

HP-41C Photo Log Program by Turner F. Morgan
PPC Calculator Journal V9 N4 P40 May-Jul 1982
HP-41C & 41CV require Extended Functions/Mem.

```
01 LBL 13      ;Remove Old Log File by Name
02 CLA
03 ARCL IND 00
04 XROM 25,31 ;PURFL
05 CLX
06 STO IND 00
07 ISG 00
08 GTO 14
09 STOP
10 LBL "LOG"   ;Photographer's Log Program
11 13
12 XROM 25,30 ;PSIZE
13 CLX
14 XROM 25,46 ;X<>F
15 CLST
16 CLRG
17 FIX 0
18 SF 27      ;USER Mode Flag
19 CF 29      ;Digit Grouping Flag
20 CF 23      ;Alpha Entry Flag
21 "AUTO FL PRG?"
22 AON
23 STOP
24 AOFF
25 FS?C 23    ;Alpha Entry Flag
26 SF 04
27 LBL C      ;Enter Information about Roll
28 LBL 15
29 " TEXT ?"
30 AON
31 STOP
32 AOFF
33 FS?C 23    ;Alpha Entry Flag
34 SF 00
35 "ROLL "
36 35
37 xROM 25,47 ;XTOA
38 ">" ?"     ;Append 1 space, question mark
39 PROMPT
40 STO 00
41 "ROLL"
42 ARCL 00
43 ASTO IND 00
44 CLA
45 35
46 XROM 25,47 ;XTOA
47 ">" EXPOSURES"
48 PROMPT
49 STO 12
50 FS? 00
51 2
52 FC? 00
53 1
54 *
55 2
56 +
57 ENTER
58 ENTER
59 24
60 *
61 +
62 1
63 +
64 7
65 /
66 .4
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67 +
68 RND
69 CLA
70 ARCL IND 00
71 XROM 25,10 ;CRFLAS
72 >" DATA"
73 XROM 25,04 ;APPREC
74 "    DATE ?"
75 AON
76 STOP
77 AOFF
78 XROM 25,04 ;APPREC
79 "FILM TYPE ?"
80 AON
81 STOP
82 AOFF
83 XROM 25,04 ;APPREC
84 "FILM SPEED ?"
85 PROMPT
86 "  ASA  "
87 ARCL X
88 XROM 25,03 ;APPCHR
89 1 E-3
90 ST* 12
91 1
92 ST+ 12
93 LBL 06
94 RCL 12
95 ENTER
96 LOG
97 INT
98 X=0?
99 "FRAME "
100 X#0?
101 "FRAME"
102 ARCL Y
103 >": "      ;Append 1 colon, 1 space
104 PROMPT
105 XROM 25,04 ;APPREC
106 "SHUTTER SPD?"
107 CF 23      ;Alpha Entry Flag
108 PROMPT
109 FS?C 23    ;Alpha Entry Flag
110 GTO 00
111 "1/"
112 ARCL X
113 LBL 00
114 FS? 48     ;ALPHA Flag
115 AOFF
116 >" "      ;Append 1 space
117 64
118 XROM 25,47 ;XTOA
119 XROM 25,03 ;APPCHR
120 "APERTURE ?"
121 PROMPT
122 " F/"
123 FIX 1
124 ARCL X
125 XROM 25,03 ;APPCHR
126 FIX 0
127 FC? 00
128 GTO 00
129 LBL 04
130 CF 23      ;Alpha Entry Flag
131 "FRAME"
132 ARCL 12
133 >" TEXT"
134 AON
135 STOP
136 AOFF

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137 FS?C 23      ;Alpha Entry Flag
138 XROM 25,03  ;APPREC
139 LBL 00
140 CLA
141 ISG 12
142 GTO 06
143 LBL 05
144 CF 23        ;Alpha Entry Flag
145 " NEW ROLL ?"
146 AON
147 STOP
148 AOFF
149 FS?C 23      ;Alpha Entry Flag
150 GTO 15
151 OFF
152 LBL A        ;Display/Print Information
153 1.011
154 STO 00
155 LBL 14
156 ADV
157 SF 12        ;Double Width Printing Flag
158 SF 21        ;Printer Enable Flag
159 LBL 12
160 CLA
161 CLX
162 ARCL IND 00
163 SF 25        ;Error Ignore Flag
164 XROM 25,43  ;SEEKPTA
165 FC?C 25     ;Error Ignore Fflag
166 GTO 00
167 GTO 01
168 LBL 00
169 STO IND 00
170 ISG 00
171 GTO 12
172 XROM 25,14  ;EMDIR
173 CLD
174 STOP
175 GTO 05
176 LBL 01
177 SF 25        ;Error Ignore Flag
178 XROM 25,20  ;GETREC
179 FC?C 25
180 GTO 00
181 FS? 55       ;Printer Existence Flag
182 XROM 29,08  ;PRA
183 CF 12        ;Single Width Printing
184 FC? 55      ;Printer Existence Flag
185 AVIEW
186 GTO 01
187 LBL 00
188 FS? 04
189 GTO 13
190 CF 23        ;Alpha Entry Flag
191 "PRGE "
192 ARCL IND 00
193 ">?"        ;Append 1 question mark
194 AON
195 STOP
196 AOFF
197 FS? 23       ;Alpha Entry Flag
198 GTO 13
199 ISG 00
200 GTO 14
201 STOP
202 GTO 05
203 LBL B        ;Add More Text to a Record
204 " ADDED TEXT"
205 AON
206 STOP

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207 AOFF
208 XROM 25,03 ;APPCHR
209 RCL 12
210 INT
211 LASTX
212 FRC
213 1 E3
214 *
215 X>Y?
216 GTO 06
217 X<=Y?
218 GTO 05
219 END

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```

01FA0E879B80A65F7791809600BF0084C000F4004C4F471113
A65E77A66E738A9C00A81BA91DA917FC4155544F20464C2050
52473F8C848BAA17A804CF68CF0FF920202054455854203F8C
848BAA17A800F5524F4C4C201315A66FF37F203F8E30F4524F
4C4C9B009A80871315A66FFB7F204558504F53555245538E3C
AC0012AD0011421240838312144240114017431A14406E879B
80A64AF67F2044415441A644F920202044415445203F8C848B
A644FB46494C4D2054595045203F8C848BA644FC46494C4D20
5350454544203F8EF62020415341209B73A643111B1C13940C
11920C072C83566867F64652414D452063F54652414D459B72
F37F3A208EA644FC53485554544552205350443FA9178EAA17
B100F2312F9B7301AC308BF27F201614A66FA643FA41504552
54555245203F8EF320462F9C019B73A6439C00AD00B10005A9
17F54652414D459B0CF67F20544558548C848BAA17A6440187
960CB70006A917FB204E455720524F4C4C203F8C848BAA17D0
000F8DCF66111A101111300F8FA80CA8150D87779B80A819A6
6BAB19B100B2000191809600BD00A64E7F84B60002A819A654
AB19B100AC37A748A90CAD377EB20001AC04BE00A917F55052
4745209B80F27F3F8C848BAC17BE009600BF0084B600CF67FB
20414444454420544558548C848BA6432C687669111B134245
B70046B600C0000DB8

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506 BYTES

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Program Registers Needed: 73

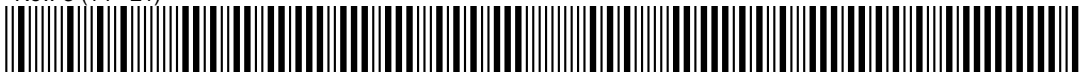
Row 1 (1 - 8)



Row 2 (9 - 13)



Row 3 (14 - 21)



Row 4 (21 - 22)



Row 5 (23 - 29)



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Row 6 (29 - 34)



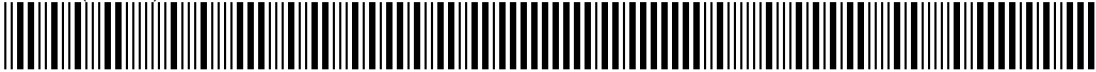
Row 7 (34 - 38)



Row 8 (38 - 43)



Row 9 (44 - 47)



Row 10 (47 - 54)



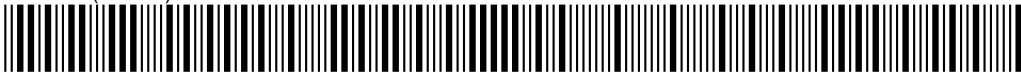
Row 11 (55 - 66)



Row 12 (66 - 72)



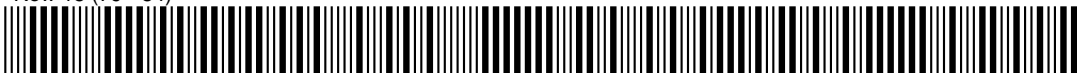
Row 13 (72 - 74)



Row 14 (74 - 79)



Row 15 (79 - 84)



Row 16 (84 - 86)



Row 17 (86 - 89)



Row 18 (90 - 99)



Row 19 (99 - 102)



Row 20 (102 - 106)



Row 21 (106 - 109)



Row 22 (110 - 116)



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Row 23 (116 - 120)



Row 24 (120 - 124)



Row 25 (124 - 131)



Row 26 (131 - 133)



Row 27 (133 - 142)



Row 28 (142 - 145)



Row 29 (145 - 152)



Row 30 (152 - 158)



Row 31 (159 - 166)



Row 32 (167 - 174)



Row 33 (175 - 181)



Row 34 (182 - 189)



Row 35 (189 - 193)



Row 36 (193 - 201)



Row 37 (202 - 204)



Row 38 (204 - 213)



Row 39 (213 - 219)

