IBM System/3 Model 12
Reference Card

GSD

Concurrent

Customer

Engineering

Diagnostics

IBM

```
──── PROGRAM 1 ────        ──── PROGRAM 2 ────
                    OFF
┌─────────┐                           ┌─────────┐
│  ┌┐     │                           │ ┌─┬─┐   │
│  │ │    │        AUX 2   AUX 2      │ │ │ │   │
│  │ └┐   │        AUX     AUX        │ └─┴─┘   │
│  └──┘   │                           │         │
└─────────┘                           └─────────┘
┌─────────┐        P-KB    P-KB       ┌─────────┐
│  HALT   │       (  ◀  )             │  HALT   │
│  RESET  │                           │  RESET  │
└─────────┘       CANCEL  CANCEL      └─────────┘

              ┌───────────┐
              │ INTERRUPT │
              └───────────┘
```
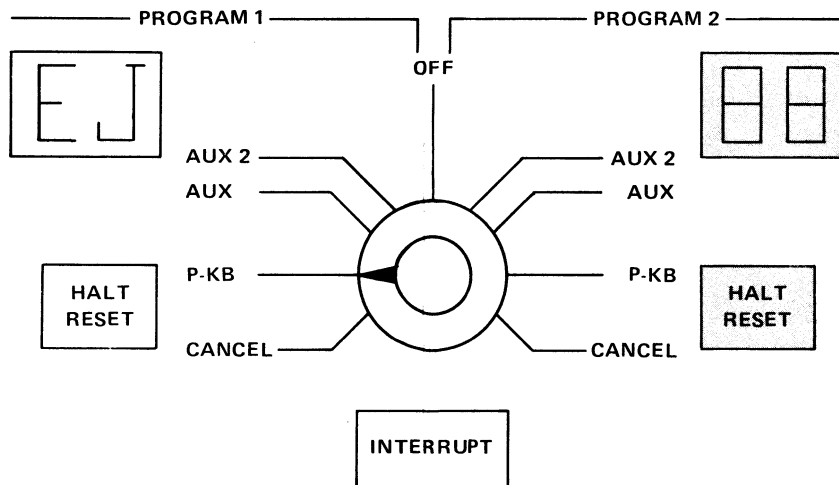
C.C.E.D. OPERATING PROCEDURES

Customer Set Up
- Minimum of 8K available in P1
- EJ Halt displayed in P1
- Device to be tested must not be assigned to a customer's program or program level.

Running Procedure
- Set Dual Program Select Switch to Program 1 P-KB
- Depress the INTERRUPT key
- When the 5471 PROCEED light comes on, enter the following OCL statements:
  //NAME JOB SPOOL-NO
  // LOAD $CEOLD,XX
  // RUN

NOTE 1:   If only the disk ERAP printout is desired, substitute $CEFF7 for $CEOLD in the load statement.

NOTE 2:   XX is the simulation area on the 3340 which contains the C.E. diagnostic programs. XX = F1, R1, F2, or R2.

All C.C.E.D. halts are indicated by 'cE' in the P1 stick lights accompanied by a printed Halt ID and/or a message on the 5471. (See Diagnostic User's Guide MDM Vol. 1A for Halt ID references.) For all other stick light halts, refer to the customers' halt guide.

To Respond To The 'cE' Halt
- Depress P1 HALT RESET
- Enter the desired response to the prompting message
- Depress the END key

To Terminate, Enter The Following
- EE - To terminate the device test
- EJ - To terminate C.C.E.D.
- Depress the END key

Comments concerning this publication may be addressed to IBM Corporation, C.E. Field Support, Department 90E, P. O. Box 1328, Boca Raton, FL, 33431. Comments become the property of IBM.

The test programs and routines supported are identified by three digits as indicated below.

512 - 1442	Function Test	
	001 - Variable length punch	
	002 - Card image read	
	003 - Ripple punch	
	004 - Ripple read	
	005 - Stacker select	
515 - 1442	Read Evaluation and Adjustment Test	
C1B - 3340	Data Module Scan Test	
E01 - 5203	Printer Function Test	
	007 - Start I/O commands	
	008 - Carriage space-skip	
	009 - H & T print quality	
	00A - Paper settling	
	00B - Worse case print	
	00C - Ripple print pattern	
	00D - Unprintable character	
E03 - 5203	Chain Character Counter Test (48 Character)	
E06 - 5203	Chain Emitter Timing Test (48 Character)	
E12 - 1403	Printer Function Test	
	006 - Unprintable character	
	007 - Start I/O commands	
	008 - Carriage space-skip	
	009 - H & T print quality	
	00A - Paper settling	
	00B - Worse case print	
	00C - Ripple print pattern	
E13 - 1403	Chain Character Counter Test (48 Character)	
E14 - 1403	Chain Emitter Timing Test (48 Character)	
E15 - 1403	Carriage Function Test	
	001 - Carriage timing analysis	
	004 - Carriage emitters	
E18 - 1403	Printer Carriage Single Shots Check	
F01 - 5424	MFCU Function Test	
	004 - Commands	
	005 - Stacker select	
F02 - 5424	MFCU Function Test	
	001 - Ripple punch	
	002 - Ripple read	
	003 - Ripple print	
	004 - Print H in all positions	
	005 - Print - in all positions	
	006 - Print 1 in all positions	
	007 - Print character entered via printer keyboard.	
	008 - Print characters entered via printer keyboard.	
	009 - Print characters entered by a data card	
F03 - 5424	MFCU Read Evaluation and Adjustment Test	
FF7 - 3340	ERAP	