This document was produced by SDC in performance of _____ DOD-SD-97 _____

NOTE
an internal working paper

System Development Corporation/2500 Colorado Ave./Santa Monica, California

Q-32 RESET FLIP-FLOPS OPERATION

The use of the "Reset FF" push button to stop a program can result in the subsequent action causing an error interrupt.

To avoid this problem, the "Program Stop" push button should be depressed to stop a program, then, if necessary, "Reset FF."

When the "Reset FF" is depressed, the computer stops in the middle of a cycle, internal "housekeeping" being left incomplete. However, the "Program Stop" operation permits the current cycle to complete, thus permitting various flip-flops not affected by "Reset FF" to be properly set.

Active Notes

Store Class Instructions

    001/00 Half-word mode with AOR, SOR, and ATR
    002/01 Twin mode with AOR, SOR, and ATR

Miscellaneous Class Instructions

    003/00 Use of U Modifier Codes with BSN and PER

Arithmetic Unit

    001/00 Half-word mode with AOR, SOR, and ATR
    002/01 Twin mode with AOR, SOR, and ATR

Manual Operations

    004/00 Q-32 Reset Flip-Flops Operation