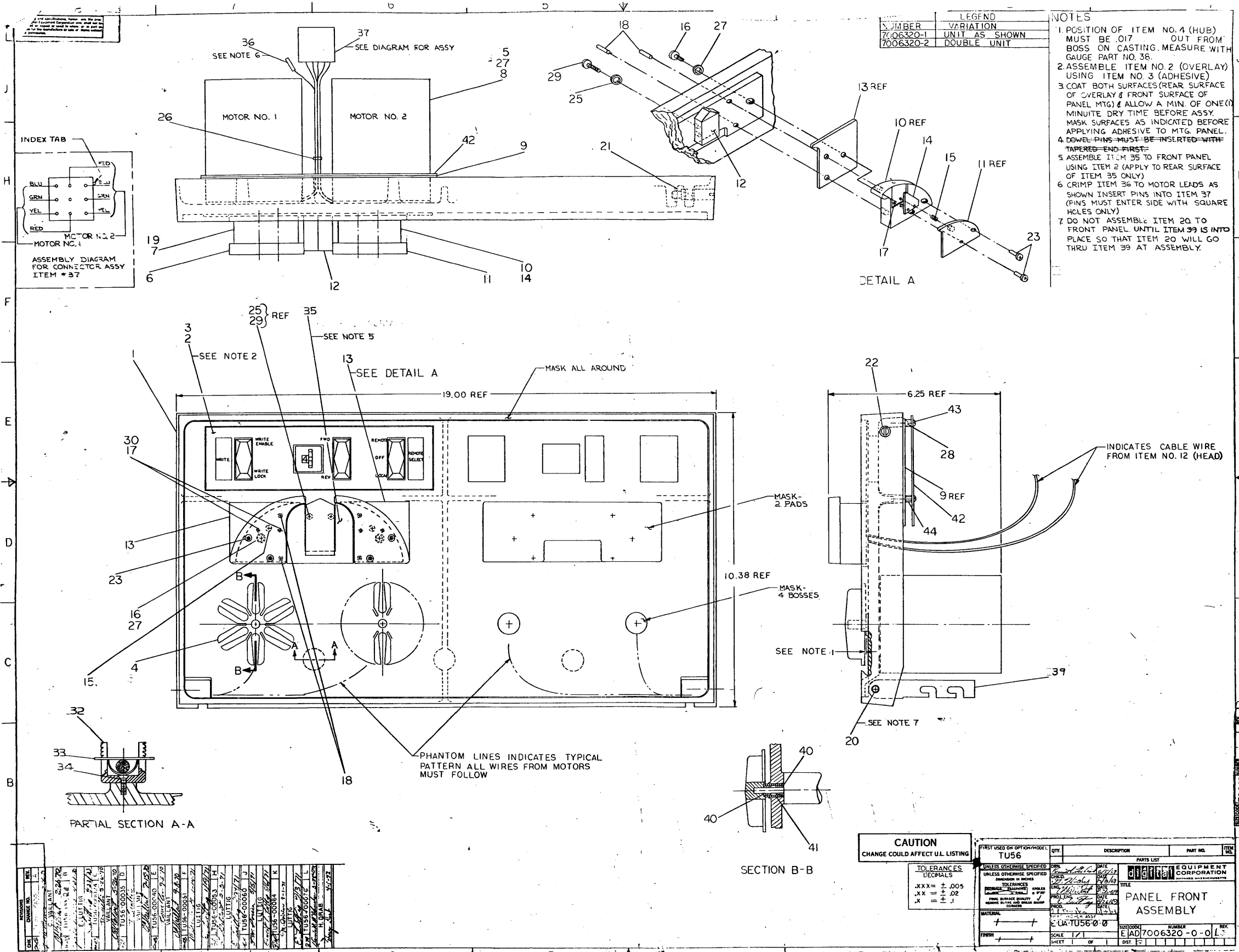
FINAL SURFACE QUALITY  
REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL  
FINISH

| QTY.             | DESCRIPTION    | PART NO.         | ITEM NO. |
|------------------|----------------|------------------|----------|
| PARTS LIST       |                |                  |          |
| DRN              | DATE           | DATE             | DATE     |
| CHK'D            | DATE           | DATE             | DATE     |
| ENG.             | DATE           | DATE             | DATE     |
| PROL. ENG.       | DATE           | DATE             | DATE     |
| PROB.            | DATE           | DATE             | DATE     |
| NEXT HIGHER ASSY |                | D-7A-7006222-0-0 |          |
| SCALE            | SIZE CODE      |                  | REV      |
| SHEET 1 OF 1     | DAD5408500-0-0 | D                |          |
| DIST. G          |                |                  |          |

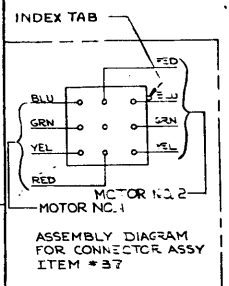
| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS<br><b>PARTS LIST</b> |                                   |   |  |                              | QTY/VAR                  |                       |                 |                  |
|--|-----------------------------------|---|--|------------------------------|--------------------------|-----------------------|-----------------|------------------|
| MADE BY <i>Paul J. Ingrassia</i>   |                                   | CHECKED <i>D. Wall</i>                            |  | SECTION                      |                          |                       |                 |                  |
| DATE <i>Oct 28, 1969</i>   |                                   | DATE <i>1-30-70</i>                               |  | <i>PC LAYOUT</i>             |                          |                       |                 |                  |
| ENG <i>E. Little</i>   |                                   | PROD <i>P. Schuman</i>                            |  | ISSUED SECT.                 |                          |                       |                 |                  |
| DATE <i>3-18-70</i>  |                                   | DATE <i>3/25/70</i>                               |  |                              |                          |                       |                 |                  |
| ITEM NO.   | DWG NO./PART NO.<br>CL BASIC VAR. | DESCRIPTION                                       |  |                              | UNIT COST                | UNIT QUANTITY         | QUANTITY ISSUED |                  |
| REF  | C-CS-5408500-0-1                  | CIRCUIT SCHEMATIC                                 |  |                              |                          |                       |                 |                  |
| REF  | K-CO-5408500-0-4                  | X-Y COORDINATE HOLE LOCATION                      |  |                              |                          |                       |                 |                  |
| REF  | D-AH-5408500-0-5                  | ASSY/DRILLING HOLE LAYOUT                         |  |                              |                          |                       |                 |                  |
| 1  | 5008499                           | ETCHED CKT. BD. TU56                              |  |                              |                          | 1                     |                 |                  |
| 2  | 1300386                           | RES. 1.2K, $\frac{1}{4}W$ , 10% C.C.              |  |                              |                          | 6                     |                 |                  |
| 3  | 1301421                           | RES. 15, $\frac{1}{4}W$ , 10%                     |  |                              |                          | 2                     |                 |                  |
| 4  | 1300490                           | RES. 12K, $\frac{1}{4}W$ , 10%                    |  |                              |                          | 2                     |                 |                  |
| 5  | 1302388                           | RES. 2K, $\frac{1}{4}W$ , 5%                      |  |                              |                          | 1                     |                 |                  |
| 6  | 1100114                           | DIODE D664  |  |                              |                          | 2                     |                 |                  |
| 7  | 1209614                           | SWITCH 3 POS. RS-38-FB PC                         |  |                              |                          | 1                     |                 |                  |
| 8  | 1209613                           | SWITCH 3 POS. RS-39-FB PC                         |  |                              |                          | 1                     |                 |                  |
| 9  | 1209612                           | SWITCH MINI RS-33-FB PC                           |  |                              |                          | 1                     |                 |                  |
| 10   | 1209617                           | SWITCH 8 POS THUMBWHEEL SWITCH                    |  |                              |                          | 1                     |                 |                  |
| 11   | 1209637                           | LIGHT   |  |                              |                          | 2                     |                 |                  |
| 12   | 1509338                           | TRANSISTOR ,MPS 6531                              |  |                              |                          | 1                     |                 |                  |
| 13   | 9008833                           | SPACER, 3/16 AF x 5/8 LG #4-40 AL                 |  |                              |                          | 3                     |                 |                  |
| <del>14</del>  | <del>9006020</del>                | <del>SCREW, 6-32 x <math>\frac{1}{4}</math></del> |  |                              |                          | <del>6</del>          |                 |                  |
| 15   | 1300432                           | RES. 3K, $\frac{1}{4}W$ , 5%                      |  |                              |                          | 1                     |                 |                  |
| 16   | 9006009-4                         | SCR SLOTTED HD #4-40 x 1/4 LG SST                 |  |                              |                          | 6                     |                 |                  |
| 17   | 9107560-01                        | #22 AWG BUS WIRE                                  |  |                              |                          | 1                     |                 |                  |
| TITLE<br>TU56 CONTROL BOARD  |                                   |   |  | ASSY NO.<br>D-AD-5408500-0-0 | SIZE CODE<br><b>A PL</b> | NUMBER<br>5408500-0-0 | REV.<br>D       | ECO NO.<br>00003 |
| SHEET 1 OF 2   |                                   |   |  | DIST. <i>324 434 425</i>     |                          |                       |                 |                  |

| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS<br><b>PARTS LIST</b> |                                   |                           |  |                              | QTY/VAR                  |                       |                 |                  |
|--|-----------------------------------|---------------------------|--|------------------------------|--------------------------|-----------------------|-----------------|------------------|
| MADE BY <i>Paul J. Ingrassia</i>   |                                   | CHECKED <i>D. Wall</i>    |  | SECTION                      |                          |                       |                 |                  |
| DATE <i>Oct. 28, 1969</i>  |                                   | DATE <i>1-30-70</i>       |  |                              |                          |                       |                 |                  |
| ENG <i>E. Little</i>   |                                   | PROD <i>P. Schuman</i>    |  | ISSUED SECT.                 |                          |                       |                 |                  |
| DATE <i>3-18-70</i>  |                                   | DATE <i>3/25/70</i>       |  |                              |                          |                       |                 |                  |
| ITEM NO.   | DWG NO./PART NO.<br>CL BASIC VAR. | DESCRIPTION               |  |                              | UNIT COST                | UNIT QUANTITY         | QUANTITY ISSUED |                  |
| 18   | 9006632                           | WASHER INT TOOTH #4       |  |                              |                          | 3                     |                 |                  |
| 19   | 1209711-01                        | BUTTON, ROCKER            |  |                              |                          | 3                     |                 |                  |
| 20   | 9008842                           | DOWEL PIN                 |  |                              |                          | 3                     |                 |                  |
| 21   | 1100121                           | DIODE IN748 3.9V 10% 40mw |  |                              |                          | 1                     |                 |                  |
| TITLE<br>SWITCH CONTROL PANEL (TU56)   |                                   |                           |  | ASSY NO.<br>D-AD-5408500-0-0 | SIZE CODE<br><b>A PL</b> | NUMBER<br>5408500-0-0 | REV.<br>D       | ECO NO.<br>00003 |
| SHEET 2 OF 2   |                                   |                           |  | DIST.                        |                          |                       |                 |                  |



| NUMBER    | VARIATION     |
|-----------|---------------|
| 7006320-1 | UNIT AS SHOWN |
| 7006320-2 | DOUBLE UNIT   |

- NOTES**
1. POSITION OF ITEM NO. 4 (HUB) MUST BE .017 OUT FROM BOSS ON CASTING. MEASURE WITH GAUGE PART NO. 38.
  2. ASSEMBLE ITEM NO. 2 (OVERLAY) USING ITEM NO. 3 (ADHESIVE)
  3. COAT BOTH SURFACES (REAR SURFACE OF OVERLAY & FRONT SURFACE OF PANEL MTG) & ALLOW A MIN. OF ONE (1) MINUTE DRY TIME BEFORE ASSY. MASK SURFACES AS INDICATED BEFORE APPLYING ADHESIVE TO MTG. PANEL.
  4. DOWEL PINS MUST BE INSERTED WITH TAPERED END FIRST.
  5. ASSEMBLE ITEM 35 TO FRONT PANEL USING ITEM 2 (APPLY TO REAR SURFACE OF ITEM 35 ONLY)
  6. CRIMP ITEM 36 TO MOTOR LEADS AS SHOWN. INSERT PINS INTO ITEM 37 (PINS MUST ENTER SIDE WITH SQUARE HOLES ONLY)
  7. DO NOT ASSEMBLE ITEM 20 TO FRONT PANEL UNTIL ITEM 39 IS INTO PLACE SO THAT ITEM 20 WILL GO THRU ITEM 39 AT ASSEMBLY.



**DETAIL A**

**PARTIAL SECTION A-A**

**SECTION B-B**

**CAUTION**  
CHANGE COULD AFFECT UL LISTING

**TOLERANCES DECIMALS**

|               |
|---------------|
| .XXX = ± .005 |
| .XX = ± .02   |
| .X = ± .1     |

| QTY. | DESCRIPTION           | PART NO. | ITEM NO. |
|------|-----------------------|----------|----------|
|      | PARTS LIST            |          |          |
|      | EQUIPMENT CORPORATION |          |          |
|      | TITLE                 |          |          |
|      | PANEL FRONT ASSEMBLY  |          |          |
|      | EUA-TU56-0-0          |          |          |
|      | SCALE                 | 1/1      |          |
|      | SHEET                 | OF       |          |
|      | DIST.                 |          |          |

| REV. | DESCRIPTION           | DATE     | BY                | CHKD.       |
|------|-----------------------|----------|-------------------|-------------|
| 1    | ISSUED FOR PRODUCTION | 10/15/68 | J. J. [Signature] | [Signature] |
| 2    | REVISION              | 11/15/68 | [Signature]       | [Signature] |
| 3    | REVISION              | 12/15/68 | [Signature]       | [Signature] |
| 4    | REVISION              | 1/15/69  | [Signature]       | [Signature] |
| 5    | REVISION              | 2/15/69  | [Signature]       | [Signature] |
| 6    | REVISION              | 3/15/69  | [Signature]       | [Signature] |
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| 8    | REVISION              | 5/15/69  | [Signature]       | [Signature] |
| 9    | REVISION              | 6/15/69  | [Signature]       | [Signature] |
| 10   | REVISION              | 7/15/69  | [Signature]       | [Signature] |
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| 12   | REVISION              | 9/15/69  | [Signature]       | [Signature] |
| 13   | REVISION              | 10/15/69 | [Signature]       | [Signature] |
| 14   | REVISION              | 11/15/69 | [Signature]       | [Signature] |
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| 40   | REVISION              | 1/15/72  | [Signature]       | [Signature] |
| 41   | REVISION              | 2/15/72  | [Signature]       | [Signature] |
| 42   | REVISION              | 3/15/72  | [Signature]       | [Signature] |
| 43   | REVISION              | 4/15/72  | [Signature]       | [Signature] |
| 44   | REVISION              | 5/15/72  | [Signature]       | [Signature] |



| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS<br><b>PARTS LIST</b> |                             |  |  | QUANTITY / VARIATION         |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
|--|-----------------------------|--|--|------------------------------|--|--------------------------|--------------|-----------------------|--|--|--|-----------|--|-----------------------|--|--|--|
| MADE BY KEN GULICK   |                             | CHECKED D. HEALY                         |  | SECTION                      |  | 7006320-1                | 7006320-2    |                       |  |  |  |           |  |                       |  |  |  |
| DATE 6/5/69  |                             | DATE 7/23/69                             |  | 1                            |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| ENG <i>Challant</i>  |                             | PROD <i>C.R. Thompson</i>                |  | ISSUED SECT.                 |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| DATE 8-26-69   |                             | DATE 8-26-69                             |  | 1                            |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| ITEM NO.   | DWG NO. / PART NO.          | DESCRIPTION                              |  |                              |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| 1  | E-MD-7407395-0-0            | PANEL MTG (TU56)                         |  |                              |  | 1                        | 1            |                       |  |  |  |           |  |                       |  |  |  |
| 2  | D-IA-7410968-0-0            | PANEL OVERLAY                            |  |                              |  | 1                        | 1            |                       |  |  |  |           |  |                       |  |  |  |
| 3  |                             | ADHESIVE SCOTCH GRIP SPRAY #77           |  |                              |  | A/RA/R                   |              |                       |  |  |  |           |  |                       |  |  |  |
| 4  | <del>C-IA-7407390-0-0</del> | HUB ASSY (6-PT CONTACT)                  |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 5  | 9006341                     | SCR SOC HD CAP 10 24 X 1/2 BLK PASS.     |  |                              |  | 8                        | 16           |                       |  |  |  |           |  |                       |  |  |  |
| 6  | C-MD-7407282-2-0            | COVER PLATE (L.H.)                       |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 7  | C-IA-7407283-2-0            | TAPE GUIDE (L.H.)                        |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 8  | 1209602                     | MOTOR, TORQUE                            |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 9  | D-IA-7006222-0-0            | SWITCH CONTROL PANEL ASS'Y               |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 10   | C-IA-7407283-1-0            | TAPE GUIDE (R.H.)                        |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 11   | C-MD-7407282-1-0            | COVER PLATE (R.H.)                       |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 12   | 1209691                     | HEAD ASSY                                |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 13   | C-MD-7405136-0-0            | REAR CHECK TAPE GUIDE                    |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 14   | B-MD-7405114-1-0            | WEAR PLATE (R.H.)                        |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 15   | 9007104                     | SPR #649-119N INST SPEC. CO.             |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 16   | 9006345                     | SCR SOC HD CAP #10-32 X 3/8 SST          |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 17   | <del>9008132</del>          | <del>DOWEL PIN 3/32 DIA X 7/16 LG</del>  |  |                              |  | <del>4</del>             | <del>8</del> |                       |  |  |  |           |  |                       |  |  |  |
| 18   | 9008131                     | DOWEL PIN 1/8 DIA X 7/8 LG               |  |                              |  | 4                        | 8            |                       |  |  |  |           |  |                       |  |  |  |
| 19   | B-MD-7405114-2-0            | WEAR PLATE (L.H.)                        |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 20   | 9008130                     | DOWEL PIN 1/4 DIA X 1 1/4                |  |                              |  | 2                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 21   | 90-07785                    | GRIP, EXT SER #5555-37 WALDES 3/8" SHAFT |  |                              |  | 2                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 22   | B-MD-7407400-0-0            | PIN, LOCK                                |  |                              |  | 2                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| TITLE<br>PANEL FRONT, ASSEMBLY   |                             |  |  | ASSY NO.<br>E-AD-7006320-0-0 |  | SIZE CODE<br><b>A PL</b> |              | NUMBER<br>7006320-0-0 |  |  |  | REV.<br>L |  | ECO NO.<br>TU56-00064 |  |  |  |
|  |                             |  |  | SHEET 1 OF 2                 |  | DIST. C                  |              |                       |  |  |  |           |  |                       |  |  |  |

| DIGITAL EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS<br><b>PARTS LIST</b> |                             |   |  | QUANTITY / VARIATION         |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
|--|-----------------------------|---|--|------------------------------|--|--------------------------|--------------|-----------------------|--|--|--|-----------|--|-----------------------|--|--|--|
| MADE BY KEN GULICK   |                             | CHECKED D. HEALY                            |  | SECTION                      |  | 7006320-1                | 7006320-2    |                       |  |  |  |           |  |                       |  |  |  |
| DATE 6/5/69  |                             | DATE 7/25/69                                |  | 1                            |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| ENG <i>Challant</i>  |                             | PROD <i>C.R. Thompson</i>                   |  | ISSUED SECT.                 |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| DATE 8-26-69   |                             | DATE 8-26-69                                |  | 1                            |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| ITEM NO.   | DWG NO. / PART NO.          | DESCRIPTION                                 |  |                              |  |                          |              |                       |  |  |  |           |  |                       |  |  |  |
| 23   | 9006331                     | SCR SOC HD CAP 6-32 X 5/8 LG BLK PASS.      |  |                              |  | 4                        | 8            |                       |  |  |  |           |  |                       |  |  |  |
| 24   | <del>C-MD-7405136-1-0</del> | <del>REAR CHECK TAPE GUIDE L.H.</del>       |  |                              |  | <del>2</del>             | <del>2</del> |                       |  |  |  |           |  |                       |  |  |  |
| 25   | 9006632                     | WASH INT TOOTH #4                           |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 26   | 9007032                     | TIE WRAP #SST-2-B PANDUIT                   |  |                              |  | A/RA/R                   |              |                       |  |  |  |           |  |                       |  |  |  |
| 27   | 9007651                     | WASH EXT TOOTH #10 HOLE                     |  |                              |  | 10                       | 20           |                       |  |  |  |           |  |                       |  |  |  |
| 28   | 9006022-1                   | SCR, PH HD PAN #6-32 X 3/8 SST              |  |                              |  | 4                        | 8            |                       |  |  |  |           |  |                       |  |  |  |
| 29   | 9006014-1                   | SCR PH HD PAN #4-40 X 5/8 LG SST            |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 30   | <del>9008136</del>          | <del>GRIP RING EXT SERIES G 5555-9S</del>   |  |                              |  | <del>4</del>             | <del>8</del> |                       |  |  |  |           |  |                       |  |  |  |
| 31   | <del>9006311</del>          | <del>HEX SOC SET SCR #10-32 X 1/4 SST</del> |  |                              |  | <del>4</del>             | <del>8</del> |                       |  |  |  |           |  |                       |  |  |  |
| 32   | 90-07772-9                  | CLAMP, CABLE BASE                           |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 33   | 90-07772-10                 | CLAMP, CABLE TOP                            |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 34   | 90-06037-2                  | SCREW FLAT HEAD #8-32 x 3/8 Lg SST          |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 35   | C-IA-7408008-0-0            | FILLER PLATE                                |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 36   | 1209379                     | PIN, CONNECTOR                              |  |                              |  | 8                        | 16           |                       |  |  |  |           |  |                       |  |  |  |
| 37   | 1209350-09                  | HOUSING, CONNECTOR                          |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 38   | C-IA-7408010-0-0            | GAUGE, HUB                                  |  |                              |  | A/RA/R                   |              |                       |  |  |  |           |  |                       |  |  |  |
| 39   | <del>3-MD-1209830</del>     | ARM, PANEL SUPPORT                          |  |                              |  | 2                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 40   | 1209926                     | BUSHING, OIL IMPREGNATED BRONZE             |  |                              |  | 4                        | 8            |                       |  |  |  |           |  |                       |  |  |  |
| 41   | 1209917                     | SPRING, COMPRESSION                         |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 42   | C-MD-7408287-0-0            | GUARD PLATE                                 |  |                              |  | 1                        | 2            |                       |  |  |  |           |  |                       |  |  |  |
| 43   | 90-06024-1                  | SCR, PH HD PAN #6-32 x 1/2 SST              |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| 44   | 90-06793                    | SPACER 3/16AF X 3/16LG #6 HOLE AL           |  |                              |  | 2                        | 4            |                       |  |  |  |           |  |                       |  |  |  |
| TITLE<br>PANEL FRONT ASSEMBLY  |                             |   |  | ASSY NO.<br>E-AD-7006320-0-0 |  | SIZE CODE<br><b>A PL</b> |              | NUMBER<br>7006320-0-0 |  |  |  | REV.<br>L |  | ECO NO.<br>TU56-00064 |  |  |  |
|  |                             |   |  | SHEET 2 OF 2                 |  | DIST. G                  |              |                       |  |  |  |           |  |                       |  |  |  |