SECTION 1

MODULES

4000282 - Outline Drawing
1000292
2000614 - 16K x 8/450 RAM
1000305
2000307 - Motherboard
1000340
2000342 - CPU
1000343
2000345 - Front Panel Control
1000351
2000353 - Monitor
NOTES:

1. MATERIAL: .060 INK, 105 COPPER CLAD, NATURAL EPOXY GLASS (TYPE 9413 LAMINATED PLATING THICK).  
2. HOLE SIZES SPECIFIED ARE AFTER PLATING .003 TOLERANCE.  
3. APPLY SOLDER MASK OVER SOLDER PLATE USING MATERIAL: MECO MASK GREEN.  
4. HOLE SIZES SPECIFIED ARE AFTER PLATING .003 TOLERANCE.  
5. CONTACT FINGERS ARE OVERPLATED WITH A MINIMUM OF 50 MILIONS TOLDO STAINLESS STEEL  
6. SRC FROM CIRCUIT SIDE.  
7. TRACES WIDTH MUST BE WITHIN .006 OF NETWORK NEGATIVES.  
8. APPLY SOLDER MASK ON COMPONENT SIDE AFTER SOLDER MASK IS APPLIED USING WHITE EPOXY INK.
NOTE: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY NO. IS 1000340-01

2. MARK DASH NO. IN POSITION SHOWN.
NOTE: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY NO. 1000351 - XX
   MARKED PART NO. IN POSITION SHOWN
   AS IS USED FOR 16-BIT APPLICATIONS ONLY.
SECTION 2

HARNESS AND CABLE ASSEMBLIES

4000376 \} - Monitor Harness
2000377

4000915 - Teletype Cable Assembly
NOTES:
UNLESS OTHERWISE SPECIFIED.
1. ASSY NO IS 4000057-01.
2. MARK ASSY NO & REV LETTER IN
   BOARD APPARENTLY WHERE SHOWN.
3. INSTALL TERM W/LS BETWEEN WUT
   AND TERMINAL OF SNAP ASSY ITEM 43
   AS SHOWN.
4. STRIP BOTH CORDS OF WIRE 1-33, 33-50,
   63-115, 115-63, AND 50-63, WITH TONGUE.
   IF SOLDER TO TERMINAL LS (ITEM 43)
   AS SHOWN.
5. INSTALL WIRE WRAPS AS NEEDED APPREL
   AND SHOWN.
6. ONLY PARTIAL LENGTH OF BUMBLE SHOWN.
SECTION 3

MAJOR ASSEMBLIES

4000370 - FRONT PANEL
4000374 - FRONT PANEL CABLE & DISPLAY
4000389 - REAR PANEL ASSEMBLY
3000390 - REAR PANEL
4000442 - CHASSIS
NOTE: UNLESS OTHERWISE SPECIFIED
1. PART NUMBER IS 4600374-01.
2. MARK PN AND REV LETTER ON ITEM II WHERE SHOWN.
3. WORKMANSHIP TO CONFORM TO M33 STD - GAWS - DOB.
SECTION 4

SYSTEM POWER

4000379 - Power Supply (5V)
4000380 - Power Supply (-10 ± 12V)
2000404 - AC/DC Power Distribution
1. ELECTRICAL SPECIFICATIONS
   1.1. AC INPUT:
   115-230 VAC 50-60Hz, field selectable.
   1.2. DC INPUT
   +6 VDC
   MAX LOAD 35 A
   LINE REGULATION ±0.01% FOR A ±10% INPUT VARIATION.
   LOAD REGULATION ±0.01% FROM NO LOAD TO MAX LOAD.
   MAX RISE Times 10.5 MAX IP.
   TRANSIENT RESPONSE: 70% REC. IN 10MS FOR A 10% LOAD CHANGE.
   OVERVOLTAGE PROTECTION: 150V to 60V RELATIVE 
   VACUUM JUNCTION
   MINIMUM EFFICIENCY 45%
   1.3. ENVIRONMENT
   TEMPERATURE: FULL RATING APPLIES IN 0°C TO 40°C NOVAC, 
   HUMIDITY: 70% MAX RELATIVE WITH NO COOLING.
   WEIGHT: 85 LBS MAX.
   1.4. LIFE EXPECTANCY: 10 YEARS

2. MECHANICAL SPECIFICATIONS
   2.1. INSTALL WEATHERPROOF TUBING WHERE SHOWN.
   2.2. IDENTIFY HARDNESS "HP" AS SHOWN.
   2.3. INSTALL TIE CLIPS WHERE SHOWN.
   2.4. 2.00 DIAM HOLES BEHIND CAPACITORS AS SHOWN (3 PLACES).
   2.5. ADD WIRE TO BE 20 AWG.
   2.6. INSTALL JUMPERS TO CONFORM TO M2 STD. 0.005" GAP.

NOTES:
- UNLESS OTHERWISE SPECIFIED.
- PIN 1 IS 0.005" LEFT OF CENTER OF PIN 2.
- INSTALL STAMP "SB" 0.005" LTR IN POSITION SHOWN USING CONTRASTING INK.
- CHARACTERS TO BE 0.10" HIGH.
- FOR PROCUREMENT SEE "1960-00039-00".

THIN AREA = 10% CLEAR.

 diagrams and illustrations