The Sound Boards in FLASH games are provided with special modifications and require jumpering for ROM operation. This supplement provides procedures for modifying replacement Sound Boards to operate in FLASH and identifies the ROM jumper locations.

SOUND BOARD MODIFICATIONS FOR REPLACEMENT BOARDS

Sound Board modifications are required in two areas: The first reduces susceptibility of the Sound Board to noise and consists of adding two resistors and a jumper. The second improves the quality of the sound at the speaker and consists of changing the value of two resistors. Refer to the sketch on the reverse side and proceed as follows:

1. Connect a jumper on the solder side of the board between pins 39 and 40 of IC3.

2. Obtain two 10K, 10%, ¼-Watt resistors and connect them as indicated in the unused IC pad. This completes the modification to reduce susceptibility to noise. Steps 3 and 4 improve the sound quality.

3. Unsolder and remove R14 and R23 (100K).

4. Obtain two 4.7K, 10%, ¼-Watt resistors and solder them in place of the resistors removed in step 3.

5. Check that the jumpers are connected as indicated.