

DDP-24 CHARACTER CODES

OCTAL CODE	TYPEWRITER		PAPER TAPE							
	L/C	U/C	8	7	6	5	4	3	2	1
00	Ø	b			o	*				
01	1					*				o
02	2					*				
03	3				o	*			o	o
04	4	:				*	o			
05	5	@			o	*	o			o
06	6	√			o	*	o	o		o
07	7	>				*	o	o	o	
10	8				o	*				
11	9				o	o	*			o
13	#	-			o	*	o		o	o
20	*	€			o	*				
21	/				o	o	*			o
22	S				o	o	*			o
23	T				o	*			o	o
24	U	=			o	o	*			o
25	V	%			o	o	*		o	o
26	W	"			o	o	*		o	o
27	X	'			o	o	*	o	o	o
30	Y				o	o	*			
31	Z				o	o	*			o
33	,				o	o	*	o	o	o
36	tab				o	o	*	o	o	o
40	-	-			o	*				
41	J				o	o	*			o
42	K				o	o	*			o
43	L				o	*			o	o
44	M	)			o	o	*	o		
45	N	*			o	*			o	o
46	O	Δ			o	*			o	o
47	P	;			o	o	*	o	o	o
50	Q				o	o	*			o
51	R				o	o	*			o
53	S				o	o	*		o	o
54	backspace*				o	*		o	o	**
56	space				o	o	*		o	o
60	&	&			o	o	*			
61	A				o	o	*			o
62	B				o	o	*			o
63	C				o	o	*		o	o
64	D	(			o	o	*		o	
65	E	□			o	o	*		o	o
66	F	/			o	o	*		o	o
67	G	<			o	o	*		o	o
70	H				o	o	*			
71	I				o	o	*			o
73	.	v			o	o	*		o	o
74	lower shift				o	o	*		o	o
75	upper shift				o	o	*		o	o
76	car. return				o	o	*		o	o
77	line feed				o	o	*		o	o
stop	backspace*				o	*				

\*\*This code can only be punched when the computer is punching the tape under program control.

\*If the backspace key is depressed either on-line or off-line, a stop code will be generated; if the typewriter receives the code (54<sub>8</sub>) either on-line or off-line, the carriage will be backspaced.

SUMMARY OF DAP PSEUDO-OPERATIONS

COMMONLY USED OCP ADDRESS CODES FOR STANDARD EQUIPMENT

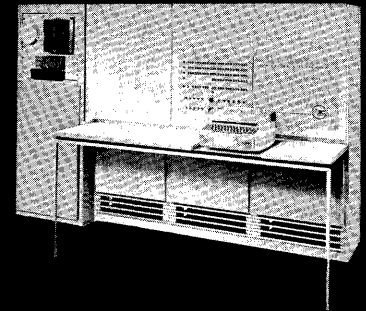
00000	Enable both character channels (Input and Output)
00001	Enable input word channel
00002	Enable output word channel
01000	Punch stop code
02000	Typewriter input select (keyboard enabled)
02010	Typewriter output select (keyboard inhibited)
02070	Disconnect standard I/O devices
02100	Paper tape reader select
02200	Paper tape punch select

COMMONLY USED SKS ADDRESS CODES FOR STANDARD EQUIPMENT

00001	Sense switch #1
00002	Sense switch #2
00004	Sense switch #3
00010	Sense switch #4
00020	Sense switch #5
00040	Sense switch #6
00100	Parity error
00200	Improper divide indicator
00400	Overflow indicator
01000	Stop code
11000	Word output channel ready
12000	Word input channel ready
14000	Character I/O channel ready

PSEUDO-OP	DESCRIPTION	SYMBOL IN LOC	ADDRESS			
			SYMBOL	OCTAL	DECIMAL	COMPOUND
ABS	Absolute					
BCI	Binary Coded Information	X				
BES	Block Ending Symbol	X	X	X	X	X
BSS	Block Starting Symbol	X	X	X	X	X
CALL	Subroutine Linkage	X	X			
DEC	Decimal constant	X			X	
ENBI	ITC with bit 10 = 1	X	X	X	X	X
END	End of program					
ENDM	End of macro					
EQU	Equals	X	X	X	X	X
INAM	INA with bit 10 = 1	X	X	X	X	X
INHI	ITC with bit 10 = 0	X	X	X	X	X
LIST	Produce Listing					
MAC	Macro definition	X	X	X	X	
MOR	More tape					
MZE	Minus Zero	X	X	X	X	X
NLST	Do Not Produce Listing					
NTRY	Subroutine Entry		X			
OCT	Octal Constant	X		X		
ORG	Program Origin	X	X	X	X	X
OTAM	OTA with bit 10 = 1	X	X	X	X	X
PZE	Plus Zero	X	X	X	X	X
REL	Relocatable					
RTRN	Subroutine Exit	X	X			X
SWT	Sense Switch Test	X	X	X	X	X

NOTE: 1. The assembly program (DAP) will recognize the & (60<sub>8</sub>) as a +  
2. The assembly program (DAP) will recognize the line feed (77<sub>8</sub>) as a delete



PROGRAMMER'S REFERENCE CARD



