

STEP KEY ENTRY KEY CODE

1	LBL 2	32 25 11
2	DSP 0	23 00
3	0	00
4	STO 4	33 04
5	RCL 6	34 06
6	DSP 9	23 09
7	PAUSE	35 72
8	DSP 0	23 00
9	4	04
10	0	00
11	STO 5	33 05
12	-X-	31 84
13	5	05
14	ST 1	35 31
15	LBL 4	31 25 04
16	5	05
17	RC I	35 34
18	-	31
19	PAUSE	35 72
20	DSP 9	23 09
21	RCL 8	34 08
22	PAUSE	35 72
23	PI 7	35 71 01
24	GSB 0	31 22 00
25	GSB 5	31 22 05
26	RCL E	34 15
27	PAUSE	35 72
28	GSB 5	31 22 05
29	RCL 9	34 09
30	PAUSE	35 72
31	GSB 6	31 22 06
32	RCL D	34 14
33	PAUSE	35 72
34	GSB 7	31 22 07
35	RCL D	34 14
36	PAUSE	35 72
37	GSB 9	31 22 09
38	RCL B	34 12
39	PAUSE	35 72
40	GSB 7	31 22 07
41	RCL 9	34 09
42	PAUSE	35 72
43	GSB 8	31 22 08
44	RCL E	34 15
45	PAUSE	35 72
46	GSB 5	31 22 05
47	RCL A	34 11
48	PAUSE	35 72
49	GSB 7	31 22 07
50	RCL B	34 12
51	PAUSE	35 72
52	GSB 9	31 22 09
53	RCL C	34 13
54	PAUSE	35 72
55	GSB 8	31 22 08
56	RCL D	34 14
57	PAUSE	35 72
58	GSB 7	31 22 07
59	RCL E	34 15
60	PAUSE	35 72
61	GSB 5	31 22 05
62	RCL 6	34 06
63	PAUSE	35 72
64	RCL 5	34 05
65	DSP 0	23 00
66	-X-	31 84
67	DSZ	31 33
68	GTO 4	22 04
69	RCL 4	34 04
70	EEEX	43
71	3	03
72	+	81
73	H→HMS	32 74
74	DSP 4	23 04
75	RTN	35 22
76	LBL 5	31 25 05
77	RCL 1	34 01
78	X*Y	32 61
79	GTO 1	22 01
80	2	02
81	P2 ?	35 71 02
82	1	01
83	GTO 2	22 02
84	LBL 6	31 25 06
85	RCL 2	34 02
86	X*Y	32 61
87	GTO 1	22 01
88	6	06
89	P3 ?	35 71 03
90	3	03
91	GTO 2	22 02
92	LBL 7	31 25 07
93	RCL 0	34 00
94	X*Y	32 61
95	GTO 1	22 01
96	6	06
97	P3 ?	35 71 03
98	3	03
99	GTO 2	22 02
100	LBL 8	31 25 08

STEP KEY ENTRY KEY CODE

1	RCL 2	34 02
2	X*Y	32 61
3	GTO 1	22 01
4	4	04
5	P2 ?	35 71 02
6	2	02
7	GTO 2	22 02
8	LBL 9	31 25 09
9	RCL 0	34 00
10	X*Y	32 61
11	GTO 1	22 01
12	4	04
13	P2 ?	35 71 02
14	2	02
15	LBL 2	31 25 02
16	STO+4	33 61 04
17	STO-5	33 51 05
18	RCL 5	34 05
19	X*0	31 61
20	X<0	31 71
21	GTO 3	22 03
22	CF 2	35 61 02
23	CF 3	35 61 03
24	RTN	35 22
25	LBL 0	31 25 00
26	3	03
27	7	07
28	STO+5	33 61 05
29	RCL 6	34 06
30	PAUSE	35 72
31	RCL 5	34 05
32	DSP 0	23 00
33	-X-	31 84
34	DSP 9	23 09
35	RCL 1	34 01
36	CF 1	35 61 01
37	RTN	35 22
38	LBL A	31 25 11
39	SP 2	35 51 02
40	PAUSE	35 72
41	RTN	35 22
42	LBL B	31 25 12
43	RCL 2	34 02
44	PAUSE	35 72
45	RTN	35 22
46	LBL C	31 25 13
47	RCL 1	34 01
48	PAUSE	35 72
49	RTN	35 22
50	LBL D	31 25 14
51	RCL 0	34 00
52	PAUSE	35 72
53	RTN	35 22
54	LBL E	31 25 15
55	SP 3	35 51 03
56	PAUSE	35 72
57	RTN	35 22
58	LBL f b	32 25 12
59	RCL 8	34 08
60	X*Y	32 61
61	GTO 1	22 01
62	SP 1	35 51 01
63	3	03
64	STO+4	33 61 04
65	RTN	35 22
66	LBL 1	31 25 01
67	RCL 3	34 03
68	R/S	84
69	LBL 3	31 25 03
70	RCL 7	34 07
71	R/S	84

.080	.080
R/S	R/S
LBL 0	LBL 0
f LBL (i)	f LBL (i)
f LBL (i)	SP 2
STO+(i)	LBL C
STO+8	f LBL (i)
RCL E+	RCL E+

.080	GAL GAS.
R/S	R→P
STO+0	LBL 0
STO+8	STO+5
f LBL (i)	LBL 9
f LBL (i)	STO+1
f LBL (i)	LBL 9
RCL E+	RCL E+

00 GAL GAS	0.1
R→P	E+
X*Y	LBL 0
STO C	f LBL (i)
(24)*	1/x
STO C	f LBL (i)
RCL E+	f LBL (i)
R/S	RCL E+

1. SEBRING '67

BY: Jonathan Mills

1400

2. _____

BY: _____

67
97

STEP	INSTRUCTIONS	INPUT DATA/UNITS	KEYS	OUTPUT DATA/UNITS
1	Load program and data.			
2	Welcome to Sebring '67, the only road race you carry in your pocket. TO PLAY; and see: (You start with 40 gallons gas) (and no laps yet complete) (at the pit)		f A	GAL GAS 40. 0. 0.1
3	During each display of a section of the track (including the pit) you must "drive" your formula HP. Check table below for track sections and corresponding response(s): DISPLAY IS SHOWN AS INPUT			
	(a) THE PIT: Steer straight	0.1	C	.080
	You may refuel only at THE PIT		f B	GAL GAS new gallons next track
	(b) STRAIGHT: Steer straight	.1	C	.080
	(c) LEFT ESS: Steer left	2.	B	.080
	(d) LEFT ELL: Steer left	7	B	.080
	(e) RIGHT ESS: Steer right	.5	D	.080
	(f) WIDE RIGHT: Steer right	C.	D	.080
	(g) SHARP RIGHT: Steer right	.r	D	.080
4	Steering your "car" will extend the pause for another second. To minimize your time, you must also accelerate OR brake your "car". Neither action will change the display, but will PAUSE it:			
	(a) TO ACCELERATE:		A	no change
	(b) TO BRAKE:		E	no change
5	AFTER "DRIVING" CAR, DISPLAY WILL SHOW:			
	(a) Next track section, OR			next track
	(b) Crash! if you drive poorly, OR			.0 30 r o
	(c) Or out-of-gas(you blew it!)			00 GAL GAS
6	If next track section is shown, continue to race as in step (3) and (4).			
7	If you run out of gas OR crash, start again at step (2).			
8	Best time for 5 laps is 0:08:49. What's yours?			
	NOTE: THE TRACK CONSISTS OF 13 SECTIONS, INCLUDING THE PIT. SECTIONS ARE NOT DISPLAYED IN ORDER SHOWN IN STEP(3). AFTER COMPLETING EACH LAP, DISPLAY FOR STEP (2) IS AUTOMATICALLY SHOWN.			

2.	C.
E+	E+
LBL 0	LBL 0
f LBL (i)	f LBL (i)
(33 24)*	GSB (1)
f LBL (1)	f LBL (1)
f LBL (1)	f LBL (1)
RCL E+	RCL E+
.5	.7
LBL 0	LBL 0
f LBL (1)	f LBL (1)
DSZ(1)	RC I
f LBL (1)	f LBL (1)
f LBL (1)	f LBL (1)
RCL E+	RCL E+
.r	.1
LBL 0	LBL 0
f LBL (1)	f LBL (1)
STO-1	(24)*
f LBL (1)	f LBL (1)
f LBL (1)	f LBL (1)
RCL E+	RCL E+

Registers				
0 .080	1 .080	2 .080	3 .030 r o	4 1 LAP TIME
5 GAS TANK	6 30 r o	7 00 GAL GAS	8 0.1	9 2.

0	1	2	3	4
5	6	7	8	9

A .E.	B .5	C .7	D .r	E .1	F LAPS ?
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Labels				
A ACCEL	B ←	C ↑	D →	E BRAKE
8 START	9 REFUEL	C	d	e
0 PIT STOP	1 CRASH	2 TIME	3 NO GAS	4 COURSE
5 ACCEL ↑	6 BRAKE ←	7 BRAKE →	8 ACCEL ←	9 ACCEL →
Flag Set Status				

0 CLR	1 CLR	2 CLR	3 CLR
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DEG, FIX 0

For a better CRASH! display, use GOODBYE from MACABRE.

V4 N 6

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HP-65
USERS
CLUB

SEBRING 67

134 RCL 4	34 04	161 RCL 8	34 08	Winning race
135 h PAUSE	35 72	162 X ≠ Y?	32 61	
136 DSP 9	23 09	163 GTO 1	22 01	Press
137 RCL 1	34 01	164 h SF 1	35 51 01	
138 h CF 1	35 61 01	165 3	03	C
139 h RTN	35 22	166 STO+4	33 61 04	B
140 f LBL A	31 25 11	167 h RTN	35 22	D
141 h SF 2	35 51 02	168 f LBL 1	31 25 01	D
142 h PAUSE	35 72	169 RCL 3	34 03	D
143 h RTN	35 22	170 h PAUSE	35 72	B
144 f LBL B	31 25 12	171 RCL 4	34 04	C
145 RCL 2	34 02	172 DSP 0	23 00	D
146 h PAUSE	35 72	173 h PAUSE	35 72	D
147 h RTN	35 22	174 h PAUSE	35 72	B
148 f LBL C	31 25 13	175 9	09	D
149 RCL 1	34 01	176 STO+4	33 61 04	C
150 h PAUSE	35 72	177 RCL 4	34 04	
151 h RTN	35 22	178 h PAUSE	35 72	
152 f LBL D	31 25 14	179 DSP 9	23 09	
153 RCL 0	34 00	180 h RTN	35 22	
154 h PAUSE	35 72	181 R/S	84	
155 h RTN	35 22	182 f LBL 3	31 25 03	
156 f LBL E	31 25 15	183 RCL 7	34 07	
157 h SF 3	35 51 03	184 R/S	84	
158 h PAUSE	35 72			
159 h RTN	35 22			
160 g LBL b	32 25 12			

Registers

Primary

0. 080
 1. 080
 2. 080
 3. BAD ERROR
 4.
 5.
 6. GAL GAS
 7. 00 GAL GAS
 8. 01 . 1
 9. 1 . 1
 A. 1 . 1
 B. 1 . 1
 C. 1 . 1
 D. 1 . 1
 E. 1 . 1
 I. 6