

## FLEX 2.0 on SWTPC 6800 with Percom LFD-400 FDC

This directory contains the files used to create a bootable FLEX 2.0 disk for a SWTPC 6800 computer with the Percom LFD-400 floppy disk controller. The MiniDOS PROM must be present on the Percom floppy controller as it is called by the disk drivers to perform disk operations.

The source file DISKIO.ASM contains the disk driver files that were created to support FLEX on the Percom controller. NEWDISK.ASM is the disk format routine for the Percom controller. The file PERBOOT.ASM is a FLEX utility for writing the Percom FLEX boot loader track zero, sector zero. These files are already incorporated into a bootable FLEX disk image in the "6800 Disk Images" folder (PERFLEX.DSK) and are included here for reference or modification. Use PC2FLOP in the "Disk Image Transfer" folder to write the PERFLEX.DSK image to a disk.

The boot command (D) built into SWTBUG will not boot Percom FLEX. Instead, use MiniDOS or MPX to boot. The commands below load sector zero from drive 1 into memory and the SWTBUG (or MIKBUG) G command executes the loaded sector. You can also boot from drive two or three by changing the load command (e.g., L 2000, L3000). The sector loads at \$2400 if you want to use a jump command instead.

MiniDos:

```
L 1000 FFFF  
$G
```

MPX:

```
>L 1000  
>X  
$G
```