

```
10 MODE 1:INK 0,0:INK 1,12:INK 2,0:I
NK 3,0:BORDER 0:PAPER 0:GRAPHICS PEN
1
20 DEFINT a-z:DIM u(135,2):DIM m(33,
4):DIM k$(135):DIM t(30):DIM j(30)
30 FOR k=1 TO 32:READ t1,t2,t3:m(k,1
)=t1:m(k,2)=t2:m(k,3)=t3:NEXT
40 k=1:EVERY 15,1 GOSUB 1970
50 ENT 1,5,2,1,5,-1,1
60 MOVE 128,272
70 READ a,b:DRAW a,b:IF b<>32 THEN 7
0
80 MOVE 512,272
90 READ a,b:DRAW a,b:IF b<>32 THEN 9
0
100 READ a,b:MOVE a,b:FILL 1:IF b<>9
1 THEN 100
110 GRAPHICS PEN 3:FOR n=1 TO 9
120 READ a,b,c:MOVE a,b
130 READ a,b:DRAW a,b:IF b<>c THEN 1
30
140 NEXT
150 FOR n=1 TO 12:READ a,b,c,d:MOVE
a,b:DRAW c,d:NEXT
160 FOR n=1 TO 23:READ a,b:MOVE a,b:
FILL 2:NEXT
170 INK 1,12:INK 2,20:INK 3,6:BORDER
0:PEN 2
180 IF ww$="." THEN LOCATE 18,16:PRI
NT jug$
190 IF ww$="," THEN LOCATE 15,16:PRI
NT "Keke Amsberg"
```

```
200 CLEAR INPUT:WHILE INKEY$=""
210 FOR p=3 TO 6:PEN p
220 FOR n=1 TO 25:LOCATE 1,n:PRINT"G
P-3":LOCATE 37,n:PRINT"GP-3":NEXT
230 NEXT
240 WEND
250 IF jug$(">") THEN 280
260 SYMBOL AFTER 226
270 FOR n=226 TO 254:READ n1,n2,n3,n
4,n5,n6,n7,n8:SYMBOL n,n1,n2,n3,n4,n
5,n6,n7,n8:NEXT
280 x$=CHR$(128)+CHR$(248)+CHR$(128)
+CHR$(254)+CHR$(128)+CHR$(247)
290 y$=CHR$(235)+CHR$(236)+CHR$(237)
+CHR$(238)+CHR$(239)+CHR$(240)+CHR$(
241)
300 tv$=" ":FOR n=226 TO 234:tv$=t
v$+CHR$(n):NEXT
310 IF jug$(">") THEN RETURN
320 CLS:SPEED INK 30,30:BORDER 1,0:I
NK 0,0:INK 1,0:INK 2,0:INK 3,0:PAPER
0:GRAPHICS PEN 2
330 READ a,b,c,d:IF a=0 THEN 350 ELS
E MOVE a,b
340 READ a,b:DRAW a,b:IF a<>c OR b<
>d THEN 340 ELSE 330
350 FOR n=1 TO 3:READ a,b,c,d:MOVE a
,b:DRAW c,d:NEXT
360 FOR nn=1 TO 4
370 FOR n=1 TO 3:READ a,b:MOVE a,b:F
ILL n:NEXT
380 NEXT
```

```
390 FOR nn=1 TO 6
400 FOR n=2 TO 3:READ a,b:MOVE a,b:F
ILL n:NEXT
410 NEXT
420 INK 1,1:INK 2,2:INK 3,11:BORDER
1
430 WINDOW #1,2,39,19,21:PAPER#1,2:P
EN#1,0:CLS#1
440 WINDOW #2,1,40,24,25:PAPER#2,1:P
EN#2,3
450 LOCATE #1,3,2:PRINT#1,"G R A
N D P R I X 3"
460 PRINT#2,"I N S T R U C C I O N E
S ( s / n ) ?":CLEAR INPUT
470 t$=INKEY$:IF t$="" THEN 470
480 re=REMAIN(1):t$=UPPER$(t$):IF t$
=""$ THEN zz=1
490 INK 0,10:INK 1,24:INK 2,0:INK 3,
6:PAPER 0:BORDER 10:GRAPHICS PEN 1
500 WINDOW 1,40,18,25:CLS
510 IF zz<>1 THEN 580
520 PRINT" El Campeonato del Mu
ndo de bolidosAMSTRAD se celebra en
tres circuitos,correspondientes a
otros tantos GrandesPremios.":GOSU
B 700
530 PRINT" El actual campeon es
Keke Amsberg,pilotando un AMSTRAD 6
T-Turbo (amarillo)y el piloto con
trincante debera ganarlos 3 Grandes
Premios para ser el nuevocampeon.":
GOSUB 700
```

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540 PRINT" Para ello, dispone
del ultimo mo-delo de AMSTRAD: el AM
STRAD GTX-inyectt, que consigue una m
ayor velocidad puntaque el GT-Turb
o de K. Amsberg.":GOSUB 700
550 PRINT" El aspirante lleva
herramientas en su bolido para p
oder reparar cual-quier averia produ
cida por un accidente, sin tener qu
e parar en BOXES, pero solo en 3 ocasi
ones.":GOSUB 700
560 PRINT" Un cuarto golpe , s
in haber reco-gido mas herramienta
s en BOXES seria fatal para las amb
iciones del aspirante.":GOSUB 700
570 PRINT" Sin embargo , la p
arada en Boxes dispone al aspirante
GTX-i para poder realizar otras 3 n
uevas reparaciones.":GOSUB 700
580 PRINT:PRINT"Nombre del piloto (
max. 4) : ";PEN 1:INPUT jug$:PRINT
CHR$(7):IF LEN(jug$)>3 THEN jug$=LEF
T$(jug$,4):GOTO 600
590 FOR n=LEN(jug$) TO 3:jug$=jug$+C
HR$(128):NEXT
600 PEN 2:LOCATE 1,4:PRINT"Circuito
? (Pulsa
)"
610 PEN 1:LOCATE 19,4:PRINT"1 - 2 -
3"
620 p$=INKEY$:IF p$="" THEN 620
630 k=ASC(p$)-48:IF k<1 OR k>3 THEN
620
640 PRINT CHR$(7):LOCATE 31,4:PRINT
k:CLEAR INPUT
650 PRINT:INPUT"A cuentas vueltas la
carrera ";i:PRINT CHR$(7)
660 CLEAR INPUT
670 PEN 2:PRINT:PRINT" Nivel ? Tur
bo Rapido Normal"
680 PEN 1:FOR n=1 TO 3:LOCATE 10*n-1
,8:PRINT n;NEXT
690 GOTO 730

```

```

700 PEN 1:LOCATE 12,6:PRINT"-- PULSA
TECLA --":PEN 2
710 WHILE INKEY$="" :WEND
720 PRINT CHR$(7):CLS:RETURN
730 t$=INKEY$:IF t$="" THEN 730
740 ni=VAL(t$):o=8+k-ni:IF o<6 OR o>
10 THEN 730 ELSE PRINT CHR$(7)
750 MODE 1:INK 0,10:INK 1,10:INK 2,0
:INK 3,10:PAPER 0:BORDER 6,0:GRAPHIC
S PEN 1
760 j=-1:g=0:t=0:h=0:p=0:e=0:z=250:u
=16:v=23:s=0:tj=0:tg=0
770 ON k GOTO 780,880,830
780 cc=14:dd=368:ee=66:ff=320:q=20:r
=21:lo$="1'060":lo=1060
790 w1=30:w2=37:w3=11:w4=15:w5=12:w6
=26:w7=1:w8=1
800 w9=35:w10=40:w11=17:w12=24:w13=3
4:w14=40:w15=2:w16=9
810 w17=18:w18=24:w19=21:w20=21:w21=
38:w22=40
820 RESTORE 3030:GOTO 950
830 cc=14:dd=128:ee=66:ff=80:q=20:r=
21:lo$="1'090":lo=1090
840 w1=16:w2=23:w3=14:w4=18:w5=14:w6
=27:w7=1:w8=1
850 w9=1:w10=6:w11=8:w12=15:w13=34:w
14=40:w15=8:w16=15
860 w17=18:w18=24:w19=21:w20=21:w21=
24:w22=26
870 RESTORE 3320:GOTO 950
880 aa=14:bb=256:cc=66:dd=272:ee=498
:ff=34:q=34:r=24:lo$="1'350":lo=1350
890 w1=7:w2=14:w3=16:w4=20:w5=11:w6=
29:w7=1:w8=1
900 w9=19:w10=24:w11=11:w12=18:w13=2
6:w14=32:w15=11:w16=18
910 w17=32:w18=39:w19=24:w20=24:w21=
15:w22=17
920 RESTORE 2780
930 MOVE aa,bb
940 READ a,b:DRAW a,b:IF a<>aa OR b<

```

```

>bb THEN 940
950 MOVE cc,dd
960 READ a,b:DRAW a,b:IF a<>cc OR b<
>dd THEN 960
970 MOVE ee,ff
980 READ a,b:DRAW a,b:IF a<>ee OR b<
>ff THEN 980
990 READ a,b:MOVE a,b:FILL 3:IF a<>6
38 THEN 990
1000 READ a,b,c:MOVE a,b
1010 FOR n=1 TO c:DRAWR 0,8:MOVER 0,
4:NEXT
1020 INK 1,24:INK 3,6
1030 WINDOW#1,w1,w2,w3,w4:PAPER#1,2:
PEN#1,1:CLS#1
1040 WINDOW#2,w5,w6,w7,w8:PAPER#2,1:
PEN#2,2
1050 WINDOW#3,w9,w10,w11,w12:PAPER#3
,2:PEN#3,0:CLS#3
1060 WINDOW#4,w13,w14,w15,w16:PAPER#
4,2:PEN#4,1:CLS#4
1070 WINDOW#5,w17,w18,w19,w20:PAPER#
5,2:PEN#5,0:CLS#5
1080 WINDOW#6,1,40,1,24:PAPER#6,0:PE
N#6,1
1090 WINDOW#7,w21,w22,w3,w4:PAPER#7,
0:PEN#7,2:CLS#7
1100 LOCATE#1,1,2:PRINT#1,"K.A. - 0"
1110 LOCATE#1,1,4:PRINT#1,jug$;" - 0"
1120 MOVE 16*w9,368-16*w11:DRAWR 64,
0:DRAWR 0,-48:DRAWR -64,0:DRAWR 0,48
1130 LOCATE#5,2,1:PRINT#5,"BOXES"
1140 BORDER 6:PEN 2:LOCATE 16,24:PRI
NT CHR$(250)
1150 LOCATE#6,16,23:PRINT#6,CHR$(245
):PRINT#7,tv$
1160 PRINT#4:PRINT#4,y$:PRINT#4:PRIN
T#4,x$
1170 MOVE 16*w13-8,368-16*w15:DRAWR
96,0:DRAWR 0,-48:DRAWR -96,0:DRAWR 0
,48
1180 n=1:u(0,1)=16:u(0,2)=23:CLS#2:P
RINT#2,"Vuelta prueba"
1190 LOCATE#6,u,v:PRINT#6,CHR$(128)
1200 READ u,v,w:LOCATE#6,u,v:PRINT#6
,CHR$(w)
1210 SOUND 129,960,25,12,0,1:SOUND 1
30,1205,25,12,0,1
1220 k$=CHR$(15)+CHR$(1)+CHR$(w)+CHR
$(15)+CHR$(3)+CHR$(8)+CHR$(22)+CHR$(
1)+CHR$(246)+CHR$(22)+CHR$(0)
1230 FOR tt=1 TO 200:NEXT
1240 u(n,1)=u(n,2)=v:k$(n)=k$
1250 IF u<>16 OR v<>23 THEN n=n+1:GO
TO 1190

```

```

1260 PRINT#3,"CUENTAATRAS":PEN#3,1:P
RINT#2," CUENTA ATRAS"
1270 FOR ti=10 TO 0 STEP -1
1280 FOR tt=1 TO 2500:NEXT
1290 LOCATE#3,3,5:PRINT#3,USING"###";
ti:SOUND 1,30,2:NEXT
1300 bo$=SPACE$(6):LOCATE#3,1,1:PRIN
T#3,bo$;"TIEMPO"
1310 EVERY 75,2 GOSUB 1480
1320 x=17:y=24:PRINT#2," !! SALIDA !
!":CLS#7:LOCATE#7,3,2:PRINT#7,"0"
1330 INK 3,9:BORDER 9:CLS#5:PRINT#5,
CHR$(24)
1340 FOR n=15 TO 1 STEP -1:SOUND 1,1
000,4,n,,1:NEXT
1350 EVERY 0,3 GOSUB 1490
1360 LOCATE 16,24
1370 e=e+1:IF x=17 AND y>21 THEN j=j
+1:e=0:tj=t-tj:LOCATE#1,6,4:PRINT#1,
USING"###";j:LOCATE#7,2,4:PRINT#7,USI
NG"###";tj:t(j)=tj:tj=t:IF j=i THEN w
$j=jug$:ww$=" ":GOTO 1610
1380 IF x=q AND y=r THEN h=0:p=p+3:F
OR n=1 TO 30:SOUND 2,100*n,10:SOUND
1,10*n,2:NEXT:LOCATE#4,1,5:PRINT#4,x
$:CLS#2
1390 SOUND 129,960,15,12,0,1:SOUND 1
30,1205,12,12,0,1
1400 IF TEST(16*x-4,412-16*y)=3 OR T
EST(16*x-12,412-16*y)=3 THEN 1530
1410 IF TEST(16*x-4,404-16*y)=3 OR T
EST(16*x-12,404-16*y)=3 THEN 1530
1420 PRINT CHR$(128):LOCATE x,y:PRIN
T CHR$(z):xb=x:yb=y
1430 IF JOY(0)=1 OR INKEY(0)=0 THEN
y=y-1:LOCATE x,y+1:z=253:GOTO 1370
1440 IF JOY(0)=2 OR INKEY(2)=0 THEN
y=y+1:LOCATE x,y-1:z=252:GOTO 1370

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```

1450 IF JOY(0)=4 OR INKEY(8)=0 THEN
x=x-1:LOCATE x+1,y:z=251:GOTO 1370
1460 IF JOY(0)=8 OR INKEY(1)=0 THEN
x=x+1:LOCATE x-1,y:z=250:GOTO 1370
1470 GOTO 1430
1480 t=t+1:LOCATE#3,3,5:PRINT#3,USIN
G"###";t:RETURN
1490 LOCATE#6,u(s,1),u(s,2):PRINT#6,
CHR$(128):s=s+1:LOCATE#6,u(s,1),u(s,
2):PRINT#6,k$(s):IF u(s,2)<>23 THEN
RETURN
1500 IF u(s,1)<>16 THEN RETURN
1510 s=0:g=g+1:tg=t-tg:LOCATE#1,6,2:
PRINT#1,USING"###";g:LOCATE#7,2,2:PRI
NT#7,USING"###";tg:j(g)=tg:tg=t:IF g=
i THEN w$="AMSBERG" ELSE RETURN
1520 ww$=" ":GOTO 1610
1530 LOCATE xb,yb:PRINT CHR$(249):FO
R n=1 TO 10:BORDER n,24:SOUND 129,10
+INT(RND*1000),8,15,0,0,15:FOR d=1 T
O 50:NEXT:NEXT:BORDER 9
1540 h=h+1:ON h GOTO 1550,1560,1570,
1600
1550 LOCATE#4,2,5:PRINT#4,CHR$(128):
GOTO 1590
1560 LOCATE#4,4,5:PRINT#4,CHR$(128):
GOTO 1590
1570 LOCATE#4,6,5:PRINT#4,CHR$(128)
1580 PRINT#2," Para en BOXES";:CLS#5
:PRINT#5,CHR$(128)+CHR$(128)+CHR$(24
7)
1590 x=xb:y=yb:LOCATE xb,yb:GOTO 142
0
1600 CLS#2:PRINT#2," GRIPADO !":w$="
AMSBERG";ww$=" ":GOTO 1620
1610 CLS#2:PRINT#2,w$
1620 s=REMAIN(2):ss=REMAIN(3)
1630 FOR ff=1 TO 5000:NEXT
1640 PRINT#2,"PULSA TECLA":CLEAR INP

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UT
1650 WHILE INKEY$="" :WEND
1660 CLS:BORDER 10:LOCATE 1,1:PRINT"
FICHA TECNICA DE LA CARRERA"
1670 WINDOW#1,1,17,3,9:PAPER#1,1:PEN
#1,2:CLS#1
1680 WINDOW#2,1,17,11,17:PAPER#2,1:P
EN#2,2:CLS#2
1690 WINDOW#3,1,17,19,25:PAPER#3,1:P
EN#3,2:CLS#3
1700 WINDOW#4,19,40,3,7:PAPER#4,3:PE
N#4,1:CLS#4
1710 WINDOW#5,19,40,23,24:PAPER#5,1:
PEN#5,2:CLS#5
1720 LOCATE#1,2,2:PRINT#1,"Circuito-
";k
1730 LOCATE#1,2,4:PRINT#1,"Long. - ";
lo$;" Km"
1740 LOCATE#1,2,6:PRINT#1,"Vueltas -
";i
1750 PRINT#2:PRINT#2," Velocidad med
ia -----"
1760 vea=15*(lo*k*0.1+s)/t:PRINT#2,"
K.A.-";USING"###.###";vea;:PRINT#2,"
Km/h"
1770 vej=15*(lo*j*0.1+e)/t:PRINT#2,C
HR$(128)+jug$+CHR$(45)
1780 LOCATE#2,7,6:PRINT#2,USING"###.
###";vej;:PRINT#2," Km/h"
1790 PRINT#3:PRINT#3," Tiempo en Box
es -----"
1800 PRINT#3," K.A.- 0 seg.":PRINT
#3
1810 PRINT#3,CHR$(128)+jug$+CHR$(45)
:LOCATE#3,8,6:PRINT#3,pj" seg."
1820 PRINT#4:PRINT#4," Tiempos por v
uelta -----"
1830 PEN#4,2:PRINT#4," K.A. ";ju
g$
1840 PRINT#5," TIEMPO -";t;"seg."
1850 PRINT#5," CAMPEON -";w$
1860 WINDOW 19,40,8,22:PAPER 3:PEN 1
:CLS
1870 FOR n=1 TO i:PEN 2:PRINT n;"-";
:PEN 1:PRINT USING"###";j(n);:PRINT
USING"#####";t(n):NEXT
1880 WINDOW 1,40,1,25:LOCATE 35,1:PR
INT jug$+ww$:CLEAR:RESTORE
1890 LOCATE 31,25:PRINT"- PULSA -":C
LEAR INPUT
1900 FOR n=1 TO 5:LOCATE 34+n,1:l$(n
)=COPYCHR$(#0):NEXT
1910 jug$=l$(1)+l$(2)+l$(3)+l$(4):ww
$=l$(5)
1920 WHILE INKEY$="" :WEND
1930 MODE 1:INK 0,0:INK 1,0:INK 2,0:
INK 3,0:BORDER 0,12:PAPER 0:GRAPHICS
PEN 1
1940 GOSUB 20
1950 INK 0,10:INK 1,24:INK 3,6:BORDE
R 10

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```

1960 re=REMAIN(1):WINDOW 1,40,18,25:      8,488
CLS:PRINT:PRINT:PRINT:GOTO 600           2200 DATA 192,488,208,464,232,472,20
1970 SOUND 1,m(k,1),30:SOUND 2,m(k,2)    0,488,192,480,176,496,184,528,192,49
),30:SOUND 4,m(k,3),30;k=k+1:IF k=33    6,168
THEN k=1                                  2210 DATA 480,176,472,160,472,176,44
1980 RETURN                                8,200,456,168,472,160,464,144,480,15
1990 REM ***** Musica *****          2,512
2000 DATA 60,478,1911,47,379,1517,40   2220 DATA 152,480,136,464,144,440,12
,319,1276,36,284,1136,34,268,1073,36   0,448,144,432,176,432,136,440,120,42
,284                                     8,108
2010 DATA 1136,40,319,1276,47,379,15   2230 DATA 448,112,480,112,448,96,428
17,60,478,1911,47,379,1517,40,319,12   ,108,416,96,424,112,416,144,408,112,
76,36                                     416,96
2020 DATA 284,1136,34,268,1073,36,28   2240 DATA 400,88,416,92,448,80,412,7
4,1136,40,319,1276,47,379,1517,45,35   6,400,88,384,80,392,96,384,128,376,9
8,1432                                    6,384
2030 DATA 36,284,1136,30,239,956,27,   2250 DATA 80,368,76,388,76,412,60,38
213,851,25,201,804,27,213,851,30,239   0,60,368,76,352,72,360,88,352,120,34
,956,36                                    4,88
2040 DATA 284,1136,45,358,1432,36,28   2260 DATA 352,72,224,32
4,1136,30,239,956,27,213,851,25,201,   2270 DATA 128,288,144,272,120,248,15
804,27                                     2,240,120,224,160,208,144,176,176,17
2050 DATA 213,851,30,239,956,36,284,   6,160
1136                                       2280 DATA 144,200,144,192,100,224,11
2060 REM ***** Laurel *****          2,224,82,256,96,256,64,288,90,512,28
2070 DATA 120,288,128,320,136,288,12   8,496
8,272,132,256,136,272,160,288,152,26   2290 DATA 272,520,248,488,240,512,21
4,132                                       6,480,208,496,176,464,176,480,144,44
2080 DATA 256,136,240,128,256,96,272   0,144
,120,240,136,240,140,224,144,240,168   2300 DATA 448,100,416,112,416,84,384
,264                                       ,96,384,68,352,91
2090 DATA 160,232,140,224,144,208,12   2310 REM ***** Bandera *****
8,224,96,240,120,208,144,208,152,192   2320 DATA 320,88,88,464,336,460,339,
,152                                       316,91,320,88,454,330,305,340,368,32
2100 DATA 208,176,232,168,200,152,19   8,368
2,160,176,144,184,112,192,144,168,16   2330 DATA 320,362,320,354,330,350,33
0,176                                       6,345,336,338,328,332,240,304,224,28
2110 DATA 168,160,168,176,192,200,18   0,236
4,168,168,160,176,144,160,152,128,15   2340 DATA 278,240,305,224,280,340,22
2,160                                       4,216,236,164,272,194,328,216,336,22
2120 DATA 136,176,144,200,120,192,14   4,336
4,208,176,208,136,200,120,212,108,19   2350 DATA 340,255,308,182,255,200,25
2,112                                       8,182,310,337,328,310,330,316,328,33
2130 DATA 160,112,192,96,212,108,224   6,316
,96,216,112,224,144,232,112,224,96,2   2360 DATA 272,328,310,224,272,336,29
40,88                                       3,245,328,286,224,245,336,270,218,32
2140 DATA 224,92,192,80,228,76,240,8   8,263
8,256,80,248,96,256,128,264,96,256,8   2370 DATA 224,218,336,247,191,328,23
0,272                                       9,248,203,230,191,442,309,334,346,42
2150 DATA 76,256,76,228,60,260,60,27   9,288
2,76,288,72,280,88,288,120,296,88,28   2380 DATA 336,322,417,266,336,298,40
8,72                                       4,245,336,274,423,341,364,237,393,35
2160 DATA 416,32                                  1,336
2170 DATA 504,288,504,288,512,320,52   2390 DATA 250,363,360,336,314,332,36
0,288,512,272,508,256,504,272,480,28   8,323,352,336,250,392,224,320,362,30
8,488                                       4,324
2180 DATA 264,508,256,504,240,512,25   2400 DATA 314,326,314,210,284,318,28
6,544,272,520,240,504,240,500,224,49   4,198,380,240,400,280,430,320,370,27
6,240                                       0,390
2190 DATA 472,264,480,232,500,224,49   2410 DATA 310,340,265,350,300,370,34
6,208,512,224,544,240,520,208,496,20   0,340,330,325,360,320,340,320,300,32

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0,250
2420 DATA 300,310,300,260,300,210,27
0,270,270,220,250,290,250,240,240,18
0,235
2430 DATA 290,226,275
2440 REM ***** Symbol's *****
2450 DATA 0,72,224,73,73,73,36,0,0,0
,128,74,213,17,209,0,0,0,0,114,85,11
7,66,64
2460 DATA 0,0,3,2,3,2,2,0,0,0,153,16
5,165,25,0,0,0,0,128,64,0,0,0,0,0,0
,0,149
2470 DATA 149,165,66,0,0,4,36,84,116
,68,50,0,0,64,230,65,71,73,39,0,151,
148,148
2480 DATA 247,148,148,151,0,185,45,4
5,57,49,41,165,0,198,111,105,201,143
,73,41
2490 DATA 0,69,109,125,85,69,69,69,0
,122,67,67,114,66,66,122,0,92,73,201
,201
2500 DATA 201,73,73,0,199,232,40,38,
225,33,46,0,189,165,189,24,24,90,60,
90,90
2510 DATA 60,90,24,24,189,165,189,7,
160,71,253,253,71,160,7,224,5,226,19
1,191
2520 DATA 226,5,224,0,66,0,0,0,0,66,
0,60,124,12,124,60,12,12,12,31,63,12
7,12,12
2530 DATA 12,12,12,66,198,19,24,60,8
,98,35,224,231,66,191,191,66,231,224
,7,231
2540 DATA 66,253,253,66,231,7,219,23
1,219,24,24,90,126,90,90,126,90,24,2

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4,219  
2550 DATA 231,219,0,126,60,126,60,126,60,126  
2560 REM \*\*\*\*\* 6 P - 3 \*\*\*\*\*  
2570 DATA 144,384,80,0,16,-16,0,-32,-32,0,-16,16,-16,0,-16,-16,0,-96,16,-16,16  
2580 DATA 0,16,16,0,16,-16,0,0,32,48

,0,0,-80,-16,-16,-80,0,-16,16,0,160,16,16  
2590 DATA 80,0,320,384,96,0,16,-16,0,-96,-16,-16,-64,0,0,-64,-32,0,0,192,96,0  
2600 DATA 288,352,32,0,16,-16,0,-32,-16,-16,-32,0,0,64,32,0,448,288,48,0,0,-32  
2610 DATA -48,0,0,32,48,0,608,384,80,0,16,-16,0,-48,-16,-16,0,-16,16,-16,0,-64  
2620 DATA -16,-16,-80,0,-16,16,0,32,16,0,16,-16,32,0,16,16,0,16,-32,32,0,16,32  
2630 DATA 32,0,16,-48,0,-16,-16,-16,0,0,32,16,16,80,0,48,352,16,16,-16,-16,0  
2640 DATA -144,16,-16,64,0,16,16,224,368,0,16,-16,0,0,-192,32,0,0,16,400,272,0  
2650 DATA 16,-16,0,0,-32,48,0,0,16,512,352,48,0,-16,-16,0,-32,16,0,16,16,48,0  
2660 DATA 560,288,32,-32,-16,-16,0,-16,32,-32,512,224,16,16,-16,0,0,-32,16,-16  
2670 DATA 64,0,16,16,256,336,0,-32,16,0,16,-16,0,-32,112,272,0,-16,-16,0,0,-32  
2680 DATA 16,0,0,-16,80,336,0,16,16,0,16,-16,32,0,0,16,304,256,-32,0,-16,-16  
2690 DATA -32,0,32,320,16,16,-16,-16,0,-128,16,-16,48,0,16,16,80,320,0,16,16  
2700 DATA -16,32,0,0,16,208,352,0,16,-16,0,0,-192,32,0,0,16,256,320,0,-16,16

2710 DATA -16,0,-16,384,256,0,16,-16,0,0,-32,48,0,0,16,496,320,48,0,-16,-16,0  
2720 DATA -32,16,0,16,16,48,0,496,208,16,16,-16,0,0,-32,16,-16,48,0,16,16,0,0,0  
2730 DATA 0,80,256,16,0,256,224,16,16,528,240,16,16  
2740 DATA 114,272,46,272,30,272,334,272,222,232,206,272,446,272,430,250,414,230  
2750 DATA 606,290,590,250,545,240,142,330,126,310,126,250,110,230,302,320,286  
2760 DATA 300,290,250,258,235,580,336,558,300,570,185,540,170  
2770 REM \*\*\*\*\* Circuito 1 \*\*\*\*\*  
2780 DATA 30,240,30,64,46,48,46,32,64,14,208,14,216,8,472,8,480,14,626,14,626  
2790 DATA 352,594,386,480,386,462,370,462,354,432,322,416,322,368,370,240,370  
2800 DATA 174,304,174,272,190,256,190,240,176,226,160,226,146,240,146,256,162  
2810 DATA 272,162,368,136,394,40,394,14,368,14,256,82,256,82,80,96,66,224,66  
2820 DATA 240,50,432,50,480,98,560,98,574,112,574,320,560,334,528,334,514,320  
2830 DATA 514,304,480,270,368,270,334,304,334,318,256,318,226,288,226,272,242  
2840 DATA 256,242,224,192,174,144,174,94,224,94,256,110,272,110,320,96,334,80  
2850 DATA 334,66,320,66,272,512,46,590,46,544,34,498,34,572,200,512,40,638,200  
2860 DATA 258,8,4  
2870 DATA 17,23,245,18,23,245,19,23,245,20,23,245,21,23,245,22,23,245,23,23,245  
2880 DATA 24,23,245,25,23,245,26,23,245,27,23,245,28,23,245,29,23,245,30,22,243  
2890 DATA 31,21,245,32,21,245,33,21,245,34,21,245,35,21,245,36,21,245,37,20,243  
2900 DATA 38,19,243,38,18,243,38,17,243,38,16,243,38,15,243,38,14,243,38,13,243  
2910 DATA 38,12,243,38,11,243,38,10,243,38,9,243,38,8,243,38,7,243,38,6,243,38  
2920 DATA 5,243,37,4,244,36,4,244,35,4,244,34,4,244,33,4,244,32,4,244,31,5,244

2930 DATA 30,6,244,29,6,244,28,6,244,27,6,244,26,6,244,25,6,244,24,6,244,23,5  
2940 DATA 244,22,5,244,21,5,244,20,5,244,19,5,244,18,5,244,17,5,244,16,5,244,15  
2950 DATA 6,242,14,7,242,14,8,242,14,9,242,14,10,242,13,11,244,12,12,244,11,12  
2960 DATA 244,10,12,244,9,11,243,9,10,243,9,9,243,9,8,243,9,7,243,9,6,243,9,5  
2970 DATA 243,8,4,244,7,4,244,6,4,244,5,4,244,4,5,242,4,6,242,4,7,242,4,8,242,4  
2980 DATA 9,242,4,10,242,4,11,242,4,13,242,4,14,242,4,15,242,4,16,242,4,17,242  
2990 DATA 4,18,242,4,19,242,4,20,242,4,21,242,5,22,245,6,23,245,7,23,245,8,23  
3000 DATA 245,9,23,245,10,23,245,11,23,245,12,23,245,13,23,245,14,23,245,15,23  
3010 DATA 245,16,23,245  
3020 REM \*\*\*\*\* Circuito 2 \*\*\*\*\*  
3030 DATA 14,32,32,14,128,14,144,6,370,6,386,14,512,14,530,32,530,128,512,146  
3040 DATA 160,146,146,160,146,248,158,248,158,176,176,158,256,158,274,176,274  
3050 DATA 240,288,254,302,240,302,192,336,158,416,158,450,192,450,240,464,254  
3060 DATA 496,254,514,272,514,368,496,386,432,386,416,370,176,370,160,386,32  
3070 DATA 386,14,368,66,80,80,66,264,66,270,80,288,84,368,84,386,80,392,66,464  
3080 DATA 66,478,80,464,94,112,94,94,112,94,288,112,306,192,306,210,288,210,216  
3090 DATA 222,216,222,288,240,306,336,306,354,288,354,224,368,210,384,210,398  
3100 DATA 224,398,272,432,306,448,306,462,320,448,334,80,334,66,320,68,202,638  
3110 DATA 200,258,6,5  
3120 DATA 17,23,245,18,23,245,19,23,245,20,23,245,21,23,245,22,23,245  
3130 DATA 23,23,245,24,23,245,25,23,245,26,23,245,27,23,245,28,23,245,29,23,245  
3140 DATA 30,23,245,31,22,243,31,21,243,31,20,243,31,19,243,30,18,244,29,18,244  
3150 DATA 28,18,244,27,18,244,26,18,

244,25,18,244,24,18,244,23,18,244,22,18,244  
3160 DATA 21,18,244,20,18,244,19,18,244,18,18,244,17,18,244,16,18,244,15,18,244  
3170 DATA 14,18,244,13,18,244,12,18,244,11,18,244,10,18,244,9,17,243,9,16,243,9  
3180 DATA 15,243,9,14,243,9,13,243,9,12,243,9,11,243,9,10,243,10,9,245,11,9,245  
3190 DATA 12,10,242,12,11,242,12,12,242,13,13,242,14,13,245,15,13,245,16,12,243  
3200 DATA 16,11,243,16,10,243,17,9,245,18,9,245,19,9,245,20,9,245,21,10,242,21  
3210 DATA 11,242,21,12,242,22,13,245,23,13,245,24,13,245,25,13,245,26,13,245,27  
3220 DATA 12,243,27,11,243,27,10,243,28,9,245,29,9,245,30,8,243,30,7,243,30,6  
3230 DATA 243,30,5,243,29,4,244,28,4,244,27,4,244,26,4,244,25,4,244,24,4,244,23  
3240 DATA 4,244,22,4,244,21,4,244,20,4,244,19,4,244,18,4,244,17,4,244,16,4,244  
3250 DATA 15,4,244,14,4,244,13,4,244,12,4,244,11,4,244,10,4,244,9,4,244,8,4,244  
3260 DATA 7,4,244,6,4,244,5,4,244,4,4,244,3,5,242,3,6,242,3,7,242,3,8,242,3,9  
3270 DATA 242,3,10,242,3,11,242,3,12,242,3,13,242,3,14,242,3,15,242,3,16,242,3  
3280 DATA 17,242,3,18,242,3,19,242,3,20,242,3,21,242,4,22,245,5,23,245,6

,23,245  
3290 DATA 7,23,245,8,23,245,9,23,245,10,23,245,11,23,245,12,23,245,13,23,245,14  
3300 DATA 23,245,15,23,245,16,23,245  
3310 REM \*\*\*\*\* Circuito 3 \*\*\*\*\*  
3320 DATA 14,32,32,14,608,14,626,32,626,128,600,146,496,146,482,160,482,176,514  
3330 DATA 208,514,288,528,302,608,302,626,320,626,368,608,386,448,386,398,336  
3340 DATA 398,272,384,258,368,258,354,272,354,352,336,370,208,370,192,386,96  
3350 DATA 386,78,368,78,320,174,224,174,160,160,146,32,146,14,128,80,66,264,66  
3360 DATA 270,80,288,88,368,88,386,80,392,66,560,66,574,80,560,94,448,94,430  
3370 DATA 112,430,192,462,224,462,304,496,338,560,338,574,344,560,350,480,350  
3380 DATA 450,320,450,240,416,206,336,206,302,240,302,320,288,334,148,334,226  
3390 DATA 256,226,112,208,94,80,94,66,80,350,150,638,200,258,12,5  
3400 DATA 17,23,245,18,23,245,19,23,245,20,23,245,21,23,245,22,23,245  
3410 DATA 23,23,245,24,23,245,25,23,245,26,23,245,27,23,245,28,23,245,29,23,245  
3420 DATA 30,23,245,31,23,245,32,23,245,33,23,245,34,23,245,35,23,245,36,23,245  
3430 DATA 37,22,243,37,21,243,37,20,243,36,19,244,35,18,244,34,18,244,33,18,244

3440 DATA 32,18,244,31,17,243,30,16,243,30,15,243,30,14,243,30,13,243,31,12,243  
3450 DATA 31,11,243,31,10,243,31,9,243,31,8,243,32,7,245,33,6,245,34,6,245,35,6  
3460 DATA 245,36,5,243,37,4,243,36,3,244,35,3,244,34,3,244,33,3,244,32,3,244,31  
3470 DATA 3,244,30,3,244,29,3,244,28,4,242,27,5,242,27,6,242,27,7,242,27,8,242  
3480 DATA 26,9,244,25,10,244,24,10,244,23,10,244,22,9,243,21,8,243,21,7,243,21  
3490 DATA 6,243,20,5,244,19,4,244,18,4,244,17,4,244,16,4,244,15,4,244,14,4,244  
3500 DATA 13,4,244,12,4,244,11,4,244,10,4,244,9,5,242,9,6,242,9,7,242,10,8,245  
3510 DATA 11,9,245,12,10,245,12,11,242,12,12,242,12,13,242,12,14,242,12,15,242  
3520 DATA 12,16,242,11,17,244,10,18,244,9,18,244,8,18,244,7,18,244,6,18,244,5  
3530 DATA 19,242,4,20,242,4,21,242,5,22,245,6,23,245,7,23,245,8,23,245,9,23,245  
3540 DATA 10,23,245,11,23,245,12,23,245,13,23,245,14,23,245,15,23,245,16,23,245