

## Execution errors that cause a program check

Execution Error	Applicable to	
	Model 21	Model 22
Invalid operation code	Yes	No
Address out-of-bounds	Yes	Yes
Attempt to alter Common below 300	Yes	Yes
Bit 5 not set to 1 in a disc sector address	Yes	Yes
Numeric portion of any byte of a disc sector address exceeds 9	Yes	Yes
Numeric portion of any byte of an instruction exceeds 9	Yes	Yes
Add address instruction with LA not 0 or 1	No	Yes
I/O instruction to a non-existent device on an MDIOC partition	Yes	Yes
Write instruction on a clock partition	Yes	Yes

## Events that cause partition switching

(Applicable to all models)

Execution of a branch instruction that contains the branch variant 8

Partition time-out exceeded and execution of a successful branch instruction

Execution of a read or write instruction to an IOC device

Execution of a rewind operation on a magnetic tape drive

Execution of a read or write instruction to a disc drive already bound to another partition

Execution of a read or write instruction to a disc drive when the disc is free but not on cylinder

Power failure (Model 21 only)