```
:ASM

                  0900 *APPLE IIE ROM PATCH FOR BREAKING INTO DEBUGGER
                  0950 *PART 2: THIS ROUTINE REPLACES THE SELF-TEST
                  0960 *ROM CODE AND STARTS AT $C600.
                  0961 *WHEN INVOKED THE USER CAN
                  0962 *PRESS EITHER ESC OR SPC.
                  0963 *ESC-GO DIRECTLY TO MONITOR
                  0964 *SPC-COPY MEMORY LOCATIONS $0000-$08FF
                  0965 *    TO $2000-$2FFF THEN JUMP TO MONITOR
                  0966 * ANY OTHER KEY - PROCEED NORMALLY
                  0970 *CALLED FROM $FECD WHEN RESET IS PRESSED
                  0980 *THANKS TO THE COMPUTIST MAGAZINE (ISSUE #6)
                  0981 *AND KRAKOWITZ TEXT FILES FOR THE INSPIRATION
003C-             0985 A1L      .EQ $003C    LSB ADDRESS
003D-             0986 A1H      .EQ $003D    MSB ADDRESS
003E-             0987 A2L      .EQ $003E    LSB OF ADDRESS 2
003F-             0988 A2H      .EQ $003F    MSB OF ADDRESS 2
0042-             0989 A4L      .EQ $0042    LSB OF ADDRESS 4
0043-             0990 A4H      .EQ $0043    MSB OF ADDRESS 4
FE2C-             0991 MONMOVE  .EQ $FE2C    MONITOR MOVE ROUTINE
FC58-             0992 HME      .EQ $FC58    CLEARS TEXT SCREEN
FB2F-             0993 TXT      .EQ $FB2F    SELECTS TEXT SCREEN
FECD-             1001 MONEXIT  .EQ $FECD    PART 3 AND TAPE WRITE SECTION
C000-             1002 KEYBD    .EQ $C000    KEYBOARD
FF03-             1003 NORMAL   .EQ $FF03    EXIT LOCATION IN PART 1
                  1005          .OR $C600    LOCATE IN SELF-TEST SECTION OF MEM
                  1007          .TA $800
C600- AD 00 C0    1010 START    LDA KEYBD    LOOK AT KEYBOARD
C603- 10 FB       1020          BPL START    KEEP READING UNTIL A KEY PRESSED
C605- C9 A0       1025          CMP #$A0     WAS SPC PRESSED?
C607- F0 07       1030          BEQ CPY      YES, START MEM COPY
C609- C9 9B       1035          CMP #$9B     WAS ESC PRESSED?
C60B- F0 3C       1037          BEQ END      YES, JUMP STRAIGHT TO MONITOR
C60D- 4C 03 FF    1040          JMP NORMAL   BACK TO PART 1 FOR PASSTHROUGH
C610- 8D 02 29    1042 CPY      STA $2902    SAVE REGISTERS
C613- 8E 03 29    1043          STX $2903
C616- 8C 04 29    1044          STY $2904
C619- BA          1050          TSX
C61A- 8E 01 29    1060          STX $2901
C61D- A0 00       1062          LDY #0       START WITH BYTE 0
C61F- B9 00 00    1064 SAVE1    LDA 0,Y      GET A ZERO PAGE BYTE
C622- 99 00 20    1066          STA $2000,Y  SAVE IT
C625- B9 00 01    1090          LDA $100,Y   GET A STACK BYTE
C628- 99 00 21    1100          STA $2100,Y  SAVE IT
C62B- C8          1110          INY
C62C- D0 F1       1120          BNE SAVE1    IF NOT DONE, MOVE ANOTHER BYTE
C62E- 84 3C       1125          STY A1L      MSB FROM ADDRESS IS 0
C630- 84 42       1130          STY A4L      MSB OF THE TO ADDRESS IS 0
C632- 84 3E       1135          STY A2L      MOVE CODE THROUGH $900
C634- A9 09       1140          LDA #9
C636- 85 3F       1145          STA A2H
C638- A9 02       1150          LDA #2       MOVE CODE STARTING AT $200
C63A- 85 3D       1155          STA A1H
C63C- A9 22       1160          LDA #$22     MOVE CODE INTO PAGE 22
C63E- 85 43       1165          STA A4H
C640- 20 2C FE    1170          JSR MONMOVE
C643- 20 2F FB    1175          JSR TXT
C646- 20 58 FC    1180          JSR HME
C649- 4C CD FE    1220 END      JMP MONEXIT  JUMP TO PART 3 AND EXIT TO MON
                  1230          .EN


SYMBOL TABLE
```

```
003D- A1H
003C- A1L
003F- A2H
003E- A2L
0043- A4H
0042- A4L
C610- CPY
C649- END
FC58- HME
C000- KEYBD
FECD- MONEXIT
FE2C- MONMOVE
FF03- NORMAL
C61F- SAVE1
C600- START
FB2F- TXT

0000 ERRORS IN ASSEMBLY
:PR#0
```