ADDR	CODE	LINE	LABEL	MNEM	OPERAND	
0400		00090		DEFR 16	;DEFAULT	TO HEX
08DC		00100	LEFT	EQU	08DCH	
08DD		00110	RIGHT	EQU	08DDH	;RIGHT DISPLAY
08DE		00120		EQU	08DEH	;DISPLAY LEDS
08DF			STATUS	EQU	08DFH	;R/G DATA FOR CAT DRIVE
08E0		00140		EQU	08E0H	;MAGS REMAINING INC CURRENT
08E1		00150	_	EQU	08E1H	;SHEL LEFT IN MAG
08E2		00160		EQU	08E2H	;PLAYER ID ;PORT 04 DATA ON INT
08E3 08E4		00170 00180		EQU EQU	08E3H 08E4H	;TIMER FOR GAME LENGTH
08E5			P5DATA	EQU	08E5H	;P5 DATA [DIPW] READ AT START
08E6			P6DATA	EQU	08E6H	;P6 DATA [DIPSW] READ AT START
08E7			INTSCR	EQU	08E7H	;INT SCRATCH [WHO GOT YOU]
08E8		00220	STATBU	EQU	08E8H	;INT SCRATCH [STATUS BACKUP]
08E9		00230	CODE	EQU	08E9H	;FIRE CODE
08EA		00240	XXXX	EQU	08EAH	;
08EB			SHDLFT	•	08EBH	;SHIELD REMAINING;
08EC			RUNING	EQU	08ECH	;START BIT 1= NORMAL PLAY
		00270	-		005511	0= NOT RUNNING
08EE			THITS	EQU	08EEH	;TOTAL HITS ;START OF PLAYER TALLY TABLE
08F0 0000		00300	TABLE	EQU ORG	08F0H 0000H	START OF PLAYER TALLY TABLE
	C38802		RESET	JP	START	GOTO BEGINNING OF PROGRAM
0000	C30002	00310	KLJLI	31	JIAKI	, do to bediming of Thounan
0038		00330		ORG	0038H	;INT POINTER
	C33D04	00340	INT	JP	DEATH	GOTO DIE ROUTINE
		00350				
0066		00360		ORG	0066H	;NMI POINTER
0066	C36501	00370	NMI	JP	TIMER	;GAME CLOCK
		00380				
0080		00390	CECDAT	ORG	0080H	;START OF 7 SEG TABLE
0080 0081		00400	SEGDAT	DB DB	0EEH	;0
0081		00410		DB	028H 0CDH	; ;2
0083		00420		DB	6DH	;3
0084		00440		DB	2BH	;4
0085	67	00450		DB	67H	;5
0086	E7	00460		DB	0E7H	; 6
0087		00470		DB	2CH	;7
0088		00480		DB	0EFH	;8
0089		00490		DB	6FH	;9
008A		00500 00510		DB	0AFH	;A
008B 008C		00520		DB DB	0E3H 0C6H	;B ;C
008D		00530		DB	0E9H	;D
008E		00540		DB	0C7H	;E
008F		00550		DB	087H	;F
0090		00560		DB	0E6H	;G
0091		00570		DB	0ABH	j.H
0092		00580		DB	028H	;I
0093		00590		DB	0E8H	;J
0094 0095		00600 00610		DB DB	08BH 0C2H	;K? ;L
0095		00620		DB	0C2H 0A1H	;M?
0097		00630		DB	0AEH	;N
0098		00640		DB	0EEH	;0
0099		00650		DB	08FH	;P
009A	2F	00660		DB	02FH	;Q
ADDR	CODE	LINE	LABEL	MNEM	OPERAND	
009B	8F	00670		DB	08EH	;R
009C		00680		DB	067H	;S
009D		00690		DB	029H	;T
009E		00700		DB	0EAH	;U
009F		00710		DB	061H	;X?
00A0	E0	00720		DB	0E0H	;W?

```
6/6/2020
             https://lookaside.fbsbx.com/file/LHUNT99 assembly.txt?token=AWwzBqgmipFyxLBFT7g73psO3ASjDiDBCtzBKplSTmnXY8UYChO3l3JyjX...
 00A1 6B
                00730
                               DB
                                        06BH
 00A2 CD
                00740
                               DB
                                        0CDH
                                                 ;Ζ
 00A3 10
                                        10H
                00750
                               DR
                                                 ;.
 00A4 08
                00760
                               DB
                                        08H
                                                 ;!
 00A5 18
                00770
                               DB
                                        18H
 00A6 01
                00780
                               DB
                                        01H
                                                 ; -
 00A7 0D
                                        0DH
                00790
                               DB
                                                 ;+
                                                 ;<SPACE>
 00A8 00
                00800
                               DB
                                        00
                00810 ; POWER UP SOUND. NO LEDS
                00820
                00830 PUSND
 00A9 F5
                               PUSH
                                        ΑF
 00AA C5
                00840
                               PUSH
                                        BC
 00AB 0E0F
                00850
                               LD C,0FH
                00860 PUALPA
 00AD 79
                               LD A,C
 00AE ED44
                               NEG
                00870
 00B0 CB3F
                00880
                               SRL A
 00B2 CB3F
                00890
                               SRL A
                00900 PUALPB
 00B4 08
                              EX AF, AF
 00B5 3E80
                00910
                               LD A,80H
 00B7 D300
                00920
                               OUT (0),A
 00B9 08
                00930
                               EX AF, AF
 00BA CDCF00
                00940
                               CALL
                                        PUALPC
                               EX AF, AF
 00BD 08
                00950
 00BE 3E00
                00960
                               LD A,0
 00C0 D300
                00970
                               OUT (0),A
                00980
 00C2 08
                               EX AF, AF'
 00C3 CDCF00
                00990
                               CALL PUALPC
 00C6 3D
                01000
                               DEC A
 00C7 20EB
                01010
                               JR NZ, PUALPB
 00C9 0D
                01020
                               DEC C
                               JR NZ, PUALPA
 00CA 20E1
                01030
 00CC C1
                               POP BC
                01040
 00CD F1
                01050
                               POP AF
 00CE C9
                01060
                               RET
                01070 PUALPC
 00CF 41
                               LD B.C
 00D0 C5
                01080 PUALPD
                               PUSH BC
 00D1 0604
                01090
                               LD B,04 ;PITCH VARIABLE
                01100 PUALPE
                               DJNZ PUALPE
 00D3 10FE
                               POP BC
 00D5 C1
                01110
 00D6 10F8
                01120
                               DJNZ PUALPD
 00D8 C9
                01130
                               RET
                01140
                01150 ; DEATH SOUND INC DEATH LIGHTS
 00D9 3E5A
                01160 DTHSND
                               LD A,5AH
                                                 ; PRIMING BYTE
 00DB 110006
                01170
                               LD DE,0600H
                                                 ;SND LENGTH
                01180 DIELP
                               RRC A
 00DE CB0F
 00E0 3006
                01190
                               JR NC, ZERO
                               BIT 2,A
 00E2 CB57
                01200 ONE
 00E4 200A
                01210
                               JR NZ, HIOUT
 00E6 1804
                01220
                               JR LOOUT
 00E8 CB57
                01230 ZERO
                               BIT 2,A
 00EA 2804
                01240
                               JR Z, HIOUT
 ADDR
         CODE
                LINE
                        LABEL MNEM
                                        OPERAND
                01250 LOOUT
 00EC CBBF
                               RES 7,A
 00EE 1802
                01260
                               JR OUTBIT
                               SET 7,A
 00F0 CBFF
                01270 HIOUT
                01280 OUTBIT
                               PUSH AF
 00F2 F5
 00F3 E680
                01290
                               AND 80H
 00F5 F620
                01300
                               OR 20H
 00F7 D300
                01310
                               OUT (0),A
 00F9 F1
                               POP AF
                01320
 00FA 06FF
                01330
                               LD B, 0FFH
 00FC 10FE
                01340 DIELPB DJNZ DIELPB
                               DEC DE
 00FE 1B
                01350
 00FF CB1A
                               RR D
                01360
 0101 CB12
                01370
                               RL D
 0103 20D9
                01380
                               JR NZ, DIELP
 0105 3E00
                01390
                               LD A,0
 0107 D300
                01400
                               OUT (0),A
                                                 ;KILL SPK, LEDS
```

0109 C9

01410

01420

RET

0176 2804

0178 F1

0179 FB

02610

02620

02630

JR Z, END

POP AF

01FB CDFF01

03310

CALL DISDLY

```
6/6/2020
             https://lookaside.fbsbx.com/file/LHUNT99 assembly.txt?token=AWwzBggmipFyxLBFT7g73psO3ASjDiDBCtzBKplSTmnXY8UYChO3I3JyjX...
 01FE C9
                03320
                              RET
                03330
 01FF D300
               03340 DISDLY OUT (0),A
                              LD B,20H
 0201 0620
               03350
                                              ;DISP BRIGHTNESS
 0203 10FE
                03360 DISPL1 DJNZ DISPL1
 0205 3ADF08
               03370
                              LD A, (STATUS)
 0208 D300
                              OUT (0),A
               03380
 020A C9
               03390
                              RET
                03400
 020B 0608
               03410 DISPMP LD B,8
               03420 DSMPL2 PUSH BC
 020D C5
 020E 0600
               03430
                              LD B.0
 0210 C5
               03440 DSMPL1 PUSH BC
                              CALL DISP
 0211 CDD201
               03450
                              POP BC
 0214 C1
               03460
 0215 10F9
               03470
                              DJNZ DSMPL1
               LINE LABEL MNEM
                                      OPERAND
 ADDR
        CODE
 0217 C1
                03480
                              POP BC
 0218 10F3
               03490
                              DJNZ DSMPL2
 021A C9
               03500
                              RET
               03510
 021B C5
               03520 DELAY
                              PUSH BC
 021C 0606
                              LD B,6
               03530
 021E C5
               03540 DELPL2 PUSH BC
 021F 0600
               03550
                              LD B,0
               03560 DELPL1 DJNZ DELPL1
 0221 10FE
 0223 C1
               03570
                              POP BC
 0224 10F8
                              DJNZ DELPL2
               03580
                              POP BC
 0226 C1
               03590
 0227 C9
                03600
                              RET
               03610
                03620 DLYLP
                              PUSH BC
 0228 C5
 0229 CD0B02
               03630
                              CALL DISPMP
 022C C1
                03640
                              POP BC
 022D 10F9
                              DJNZ DLYLP
               03650
 022F C9
               03660
                              RET
               03670
 0230 CDC001
               03680 DISSET CALL HTDC
 0233 78
               03690
                              LD A,B
                                      ;IF 0 BLANK DISP
 0234 A7
               03700
                              AND A
 0235 2803
               03710
                              JR Z,ZEROBL
 0237 CDC901
               03720
                              CALL B7SC
               03730 ZEROBL LD (LEFT),A
 023A 32DC08
 023D 79
               03740
                              LD A,C
 023E CDC901
               03750
                              CALL B7SC
 0241 32DD08
               03760
                              LD (RIGHT),A
 0244 C9
               03770
                              RET
                03780
                03790 IDDIS
 0245 E5
                              PUSH HL
 0246 21DE08
               03800
                              LD HL, LEDS
 0249 3600
                              LD (HL),0
               03810
 024B CB5F
               03820
                              BIT 3,A
 024D 2804
               03830
                              JR Z,GRN2
 024F CBE6
               03840
                              SET 4, (HL)
 0251 1802
               03850
                              JR CON3
 0253 CBEE
               03860 GRN2
                              SET 5,(HL)
               03870 CON3
 0255 E607
                              AND 7
 0257 CD3002
               03880
                              CALL DISSET
                              CALL DISPMP
 025A CD0B02
               03890
 025D 3600
               03900
                              LD (HL),0
 025F E1
                03910
                              POP HL
 0260 C9
                03920
                              RET
               03930
 0261 E5
                03940 MAGDIS PUSH HL
 0262 C5
                03950
                              PUSH BC
 0263 21DE08
               03960
                              LD HL, LEDS
 0266 3680
               03970
                              LD (HL),80H
```

0268 3AE008

026B CD3002

026E CD0B02

0271 3600

03980

03990

04000

04010

LD A, (MAGS)

CALL DISSET

CALL DISPMP

LD (HL),0

```
6/6/2020
             https://lookaside.fbsbx.com/file/LHUNT99 assembly.txt?token=AWwzBqgmipFyxLBFT7g73psO3ASjDiDBCtzBKplSTmnXY8UYChO3l3JyjX...
 0273 C1
                04020
                               POP BC
 0274 E1
                04030
                               POP HL
 0275 C9
                94949
                               RET
                04050
 ADDR
        CODE
                LINE
                       LABEL MNEM
                                       OPERAND
 0276 E5
                04060 HITDIS PUSH HL
 0277 C5
                04070
                               PUSH BC
 0278 21DE08
                04080
                               LD HL, LEDS
 027B 3608
                04090
                               LD (HL),8
 027D CD3002
                04100
                               CALL DISSET
 0280 CD0B02
                04110
                               CALL DISPMP
 0283 3600
                               LD (HL),0
                04120
 0285 C1
                04130
                               POP BC
 0286 E1
                04140
                               POP HL
 0287 C9
                04150
                               RET
                10000 ;MAIN PROGRAM
 0288 F3
                10010 START
                               DΙ
 0289 31C008
                10020
                               LD SP,08C0H
 028C 3E00
                10030
                               LD A,0
                               OUT (0),A
 028E D300
                10040
 0290 D307
                10050
                               OUT (7),A
 0292 21D008
                10060
                               LD HL,08D0H
                10070 ; CLER ALL RAM TO F7, PERHAPS BEFOR SP IS DEFINED
 0295 AF
                10080
                               XOR A
 0296 0632
                10090
                               LD B,32H
 0298 77
                10100 CLRLP1 LD (HL),A
 0299 23
                10110
                               INC HL
 029A 10FC
                               DJNZ CLRLP1
                10120
 029C DB05
                10130 DSCHK
                              IN A_{\bullet}(5)
 029E 32E508
               10140
                               LD (P5DATA),A
                10150
                               AND 41H
 02A1 E641
 02A3 2814
                10160
                               JR Z,LIM3
                               CP 1
 02A5 FE01
                10170
 02A7 2814
                10180
                               JR Z,LIM5
                               CP 40H
 02A9 FE40
                10190
 02AB 3EE6
                10200
                               LD A,0E6H
 02AD 32E008
                10210
                               LD (MAGS),A
 02B0 2810
                10220
                               JR Z,UNLIM
 02B2 3EE6
                10230
                               LD A,0E6H
                               LD (SHEL),A
 02B4 32E108
                10240
 02B7 181C
                10250
                               JR NOMAGS
 02B9 3E03
                10260 LIM3
                               LD A,3
 02BB 1802
                               JR LDMAGS
                10270
 02BD 3E05
                10280 LIM5
                               LD A,5
                10290 LDMAGS LD (MAGS),A
 02BF 32E008
 02C2 3AE508
                10300 UNLIM
                               LD A, (P5DATA)
 02C5 E680
                10310
                               AND 80H
 02C7 2007
                10320
                               JR NZ, X30BUL
 02C9 3E06
                10330
                               LD A,6
 02CB 32E108
                10340
                               LD (SHEL),A
                               JR NOMAGS
 02CE 1805
                10350
 02D0 3E1E
                10360 X30BUL LD A,1EH
 02D2 32E108
                10370
                               LD (SHEL),A
                10380 NOMAGS
 02D5 21DF08
                             LD HL,STATUS
 02D8 3AE508
                10390
                               LD A, (P5DATA)
 02DB CB5F
                10400
                               BIT 3,A
 02DD 2804
                10410
                               JR Z, GREEN
 02DF CBDE
                10420
                               SET 3,(HL)
 02E1 1802
                               JR LDID
                10430
 02E3 CBE6
                10440 GREEN
                               SET 4, (HL)
                10450 LDID
 02E5 DB06
                               IN A_{\bullet}(6)
 02E7 32E608
                10460
                               LD (P6DATA),A
                               AND 1CH
                10470
 02EA E61C
 ADDR
         CODE
                LINE
                       LABEL MNEM
                                       OPERAND
 02EC CB3F
                10480
                               SRL A
 02EE CB5F
                10490
                               BIT 3,A
                10500
 02F0 2802
                               JR Z, NOSET
```

02F2 CBC7

10510

SET 0,A

CALL DISP

AND A

JP MAINLP

LD A, (SHEL)

11170 CALDIS

11200 RLSHL

11180 11190

11210

0382 CDD201

0385 C35B03

0388 3AE108

038B A7

0416 B9

0417 20EB

0419 C35B03

11880

11890

11900

11910

CP C

JR NZ, FSND

JP MAINLP

6/6/2020

6/6/2020 htt	ps://lookasid	e.fbsbx.cc	m/file/LHUN	NT99 ass	embly.txt?tol	ken=AW	
04AC 32DF08 04AF 3AE108 04B2 CD3002 04B5 E1 04B6 D1 04B7 C1 04B8 3EE6 04BA 32E708 04BD 3E00 04BF 32E308 04C2 F1 04C3 FB 04C4 ED4D 0000 00000 Total e	12620 LD (STATUS),A 12630 LD A,(SHEL) 12640 CALL DISSET 12650 POP HL 12660 POP DE 12670 POP BC 12680 LD A,0E6H 12690 LD (INTSCR),A 12700 LD A,0 12710 LD (READ),A 12720 POP AF 12730 EI 12740 RETI 12750 END						
CONTC 047F FIRSND 0427	INCTOT FSND2	046E 0414	DEATHB FSLOOP	0451 041C	FIRSN2 FSND	0437 0404	
SOUND 03FF LDSHE 03AA UNLIM3 039A CDIS 037A MAINLP 035B T3 0329 NOSET 02F4 LDMAGS 02BF LIM3 02B9 CON3 0255 DLYLP 0228 DSMPL1 0210 DISDLY 01FF HTDC 01C0 REPORT 01A8 END 017C PU1LP9 0146 PU1LP7 012A OLOOP 010E OUTBIT 00F2 ZERO 00E8 PUALPD 00D0 PUSND 00A9 DEATH 043D TABLE 08F0 XXXX 08EA P6DATA 08E6	NOMAG2 X30BU SHIELD RLSHL XLP T2 LDID NOMAGS DSCHK GRN2 DELPL1 DSMPL2 DISP IDDIS ENDLP DECTM PU1LP8 PU1LP6 SLOOP LOOUT DIELP PUALPC SEGDAT INT THITS CODE P5DATA	03F7 03AF 03C3 0388 0349 0323 02E5 02D5 029C 0253 0221 020D 01D2 0245 01D2 01D2 01D2 01D2 01D2 01D2 01D2 01D2	EXIT RLDLP CALDIS SHTRTN DISID NOSHD GREEN UNLIM CLRLP1 ZEROBL DELPL2 DISPMP B7SC NEXT HITDIS PU1LPB PLOOP PU1LP5 ENDSND HIOUT DTHSND PUALPB TIMER START RUNING STATBU TIME	03DC 039C 0382 0362 033B 0317 02E3 02C2 0298 023A 021E 020B 01C9 01AB 0276 0156 0156 011A 010A 00D9 00B4 0165 0288 08EC 08E8	CONT4 NOSHEL CDIS2 GUNSHT STLP FIRECD X30BUL LIM5 MAGDIS DISSET DELAY DISPL1 HTDC1 ENDLP2 DLYLPX PU1LPA TLOOP PU1LP4 DIELPB ONE PUALPE PUALPA NMI RESET SHDLFT INTSCR READ	03B4 03B5 037D 03DE 0335 0308 02D0 02BD 0261 0230 01C2 01A2 01B9 0153 0117 00FC 00E2 00D3 00AD 0066 0000 08EB 08E7 08E3	
ID 08E2 LEDS 08DE	SHEL RIGHT	08E1 08DD	MAGS LEFT	08E0 08DC	STATUS	08DF	