

ADDRESS LENGTH

0 1751
1751

BINARY CONTROL CARDS.

IDENT TALOC4
END

BLOCKS	TYPE	ADDRESS	LENGTH
PROGRAM*	LOCAL	0	1125
CHARS	LOCAL	1125	74
PARAS	LOCAL	1221	530

ENTRY POINTS.

TEST4 - 0

EXTERNAL SYMBOLS.

START	TESTN	BLAB	TOPER	PACK	ERR
REGSAVE	CVTOUT	TEMP	TYPEOUT	XPACK	

0	TMACROS	IDENT	TALOC4
0	OPNAMES	XTEXT	
0	CLIST	XTEXT	
		ENTRY	TEST4
0 46000	TEST4	NO	

```
1125 24052324551706552205 SAY (TEST OF RETURN CAP FOR NTH OBJECT)
10 6150000000 AB800 TOPER 1,,,C.CCCLOA,K.MALLOC,K.GALLOC,1
1131 03012001021114112431 SAY (CAPABILITY FOR FIRST OBJECT ON K.MALLOC)
1235 00000000000000000020 DISPCAP K.GALLOC
*
*
*
1136 03220501240555171605 SAY (CREATE ONE OBJECT OF EACH TYPE ON K.FALLOC)
1143 03140501165501020000 SAY (CLEAN AB)
1253 000000000000000000104 DISPAB K.FALLOC
1263 000000000000000000064 DOPER C.CRALBK,K.FALLOC,K.GALLOC
1266 000000000000000000007 DOPER C.CCLIST,K.FALLOC,K.CLIST1,10
1272 000000000000000000010 DOPER C.CFILE,K.FALLOC,K.FILE1,3,SHAPE
USE PARAS
1277 000000000000000000002 SHAPE DATA 2,16,400B
USE *
1302 000000000000000000015 DOPER C.CCC,K.SUBP1
1304 000000000000000000012 DOPER C.CPROC,K.FALLOC,K.PROC1,2,3,K.SUBP1,2,10,100,50,K.C
*LIST1,K.FILE,0,0,0,K.FILE,0,0,0
1327 000000000000000000013 DOPER C.CEVCH,K.FALLOC,K.TEVCH1,10
1333 000000000000000000027 DOPER C.MKOPR,K.FALLOC,K.OPER1,0,K.SELF,0
1144 01025527112410551511 SAY (AB WITH MISCELLANEOUS OBJECTS)
1345 000000000000000000104 DISPAB K.FALLOC
*
* F=RETURN WITH INDEX TOO BIG
*
137 6150000000 AB810 TOPER 2,,,C.CCCLOA,K.GALLOC,7
*
*
*
1150 16172755032205012405 SAY (NOW CREATE AND DISPLAY CAPABILITIES AND DESTROY OBJ
*ECTS AS INDICATED)
1157 37551123550155202217 SAY (4 IS A PROCESS)
164 6150000000 AB820 TOPER 1,,,C.CCCLOA,K.FALLOC,K.GALLOC,4
1374 000000000000000000020 DISPCAP K.GALLOC
1402 000000000000000000066 DOPER C.DLPROC,K.GALLOC
1161 40551123550116551720 SAY (5 IS AN OPERATION)
220 6150000000 AB821 TOPER 1,,,C.CCCLOA,K.FALLOC,K.GALLOC,5
1414 000000000000000000020 DISPAB K.GALLOC
1422 000000000000000000132 DOPER C.DLOPR,K.GALLOC
1163 34551123550116550102 SAY (1 IS AN AB)
254 6150000000 AB822 TOPER 1,,,C.CCCLOA,K.FALLOC,K.GALLOC,1
1434 000000000000000000020 DISPCAP K.GALLOC
1442 000000000000000000076 DOPER C.DELAB,K.GALLOC
1165 34551123550155031411 SAY (1 IS A CLIST)
310 6150000000 AB823 TOPER 1,,,C.CCCLOA,K.FALLOC,K.GALLOC,1
1454 000000000000000000020 DISPCAP K.GALLOC
1462 000000000000000000057 DOPER C.DELCL,K.GALLOC
1167 34551123550155061114 SAY (1 IS A FILE)
344 6150000000 AB824 TOPER 1,,,C.CCCLOA,K.FALLOC,K.GALLOC,1
1474 000000000000000000020 DISPCAP K.GALLOC
1502 000000000000000000043 DOPER C.DELFIL,K.GALLOC
1171 34551123550116550526 SAY (1 IS AN EVENT CHANNEL)
```

ALLOCATION BLOCK TEST, PART 4
TEST OF RETURN CAP FOR NTH OBJECT

COMPASS - VER 2.

05/25/71 22.03.34.

PAGE 4

400	6150000000	AB825	TOPER	1,,,C.CCCLOA,K.FALLOC,K.GALLOC,1
1514	000000000000000000020		DISPCAP	K.GALLOC
1522	000000000000000000101		DOPER	C.DESECH,K.GALLOC
1174	01025503140501160504		SAY	(AB CLEANED UP)
1530	000000000000000000104		DISPAB	K.FALLOC
1540	000000000000000000076		DOPER	C.DELAB,K.FALLOC
		*		
		*	6,0	AB GONE
		*		
451	6150000000	AB830	TOPER	3,60/6,60/0,C.CCCLOA,K.FALLOC,K.GALLOC,1
		*		
		*	2,4	CLIST INDEX NEGATIVE
		*		
461	6150000000	AB840	TOPER	3,60/2,60/4,C.CCCLOA,K.MALLOC,-1,1
471	6150000000	AB841	TOPER	1,,,C.CCCLOA,K.MALLOC,0,1
		*		
		*	2,5	CLIST INDEX EXCEEDS FULL CLIST
		*		
500	6150000000	AB850	TOPER	3,60/2,60/5,C.CCCLOA,K.MALLOC,SCLIST,1
510	6150000000	AB851	TOPER	1,,,C.CCCLOA,K.MALLOC,SCLIST-1,1
		*		
		*	2,0	OBJECT INDEX IS NEGATIVE
		*		
517	6150000000	AB860	TOPER	3,60/2,(42/2,18/0),C.CCCLOA,K.MALLOC,K.GALLOC,-1
		*		
		*	0=1	
		*		
527	6150000000	AB870	TOPER	1,,,C.CCCLOA,K.MALLOC,K.GALLOC,0
1176	11235524101123552410		SAY	(IS THIS THE FIRST OBJECT ON K.MALLOC? (0=1))
1602	000000000000000000020		DISPCAP	K.GALLOC
		*		
		*	OPTION BITS	
		*		
1610	000000000000000000022		DOPER	C.MVECAP,K.MALLOC,K.FALLOC,-4000B
563	6150000000	AB880	TOPER	3,60/7,(42/1,18/2),C.CCCLOA,K.FALLOC,K.GALLOC,1
1620	000000000000000000022		DOPER	C.MVECAP,K.MALLOC,K.FALLOC,4000B
576	6150000000	AB881	TOPER	1,,,C.CCCLOA,K.FALLOC,K.GALLOC,1

ALLOCATION BLOCK TEST, PART 4
DISPLAY ALLOCATOR

COMPASS - VER 2.
CHARS

05/25/71 22.03.36.

PAGE 5

1203 24052324551706550411

614 6150000000

623 0130001637 *

AB900

SAY (TEST OF DISPLAY ALLOCATOR)

TOPER 1,.,C,DSPALC,TEMP,100

DUMP TEMP,16

•
BUFFERTEST

ALLOCATION BLOCK TEST, PART 4
ALLOCATION BLOCK DISPLAY

COMPASS - VER 2.

05/25/71 22.03.36.

PAGE 6

632	6150000000	XAB110	TOPER	1,,,C.DSPAB,K.MALLOC,=XTEMP+1
1206	15012324052255011414		SAY	(MASTER ALLOCATION BLOCK)
650	0130001652 +		DUMP	=XTEMP+1,8
1656	00000000000000000064		DOPER	C.CRALBK,K.MALLOC,K.GALLOC
662	6150000000	XAB111	TOPER	1,,,C.DSPAB,K.GALLOC,=XTEMP+1
1211	20101716315501020000		SAY	(PHONY AB)
700	0130001670 +		DUMP	=XTEMP,10
707	6150000000	XAB112	TOPER	1,,,C.DSPAB,1,=XTEMP+1
1212	24100555220501145515		SAY	(THE REAL MAB)
725	0130001703 +		DUMP	=XTEMP+1,8

ALLOCATION BLOCK TEST, PART 4
 DISPLAY OBJECT, DISPLAY ALLOCATOR

COMPASS - VER 2.
 CHARS

05/25/71 22.03.37.

PAGE 7

1214	24052324551706550411		SAY	(TEST OF DISPLAY OBJECT, DISPLAY ALLOCATOR)
743	6150000000	XAB300	TOPER	1,,,C.DSPOB,K.MALLOC,=XTEMP,20
752	0130001717 +		DUMP	=XTEMP,20
761	6150000000	XAB301	TOPER	1,,,C.DSPOB,K.MALLOC,=XTEMP+1,7
770	0130001727 +		DUMP	=XTEMP,10
777	6150000000	XAB302	TOPER	1,,,C.DSPOB,K.GALLOC,=XTEMP+2,3
1006	0130001737 +		DUMP	=XTEMP,6
1015	6150000000	XAB310	TOPER	1,,,C.DSPALC,=XTEMP
1024	0130001745 +		DUMP	TEMP,12

1033 0200000000 X

JP XTSTN

1034 000000000000000000016

HERE TRAILER SELF

1751

END

37302

STORAGE USED
6600 ASSEMBLY

4705 STATEMENTS
17.995 SECONDS

426 SYMBOLS
599 REFERENCES

000230 INVENTED SYMBOLS

ALLOCATION BLOCK TEST, PART 4 SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

05/25/71 22.03.38.

PAGE 9

NAME	COUNT	PROGRAM#	DATE	L
AB800	10	PROGRAM*	3/02	L
AB810	137	PROGRAM*	3/27	L
AB820	164	PROGRAM*	3/34	L
AB821	220	PROGRAM*	3/38	L
AB822	254	PROGRAM*	3/42	L
AB823	310	PROGRAM*	3/46	L
AB824	344	PROGRAM*	3/50	L
AB825	400	PROGRAM*	4/01	L
AB830	451	PROGRAM*	4/10	L
AB840	461	PROGRAM*	4/14	L
AB841	471	PROGRAM*	4/15	L
AB850	500	PROGRAM*	4/19	L
AB851	510	PROGRAM*	4/20	L
AB860	517	PROGRAM*	4/24	L
AB870	527	PROGRAM*	4/28	L
AB880	563	PROGRAM*	4/35	L
AB881	576	PROGRAM*	4/37	L
AB900	614	PROGRAM*	5/02	L
BLAB	0	EXTERNAL*	3/05	
			3/11	
			3/24	
CALLBEAD	1041	PROGRAM*	8/04	L
CVTOUT	0	EXTERNAL*	3/05	
			3/11	
			3/24	
C.CCC	15		3/17	
C.CCCLOA	62		3/03	
			3/28	
			3/35	
C.CCLIST	7		3/12	
C.CEVCH	13		3/20	
C.CFILE	10		3/13	
C.CPROC	12		3/18	
C.CRALBK	64		3/11	
C.DELAB	76		3/44	
C.DELCL	57		3/48	
C.DELFIL	43		3/52	
C.DESECH	101		4/03	
C.DLOPR	132		3/40	
C.DLPROC	66		3/36	
C.DSPAB	104		3/10	
C.DSPALC	121		5/03	
C.DSPCAP	20		3/04	
C.DSPOB	120		7/03	
C.MKOPR	27		3/21	
C.MVECAP	22		4/34	
C.RESTOR	17		3/02	
			3/04	
			3/05	
			3/09	
			3/10	
C.RETURN	30		8/04	
C.RFILE	3		8/04	

ALLOCATION BLOCK TEST, PART 4
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

05/25/71

22.03.38.

PAGE

10

C.SAVE	16		3/02	3/11	3/36	3/46	4/03	5/02	6/08	7/06
			3/04	3/23	3/38	3/48	4/05	5/04	6/10	7/08
			3/05	3/24	3/40	3/50	4/06	6/03	6/11	7/10
			3/09	3/33	3/42	3/52	4/30	6/04	7/02	8/03
			3/10	3/34	3/44	4/01	4/31	6/07	7/04	
ERR	0	EXTERNAL*	3/02	3/11	3/33	3/41	3/50	4/05	5/02	6/10
			3/02	3/12	3/33	3/42	3/50	4/06	5/04	6/11
			3/04	3/13	3/34	3/42	3/52	4/06	5/04	6/11
			3/04	3/14	3/34	3/44	3/52	4/06	6/03	7/02
			3/05	3/18	3/36	3/44	3/52	4/07	6/03	7/02
			3/05	3/20	3/36	3/44	3/53	4/30	6/04	7/04
			3/05	3/21	3/36	3/45	4/01	4/30	6/04	7/04
			3/09	3/22	3/37	3/46	4/01	4/31	6/05	7/06
			3/09	3/23	3/38	3/46	4/03	4/31	6/07	7/06
			3/10	3/23	3/38	3/48	4/03	4/31	6/07	7/08
			3/10	3/24	3/40	3/48	4/03	4/35	6/08	7/08
			3/11	3/24	3/40	3/48	4/04	4/37	6/08	7/10
			3/11	3/24	3/40	3/49	4/05	5/02	6/10	7/10
K.BEAD	146		8/04							
K.CLIST1	215		3/13	3/20						
K.FALLOC	155		3/11	3/14	3/22	3/39	3/51	4/07	4/36	
			3/12	3/20	3/24	3/43	4/02	4/11	4/37	
			3/13	3/21	3/35	3/47	4/06	4/35	4/38	
K.FILE	151		3/20	3/20	8/04					
K.FILE1	213		3/14							
K.GALLOC	156		3/03	3/35	3/40	3/45	3/51	4/03	4/29	6/05
			3/05	3/36	3/41	3/47	3/52	4/04	4/31	6/06
			3/12	3/37	3/43	3/48	3/53	4/11	4/36	7/07
			3/28	3/39	3/44	3/49	4/02	4/25	4/38	
K.MALLOC	145		3/03	4/16	4/21	4/29	4/37	6/05	7/05	
			4/15	4/20	4/25	4/35	6/02	7/03		
K.OPER1	221		3/22							
K.PROC1	216		3/20							
K.SELF	150		3/22							
K.SUBP1	217		3/18	3/20						
K.TEVCH1	154		3/21							
NEWBLK	1047	PROGRAM*	8/04 L							
PACK	0	EXTERNAL*	3/02	3/10	3/34	3/46	4/05	6/03	7/02	
			3/04	3/23	3/38	3/50	4/30	6/07		
			3/09	3/33	3/42	4/01	5/02	6/10		
READSELF	1042	PROGRAM*	8/04 L							
REGSAVE	0	EXTERNAL*	8/04	8/04						
RESTREG	1036	PROGRAM*	8/04 L							
RETURN	1040	PROGRAM*	8/04 L							
SAVEREG	1034	PROGRAM*	8/03 L							
SCLIST	310		4/20	4/21						
SHAPE	1277	PROGRAM*	3/14	3/15 L						
START	0	EXTERNAL*	8/04							

ALLOCATION BLOCK TEST, PART 4
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

05/25/71 22.03.38.

PAGE 11

TEMP	0	EXTERNAL*	3/05 S	3/18 S	3/36	3/45 S	4/03 S	4/31 S	6/06	7/08
			3/05 S	3/20 S	3/37 S	3/48 S	4/03 S	4/31	6/08	7/09
			3/05	3/21 S	3/40 S	3/48 S	4/03	4/35 S	6/09	7/10
			3/11	3/22 S	3/40 S	3/48	4/04 S	4/37 S	6/11	
			3/11 S	3/24	3/40	3/49 S	4/06	5/03	7/03	
			3/11	3/24 S	3/41 S	3/52 S	4/06 S	5/04	7/04	
			3/12 S	3/24	3/44 S	3/52 S	4/06	6/02	7/05	
			3/13 S	3/36 S	3/44 S	3/52	4/07 S	6/04	7/06	
			3/14 S	3/36 S	3/44	3/53 S	4/31 S	6/05 S	7/07	
TESTN	0	EXTERNAL*	8/01							
TEST4	0	PROGRAM*	2/05 E	2/06 L						
TOPER	0	EXTERNAL*	3/03	3/43	4/11	4/21	4/38	6/09	7/09	
			3/28	3/47	4/15	4/25	5/03	7/03		
			3/35	3/51	4/16	4/29	6/02	7/05		
			3/39	4/02	4/20	4/36	6/06	7/07		
TYPEOUT	0	EXTERNAL*	3/02	3/10	3/34	3/46	4/05	6/03	7/02	
			3/04	3/23	3/38	3/50	4/30	6/07		
			3/09	3/33	3/42	4/01	5/02	6/10		
XAB110	632	PROGRAM*	5/02 L							
XAB111	662	PROGRAM*	6/05 L							
XAB112	707	PROGRAM*	6/08 L							
XAB300	743	PROGRAM*	7/02 L							
XAB301	761	PROGRAM*	7/04 L							
XAB302	777	PROGRAM*	7/06 L							
XAB310	1015	PROGRAM*	7/08 L							
XPACK	0	EXTERNAL*	3/02	3/11	3/36	3/46	4/03	5/02	6/08	7/06
			3/02	3/11	3/36	3/46	4/03	5/02	6/08	7/06
			3/04	3/23	3/38	3/48	4/05	5/04	6/10	7/08
			3/04	3/23	3/38	3/48	4/05	5/04	6/10	7/08
			3/05	3/24	3/40	3/50	4/06	6/03	6/11	7/10
			3/05	3/24	3/40	3/50	4/06	6/03	6/11	7/10
			3/09	3/33	3/42	3/52	4/30	6/04	7/02	
			3/09	3/33	3/42	3/52	4/30	6/04	7/02	
			3/10	3/34	3/44	4/01	4/31	6/07	7/04	
			3/10	3/34	3/44	4/01	4/31	6/07	7/04	