

,TITLE XY15 TEST FOR SYSTEM EXERCISER
,EBREL

/ED HILTON 3-31-71

/IOT DEFINITIONS

702401 A	PLSF=702401	/SKIP ON PLOTTER FLAG
702402 A	PLCF=702402	/CLEAR PLOTTER FLAG
702404 A	PLPU=702404	/PLOTTER PEN UP
702444 A	PLPD=702444	/PLOTTER PEN DOWN
702421 A	PLPR=702421	/PLOTTER PEN RIGHT
702441 A	PLPL=702441	/PLOTTER PEN LEFT
702422 A	PLDU=702422	/PLOTTER DRUM UP
702424 A	PLDD=702424	/PLOTTER DRUM DOWN
702465 A	DDPL=702465	/DRUM DOWN; PEN LEFT
702463 A	DUPPL=702463	/DRUM UP; PEN LEFT
702423 A	DUPR=702423	/DRUM UP; PEN RIGHT
702425 A	DDPR=702425	/DRUM DOWN; PEN RIGHT
707764 A	EBA=707764	
707702 A	EEM=707702	

00000 R	400000 A	UODSW	400000
00001 R	000000 A		0

/BITS 16 AND 17 DECODE AS FOLLOWS
/BIT 17=1 FOR .005" STEPS
/BIT 16=1 FOR 31" PLOTTER

00002 R	000000 A		0
00003 R	000000 A		0
00004 R	000042 R	,DSA	PLSERV
00005 R	000032 R	,DSA	PLINIT
00006 R	303161 A	,SIXBT	!XY15 !
00007 R	654040 A		
00010 R	000001 A		000001
00011 R		,BLOCK	?

/BIT 17 FOR HOLD SWITCH
/MOVE PAST AUTO INDEX

00020 R	000000 A	SYSERR	0	/ERROR INDICATOR TO MONITOR
00021 R	000000 A	ERWC	0	/ERROR WORD COUNT
00022 R	000000 A	ERCODE	0	/ERROR TABLE UP TO 8 WORDS
00023 R	000000 A		0	/
00024 R	000000 A		0	/
00025 R	000000 A		0	/
00026 R	000000 A		0	/
00027 R	000000 A		0	/
00030 R	000000 A		0	/
00031 R	000000 A		0	/

/END OF TABLE

,EJECT

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00032 R 000000 A   PLINIT 0           /INITIALIZATION ENTRANCE
00033 R 200032 R           LAC       PLINIT
00034 R 040042 R           DAC       PLSERV
00035 R 100103 R           JMS       HOLD
00036 R 702402 A           PLCF
00037 R 702401 A           PLSF
00040 R 600056 R           JMP       TEST1
00041 R 601044 R           JMP       ERROR1           /PLOTTER FLAG DID NOT CLEAR,
/
00042 R 000000 A   PLSERV 0
00043 R 707764 A           EBA
00044 R 707702 A           EEM
00045 R 702401 A           PLSF           /PLOTTER FLAG?
00046 R 600117 R           JMP       NOFLAG
00047 R 702402 A           PLCF           /YES
00050 R 702401 A           PLSF
00051 R 741000 A           SKP
00052 R 601044 R           JMP       ERROR1
00053 R 141052 R           DZM       HOLSW
00054 R 100103 R           JMS       HOLD
00055 R 620123 R           JMP*      EXIT
/
00056 R 100126 R   TEST1  JMS       CLR PAP           /CLEAR PAPER
00057 R 100146 R           JMS       LGRECT           /LARGE RECTANGLE
00060 R 100166 R           JMS       LGMDRT           /LARGE-MEDIUM RECTANGLE
00061 R 100213 R           JMS       MDRECT           /MEDIUM RECTANGLE
00062 R 100240 R           JMS       MDSMRT           /MEDIUM-SMALL RECTANGLE
00063 R 100265 R           JMS       SMRECT           /SMALL RECTANGLE
00064 R 100312 R           JMS       BISECT           /BISECTORS
00065 R 100340 R           JMS       LGOCT           /LARGE OCTAGON
00066 R 100414 R           JMS       LGMDOCT          /LARGE-MEDIUM OCTAGON
00067 R 100460 R           JMS       MDOCT           /MEDIUM OCTAGON
00070 R 100524 R           JMS       MDSMOC          /MEDIUM-SMALL OCTAGON
00071 R 100570 R           JMS       SMOCT           /SMALL OCTAGON
00072 R 100634 R           JMS       OCTBIS          /OCTAGON BIASECTORS
00073 R 101011 R           JMS       ENDTST
00074 R 777774 A   TERMIN LAW       -4           /TERMINATE
00075 R 040020 R           DAC       SYSERR
00076 R 140021 R           DZM       ERWC
00077 R 777777 A           LAW       -1
00100 R 041053 R           DAC       ONCE
00101 R 100123 R           JMS       EXIT
00102 R 740040 A           HLT
           .EJECT

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00103 R 000000 A HOLD 0
00104 R 750004 A HOLD,1 LAS
00105 R 500010 R AND UODSW+10
00106 R 740200 A SZA
00107 R 600112 R JMP ,+3
00110 R 141052 R DZM HOLSW
00111 R 620103 R JMP* HOLD
00112 R 777773 A LAW -5
00113 R 040020 R DAC SYSERR
00114 R 041052 R DAC HOLSW
00115 R 750000 A CLA
00116 R 620042 R JMP* PLSERV
/
00117 R 201052 R NOFLAG LAC HOLSW
00120 R 751201 A SNA!CLA!CMA
00121 R 620042 R JMP* PLSERV
00122 R 600104 R JMP HOLD,1
/
00123 R 000000 A EXIT 0
00124 R 750000 A CLA
00125 R 620042 R JMP* PLSERV
/
00126 R 000000 A CLRPAF 0
00127 R 441053 R ISZ ONCE
00130 R 741000 A SKP
00131 R 620126 R JMP* CLRPAF
00132 R 702404 A PLPU
00133 R 100123 R JMS EXIT
00134 R 100764 R JMS MOVE
00135 R 001057 R I12X30
00136 R 702441 A PLPL
00137 R 100764 R JMS MOVE
00140 R 001057 R I12X30
00141 R 702424 A PLDD
00142 R 100764 R JMS MOVE
00143 R 001063 R I,5X1
00144 R 702421 A PLPR
00145 R 620126 R JMP* CLRPAF
,EJECT

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00146 R 000000 A LGRECT 0
00147 R 702444 A PLPD /PEN DOWN
00150 R 100123 R JMS EXIT
00151 R 100764 R JMS MOVE /PEN RIGHT 10" OR 27"
00152 R 001067 R I10X27
00153 R 702421 A PLPR
00154 R 100764 R JMS MOVE /PAPER DOWN 10" OR 27"
00155 R 001067 R I10X27
00156 R 702424 A PLDD
00157 R 100764 R JMS MOVE /PEN LEFT 10" OR 27"
00160 R 001067 R I10X27
00161 R 702441 A PLPL
00162 R 100764 R JMS MOVE /PAPER UP 10" OR 27"
00163 R 001067 R I10X27
00164 R 702422 A PLDU
00165 R 620146 R JMP* LGRECT
/
00166 R 000000 A LGMDRT 0
00167 R 702404 A PLPU
00170 R 100123 R JMS EXIT
00171 R 100764 R JMS MOVE
00172 R 001073 R I1X2,5
00173 R 702425 A DDPR
00174 R 702444 A PLPD
00175 R 100123 R JMS EXIT
00176 R 100764 R JMS MOVE
00177 R 001077 R I8X23
00200 R 702421 A PLPR
00201 R 100764 R JMS MOVE
00202 R 001077 R I8X23
00203 R 702424 A PLDD
00204 R 100764 R JMS MOVE
00205 R 001077 R I8X23
00206 R 702441 A PLPL
00207 R 100764 R JMS MOVE
00210 R 001077 R I8X23
00211 R 702422 A PLDU
00212 R 620166 R JMP* LGMDRT
,EJECT

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00213	R	000000	A	MIRECT	Ø		/MEDIUM RECTANGLE
00214	R	702404	A		PLPU		/PEN UP
00215	R	100123	R		JMS	EXIT	
00216	R	100764	R		JMS	MOVE	/PAPER DOWN, PEN RIGHT
00217	R	001073	R		I1X2,5		
00220	R	702425	A		DDPR		
00221	R	702444	A		PLPD		/PEN DOWN
00222	R	100123	R		JMS	EXIT	
00223	R	100764	R		JMS	MOVE	/PEN RIGHT 6" OR 17"
00224	R	001117	R		I6X17		
00225	R	702421	A		PLPR		
00226	R	100764	R		JMS	MOVE	/PAPER DOWN
00227	R	001117	R		I6X17		
00230	R	702424	A		PLDD		
00231	R	100764	R		JMS	MOVE	/PEN LEFT
00232	R	001117	R		I6X17		
00233	R	702441	A		PLPL		
00234	R	100764	R		JMS	MOVE	/PAPER UP
00235	R	001117	R		I6X17		
00236	R	702422	A		PLDU		
00237	R	620213	R		JMP*	MIRECT	
					/		
00240	R	000000	A	MDSMRT	Ø		
00241	R	702404	A		PLPU		
00242	R	100123	R		JMS	EXIT	
00243	R	100764	R		JMS	MOVE	
00244	R	001073	R		I1X2,5		
00245	R	702425	A		DDPR		
00246	R	702444	A		PLPD		
00247	R	100123	R		JMS	EXIT	
00250	R	100764	R		JMS	MOVE	
00251	R	001103	R		I4X12		
00252	R	702421	A		PLPR		
00253	R	100764	R		JMS	MOVE	
00254	R	001103	R		I4X12		
00255	R	702424	A		PLDD		
00256	R	100764	R		JMS	MOVE	
00257	R	001103	R		I4X12		
00260	R	702441	A		PLPL		
00261	R	100764	R		JMS	MOVE	
00262	R	001103	R		I4X12		
00263	R	702422	A		PLDU		
00264	R	620240	R		JMP*	MDSMRT	
					.EJECT		

00265	R	000000	A	SMRECT	Ø		
00266	R	702404	A		PLPU		/PEN UP
00267	R	100123	R		JMS	EXIT	
00270	R	100764	R		JMS	MOVE	/PAPER DOWN, PEN RIGHT
00271	R	001073	R		I1X2,2		
00272	R	702425	A		DDPR		
00273	R	702444	A		PLPD		
00274	R	100123	R		JMS	EXIT	
00275	R	100764	R		JMS	MOVE	/PEN RIGHT
00276	R	001123	R		I2X7		/2" OR 7"
00277	R	702421	A		PLPR		
00300	R	100764	R		JMS	MOVE	/PAPER DOWN
00301	R	001123	R		I2X7		
00302	R	702424	A		PLDD		
00303	R	100764	R		JMS	MOVE	/PEN LEFT
00304	R	001123	R		I2X7		
00305	R	702441	A		PLPL		
00306	R	100764	R		JMS	MOVE	/PAPER UP
00307	R	001123	R		I2X7		
00310	R	702422	A		PLDU		
00311	R	620265	R		JMP*	SMRECT	
					/		
00312	R	000000	A	BISECT	Ø		
00313	R	702404	A		PLPU		/PEN UP
00314	R	100123	R		JMS	EXIT	
00315	R	100764	R		JMS	MOVE	/PAPER UP, PEN LEFT
00316	R	001127	R		I4X10		/4" OR 10"
00317	R	702463	A		DUPL		
00320	R	702444	A		PLPD		/PEN DOWN
00321	R	100123	R		JMS	EXIT	
00322	R	100764	R		JMS	MOVE	/PAPER DOWN, PEN RIGHT
00323	R	001067	R		I10X27		/10" OR 27"
00324	R	702425	A		DDPR		
00325	R	702404	A		PLPU		
00326	R	100123	R		JMS	EXIT	
00327	R	100764	R		JMS	MOVE	
00330	R	001067	R		I10X27		
00331	R	702422	A		PLDU		
00332	R	702444	A		PLPD		
00333	R	100123	R		JMS	EXIT	
00334	R	100764	R		JMS	MOVE	
00335	R	001067	R		I10X27		
00336	R	702465	A		DDPL		
00337	R	620312	R		JMP*	BISECT	
					,EJECT		

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00340 R 000000 A   LGOCT  0           /PLOT LARGE OCTAGON
00341 R 702404 A           PLPU           /PEN UP
00342 R 100123 R           JMS           EXIT
00343 R 200002 R           LAC           UODSW+2
00344 R 740020 A           RAR
00345 R 740400 A           SNL
00346 R 600356 R           JMP           LGOCT1
00347 R 100764 R           JMS           MOVE
00350 R 001157 R           I9,X27
00351 R 702422 A           PLDU
00352 R 100764 R           JMS           MOVE
00353 R 001163 R           I3,5X9
00354 R 702421 A           PLPR
00355 R 600361 R           JMP           LGOCT2
00356 R 100764 R   LGOCT1  JMS           MOVE
00357 R 001133 R           I3X9
00360 R 702425 A           DDPR
00361 R 702444 A   LGOCT2  PLPD           /PEN DOWN
00362 R 100123 R           JMS           EXIT
00363 R 100764 R           JMS           MOVE
00364 R 001133 R           I3X9
00365 R 702421 A           PLPR
00366 R 100764 R           JMS           MOVE
00367 R 001133 R           I3X9
00370 R 702425 A           DDPR
00371 R 100764 R           JMS           MOVE
00372 R 001133 R           I3X9
00373 R 702424 A           PLDD
00374 R 100764 R           JMS           MOVE
00375 R 001133 R           I3X9
00376 R 702465 A           DDPL
00377 R 100764 R           JMS           MOVE
00400 R 001133 R           I3X9
00401 R 702441 A           PLPL
00402 R 100764 R           JMS           MOVE
00403 R 001133 R           I3X9
00404 R 702463 A           DUPL
00405 R 100764 R           JMS           MOVE
00406 R 001133 R           I3X9
00407 R 702422 A           PLDU
00410 R 100764 R           JMS           MOVE
00411 R 001133 R           I3X9
00412 R 702423 A           DUPR
00413 R 620340 R   LGOCT  JMP#           LGOCT
           .EJECT

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00414	R	000000	A	LGMDOC	0	
00415	R	702404	A		PLPU	
00416	R	100123	R		JMS	EXIT
00417	R	100764	R		JMS	MOVE
00420	R	001137	R		I2,X75	
00421	R	702421	A		PLPR	
00422	R	100764	R		JMS	MOVE
00423	R	001143	R		I75225	
00424	R	702424	A		PLDD	
00425	R	702444	A		PLPD	
00426	R	100123	R		JMS	EXIT
00427	R	100764	R		JMS	MOVE
00430	R	001113	R		I25X75	
00431	R	702421	A		PLPR	
00432	R	100764	R		JMS	MOVE
00433	R	001113	R		I25X75	
00434	R	702425	A		DDPR	
00435	R	100764	R		JMS	MOVE
00436	R	001113	R		I25X75	
00437	R	702424	A		PLDD	
00440	R	100764	R		JMS	MOVE
00441	R	001113	R		I25X75	
00442	R	702465	A		DDPL	
00443	R	100764	R		JMS	MOVE
00444	R	001113	R		I25X75	
00445	R	702441	A		PLPL	
00446	R	100764	R		JMS	MOVE
00447	R	001113	R		I25X75	
00450	R	702463	A		DUPR	
00451	R	100764	R		JMS	MOVE
00452	R	001113	R		I25X75	
00453	R	702422	A		PLDU	
00454	R	100764	R		JMS	MOVE
00455	R	001113	R		I25X75	
00456	R	702423	A		DUPR	
00457	R	620414	R		JMP*	LGMDOC
					,EJECT	

00460	R	000000	A	MDOCT	Ø		/MEDIUM OCTAGON
00461	R	702404	A		PLPU		/PEN UP
00462	R	100123	R		JMS	EXIT	
00463	R	100764	R		JMS	MOVE	
00464	R	001137	R		I2,X75		
00465	R	702421	A		PLPR		
00466	R	100764	R		JMS	MOVE	
00467	R	001143	R		I75225		
00470	R	702424	A		PLDD		
00471	R	702444	A		PLPD		/PEN DOWN
00472	R	100123	R		JMS	EXIT	
00473	R	100764	R		JMS	MOVE	
00474	R	001147	R		I2X6		
00475	R	702421	A		PLPR		
00476	R	100764	R		JMS	MOVE	
00477	R	001147	R		I2X6		
00500	R	702425	A		DDPR		
00501	R	100764	R		JMS	MOVE	
00502	R	001147	R		I2X6		
00503	R	702424	A		PLDD		
00504	R	100764	R		JMS	MOVE	
00505	R	001147	R		I2X6		
00506	R	702465	A		DDPL		
00507	R	100764	R		JMS	MOVE	
00510	R	001147	R		I2X6		
00511	R	702441	A		PLPL		
00512	R	100764	R		JMS	MOVE	
00513	R	001147	R		I2X6		
00514	R	702463	A		DUPL		
00515	R	100764	R		JMS	MOVE	
00516	R	001147	R		I2X6		
00517	R	702422	A		PLDU		
00520	R	100764	R		JMS	MOVE	
00521	R	001147	R		I2X6		
00522	R	702423	A		DUPR		
00523	R	620460	R		JMP*	MDOCT	
					,EJECT		

00524	R	000000	A	MDSMOC	Ø	
00525	R	702404	A		PLPU	
00526	R	100123	R		JMS	EXIT
00527	R	100764	R		JMS	MOVE
00530	R	001137	R		I2,X75	
00531	R	702421	A		PLPR	
00532	R	100764	R		JMS	MOVE
00533	R	001143	R		I75225	
00534	R	702424	A		PLDD	
00535	R	702444	A		PLPD	
00536	R	100123	R		JMS	EXIT
00537	R	100764	R		JMS	MOVE
00540	R	001107	R		I15X45	
00541	R	702421	A		PLPR	
00542	R	100764	R		JMS	MOVE
00543	R	001107	R		I15X45	
00544	R	702425	A		DDPR	
00545	R	100764	R		JMS	MOVE
00546	R	001107	R		I15X45	
00547	R	702424	A		PLDD	
00550	R	100764	R		JMS	MOVE
00551	R	001107	R		I15X45	
00552	R	702465	A		DDPL	
00553	R	100764	R		JMS	MOVE
00554	R	001107	R		I15X45	
00555	R	702441	A		PLPL	
00556	R	100764	R		JMS	MOVE
00557	R	001107	R		I15X45	
00560	R	702463	A		DUPL	
00561	R	100764	R		JMS	MOVE
00562	R	001107	R		I15X45	
00563	R	702422	A		PLDU	
00564	R	100764	R		JMS	MOVE
00565	R	001107	R		I15X45	
00566	R	702423	A		DUPR	
00567	R	620524	R		JMP*	MDSMOC
					.EJECT	

00570	R	000000	A	SMOCT	Ø		
00571	R	702404	A		PLPU		/PEN UP
00572	R	100123	R		JMS	EXIT	
00573	R	100764	R		JMS	MOVE	
00574	R	001137	R		I2,X75		
00575	R	702421	A		PLPR		
00576	R	100764	R		JMS	MOVE	
00577	R	001143	R		I75225		
00600	R	702424	A		PLDD		
00601	R	702444	A		PLPD		/PEN DOWN
00602	R	100123	R		JMS	EXIT	
00603	R	100764	R		JMS	MOVE	
00604	R	001153	R		I1X3		
00605	R	702421	A		PLPR		
00606	R	100764	R		JMS	MOVE	
00607	R	001153	R		I1X3		
00610	R	702425	A		DDPR		
00611	R	100764	R		JMS	MOVE	
00612	R	001153	R		I1X3		
00613	R	702424	A		PLDD		
00614	R	100764	R		JMS	MOVE	
00615	R	001153	R		I1X3		
00616	R	702465	A		DDPL		
00617	R	100764	R		JMS	MOVE	
00620	R	001153	R		I1X3		
00621	R	702441	A		PLPL		
00622	R	100764	R		JMS	MOVE	
00623	R	001153	R		I1X3		
00624	R	702463	A		DUPL		
00625	R	100764	R		JMS	MOVE	
00626	R	001153	R		I1X3		
00627	R	702422	A		PLDU		
00630	R	100764	R		JMS	MOVE	
00631	R	001153	R		I1X3		
00632	R	702423	A		DUPR		
00633	R	620570	R		JMP*	SMOCT	
					.EJECT		

00634	R	000000	A	OCTBIS	Ø		/OCTAGON BISECTORS
00635	R	702404	A		PLPU		/PEN UP
00636	R	100123	R		JMS	EXIT	
00637	R	100764	R		JMS	MOVE	
00640	R	001153	R		I1X3		
00641	R	702441	A		PLPL		
00642	R	100764	R		JMS	MOVE	
00643	R	001133	R		I3X9		
00644	R	702422	A		PLDU		
00645	R	702444	A		PLPD		/PEN DOWN
00646	R	100123	R		JMS	EXIT	
00647	R	200001	R		LAC	UODSW+1	/GET MULTIPLICATION FACTOR
00650	R	501173	R		AND	(3)	
00651	R	341174	R		TAD	(I3X9)	
00652	R	041054	R		DAC	CNT	
00653	R	221054	R		LAC*	CNT	
00654	R	041054	R		DAC	CNT	
00655	R	041055	R		DAC	SAVCNT	
					/		
				/PLOT 1,2	/		
00656	R	702424	A	OCT,1	PLDD		
00657	R	100123	R		JMS	EXIT	
00660	R	702424	A		PLDD		
00661	R	100123	R		JMS	EXIT	
00662	R	702424	A		PLDD		
00663	R	100123	R		JMS	EXIT	
00664	R	702421	A		PLPR		
00665	R	100123	R		JMS	EXIT	
00666	R	441054	R		ISZ	CNT	
00667	R	600656	R		JMP	OCT,1	
					/		
				/NOW PLOT 3,4	/		
00670	R	702404	A		PLPU		
00671	R	100123	R		JMS	EXIT	
00672	R	100764	R		JMS	MOVE	
00673	R	001133	R		I3X9		
00674	R	702423	A		DUPR		
00675	R	702444	A		PLPD		
00676	R	100123	R		JMS	EXIT	
00677	R	201055	R		LAC	SAVCNT	
00700	R	041054	R		DAC	CNT	
00701	R	702441	A	OCT,2	PLPL		
00702	R	100123	R		JMS	EXIT	
00703	R	702441	A		PLPL		
00704	R	100123	R		JMS	EXIT	
00705	R	702441	A		PLPL		
00706	R	100123	R		JMS	EXIT	
00707	R	702422	A		PLDU		
00710	R	100123	R		JMS	EXIT	
00711	R	441054	R		ISZ	CNT	
00712	R	600701	R		JMP	OCT,2	

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XY15 TEST FOR SYSTEM EXERCISER

,EJECT

/NOW PLOT 5,6

00713	R	702404	A	PLPU		/PEN UP
00714	R	100123	R	JMS	EXIT	
00715	R	100764	R	JMS	MOVE	
00716	R	001133	R	I3X9		
00717	R	702424	A	PLDD		
00720	R	702444	A	PLPD		
00721	R	100123	R	JMS	EXIT	
00722	R	201055	R	LAC	SAVCNT	
00723	R	041054	R	DAC	CNT	
00724	R	702421	A	PLPR		OCT,3
00725	R	100123	R	JMS	EXIT	
00726	R	702421	A	PLPR		
00727	R	100123	R	JMS	EXIT	
00730	R	702421	A	PLPR		
00731	R	100123	R	JMS	EXIT	
00732	R	702422	A	PLDU		
00733	R	100123	R	JMS	EXIT	
00734	R	441054	R	ISZ	CNT	
00735	R	600724	R	JMP	OCT,3	

/NOW PLOT 7,8

00736	R	702404	A	PLPU		
00737	R	100123	R	JMS	EXIT	
00740	R	100764	R	JMS	MOVE	
00741	R	001133	R	I3X9		
00742	R	702463	A	DUPL		
00743	R	702444	A	PLPD		
00744	R	100123	R	JMS	EXIT	
00745	R	201055	R	LAC	SAVCNT	
00746	R	041054	R	DAC	CNT	
00747	R	702424	A	PLDD		OCT,4
00750	R	100123	R	JMS	EXIT	
00751	R	702424	A	PLDD		
00752	R	100123	R	JMS	EXIT	
00753	R	702424	A	PLDD		
00754	R	100123	R	JMS	EXIT	
00755	R	702441	A	PLPL		
00756	R	100123	R	JMS	EXIT	
00757	R	441054	R	ISZ	CNT	
00760	R	600747	R	JMP	OCT,4	
00761	R	702404	A	PLPU		
00762	R	100123	R	JMS	EXIT	
00763	R	620634	R	JMP*	OCTBIS	

,EJECT

00764	R	000000	A	MOVE	0		
00765	R	200001	R		LAC	UODSW+1	/GET INDEX
00766	R	501173	R		AND	(3)	
00767	R	360764	R		TAD*	MOVE	/GET ADDRESS OF COUNTER
00770	R	041054	R		DAC	CNT	
00771	R	221054	R		LAC*	CNT	/GET COUNTER
00772	R	740200	A		SZA		
00773	R	600777	R		JMP	MOV,1	
00774	R	440764	R		ISZ	MOVE	
00775	R	440764	R		ISZ	MOVE	
00776	R	620764	R		JMP*	MOVE	
00777	R	041054	R	MOV,1	DAC	CNT	/COUNTER
01000	R	440764	R		ISZ	MOVE	/GET IOT
01001	R	220764	R		LAC*	MOVE	
01002	R	041004	R		DAC	IOT	
01003	R	440764	R		ISZ	MOVE	/SET UP RETURN
01004	R	740040	A	IOT	HLT		/THIS WILL CONTAIN 1 OFF DIRECTION IOTS
01005	R	100123	R		JMS	EXIT	
01006	R	441054	R		ISZ	CNT	
01007	R	601004	R		JMP	=3	
01010	R	620764	R		JMP*	MOVE	
					/		
01011	R	000000	A	ENDTST	0		
01012	R	200002	R		LAC	UODSW+2	
01013	R	740020	A		RAR		
01014	R	740400	A		SNL		
01015	R	601035	R		JMP	END,1	
01016	R	441056	R		ISZ	TENCNT	
01017	R	601026	R		JMP	END,2	
01020	R	777766	A		LAW	=12	
01021	R	041056	R		DAC	TENCNT	
01022	R	100764	R		JMS	MOVE	
01023	R	001167	R		I,5X0		
01024	R	702441	A		PLPL		
01025	R	601035	R		JMP	END,1	
01026	R	100764	R	END,2	JMS	MOVE	
01027	R	001163	R		I3,5X9		
01030	R	702441	A		PLPL		
01031	R	100764	R		JMS	MOVE	
01032	R	001157	R		I9,X27		
01033	R	702422	A		PLDU		
01034	R	621011	R		JMP*	ENDTST	
01035	R	100764	R	END,1	JMS	MOVE	
01036	R	001133	R		I3X9		
01037	R	702441	A		PLPL		
01040	R	100764	R		JMS	MOVE	
01041	R	001153	R		I1X3		
01042	R	702424	A		PLDD		
01043	R	621011	R		JMP*	ENDTST	
					/		
01044	R	201175	R	ERROR1	LAC	(1)	
01045	R	040022	R		DAC	ERCODE	
01046	R	777777	A		LAW	=1	

01047	R	040021	R	DAC	ERWC
01050	R	040020	R	DAC	SYSERR
01051	R	620042	R	JMP*	PLSERV
				/	
01052	R	000000	A	HOLSW	0
01053	R	000000	A	ONCE	0
01054	R	000000	A	CNT	0
01055	R	000000	A	SAVCNT	0
01056	R	777766	A	TENCNT	-12
					,EJECT

Item	Type	Part No.	Qty	Unit	Description	Notes
01057	R	775520	A	112X30	.DEC	
01060	R	773240	A			/10 MIL, 12" PLOTTER
01061	R	772110	A			/5 MIL, 12" PLOTTER
01062	R	764220	A			/10 MIL, 31" PLOTTER
01063	R	777716	A	1,5X1		/5 MIL, 31" PLOTTER
01064	R	777634	A			
01065	R	777634	A			
01066	R	777470	A			
01067	R	776030	A	110X27		
01070	R	774060	A			
01071	R	772564	A			
01072	R	765350	A			
01073	R	777634	A	11X2,5		
01074	R	777470	A			
01075	R	777406	A			
01076	R	777014	A			
01077	R	776340	A	18X23		
01100	R	774700	A			
01101	R	773404	A			
01102	R	767010	A			
01103	R	777160	A	14X12		
01104	R	776340	A			
01105	R	775520	A			
01106	R	773240	A			
01107	R	777552	A	115X45		
01110	R	777324	A			
01111	R	777076	A			
01112	R	776174	A			
01113	R	777406	A	125X75		
01114	R	777014	A			
01115	R	776422	A			
01116	R	775044	A			
01117	R	776650	A	16X17		
01120	R	775520	A			
01121	R	774534	A			
01122	R	771270	A			
01123	R	777470	A	12X7		
01124	R	777160	A			
01125	R	776504	A			
01126	R	775210	A			
01127	R	777160	A	14X10		
01130	R	776340	A			
01131	R	776030	A			
01132	R	774060	A			
01133	R	777324	A	13X9		
01134	R	776650	A			
01135	R	776174	A			
01136	R	774370	A			
01137	R	777747	A	12,X75		
01140	R	777716	A			
01141	R	777665	A			
01142	R	777552	A			

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XY15 TEST FOR SYSTEM EXERCISER

.EJECT

01143	R	777665	A	175225	=75
01144	R	777552	A		=150
01145	R	777437	A		=225
01146	R	777076	A		=450
01147	R	777470	A	12X6	=200
01150	R	777160	A		=400
01151	R	776650	A		=600
01152	R	775520	A		=1200
01153	R	777634	A	11X3	=100
01154	R	777324	A		=300
01155	R	777324	A		=300
01156	R	776650	A		=600
01157	R	776112	A	19,X27	=950
01160	R	774224	A		=1900
01161	R	772564	A		=2700
01162	R	765350	A		=5400
01163	R	777242	A	13,5X9	=350
01164	R	776504	A		=700
01165	R	776174	A		=900
01166	R	774370	A		=1800
01167	R	777716	A	1,5X0	=50
01170	R	777634	A		=100
01171	R	000000	A		0
01172	R	000000	A		0
		000000	R		/
		000000	R		,END
01173	R	000003	A #L		UODSW
01174	R	001133	R #L		
01175	R	000001	A #L		

SIZE=01176 NO ERROR LINES

BISECT	00312	R	CLRPAP	00126	R	CNT	01054	R	DDPL	702465	A
DDPR	702425	A	DUPL	702463	A	DUPR	702423	A	EBA	707764	A
EEM	707702	A	ENDTST	01011	R	END,1	01035	R	END,2	01026	R
ERCODE	00022	R	ERROR1	01044	R	ERWC	00021	R	EXIT	00123	R
HOLD	00103	R	HOLD,1	00104	R	HOLSW	01052	R	IOT	01004	R
I,5X0	01167	R	I,5X1	01063	R	I1X2,5	01073	R	I1X3	01153	R
I10X27	01067	R	I12X30	01057	R	I15X45	01107	R	I2X6	01147	R
I2X7	01123	R	I2,X75	01137	R	I25X75	01113	R	I3X9	01133	R
I3,5X9	01163	R	I4X10	01127	R	I4X12	01103	R	I6X17	01117	R
I75225	01143	R	I8X23	01077	R	I9,X27	01157	R	LGMDOC	00414	R
LGMORT	00166	R	LGOCT	00340	R	LGOCT1	00356	R	LGOCT2	00361	R
LGRECT	00146	R	MDOCT	00460	R	MDOCT	00213	R	MDSMOC	00524	R
MDSMRT	00240	R	MOVE	00764	R	MOV,1	00777	R	NOFLAG	00117	R
OCTBIS	00634	R	OCT,1	00656	R	OCT,2	00701	R	OCT,3	00724	R
OCT,4	00747	R	ONCE	01053	R	PLCF	702402	A	PLDD	702424	A
PLDU	702422	A	PLINIT	00032	R	PLPD	702444	A	PLPL	702441	A
PLPR	702421	A	PLPU	702404	A	PLSERV	00042	R	PLSF	702401	A
SAVCNT	01055	R	SMOCT	00570	R	SMRECT	00265	R	SYSERR	00020	R
TENCNT	01056	R	TERMIN	00074	R	TEST1	00056	R	UODSW	00000	R

UODSW	00000	R	SYSERR	00020	R	ERWC	00021	R	ERCODE	00022	R
PLINIT	00032	R	PLSERV	00042	R	TEST1	00056	R	TERMIN	00074	R
HOLD	00103	R	HOLD,1	00104	R	NOFLAG	00117	R	EXIT	00123	R
CLRPAP	00126	R	LGRECT	00146	R	LGMORT	00166	R	MDRECT	00213	R
MDSMRT	00240	R	SMRECT	00265	R	BISECT	00312	R	LGOCT	00340	R
LGOCT1	00356	R	LGOCT2	00361	R	LGMDOC	00414	R	MDOCT	00460	R
MDSMOC	00524	R	SMOCT	00570	R	OCTBIS	00634	R	OCT,1	00656	R
OCT,2	00701	R	OCT,3	00724	R	OCT,4	00747	R	MOVE	00764	R
MOV,1	00777	R	IOT	01004	R	ENDTST	01011	R	END,2	01026	R
END,1	01035	R	ERROR1	01044	R	HOLSW	01052	R	ONCE	01053	R
CNT	01054	R	SAVCNT	01055	R	TENCNT	01056	R	I12X30	01057	R
I,5X1	01063	R	I10X27	01067	R	I1X2,5	01073	R	I8X23	01077	R
I4X12	01103	R	I15X45	01107	R	I25X75	01113	R	I6X17	01117	R
I2X7	01123	R	I4X10	01127	R	I3X9	01133	R	I2,X75	01137	R
I75225	01143	R	I2X6	01147	R	I1X3	01153	R	I9,X27	01157	R
I3,5X9	01163	R	I,5X0	01167	R	PLSF	702401	A	PLCF	702402	A
PLPU	702404	A	PLPR	702421	A	PLDU	702422	A	DUPR	702423	A
PLDD	702424	A	DDPR	702425	A	PLPL	702441	A	PLPD	702444	A
DUPL	702463	A	DDPL	702465	A	EEM	707702	A	EBA	707764	A