

Indicators in 1401 computer

<u>Indicator</u>	<u>Turned on by:</u>	<u>Indicator test & modifier</u>	<u>Reset</u>
Channel 9	Sensing punch in channel 9 of carriage control tape	9	Next punch in carriage control tape
Channel 12	Sensing punch in channel 12 of carriage control tape	0	Next punch in carriage control tape
Last Card	Last card reading into memory and SWA on	A	1) Turning SWA off or 2) Pressing start reset key on control or 3) Pressing LOAD key on card reader
Sense Switch B	Operator	B	Operator
Sense Switch C	Operator	C	Operator
Sense Switch D	Operator	D	Operator
Sense Switch E	Operator	E	Operator
Sense Switch F	Operator	F	Operator
Sense Switch G	Operator	G	Operator
End of reel	1. Sensing the tape mark on an input tape or 2. The reflective spot on an output tape	K	By testing the switch
Tape transmission error	An error on input or output tape	L	The next tape select command
Access inoperable	Faulty access arm in RAMAC or invalid disk address	N	Next disk storage operation
Card Reader Error if I/O Check Stop Switch is off	1. Invalid card code or 2. Hole count check error	†	By testing Switch
Card punch error if I/O Check Stop Switch is off	Hole count check error	- 0	By testing Switch
Printer busy (Print storage feature)	Print information entering print storage	P	84 ms. after it is turned on
Printer Error if I/O Check Stop Switch is off	Character at the print mechanism is not the same as that sent from storage	+	By testing Switch
Unequal compare	After comparing 2 unequal numbers	/	Next compare instruction
Inquiry clear	When 1401 is in the run mode and 1407 clear key-light is pressed	*	1. When a console inquiry instruction is processed or 2. The start reset key on the console is pressed.

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Inquiry request	When 1401 is in the run mode and request enter key light is pressed	Q	1. After console inquiry is processed or 2. The start reset key on the console is pressed or 3. The clear key on the 1407 is pressed
Printer carriage busy (print storage feature)	Forms movement	R	After forms movement
Equal Compare	After comparing 2 equal numbers	S	Next compare instruction
Low compare	After comparing B A	T	Next compare instruction
High compare	After comparing B A	U	Next compare instruction
Read or Write Parity Check Read Back Check error	1. Even bit parity while reading or writing record address and information on a disk or 2. Unequal comparing during a write check operation	V	Any disk operation except SEEK DISK
Wrong length record	Reading or writing a record on disk not equal to 200 or 1000 characters in M mode or 176 Or 880 characters in L mode	W	Any disk operation except SEEK DISK
Unequal address compare (need not to be programmed)	Unequal condition during checking address in storage with record address in disk	X	Any disk operation except SEEK DISK
Any disk unit error	1. Read-write parity check or 2. Wrong length record or 3. Unequal address compare	Y	Any disk operation except SEEK DISK
Overflow	After an arithmetic operation a carry out of the high order position of the B field	Z	By testing Switch
Processing check with Process Check Switch off	Any processing error	☼	By testing Switch
