

HP-41C Histogram Demo Program by Ronald N. Gordon
PPC Calculator Journal Vol 7 No 2 P5 Feb-Mar 1980

```
01 LBL "DEMO" ;Histogram Printing Demonstration
02 10.1
03 STO 01
04 LBL 01
05 RCL 01
06 10
07 /
08 LOG
09 167
10 *
11 1
12 +
13 INT
14 XEQ "ACHIST" ;AC Histogram (see below)
15 XROM 29,10 ;PRBUF
16 ISG 01
17 GTO 01
18 RTN
19 END
```

002CC000F50044454D4F11101A113102211110435611161742
1140681EF6414348495354A74A9601B20085C0000DF5

44 BYTES

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```
01 LBL "ACHIST" ;AC Histogram
02 X=0?
03 RTN
04 7
05 X<=Y?
06 GTO 05
07 CLX
08 127
09 GTO 03
10 LBL 05
11 -
12 7
13 /
14 INT
15 X<0?
16 GTO 02
17 X=0?
18 GTO 02
19 31
20 LBL 01
21 XROM 29,02 ;ACCHR
22 DSE Y
23 GTO 01
24 LBL 02
25 LASTX
26 7
27 *
28 .5
29 +
30 7
31 MOD
32 INT
33 7
34 +
35 127
36 LBL 03
37 XROM 29,03 ;ACCOL
38 DSE Y
39 GTO 03
40 RTN
41 END
```

0044C000F70041434849535467851746B60077111217B40006
4117436866B30067B300131102A7429772B200037617421A15
40174B68174011121704A7439772B40085C0000DBA

68 BYTES

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Program Registers Needed: 7

Row 1 (1 - 3)



Row 2 (4 - 13)



Row 3 (14 - 17)



Row 4 (17 - 19)



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Program Registers Needed: 10

Row 1 (1 - 4)



Row 2 (5 - 13)



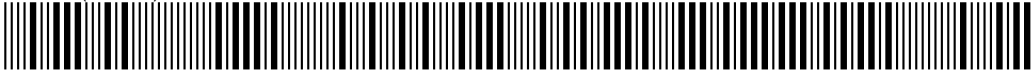
Row 3 (14 - 22)



Row 4 (22 - 32)



Row 5 (33 - 40)



Row 6 (41)

