

HP-41C Control HP82905B Printer by John Dearing  
PPC Calculator Journal V10 N1 P44 Jan-Feb 1983  
Uses HP-IL and Extended Functions/Memory module

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01 LBL "PW" ;Print Width Selection
02 27
03 XROM 29,02 ;ACCHR
04 38
05 XROM 29,02 ;ACCHR
06 107
07 XROM 29,02 ;ACCHR
08 R^
09 48
10 +
11 XROM 29,02 ;ACCHR
12 83
13 XROM 29,02 ;ACCHR
14 RTN
15 LBL "PSL" ;Printer Select
16 "HP82905" ;Printer Identifier
17 XROM 28,28 ;FINDID
18 XROM 28,39 ;SELECT
19 RTN
20 LBL "FF" ;Form Feed
21 12
22 XROM 29,02 ;ACCHR
23 RTN
24 LBL "CR" ;Carriage Return
25 13
26 XROM 29,03 ;ACCOL
27 RTN
28 LBL "AU" ;ALPHA Underline
29 XROM 29,01 ;ACA
30 13
31 XROM 29,03 ;ACCOL
32 XROM 25,01 ;ALENG
33 95
34 LBL 00
35 XROM 29,02 ;ACCHR
36 DSE Y
37 GTO 00
38 ADV
39 RTN
40 LBL "AR" ;Accumulate Repeated Character
41 LBL 01
42 XROM 29,02 ;ACCHR
43 DSE Y
44 GTO 01
45 RTN
46 LBL "BZ" ;Sound the Buzzer
47 7
48 XROM 29,02 ;ACCHR
49 RTN
50 LBL "SO" ;Shift Out to Enable Alternate Character Set
51 14
52 XROM 29,02 ;ACCHR
53 RTN
54 LBL "SI" ;Shift In to Restore Standard Character Set
55 15
56 XROM 29,02 ;ACCHR
57 RTN
58 LBL "AV" ;Advance Paper by X Lines
59 LBL 02
60 ADV
61 DSE X
62 GTO 02
63 RTN
64 LBL "TL" ;Set Text Length
65 27
66 XROM 29,02 ;ACCHR
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67 38
68 XROM 29,02 ;ACCHR
69 108
70 XROM 29,02 ;ACCHR
71 R^
72 FIX 0
73 CF 29
74 CLA
75 ARCL X
76 XROM 29,01 ;ACA
77 FIX 2
78 SF 29
79 70
80 XROM 29,02 ;ACCHR
81 RTN
82 LBL "PL" ;Set Logical Page Length
83 27
84 XROM 29,02 ;ACCHR
85 38
86 XROM 29,02 ;ACCHR
87 108
88 XROM 29,02 ;ACCHR
89 R^
90 FIX 0
91 CF 29
92 CLA
93 ARCL X
94 XROM 29,01 ;ACA
95 FIX 2
96 SF 29
97 80
98 XROM 29,02 ;ACCHR
99 RTN
100 LBL "SP" ;Skip Perforation
101 CF 14
102 1
103 X=Y?
104 SF 14
105 27
106 XROM 29,02 ;ACCHR
107 38
108 XROM 29,02 ;ACCHR
109 108
110 XROM 29,02 ;ACCHR
111 FS? 14
112 49
113 FC?C 14
114 48
115 XROM 29,02 ;ACCHR
116 76
117 XROM 29,02 ;ACCHR
118 RTN
119 LBL "VL" ;Set Vertical Linespacing
120 27
121 XROM 29,02 ;ACCHR
122 38
123 XROM 29,02 ;ACCHR
124 108
125 XROM 29,02 ;ACCHR
126 R^
127 FIX 0
128 CF 29
129 CLA
130 ARCL X
131 XROM 29,01 ;ACA
132 FIX 2
133 SF 29
134 68
135 XROM 29,02 ;ACCHR
136 RTN
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137 LBL "BAR" ;Print a Bar Across Paper
138 1
139 XEQ "PW" ;Print Width Selection (Line 1)
140 72
141 XEQ "VL" ;Set Vertical Linespacing (Line 119)
142 "-----" ;10 dashes
143 6
144 LBL 03
145 XROM 29,01 ;ACA
146 XROM 29,01 ;ACA
147 XROM 29,01 ;ACA
148 XROM 29,01 ;ACA
149 ADV
150 DSE X
151 GTO 03
152 0
153 XEQ "PW" ;Print Width Selection (Line 1)
154 6
155 XEQ "VL" ;Set Vertical Linespacing (Line 119)
156 ADV
157 RTN
158 LBL "GM" ;Set Graphics Mode
159 27
160 XROM 29,02 ;ACCHR
161 42
162 XROM 29,02 ;ACCHR
163 98
164 XROM 29,02 ;ACCHR
165 R^
166 FIX 0
167 CF 29
168 CLA
169 ARCL X
170 XROM 29,01 ;ACA
171 FIX 2
172 SF 29
173 71
174 XROM 29,02 ;ACCHR
175 RDN
176 RTN
177 LBL "GD" ;Graphics Divider
178 LBL 04
179 XROM 29,02 ;ACCHR
180 DSE Y
181 GTO 04
182 ADV
183 END

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A7421813A74285C000F40050534CF748503832393035A71CA7
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1711A7427585C000F300474405A7429772B5008FC0000D95

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421 BYTES

# HP-41C Control HP82905B by John Dearing PPC V10 N1 P44 Jan-Feb 1983

Program Registers Needed: 61

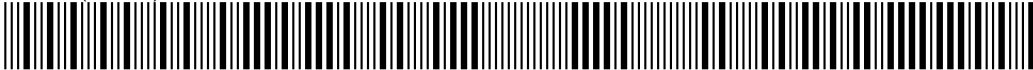
Row 1 (1 - 5)



Row 2 (5 - 12)



Row 3 (12 - 16)



Row 4 (16 - 20)



Row 5 (20 - 24)



Row 6 (24 - 28)



Row 7 (29 - 35)



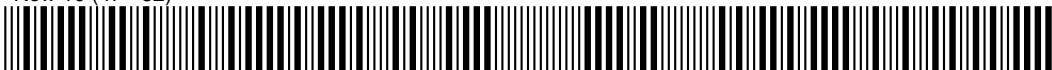
Row 8 (36 - 41)



Row 9 (42 - 46)



Row 10 (47 - 52)



Row 11 (52 - 57)



Row 12 (58 - 63)



Row 13 (64 - 68)



Row 14 (68 - 75)



Row 15 (75 - 82)



Row 16 (82 - 86)



# HP-41C Control HP82905B by John Dearing PPC V10 N1 P44 Jan-Feb 1983

Row 17 (87 - 93)



Row 18 (94 - 100)



Row 19 (100 - 106)



Row 20 (106 - 112)



Row 21 (112 - 119)



Row 22 (119 - 123)



Row 23 (124 - 130)



Row 24 (131 - 137)



Row 25 (137 - 141)



Row 26 (141 - 142)



Row 27 (142 - 150)



Row 28 (150 - 155)



Row 29 (156 - 161)



Row 30 (161 - 168)



Row 31 (169 - 175)



Row 32 (176 - 181)



Row 33 (181 - 183)

