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1 REM ***          HOLDRASZALLAS          ***
2 REM * PRIMO-EZERMESTER 1984 DECEMBER *
3 REM ***          AA & AT                ***
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5 CLS
6 INPUT"IRJA BE A NEVET ! (MAX TIZ BETU)";A$
7 X=LEN(A$)/2
11 CLS
12 PRINTCHR$(2): PRINT$3,0,"**  HOLDRASZALLAS  **"
14 PRINT$6,1,"  A Z  U R H A J O"
15 PRINT$8,2,"  PARANCSNOKA:"
16 PRINT$10,17-X,A$
17 PRINT$13,10,"A P O L L O"
20 PRINTCHR$(6):FOR T=0T01000:NEXT:PRINT$3,0,"          ";CHR$(22)
34 FOR I=0 T080
35 A$=INKEY$
36 IF A$=CHR$(13) THEN 66
37 NEXT
64 GOTO12
66 CLS:PRINTCHR$(1):PRINT"Kezdetben az urhajo sulya:16000 Kg"
70 PRINT"          az uzemanyag sulya: 8250 Kg"
74 PRINT
75 PRINT"Beallithato az uzemanyag egetesi se-"
76 PRINT"bessege a kovetkezo hatarak kozott:"
80 PRINTTAB(10)"0 kg/sec =szabadeses"
85 PRINTTAB(8)"100 kg/sec =maximalis fekezes"
89 PRINT"=====
90 PRINTCHR$(2)"BEAVATKOZAS MINDEN":PRINT"  10. MP-BEN":PRINTCHR$(1)
91 PRINT$11,0,"=====
92 PRINT$13,0,"HA ELOLVASTAD NYOMJ MEG EGY GOMBOT"
102 IFINKEY$=""THEN92
120 L=0
130 CLS: PRINT"sec      km      km/h      maradek      felhaszn"
131 FOR I1=0T040:PRINT"="";NEXT I1
132 PRINT
140 A=120:V=1:M=33000:N=16500:G=1E-3:Z=1.8
150 IF L/10>13 THEN 151 ELSE 153
151 PRINT$0,0,CHR$(6)"sec      km      km/h      maradek      felhaszn":PRINTSTRING$(41
,61)CHR$(22)
152 PRINT$14,0,:PRINTCHR$(22)USING"###  ###.##  +####.#  #####  ### ";L,INT
(160.9*A)/100,3600*V*1.609,(M-N)*.5,:INPUTK:GOTO154
153 PRINTUSING"###  ###.##  +####.#  #####  ### " ;L,INT(160.9*A)/100,360
0*V*1.609,(M-N)*.5,:INPUT K
154 T=10
159 K=2*K
160 IF M-N<.001 THEN 240
170 IF T<.001 THEN 150
180 S=T:IF M>=N+S*K THEN 200
190 S=(M-N)/K
200 GOSUB420:IF I<=0 THEN 340
210 IF V<=0 THEN 230
220 IF J<0 THEN 370
230 GOSUB330:GOTO160
240 PRINT:PRINT:PRINT" Az uzemanyag elfogyott a";L;"-ik mp- ben":FOR I=0T04000:N
EXT
241 S=(-V+SQR(V*V+A*G*2))/G
250 V=V+G*S:L=L+S
260 W=3600*V
261 CLS: PRINT:PRINT: PRINT"Holdat ert a";L;"-ik mp-ben"
262 PRINT:PRINT"Sebessege:";W;"km/h"
270 IF W>=36 THEN281
271 PRINT: IF W<=25 THEN PRINTCHR$(2)"Tokeletes leszallas !":PRINTCHR$(1):GOTO45
0 ELSE 435
281 PRINT:PRINTCHR$(2)"Lezuhant ! !          Mindenki meghalt ! !":PRINTCHR$(1)
282 GOTO450
320 GOTO450
330 L=L+S:T=T-S:M=M-S*K:A=I:V=J:RETURN
340 IF S<SE-3 THEN 260
350 D=V+SQR(V*V+2*A*(G-Z*K/M)):S=2*A/D
360 GOSUB420:GOSUB330:GOTO340
370 W=(1-M*G/(Z*K))/2:S=M*V/(Z*K*(W+SQR(W*W+V/Z)))+.05:GOSUB420
380 IF I<=0 THEN 340
390 GOSUB330:IF J>0 THEN 160
400 IF V>0 THEN 370
410 GOTO160
420 Q=S*K/M:J=V+G*S+Z*(-Q-Q*Q/2-Q^3/3-Q^4/4-Q^5/5)
430 I=A-G*S*S/2-V*S+Z*S*(Q/2+Q^2/6+Q^3/12+Q^4/20+Q^5/30):RETURN
435 PRINT"MEG EPPEN ELFOGADHATO DE JOBBAN IGYEKEZZ ! "
440 PRINT:PRINT"PROBALJA MEG UJRA!":PRINT
450 INPUT"AKARSZ MEG EGYET JATSZANI (I/N)?";N$
451 IF N$="I" OR N$="i"THEN 5
452 PRINT:PRINT"          KOSZONOM A JATEKOT !"
453 END
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