



# DECUS

## PROGRAM LIBRARY

DECUS NO.

8-111

TITLE

DISKLOOK (Listing)



135977 030 DAVID KRISTOL  
CONTROL DICTIONARY

IBMAP ASSEMBLY DSKLK

12/04/67

PAGE 98

\$IBLDR DSKLK 12/C4/67  
\$CDICT DSKLK

DSKLOCC1  
DSKLCC2

BINARY CARD 0000  
J00 0400600000  
0000000002  
001 246242434260  
040007000000  
002 434623330060  
100000000000

PREFACE MODE=REL,PROGRAM-START=00000  
DSKLK DKNAM DECK-START=00000,DECK-END=40006  
LOC.0 ENTRY AT 00000

\$TEXT DSKLK

DSKL0004

BINARY CARD 00000

```

UNLIST PDP-8 DEFINITIONS 6/1/67 (30 CARDS)          LUK00010  1
* DISKLOOK - UTILITY PROGRAM TO EXAMINE AND ALTER 32K DF32 DISK  LUK000310 29
* BY M.S. WOLFBERG                                           LUK000320 30
*                                                             LUK000330 31
*                                                             LUK000340 32
OCTADR MONITO,7600                                       LUK000350 33
OCTADR L7750,7750                                        LUK000360 34
OCTADR L7751,7751                                       LUK000370 35
*                                                             LUK000380 36
DEFINE DEAL,6615 DISK IOT'S                             LUK000390 37
DEFINE DFSE,6621                                        LUK000400 38
DEFINE DFSC,6622                                        LUK000410 39
*                                                             LUK000420 40
CCTORG 200                                               LUK000430 41
C300 CLA CLL      USED                                  LUK000440 42
      TLS          FORCE FLAG ON                       LUK000450 43
      RIF          LUK000460 44
      TAD =06201   CDF                                LUK000470 45
      DCA CDFI    LUK000480 46
      TAD CDFI    LUK000490 47
      CCA DISK1   LUK000500 48
CDFI ***          SET D.F. TO I.F.                    LUK000510 49
CR1 KCC          LUK000520 50
      JMS CRLF    LUK000530 51
      TAD LOOK1   'SZA CLA'                           LUK000540 52
      DCA SLASH3  SET SWITCH                          LUK000550 53
CR2 DCA OREG     NO OPEN REGISTER                    LUK000560 54

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BINARY CARD 00001

```

00215 1000 03 0 00342 10001   DCA TYO          NO EXPRESSION YET          LUK000570 55
00216 1000 03 0 00363 10001   DCA BLOCKH      INITIALIZE BLOCK NUMBER    LUK000580 56
00217 1000 03 0 00362 10001   DOT1 CCA BLOCKL LUK000590 57
00220 1000 03 0 00361 10001   CCA EXPRH      CLEAR EXPRESSION          LUK000600 58
00221 1000 03 0 00360 10001   LISTEN CCA EXPRL UPDATE EXPRESSION    LUK000610 59
00222 0000 00 0 00331 10000   KSF           READ              LUK000620 60
00223 1000 05 0 00222 10001   JMP #-1       LUK000630 61
00224 0000 00 0 00036 10000   KRB          LUK000640 62
00225 1000 03 0 00207 10001   DCA CHARAC    SAVE CHAR              LUK000650 63
00226 1000 01 0 00355 10001   TAD CTABLE   TABLE-1              LUK000660 64
00227 1000 03 0 00334 10001   DCA PNTR     POINTER TO DISPATCH TABLE LUK000670 65
00230 1000 02 0 00334 10001   LGOOK ISZ PNTR INDEX POINTER    LUK000680 66
00231 1000 61 0 00334 10001   TAD* PNTR    GET ENTRY             LUK000690 67
00232 0000 00 0 07510 10000   SPA          END TEST              LUK000700 68
00233 1000 05 0 00257 10001   JMP DIGIT    YES, CHECK FOR DIGIT  LUK000710 69
00234 0000 00 0 07161 10000   CIA STL     LUK000720 70
00235 1000 01 0 00207 10001   TAD CHARAC   ADD BACK CHARACTER     LUK000730 71
00236 1000 02 0 00334 10001   ISZ PNTR     INDEX POINTER          LUK000740 72
00237 0000 00 0 07640 10000   LOCK1 SZA CLA MATCH, USED   LUK000750 73

```

BINARY CARD 00002

```

00240 1000 05 0 00230 10001   JMP LGOOK    NO              LUK000760 74
00241 1000 01 0 00342 10001   TAD TYO      LINK NOW CLEARED    LUK000770 75

```

00242	0000	00	0	07650	10000	SNA CLA	ANY EXPRESSION YET	LUK00780	76
00243	0000	00	0	07120	10000	STL	NO	LUK00790	77
00244	1000	01	0	00334	10001	TAD PNTR		LUK00800	78
00245	1000	01	0	00356	10001	TAD MTABLE	-TABLE1	LUK00810	79
00246	0000	00	0	07710	10000	SPA CLA	SHOULD CHAR. BE ECHOED	LUK00820	80
00247	1000	05	0	00253	10001	JMP **4	NO	LUK00830	81
00250	0000	00	0	07020	10000	CML	PRESERVE LINK	LUK00840	82
00251	1000	01	0	00207	10001	TAD CHARAC		LUK00850	83
00252	1000	04	0	00342	10001	JMS TYO	ECHO CHARACTER	LUK00860	84
00253	1000	61	0	00334	10001	TAD* PNTR		LUK00870	85
00254	1000	03	0	00334	10001	DCA PNTR	SET UP DISPATCH ADDRESS	LUK00880	86
00255	1000	01	0	00360	10001	TAD EXPRL		LUK00890	87
00256	1000	65	0	00334	10001	JMP* PNTR	DISPATCH	LUK00900	88

00257	0000	00	0	06036	10000	DIGIT KRB	READ CHAR. AGAIN	LUK00920	90
00260	1000	01	0	00264	10001	TAD M270		LUK00930	91
00261	0000	00	0	07500	10000	SMA		LUK00940	92
00262	1000	05	0	00330	10001	JMP ERROR		LUK00950	93

BINARY CARD 00003

00263	1000	01	0	00353	10001	TAD =D10		LUK00960	94
00264	0000	00	0	07510	10000	M270 SPA		LUK00970	95
00265	1000	05	0	00330	10001	JMP ERROR	NOT OCTAL DIGIT	LUK00980	96
00266	1000	03	0	00334	10001	DCA PNTR	SAVE DIGIT	LUK00990	97
00267	1000	01	0	00207	10001	TAD CHARAC		LUK01000	98
00270	1000	04	0	00342	10001	JMS TYO	ECHO DIGIT	LUK01010	99
00271	1000	01	0	00360	10001	TAD EXPRL		LUK01020	100
00272	0000	00	0	07006	10000	RTL		LUK01030	101
00273	0000	00	0	07006	10000	RTL		LUK01040	102
00274	1000	00	0	00352	10001	AND =D7		LUK01050	103
00275	1000	03	0	00361	10001	DCA EXPRH	SAVE HIGH ORDER DIGIT	LUK01060	104
00276	1000	01	0	00360	10001	TAD EXPRL		LUK01070	105
00277	0000	00	0	07104	10000	CLL RAL		LUK01080	106
00300	0000	00	0	07104	10000	CLL RAL		LUK01090	107
00301	0000	00	0	07104	10000	CLL RAL		LUK01100	108
00302	1000	01	0	00334	10001	TAD PNTR	ADD IN NEW DIGIT	LUK01110	109
00303	1000	05	0	00221	10001	JMP LISTEN	GO UPDATE EXPRESSION	LUK01120	110

DISP	MACRO A,B	LUK01140	112
	OCT A	LUK01150	113
	PZE B	LUK01160	114
	ENDM DISP	LUK01170	115

00304	2	00000	0	00000	00001	TABLE BSS 0		LUK01190	117
						DISP 203,CTRLC		LUK01200	118

BINARY CARD 00004

						CLF DISP 212,LF		LUK01210	119
						CCR DISP 215,CR		LUK01220	120
00312	2	00000	0	00000	00001	TABLE1 BSS 0	ABOVE CHARS. ARE NOT ECHOED	LUK01230	121
						DISP 256,OCT		LUK01240	122
						DISP 257,SLASH		LUK01250	123
						DISP 274,LESS		LUK01260	124

DISP 276,GREAT  
DISP 314,LLIMST  
DISP 315,MASKST

LUK01270 17  
LUK01280 12  
LUK01290 127

BINARY CARD 00005

DISP 325,ULIMST

LUK01300 128

00330 0000 00 0 07240 10000  
00331 1000 01 0 00200 10001  
00332 1000 04 0 00342 10001  
00333 1000 05 0 00210 10001

ERRROR CLA CMA  
TAD C300  
JMS TYO  
JMP CRI

USED, MINUS AS END OF TABLE  
TYPE QUES. MARK

LUK01320 130  
LUK01330 131  
LUK01340 132  
LUK01350 133

00334 0 00000 0 00000 10000  
00335 1000 01 0 00310 10001  
00336 1000 04 0 00342 10001  
00337 1000 01 0 00306 10001  
00340 1000 04 0 00342 10001  
00341 1000 65 0 00334 10001

CRLF \*\*\*  
TAD CCR  
JMS TYO  
TAD CLF  
JMS TYO  
JMP\* CRLF

TYPE CR,LF

LUK01370 135  
LUK01380 136  
LUK01390 137  
LUK01400 138  
LUK01410 139  
LUK01420 140

00342 0 00000 0 00000 10000  
00343 0000 00 0 07450 10000  
00344 1000 01 0 00330 10001  
00345 0000 00 0 06041 10000  
00346 1000 05 0 00345 10001  
00347 0000 00 0 06046 10000

TYO \*\*\*  
SNA  
TAD ERROR  
TSF  
JMP \*-1  
TLS

TYPE CHARACTER  
SPACE

LUK01440 142  
LUK01450 143  
LUK01460 144  
LUK01470 145  
LUK01480 146  
LUK01490 147

BINARY CARD 00006

00350 0000 00 0 07200 10000  
00351 1000 65 0 00342 10001

CLA  
JMP\* TYO

LUK01500 148  
LUK01510 149

LINKS  
LITORG  
LITERALS

LUK01530 151  
LUK01540 152  
LUK01550 153

00352 000000000007 10000  
00353 000000000010 10000  
00354 000000006201 10000  
00355 0 00000 0 00303 10001  
00356 -0 00000 0 00312 10001  
00357 0 00000 0 00000 10000  
00360 0 00000 0 00000 10000  
00361 0 00000 0 00000 10000  
00362 0 00000 0 00000 10000  
00363 0 00000 0 00000 10000  
00334  
00207

CTABLE PZE TABLE-1  
MTABLE MZE TABLE1  
DREG \*\*\*  
EXPRL \*\*\*  
EXPRH \*\*\*  
BLOCKL \*\*\*  
BLOCKH \*\*\*  
PATR EQU CRLF  
CHARAC EQU CDFI

REGISTER OPEN IF -1  
EXPRESSION (LOW 12 BITS)  
EXPRESSION (HIGH 3 BITS)  
BLOCK NUMBER (LOW 12 BITS)  
BLOCK NUMBER (HIGH THREE BITS)  
TEMP  
TEMP

LUK01550 157  
LUK01560 158  
LUK01570 159  
LUK01580 160  
LUK01590 161  
LUK01600 162  
LUK01610 163  
LUK01620 164  
LUK01630 165

		PAGE	LUK01650	167
BINARY CARD 00007				
00400	1000 04 0 00712 10001	CR JMS STORE	LUK01660	168
00401	1000 05 0 00210 10001	JMP CR1	LUK01670	169
00402	0000 00 0 07610 10000	GREAT SKP CLA	LUK01690	171
00403	0000 00 0 07610 10000	LESS SKP CLA	LUK01700	172
00404	1000 01 0 00530 10001	TAD =010	LUK01710	173
00405	1000 01 0 00445 10001	TAD SEAR7	LUK01720	174
00406	1000 03 0 00425 10001	DCA SEAR2	LUK01730	175
00407	1000 03 0 00507 10001	DCA SLASH3	LUK01740	176
00410	1000 03 0 00357 10001	DCA OREG	LUK01750	177
00411	1000 01 0 00360 10001	TAD EXPRL	LUK01760	178
00412	1000 00 0 00534 10001	AND MASK	LUK01770	179
00413	0000 00 0 07041 10000	CIA	LUK01780	180
00414	1000 03 0 00543 10001	DCA TEMP	LUK01790	181
00415	1000 01 0 00535 10001	TAD LOWL	LUK01800	182
00416	1000 03 0 00541 10001	DCA PTL	LUK01810	183
00417	1000 01 0 00536 10001	TAD LOWH	LUK01820	184
00420	1000 03 0 00542 10001	DCA PTH	LUK01830	185
BINARY CARD 00010				
00421	1000 04 0 00656 10001	SEAR1 JMS DISK	LUK01840	186
00422	1000 01 0 00360 10001	TAD EXPRL	LUK01850	187
00423	1000 00 0 00534 10001	AND MASK	LUK01860	188
00424	1000 01 0 00543 10001	TAD TEMP	LUK01870	189
00425	0 00000 0 00000 10000	SEAR2 ***	LUK01880	190
00426	1000 05 0 00460 10001	JMP LF1	LUK01890	191
00427	1000 01 0 00541 10001	SEAR4 TAD PTL	LUK01900	192
00430	0000 00 0 07041 10000	CIA	LUK01910	193
00431	1000 01 0 00537 10001	TAD HIGHL	LUK01920	194
00432	0000 00 0 07650 10000	SNA CLA	LUK01930	195
00433	1000 05 0 00442 10001	JMP SEAR6	LUK01940	196
00434	1000 02 0 00541 10001	SEAR5 ISZ PTL	LUK01950	197
00435	0000 00 0 07410 10000	SKP	LUK01960	198
00436	1000 02 0 00542 10001	ISZ PTH	LUK01970	199
00437	0000 00 0 06031 10000	KSF	LUK01980	200
00440	1000 05 0 00421 10001	JMP SEAR1	LUK01990	201
00441	1000 05 0 00210 10001	JMP CR1	LUK02000	202
00442	1000 01 0 00542 10001	SEAR6 TAD PTH	LUK02020	204
00443	0000 00 0 07041 10000	CIA	LUK02030	205
BINARY CARD 00011				
00444	1000 01 0 00540 10001	TAD HIGHH	LUK02040	206
00445	0000 00 0 07640 10000	SEAR7 SZA CLA	LUK02050	207
00446	1000 05 0 00434 10001	JMP SEAR5	LUK02060	208
00447	1000 05 0 00210 10001	JMP CR1	LUK02070	209
00450	1000 04 0 00712 10001	LF JMS STORE	LUK02090	211

00451	1000	02	0	00532	10001	ISZ	LOCL						
00452	0000	00	0	07410	10000	SKP							
00453	1000	02	0	00533	10001	ISZ	LOCH					LUK02100	212
00454	1000	01	0	00532	10001	TAD	LOCL					LUK02110	213
00455	1000	03	0	00541	10001	DCA	PTL					LUK02120	214
00456	1000	01	0	00533	10001	TAD	LOCH					LUK02130	215
00457	1000	03	0	00542	10001	OCA	PTH					LUK02140	216
00460	1000	04	0	00334	10001	LF1	JMS	CRLF				LUK02150	217
00461	1000	01	0	00542	10001	TAD	PTH					LUK02160	218
00462	1000	04	0	00600	10001	JMS	TYDIG					LUK02170	219
00463	1000	01	0	00541	10001	TAD	PTL					LUK02180	220
00464	1000	04	0	00605	10001	JMS	OCPT					LUK02190	221
00465	1000	01	0	00531	10001	TAD	=0257					LUK02200	222
00466	1000	04	0	00342	10001	JMS	TYO			TYPE SLASH		LUK02210	223
												LUK02220	224
												LUK02230	225
BINARY CARD 00012													
00467	1000	05	0	00477	10001	JMP	SLASH1					LUK02240	226
00470	1000	04	0	00626	10001	SLASH	JMS	EVLE					
00471	1000	03	0	00541	10001	DCA	PTL					LUK02260	228
00472	1000	01	0	00361	10001	TAD	EXPRH					LUK02270	229
00473	1000	03	0	00542	10001	DCA	PTH					LUK02280	230
00474	1000	01	0	00357	10001	TAD	DREG					LUK02290	231
00475	0000	00	0	07710	10000	SPA	CLA			IS REGISTER ALREADY OPEN		LUK02300	232
00476	1000	05	0	00503	10001	JMP	SLASH2			YES		LUK02310	233
00477	1000	01	0	00541	10001	SLASH1	TAD	PTL				LUK02320	234
00500	1000	03	0	00532	10001	OCA	LOCL					LUK02330	235
00501	1000	01	0	00542	10001	TAD	PTH					LUK02340	236
00502	1000	03	0	00533	10001	DCA	LOCH					LUK02350	237
00503	1000	04	0	00342	10001	SLASH2	JMS	TYO		TYPE SPACE		LUK02360	238
00504	1000	04	0	00656	10001	JMS	DISK			FETCH ONE WORD		LUK02370	239
00505	1000	01	0	00360	10001	TAD	EXPRL					LUK02380	240
00506	1000	04	0	00605	10001	JMS	OCPT			TYPE CONTENTS		LUK02390	241
00507	0	00000	0	00000	10000	SLASH3	***			'SZA CLA' OR 'O'		LUK02400	242
00510	1000	05	0	00427	10001	JMP	SEAR4					LUK02410	243
00511	1000	04	0	00342	10001	JMS	TYO			TYPE SPACE		LUK02420	244
												LUK02430	245
BINARY CARD 00013													
00512	0000	00	0	07240	10000	CLA	CMA						
00513	1000	05	0	00214	10001	JMP	CR2					LUK02440	246
												LUK02450	247
00514	1000	03	0	00534	10001	MASKST	DCA	MASK		MASK SET			
00515	1000	05	0	00210	10001	JMP	CR1					LUK02470	249
												LUK02480	250
00516	1000	04	0	00626	10001	LLIMST	JMS	EVLE					
00517	1000	03	0	00535	10001	CCA	LOWL					LUK02500	252
00520	1000	01	0	00361	10001	TAD	EXPRH					LUK02510	253
00521	1000	03	0	00536	10001	CCA	LOWH					LUK02520	254
00522	1000	05	0	00210	10001	JMP	CR1					LUK02530	255
												LUK02540	256
00523	1000	04	0	00626	10001	ULIMST	JMS	EVLE					
												LUK02560	258



00524	1000 03 0 00537 10001	DCA HIGHL				
00525	1000 01 0 00361 10001	TAD EXPRH			LUK02570	259
00526	1000 03 0 00540 10001	DCA HIGHH			LUK02580	260
00527	1000 05 0 00210 10001	JMP CR1			LUK02590	261
					LUK02600	262
		LINKS				
		LITORG			LUK02620	264
		LITERALS			LUK02630	265
00530	000000000010 10000					266
BINARY CARD 00014						
00531	00000000257 10000					
00532	00000000000 10000	LCCL OCT 0	CURRENT LOCATION (LOW ORDER 12 BITS)		LUK02640	268
00533	00000000000 10000	LOCH OCT 0	CURRENT LOCATION (HIGH ORDER 3 BITS)		LUK02650	269
00534	000000007777 10000	MASK OCT 7777	MATCHING MASK		LUK02660	270
00535	00000000000 10000	LCWL OCT 0	LOW LIMIT (LOW)		LUK02670	271
00536	00000000000 10000	LCWH OCT 0	LOW LIMIT (HIGH)		LUK02680	272
00537	000000007777 10000	HIGHL OCT 7777	HIGH LIMIT (LOW)		LUK02690	273
00540	000000000007 10000	HIGHH OCT 7	HIGH LIMIT (HIGH)		LUK02700	274
00541	0 00000 0 00000 10000	PTL ***	POINT OF EXAMINATION (LOW)		LUK02710	275
00542	0 00000 0 00000 10000	PTH ***	POINT (HIGH)		LUK02720	276
00543	0 00000 0 00000 10000	TEMP ***	TEMP		LUK02730	277

00600	0	00000	0	00000	10000	TYDIG	PAGE ***		LUK02750	280
00601	1000	00	0	00723	10001		AND =07	TYPE DIGIT	LUK02760	281
00602	1000	01	0	00724	10001		TAD =0260		LUK02770	282
									LUK02780	283
BINARY CARD 00015										
00603	1000	04	0	00342	10001		JMS TYO		LUK02790	284
00604	1000	65	0	00600	10001		JMP* TYDIG		LUK02800	285
00605	0	00000	0	00000	10000	UCPT ***		OCTAL PRINT FOUR DIGITS	LUK02820	287
00606	0000	00	0	07104	10000		CLL RAL		LUK02830	288
00607	1000	03	0	00731	10001		DCA OCPTNM	KEEP NUMBER	LUK02840	289
00610	1000	01	0	00722	10001		TAD =-4		LUK02850	290
00611	1000	03	0	00732	10001		DCA OCPTCT	DIGIT COUNT	LUK02860	291
00612	1000	01	0	00731	10001	OCPT1	TAD OCPTNM		LUK02870	292
00613	0000	00	0	07006	10000		RTL		LUK02880	293
00614	0000	00	0	07004	10000		RAL		LUK02890	294
00615	1000	03	0	00731	10001		CCA OCPTNM		LUK02900	295
00616	1000	01	0	00731	10001		TAD OCPTNM		LUK02910	296
00617	1000	04	0	00600	10001		JMS TYDIG		LUK02920	297
00620	1000	02	0	00732	10001		ISZ OCPTCT		LUK02930	298
00621	1000	05	0	00612	10001		JMP OCPT1		LUK02940	299
00622	1000	65	0	00605	10001		JMP* OCPT		LUK02950	300
00623	0000	00	0	07300	10000	CTRLC	CLA CLL		LUK02970	302
00624	0000	00	0	06203	10000		CIF 3	I.F. AND D.F. = 0	LUK02980	303
00625	1000	05	0	07600	10001		JMP MONITO		LUK02990	304
BINARY CARD 00016										
00626	0	00000	0	00000	10000	EVLE ***		EVALUATE EXPRESSION	LUK03010	306
00627	0000	00	0	07430	10000		SZL	EXPRESSION MUST BE TYPED	LUK03020	307
00630	1000	05	0	00330	10001		JMP ERROR		LUK03030	308
00631	1000	01	0	00362	10001		TAD BLOCKL		LUK03040	309
00632	1000	03	0	00360	10001		DCA EXPRL		LUK03050	310
00633	0000	00	0	07204	10000		GLK		LUK03060	311
00634	1000	01	0	00363	10001		TAD BLOCKH		LUK03070	312
00635	1000	01	0	00361	10001		TAD EXPRH		LUK03080	313
00636	1000	00	0	00723	10001		AND =07		LUK03090	314
00637	1000	03	0	00361	10001		CCA EXPRH		LUK03100	315
00640	1000	01	0	00360	10001		TAD EXPRL		LUK03110	316
00641	1000	65	0	00626	10001		JMP* EVLE		LUK03120	317
00642	0000	00	0	07112	10000	DOT	CLL RTR	EXPECT LESS THAN 400.	LUK03130	318
00643	0000	00	0	07012	10000		RTR	129*X+1	LUK03140	319
00644	0000	00	0	07010	10000		RAR		LUK03150	320
00645	1000	03	0	00363	10001		CCA BLOCKH		LUK03160	321
00646	1000	01	0	00363	10001		TAD BLOCKH		LUK03170	322
00647	1000	00	0	00730	10001		AND =07400		LUK03180	323
00650	0000	00	0	07010	10000		PAR		LUK03190	324
BINARY CARD 00017										

00651	1000 01 0 00360 10001	TAD EXPRL		LUK03200	325
00652	0000 00 0 07001 10000	IAC		LUK03210	326
00653	0000 00 0 07430 10000	SZL		LUK03220	327
00654	1000 02 0 00363 10001	ISZ BLOCKH		LUK03230	328
00655	1000 05 0 00217 10001	JMP DOT1		LUK03240	329
00656	0 CC000 0 00000 10000	DISK ***	COMMON SUBR. FOR STORE (AC=2) OR FETCH (AC=0)	LUK03260	331
00657	1000 01 0 00727 10001	TAD =06603		LUK03270	332
00660	1000 03 0 00677 10001	DCA DISK2		LUK03280	333
00661	1000 01 0 00542 10001	TAD PTH		LUK03290	334
00662	1000 00 0 00723 10001	AND =07		LUK03300	335
00663	0000 00 0 07106 10000	CLL RTL		LUK03310	336
00664	0000 00 0 07006 10000	RTL		LUK03320	337
00665	0000 00 0 07006 10000	RTL		LUK03330	338
00666	0000 00 0 06224 10000	RIF		LUK03340	339
00667	0000 00 0 06615 10000	DEAL	SET EXTEND BITS	LUK03350	340
00670	0000 00 0 06201 10000	CDF 0		LUK03360	341
00671	0000 00 0 07240 10000	CLA CMA		LUK03370	342
00672	1000 03 0 07750 10001	DCA L7750	WC	LUK03380	343
00673	1000 01 0 00733 10001	TAD CEXPRL		LUK03390	344
BINARY CARD 00020					
00674	1000 03 0 07751 10001	DCA L7751	ADDR	LUK03400	345
00675	0000 00 0 06201 10000	DISK1 CDF **		LUK03410	346
00676	1000 01 0 00541 10001	TAD PTL		LUK03420	347
00677	0 00000 0 00000 10000	DISK2 ***	DMAR OR DMAW	LUK03430	348
00700	0000 00 0 06621 10000	DFSE		LUK03440	349
00701	1000 05 0 00705 10001	JMP DISKE	ERROR	LUK03450	350
00702	0000 00 0 06622 10000	DFSC		LUK03460	351
00703	1000 05 0 00700 10001	JMP #-3		LUK03470	352
00704	1000 65 0 00656 10001	JMP* DISK		LUK03480	353
00705	1000 01 0 00725 10001	DISKE TAD =0304	'DE'	LUK03500	355
00706	1000 04 0 00342 10001	JMS TYO		LUK03510	356
00707	1000 01 0 00726 10001	TAD =0305		LUK03520	357
00710	1000 04 0 00342 10001	JMS TYO		LUK03530	358
00711	1000 05 0 00210 10001	JMP CRI		LUK03540	359
00712	0 00000 0 00000 10000	STORE ***		LUK03560	361
00713	1000 03 0 00360 10001	DCA EXPRL		LUK03570	362
00714	0000 00 0 07420 10000	SNL	ANYTHING TYPED	LUK03580	363
00715	1000 02 0 00357 10001	ISZ UREG	IS A REGISTER OPEN	LUK03590	364
00716	1000 65 0 00712 10001	JMP* STORE	NO OR NO	LUK03600	365
BINARY CARD 00021					
00717	0000 00 0 07126 10000	STL RTL	AC = 2	LUK03610	366
00720	1000 04 0 00656 10001	JMS DISK	WRITE EXPRL	LUK03620	367
00721	1000 65 0 00712 10001	JMP* STORE		LUK03630	368
		LINKS		LUK03650	370
		LITCRG		LUK03660	371
		LITERALS			372

00722 -00000000004 10000  
 00723 00000000007 10000  
 00724 00000000260 10000  
 00725 00000000304 10000  
 00726 00000000305 10000  
 00727 000000006603 10000  
 00730 000000007400 10000

00731 0 0000 0 0000 10000 OCPTNM \*\*\*  
 00732 0 0000 0 0000 10000 OCPTCT \*\*\*  
 00733 0 0000 0 00357 10001 CEXPRL PZE EXPRL-1  
 END

TEMP FOR OCPT  
 TEMP FOR OCPT

LUK03670 380  
 LUK03680 381  
 LUK03690 382  
 LUK03700 383

BINARY CARD 00022

00000 01111 END.

\$DKEND DSKLK

LUK03700 .0005

## REFERENCES TO DEFINED SYMBOLS

VALUE	NAME	STATEMENT NUMBERS
00363	BLOCKH	56,312,321,322,328
00362	ELOCKL	57,309
00200	C300	131
00310	CCR	136
00207	CDFI	46,47,165
00733	CEXPRL	344
00207	CHARAC	63,71,83,98
00306	CLF	138
00400	CR	120.0003
00210	CR1	133,169,202,209,250,256,262,359
00214	CR2	247
00334	CRLF	51,140,164,219
00355	CTABLE	64
00623	CTRLC	119.0002
00257	DIGIT	69
00656	DISK	186,240,353,367
00675	DISK1	48
00677	DISK2	333
00705	DISKE	350
00642	DOT	122.0002
00217	DOT1	329
00330	ERROR	93,96,144,308
00626	EVLE	228,252,258,317
00361	EXPRH	58,104,230,254,260,313,315
00360	EXPRL	59,87,100,105,178,187,241,310,316,325,362,382
00402	GREAT	125.0002
00540	HIGHH	206,261
00537	HIGHL	194,259
07600	..0001	33.0002
07750	..0002	34.0002
07751	..0003	35.0002
00200	..0004	41.0003
00000	..0005	41.0005
00200	..0006	41.0005
00352	..0007	151.0003
00563	..0011	167.0006
00364	..0012	167.0008
00400	..0013	167.0008
00530	..0014	264.0003
00743	..0016	280.0006
00544	..0017	280.0008
00600	..0020	280.0008
00722	..0021	370.0003
00734	..0022	383.0003
07750	L7750	343
07751	L7751	345
00403	LESS	124.0002
00450	LF	119.0003
00460	LF1	191
00221	LISTEN	110

00516	LLIMST	126.0002
00533	LOCH	214,217,238
00000	LOC.O	33.0002,34.0002,35.0002,41.0003,167.0001,167.0006,280.0001,280.0006
00532	LOCL	212,215,236
00230	LOOK	74
00237	LCOK1	52
00536	LOWH	184,255
00535	LOWL	182,253
00264	M270	91
00534	MASK	179,188,249
00514	MASKST	127.0002
07600	MONITO	304
00356	MTABLE	79
00605	OCPT	223,242,300
00612	OCPT1	299
00732	OCPTCT	291,298
00731	OCPTNM	289,292,295,296
00357	OREG	54,177,232,364
00334	PNTR	65,66,67,72,78,85,86,88,97,109
00542	PTH	185,199,204,218,220,231,237,334
00541	PTL	183,192,197,216,222,229,235,347
00421	SEAR1	201
00425	SEAR2	175
00427	SEAR4	244
00434	SEAR5	208
00442	SEAR6	196
00445	SEAR7	174
00470	SLASH	123.0002
00477	SLASH1	226
00503	SLASH2	234
00507	SLASH3	53,176
00712	STORE	168,211,365,368
00304	TABLE	157
00312	TABLE1	159
00543	TEMP	181,189
00600	TYDIG	221,285,297
00342	TYO	55,75,84,99,132,137,139,149,225,239,245,284,356,358
00523	ULIMST	128.0002
00354	P.0000	45
00353	P.0001	94
00352	P.0002	103
00530	P.0003	173
00531	P.0004	224
00723	P.0005	282,314,335
00724	P.0006	283
00722	P.0007	290
00730	P.0010	323
00727	P.0011	332
00725	P.0012	355
00726	P.0013	357

## REFERENCES TO LOCATION COUNTERS

LC START NAME STARTING AND ENDING STATEMENT NUMBERS

00000 1-41.0003,41.0006-151.0001,151.0004-167.0006,167.0009-264.0001,264.0004-280.0006,

135977 030 DAVID KRISTOL  
CROSS-REFERENCE DICTIONARY

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40000 // 280.0009-370.0001,370.0004-383.0001  
41.0004-41.0005,151.0002-151.0003,167.0007-167.0008,264.0002-264.0003,280.0007-280.0008,  
370.0002-370.0003,383.0002-383.0005

135977 030 DAVID KRISTDL  
ERROR MESSAGES

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0 STATEMENT 167.0003 ERROR 129 SYMBOL MORE THAN 6 CHARS, TRUNCATED TO 6  
0 STATEMENT 280.0003 ERROR 129 SYMBOL MORE THAN 6 CHARS, TRUNCATED TO 6

HIGHEST SEVERITY WAS 0.



EDIT IN  
IBSYS  
IBSYS  
IBSYS

TOTAL TIME = 00 HR'S 10 MIN'S 07 SEC'S  
\$ 1708.54 LEFT IN PROJECT



