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Operating Instructions

For Model ___393A___

SOLAR FOX/SATANS HOLLOW

MIDWAY

```
        SL2                    START 2              SR2                5V
              x                    x    x                 x
LLP      SL1      SL3        LRP       x      RLP    SR1      SR3      RRP   ON   OFF
              SL5                    START1              SR5
    x        x    x    x         x    x    x    x    x    x    x         x
              SL4                                       SR4
              x                                         x
    SL6            SL7               COIN         SR6         SR7         POWER
      x          x                    x            x        x    x
                                                                          ON   OFF
```

1. Insert 393A card into "A" connector on TF-650, number side up.

2. Run a jumper from F2 pin 16 on the CPU board to the +5V supply of the test fixture.

3. Plug 20 pin connector to J1 of CPU board.

4. Plug 19 pin connector to J4 of sound I/O board.

5. Plug 23 pin connector to J5 of sound I/O board.

6. Plug 9 pin connector with key in #4 to J3 of I/O sound board.

7. Plug the other 9 pin connector into J2 of the CPU board.

8. Hook speaker up to audio leads.

9. Slide +5V switch to ON.

10. Slide POWER SWITCH to ON.

11. Controls are: SOLAR FOX

        COIN----------COIN 1)
        SR6-----------COIN 2) LED should lite when pushed..
        SR7-----------SERVICE SWITCH
        SL6-----------TILT
        START 1-------START FOR ONE OR TWO PLAYERS; PLAYER MOVE FAST
        START 2-------COCKTAIL MODE, MOVE FAST 2nd PLAYER
        SL7-----------RESET
        SR1-----------MOVE LEFT   )
        SR2-----------MOVE UP   )
        SR3-----------MOVE RIGHT) 1 & 2 Player controls for upright
        SR4-----------MOVE DOWN   )   mode...
        SR5-----------FIRE   )

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controls are for SOLAR FOX--cont'd.

```
SL1--------MOVE LEFT   )
SL2-------MOVE UP      )
SL3------MOVE RIGHT    )2 Player controls for cocktail mode
SL4-------MOVE DOWN    )
SL5-------FIRE         )
```

Controls are: SATANS HOLLOW

```
COIN------COIN 1         ) LED should lite when pushed
SR6-------COIN 2         )
SR7-------SERVICE SWITCH
SL6-------TILT
SL7-------RESET
START 1---1 PLAYER
START 2---2 PLAYER
SR1-------MOVE RIGHT
SR3-------MOVE LEFT
SR2-------FIRE
SR4-------SHIELD
SL1-------MOVE RIGHT     )
SL3-------MOVE LEFT      ) Cocktail mode switch B3 #2 OFF
SL2-------FIRE           )
SL4-------SHIELD         )
```

12. Hook up test fixture ground to board to remove hum bars,
     if present......

             ++++++SEE PAGE 3 FOR ROM SIGNATURES++++++

ROM SIGNATURES---SOLAR FOX

VIDEO GEN. BOARD

LOCATION	TYPE	PERSONALITY BOARD	SIGNATURE
A1	TMS2564	TMS2564	4009
B1	"	"	6527
C1	"	"	71A0
D1	"	"	3704

CPU BOARD

LOCATION	TYPE	PERSONALITY BOARD	SIGNATURE
G4	Intel 2732	2732/M24	3795
G5	"	"	CUFU
D4	462532	TMS2532/L-24M	7HP9
D5	"	"	0AF2
D6	"	"	96P2
D7	"	"	2515
B3	"	"	PP38
B4	"	"	APF2
B5	"	"	824C

SOUND I/O BOARD

LOCATION	TYPE	PERSONALITY BOARD	SIGNATURE
A7	TMS2532	TMS2532/L-24M	UP6H
A8	"	"	799P
A9	"	"	770A

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ROM SIGNATURES---SATANS HOLLOW

VIDEO GEN. BOARD

LOCATION	TYPE	PERSONALITY BOARD	SIGNATURE
A1	D2764-4	Intel 2764	2U57
B1	"	"	3U19
C1	"	"	6828
D1	"	"	2514

CPU BOARD

LOCATION	TYPE	PERSONALITY BOARD	SIGNATURE
G3	D2764-3	Intel 2764	FFA2
G4	D2764-3	"	HUA5
D2	D2764-4	"	HH28
D3	"	"	C392
D4	"	"	76H0
D5	"	"	CP45
D6	"	"	P6HA
D7	"	"	3CU3

SOUND/I/O BOARD

LOCATION	TYPE	PERSONALITY BOARD	SIGNATURE
A7	HN462532G	TMS2532/L-24M	62A2
A8	"	"	H083
A9	"	"	7UPH

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