

```

C96D:08      116      DFB $08      ;B: BS
C96E:0A      117      DFB $0A      ;C: LF
C96F:1F      118      DFB $1F      ;D: US
C970:1D      119      DFB $1D      ;E: GS
C971:0B      120      DFB $0B      ;F: VT
C972:9F      121      DFB $1F+$80    ;I: US (STAY ESC)
C973:88      122      DFB $08+$80    ;J: BS (STAY ESC)
C974:9C      123      DFB $1C+$80    ;K: FS (STAY ESC)
C975:8A      124      DFB $0A+$80    ;L: MF (STAY ESC)
C976:11      125      DFB $11      ;4 :DC1
C977:12      126      DFB $12      ;8 :DC2
C978:88      127      DFB $08+$80    ;<: BS (STAY ESC)
C979:8A      128      DFB $0A+$80    ;DN:LF (STAY ESC)
C97A:9F      129      DFB $1F+$80    ;UP:US (STAY ESC)
C97B:9C      130      DFB $1C+$80    ;>:FS (STAY ESC)
C97C:        131 *
C97C:        132      MSB OFF      ;high bit already masked
C97C:        133      EQU *
C97C:        134      ESCTAB
C97D:41      135      ASC 'A'      ;HANDLE OLD ESCAPES
C97E:42      136      ASC 'B'
C97F:43      137      ASC 'C'
C980:44      138      ASC 'D'
C981:45      139      ASC 'E'
C982:46      140      ASC 'F'
C983:49      141      ASC 'I'
C984:4A      142      ASC 'J'
C985:4B      143      ASC 'K'
C986:4D      144      ASC 'M'
C987:34      145      ASC '4'
C988:38      146      ASC '8'
C989:08      147      DFB $08      ;LEFT ARROW
C98A:0A      148      DFB $0A      ;DOWN ARROW
C98B:0B      149      DFB $0B      ;UP ARROW
C98C:15      150      DFB $15      ;RITE ARROW
C98D:        151      ESCNUM EQU *-ESCTAB
C98D:        152      MSB ON
C98D:        153 *
C98D:        154 * Tack on diag 128K test here
C98D:        155 *
C98D:2C 13 C0 156      STAX BIT RDRAMRD ;aux done yet?
C990:30 11 C9A3 157      BMI XSTAX ;=>yes, exit
C992:A9 EE      158      LDA #SEE ;get test pattern
C994:8D 05 C0 159      STA WRCARDRAM ;write AUX RAM
C997:8D 03 C0 160      STA RDCARDRAM ;read AUX RAM
C99A:8D 00 0C 161      STA $C00 ;test this byte
C99D:8D 00 08 162      STA $800 ;and this is 1K off
C9AD:CD 00 0C 163      CMP $C00 ;has $C00 been updated?
C9A3:60      164      XSTAX RTS ;check in main diags.
C9A4:        165 *
C9A4:        166 * ESCOUT used by ESCFIX in $C1 page
C9A4:        167 *
C9A4:        168      MSB ON
C9A4:CA CB CD C9 169      ESCOUT ASC 'JKMI' ;The arrows

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C9A8:        170      MSB OFF
C9A8:        26      INCLUDE PASCAL
C9A8:        1      *****
C9A8:        2 * PASCAL 1.0 OUTPUT HOOK:
C9A8:        3      *****
C9A8:        4      DS CBORG+$1AA-*,0
C9AA:        0002 5      IFNE *-CBORG-$1AA
C9AA:        0000 6      FAIL 2,'C9AA HOOK ALIGNMENT'
C9AA:        7      FIN
C9AA:AD 7B 06 8      LDA CHAR ;GET OUTPUT CHARACTER
C9AD:4C 56 C3 9      JMP JPWRITE ;=>USE STANDARD WRITE
C9B0:        10      *****
C9B0:        11 *
C9B0:        12      *****
C9B0:        13 * PASCAL INITIALIZATION:
C9B0:        14 * Disable printing of mouse text
C9B0:        15      *****
C9B0:        16      PINIT1.0 EQU *
C9B0:A9 83 17      LDA #M.PASCAL+M.PAS1.0+M.MOUSE
C9B2:D0 02 18      BNE PINIT2 ;=>always
C9B4:        19      PINIT EQU *
C9B4:A9 81 20      LDA #M.PASCAL+M.MOUSE ;SAY WE'RE
C9B6:        21 *
C9B6:        22      PINIT2 EQU *
C9B6:48 23      PHA ;save version ID
C9B7:        24 *
C9B7:        25 * SEE IF THE CARD'S PLUGGED IN:
C9B7:        26 *
C9B7:20 90 CA 27      JSR TESTCARD ;IS IT THERE?
C9BA:F0 04 C9C0 28      BEQ PIGOOD ;=>YES
C9BC:68 29      PLA ;discard ID byte
C9BD:A2 09 30      LDX #9 ;IORESULT='NO DEVICE'
C9BF:60 31      RTS
C9C0:        32 *
C9C0:        33      PIGOOD EQU *
C9C0:68 34      PLA ;get version ID
C9C1:8D FB 04 35      STA MODE ;and save it
C9C4:8D 01 C0 36      STA SET80COL ;ENABLE 80 STORE
C9C7:8D 0D C0 37      STA SET80VID ;AND 80 VIDEO
C9CA:8D 0F C0 38      STA SETALTCHAR ;NORM+INV LCASE
C9CD:20 D4 CE 39      JSR PSETUP ;set window and cursor
C9D0:20 90 CC 40      JSR X_FF ;HOME & CLEAR IT
C9D3:4C 1F CA 41      JMP DOBASL ;fix OLBASL/N, display cursor, exit
C9D6:        42      *****
C9D6:        43 * PASCAL INPUT:
C9D6:        44 *
C9D6:        45 * Character always returned with high bit clear.
C9D6:        46 *
C9D6:        47      *****
C9D6:        48      PREAD EQU *
C9D6:20 D4 CE 49      JSR PSETUP ;SETUP ZP STUFF
C9D9:20 3B C8 50      JSR GETKEY ;GET A KEYSTROKE
C9DC:29 7F 51      AND #$7F ;DROP HI BIT
C9DE:8D 7B 06 52      STA CHAR ;SAVE THE CHAR

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