

OPERATE

HLT	0000	halt	1.6
NOP	0016	no operation	1.6
CLR	0011	clear AC, link, and MQ	1.6
SET	0040	set register number to contents of Y	4.8
JMP	6000	jump unconditionally	3.2
ESF	0004	AC → special function register	1.6
SFA	0024	special function register → AC	1.6

LOGICAL OPERATIONS

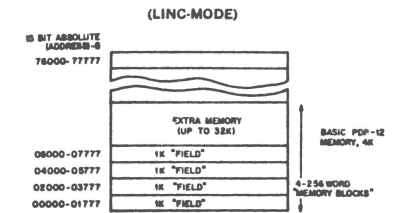
BCL	1540	logical AND	3.2
BSE	1600	inclusive OR	3.2
BCO	1640	exclusive OR	3.2
COM	0017	compliment AC	1.6

SKIP

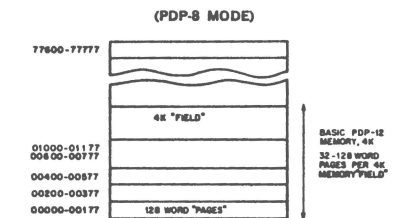
SAE	1440	skip on C (AC) = C (Y)	3.2
SHD	1400	skip if half words differ	3.2
SNS	0440	skip on sense switch	1.6
AZE	0450	skip on AC=0	1.6
APO	0451	skip on AC=positive	1.6
LZE	0452	skip on link=0	1.6
SXL	0400	skip on external level n	1.6
KST	0415	skip on KBD flag	1.6
FLO	0454	skip on overflow	1.6
QLZ	0455	skip on MQ bit 11	1.6
SRO	1500	skip on status of bit 0 of register Y and rotate	3.2
IBZ	0453	skip on tape inter block zone	1.6
SKP	0446	skip unconditionally	1.6
XSK	0200	skip on 1777	3.2
STD	0416	skip on tape done	1.6
TWC	0417	skip on tape word complete	1.6

INPUT-OUTPUT

ATR	0014	AC → relay buffer	1.6
RTA	0015	relay buffer → AC	1.6
SAM	0100	sample analog channel n	1.6-18.2
DIS	0140	display point on scope	3.2-16
DSC	1740	display character on scope (6 x 2 matrix)	4.8-51*
RSW	0516	right switches → AC	1.6
LSW	0517	left switches → AC	1.6
PDP	0002	transfer to PDP-8 mode	1.6
IOB	0500	execute I/O operation	5.9



(each field contains 15 auto-index registers)
 "Trap" is location 0140 (C(PC) → 0140)
 Interrupt is location 0040 (C(PC) → 0040)



(each field contains 8 auto-index registers)
 Interrupt is location 0000 (C(PC) → 0000)