

Proposed Design Revision
for Chapter 5 Computer

It is generally known that the Chapter 5 computer is somewhat lacking in certain operations to which we as programmers have become accustomed. Therefore, the macro-instructions shall be changed to a two word format so as to accommodate a number of new functions. The first word is the instruction, the second a constant or address as necessary. The opcodes to be added to the present system are listed below:

<u>OPCODE</u>	<u>DESCRIPTION</u>
AAC	Alter All Commands
AAR	Alter At Random
AB	Add Backwards
AFVC	Add Finagle's Variable Constant
AIB	Attack Innocent Bystander
ATT	Assemble with Tinker Toys
BAC	Branch to Alpha Centauri
BAF	Blow all Fuses
BBIL	Branch on Burned out Indicator Light
BBT	Branch on Binary Tree
BEW	Branch Both Ways
BCIL	Branch Creating Infinite Loop
BDC	Break Down and Cry
BDT	Burn Data Tree
BEW	Branch Either Way
BF	Belch Fire
BH	Branch and Hang
BB	Branch on Bug
BOI	Byte Operator Immediately
BPDI	Be Polite, Don't Interrupt
BPO	Branch on Power Off
BS	Branch on Sunspot
BST	Backspace and Stretch Tape
BW	Branch on Whim
CNC	Close but No Cigar
CDC	Close Disk Cover
CEMWUS	Close Eyes and Monkey with User Space
CH	Create Havoc
CR	Clobber Register
CM	Circulate Memory
CMD	Compare Meaningless Data

CNB	Cause Nervous Breakdown
COLB	Crash on Operator's Lunch Break
CRFP	Crumble and Rip Printer Paper
CRN	Convert to Roman Numerals
CS	Crash System
CSL	Curse and Swear Loudly
CU	Convert to Unary
CG	Convert to Garbage
DBTF	Drop Back Ten and Punt
DZ	Divide by Zero
DC	Divide and Conquer
DDC	Dally During Calculations
DLN	Don't Look Now
DWIM	Do What I Mean (Not what I say)
DMPE	Decide to Major in Phys. Ed.
DMPK	Destroy Memory Protect Key
DOC	Drive Operator Crazy
DFMI	Declare Programmer Mentally Incompetent
DP	Destroy Program
DTE	Decrement Telephone Extension
D3VL	Destroy Third Variable from Left
DW	Destroy World
EBB	Edit and Blank Buffer
ECO	Electrocute Computer Operator
EEOI	Execute Every Other Instruction
EFUDP	Emulate Frisbee with Disk Pack
EIO	Execute Invalid Opcode
EPC	Emulate Pocket Calculator
ENF	Emit Noxious Fumes
EP	Execute Programmer
EROM	Erase ROM
FLI	Flash Lights Impressively
FSM	Fold Spindle and Mutilate
GCAR	Get Correct Answer Regardless
GDF	Grin Defiantly at Programmer
GFM	Go Forth and Multiply
GFD	Go Forth and Divide
HCF	Halt and Catch Fire
HCP	Hide Central Processor
IAE	Ignore All Exceptions
IBP	Insert Bug and Proceed
ISC	Insert Sarcastic Comments
JTZ	Jump to Twilight Zone
LAP	Laugh at Programmer
LPA	Lead Programmer Astray
MAZ	Multiply Answer by Zero
MAPN	Multiply Answer by Page Number
MLR	Move and Lose Record
MW	Malfunction Whenever
MWAG	Make Wild-Assed Guess
MWT	Malfunction Without Telling
OML	Obeey Murphy's Law

PD	Punch Disl
PEHC	Punch Extra Holes in Cards
PFD	Punt on Fourth Down
PNRP	Print Nasty Replies to Programmer
POI	Punch Operator Immediately
RA	Randomize Answer
RSC	Read and Shred Card
RCB	Read Command Backwards
RDA	Refuse to Disclose Answer
RDB	Run Disk Backwards
RIG	Read Inter-record Gap
RLI	Rotate Left Indefinitely
RDC	Randomize Op-codes
RPM	Read Programmer's Mind
RTS	Return to Sender
RCR	Rewind Card Reader
SAS	Sit and Spin
SCCA	Short Circuit on Correct Answer
SFH	Set Flags to Half-mast
SFT	Stall for Time
SB	Shift a Bit
SBM	Shift a Bit More
SLP	Sharpen Light Pen
SFSW	Scramble Program Status Word
SRSD	Seek Record and Scar Disk
SRZ	Subtract and Reset to Zero
SA	Store Anywhere
TARC	Take Arithmetic Review Course
TILO	Turn Indicator Lights Off
IN	Take a Nap
TPDH	Tell Programmer to Do it Himself
TPO	Turn Power Off
UCB	Uncouple CPU and Branch
UER	Update and Erase Record
UP	Understand Program
WBT	Water Binary Tree
WEMG	Write Eighteen Minute Gap
WF	Wait Forever
WI	Write Illegibly
WPM	Write Programmer's Mind
WNLR	Write WXrong Lengthed Record
WSWW	Work in Strange and Wondorous Ways
ESP	Execute System's Programmer
ZAR	Zero Any Register