

OPERATOR-002 7 JAN 63 23:24:16 R350.039 IPL 030 020 HASIMON EPAMIII
RELOAD TAPE SEGMENT 27 4 3 27
UNDERWOOD -- S10 1
PROGRAM HEADER 5

5524	TIME TALLY FOR D8	C28	10N50	C9	C028-0000
5525	TIME TALLY FOR D9	C29	10N50	C9	C029-0000
5527	TIME TALLY FOR D31	C31	10N50	C9	C031-0000
5536		C40	10N50	C9	C040-0000
5537	TIME TALLY FOR F21	C41	10N25	C9	C041-000
5604	D8. ADD DETAIL FROM (0)	D8	J42		D008 0010
11558	TO IMAGE (1). NO OUTPUT		J21		D008 0020
11559	SET H5 - IF NOTHING ADDED.		11W0		D008 0030
11563			1090		D008 0040
11565	ADD DETAIL FROM DESCRIPTION LIST		E30		D008 0050
11569			70920		D008 0060
11574	ADD SUBOBJECT, SET H5 + IF		910		D008 0080
11567	SET SIGNAL	920	J5		D008-0100
11575	IF NOTHING ADDED, EXIT		70J32		D008-0103
11577	SOMETHING ADDED, TALLY TIME, EXIT		C28	J32	D008-0106
11561	ADD ATTRIBUTE VALUE	90	20W2		D008 0110
11579			11W1		D008 0120
11581			11W2		D008 0130
11583			J10		D008 0140
11587			7091		D008 0150
11592			92		D008 0160
11593			70J7		D008 0170
11595			J2		D008 0180
11596			70	0	D008 0190
11585		91	11W1		D008 0200
11599			92		D008 0210
11600			11W2		D008 0220
11602			J11	J3	D008 0230
11590		92	11W0		D008 0240
11604			11W2	J10	D008 0250
11572		910	4E90		D008-0260
11607			70J5		D008-0270
11609			E91		D008-0280
11613			70912		D008-0290
11615			12W0		D008-0300
11617			10A1		D008-0310
11619			J10		D008-0320
11623			70	914	D008-0330
11625			10U2		D008-0340
11627			12W0		D008-0350
11629			D6		D008-0360
11633			70	916	D008-0365
11636		913	30H0	910	D008-0370
11631		916	40H0		D008-0380
11640			12W1		D008-0390
11642			J2		D008-0400
11646			70911	913	D008-0410
11644	INSERT CORRECT SUBOBJECT, EXIT	911	21W1	0	D008-0430
11611		912	11W1		D008-0440
11650			12W0		D008-0450
11652			10A1		D008-0460
11654			J10		D008-0470
11658			70	915	D008-0480
11660			10U2		D008-0490
11662			12W0		D008-0500
11664			D6		D008-0510

time change only if single improved

Program 3

11668 WAS IT RECOGNIZED		70910	917	D008-0520
11621	914	52W0	916	D008-0530
11656 BRING IN SUBOBJECT	915	52W0		D008-0540
11666 ADD IT TO IMAGE, SET SIGNAL MINUS	917	J64	J3	D008-0550
5705 SUPPRESS NET PRINTOUT	E9	30H0	0	E009-0000
5796 F0. ASSOCIATE RESPONSE (1)	F0	J46		F000-0010
11665 WITH STIMULUS (0) IN NET (2)		J22		F000-0020
11657		11W2		F000-0030
11645		11W0		F000-0040
11637		D6		F000-0050
11635		20W4		F000-0060
11630		11W2		F000-0070
11620		11W1		F000-0080
11610 IMPROVE R-IMAGE		F1		F000-0100
11591 EXIT IF DRUM HAS TURNED		70	J36	F000-0106
11586		11W2		F000-0110
11573		11W1		F000-0120
11568		D6		F000-0130
11566 STORE R-IMAGE		20W5		F000-0140
11672		J90		F000-0170
11673 DISAGREE,		60W3		F000-0180
11675		11W4		F000-0190
11677 CONSTRUCT S-R OBJECT		J64		F000-0200
11678		11W3		F000-0232
11680		10B17		F000-0234
11682		10B20		F000-0236
11684		J11		F000-0238
11685		11W2		F000-0240
11687		11W3		F000-0250
11689		D2		F000-0260
11692		7094		F000-0270
11694 LOCATE S OF ITS IMAGE		J60		F000-0280
11698 IF NONE, GO TO 91		7091		F000-0290
11700 LOCATE R OF ITS IMAGE		J60		F000-0300
11704 IF NONE, GO TO 92		7092		F000-0310
11706 STORE LOCATION OF R ON IMAGE		20W6		F000-0315
11708 IMPROVE S-R IMAGE		11W2		F000-0320
11710		11W3		F000-0330
11712		F1		F000-0340
11713 INTERRUPT IF DRUM TURNS	✓	70	J36	F000-0346
11715 CORRECT R		11W5		F000-0347
11717 ON S-R IMAGE		21W6		F000-0348
11719 AND IMPROVE STIMULUS IMAGE		11W2		F000-0350
11721		11W0		F000-0360
11723	✓	F1	J36	F000-0370
11696 NO S, ADD IT	91	11W4		F000-0380
11726	93	J64		F000-0390
11728 TALLY TIME		C40	J36	F000-0395
11702 NO R, ADD IT	92	11W5	93	F000-0400
11690	94	11W2		F000-0410
11731		11W3		F000-0420
11733		F1	J36	F000-0430
5817 P.A. RESPONSE	F21	10J3		F021-0010
11725 RESET TEST FOR NEW ITEM		20Y6		F021-002/
11701 OUTPUT (0) IS RESPONSE IMAGE		J90		F021-003/
11697		40W0		F021-0040
11691		60W0		F021-0050
11735		10B17		F021-0052
11737		10B20		F021-0053
11739		J11		F021-0054

*Interrupts
contingent
on sign of F1
not D11*

11740
11743
11745TEST IF STIMULUS
11749CORRECTLY RECOGNIZED
11751IF NOT, ADD S TO S-R
11753
11754
11755
11757
11759FIND ITS IMAGE
11763IF NONE, EXIT WITH *
11765FIND RESP PART OF IMAGE
11769ENTER IT OR EXIT WITH *
11771TEST IF IT IS A TERMINAL
11773
11775
11779
11781
11783
11784IF NOT, SORT IT
11788
11791
11794ENTER RESPONSE
11795
11800CHECK RESPONSE
11767
11802ENTER * EXIT WITH K11
11804
11798
11806TALLY TIME
11807
11777
11810IF S NOT RECOGNIZED,
11813STUDY IT
11815
11816EXIT IF DRUM HAS TURNED
11817
11761IF S-R NOT RECOGNIZED
11820STUDY IT
11822
11823EXIT IF DRUM HAS TURNED
11824
11747
11786
6674
11809
11797

*Loop leading
to 96 removed*

910 10U2 F021-0055
11K40 F021-0060
D6 F021-0062
7097 F021-00625
11W0 F021-0068
J6 F021-0069
J64 F021-0070
10U2 F021-0080
11W0 F021-0090
D2 F021-0100
7096 F021-0110
J82 F021-0120
7090 F021-0130
40H0 F021-0131
10A1 F021-0132
J10 F021-0133
70 93 F021-0134
10U2 F021-0134
J6 F021-0134
D6 F021-0135
7098 F021-0136
94 40H0 F021-0140
D1 F021-0150
40H0 F021-0160
C7 91 F021-0170
90 10K11 F021-0180
40H0 F021-0190
J157 91 F021-0200
91 11W0 F021-0210
C41 F021-0215
J71 J30 F021-0220
93 30H0 94 F021-0230
95 10U2 F021-0240
11K40 F021-0250
F1 F021-0260
D11 F021-0280
70910 90 F021-0280
96 10U2 F021-0300
11W0 F021-0310
F1 F021-0320
D11 F021-0330
70910 90 F021-0340
97 30H0 95 F021-0360
98 30H0 90 F021-0370
T5 3J0 T005-0010
10T4
C70 0 T005-0040

5915CRITERION -- 10

5948

5949

5950

5959

5960

6208

60

1 T5

1 11811

1 11809

1 11797

+ 00 J208

+ 00 J0

+ 10 T4

+ 00 C70

11811

11809

11797

0

5

K17

K50

K51

K52

K61

K62

N100

5

0

0

0

T4

1

01

N50

N50

N20

S10

S10

01

T5

0

0

0

0

10 K17--0010

K052-0010

5061-0010

K062-0010

100 N100-0000

100

1

2

3

4

LIST S10
TRIAL 1

STIM	S50, K10.	RESP	S50, S60.	*
STIM	S51, K10.	RESP	S51, S61.	
STIM	S52, K10.	RESP	S52, S62.	*
STIM	S53, K10.	*RESP	S53, S63.	
STIM	S54, K10.	RESP	S54, S64.	
STIM	S55, K10.	*RESP	S55, S65.	
STIM	S56, K10.	*RESP	S56, S66.	
STIM	S57, K10.	*RESP	S57, S67.	
STIM	S58, K10.	*RESP	S58, S68.	
STIM	S59, K10.	*RESP	S59, S69.	
NUM. COR. 0.				

TRIAL 2

STIM	S58, K10.	*RESP	S58, S68.	
STIM	S53, K10.	*RESP	S53, S63.	
STIM	S50, K10.	*RESP	S50, S60.	
STIM	S57, K10.	*RESP	S57, S67.	
STIM	S54, K10.	*RESP	S54, S64.	
STIM	S56, K10.	*RESP	S56, S66.	
STIM	S59, K10.	*RESP	S59, S69.	
STIM	S55, K10.	*RESP	S55, S65.	
STIM	S51, K10.	*RESP	S51, S61.	
STIM	S52, K10.	*RESP	S52, S62.	
NUM. COR. 0.				

TRIAL 3

STIM	S58, K10.	*RESP	S58, S68.	
STIM	S53, K10.	*RESP	S53, S63.	
STIM	S54, K10.	*RESP	S54, S64.	
STIM	S50, K10.	V A P RESP	S50, S60.	
STIM	S51, K10.	RESP	S51, S61.	
STIM	S56, K10.	RESP	S56, S66.	*
STIM	S59, K10.	V RESP	S59, S69.	A P
STIM	S57, K10.	*RESP	S57, S67.	
STIM	S52, K10.	S I Q RESP	S52, S62.	
STIM	S55, K10.	*RESP	S55, S65.	
NUM. COR. 0.				

TRIAL 4

STIM	S50, K10.	*RESP	S50, S60.	
STIM	S56, K10.	*RESP	S56, S66.	
STIM	S51, K10.	W U S RESP	S51, S61.	
STIM	S58, K10.	W U S RESP	S58, S68.	
STIM	S52, K10.	RESP	S52, S62.	
STIM	S59, K10.	W U S RESP	S59, S69.	
STIM	S55, K10.	W U S RESP	S55, S65.	
STIM	S54, K10.	S I Q RESP	S54, S64.	
STIM	S57, K10.	W U S RESP	S57, S67.	
STIM	S53, K10.	W U S RESP	S53, S63.	
NUM. COR. 0.				

TRIAL 5

STIM	S54, K10.	W U S RESP	S54, S64.	
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STIM S50, K10. J I R RESP S50, S60.
 STIM S57, K10. *RESP S57, S67.
 STIM S58, K10. *RESP S58, S68.
 STIM S53, K10. *RESP S53, S63.
 STIM S52, K10. V A P RESP S52, S62.
 STIM S55, K10. *RESP S55, S65.
 STIM S51, K10. W U S RESP S51, S61.
 STIM S56, K10. *RESP S56, S66.
 STIM S59, K10. *RESP S59, S69.
 NUM. COR. 1.

TRIAL 6

STIM S56, K10. W U S RESP S56, S66.
 STIM S52, K10. W U S RESP S52, S62.
 STIM S51, K10. *RESP S51, S61.
 STIM S59, K10. S I Q RESP S59, S69.
 STIM S55, K10. B I H RESP S55, S65.
 STIM S58, K10. C A Z RESP S58, S68.
 STIM S57, K10. H E X RESP S57, S67.
 STIM S50, K10. J I R RESP S50, S60.
 STIM S54, K10. *RESP S54, S64.
 STIM S53, K10. F E G RESP S53, S63.
 NUM. COR. 7.

TRIAL 7

STIM S54, K10. V A P RESP S54, S64.
 STIM S56, K10. W U S RESP S56, S66.
 STIM S55, K10. B I H RESP S55, S65.
 STIM S57, K10. H E X RESP S57, S67.
 STIM S58, K10. C A Z RESP S58, S68.
 STIM S50, K10. J I R RESP S50, S60.
 STIM S53, K10. F E G RESP S53, S63.
 STIM S59, K10. S I Q RESP S59, S69.
 STIM S51, K10. L Y B RESP S51, S61.
 STIM S52, K10. *RESP S52, S62.
 NUM. COR. 9.

TRIAL 8

STIM S56, K10. W U S RESP S56, S66.
 STIM S54, K10. V A P RESP S54, S64.
 STIM S51, K10. L Y B RESP S51, S61.
 STIM S59, K10. S I Q RESP S59, S69.
 STIM S57, K10. H E X RESP S57, S67.
 STIM S52, K10. K O N RESP S52, S62.
 STIM S55, K10. B I H RESP S55, S65.
 STIM S58, K10. C A Z RESP S58, S68.
 STIM S53, K10. F E G RESP S53, S63.
 STIM S50, K10. J I R RESP S50, S60.
 NUM. COR. 10.

END OF PROGRAM

PMTM
9426

H5 0 J4
 H0 0 T4
 3 0
 H1 2 28233

*53 errors
& trials*

	2	24800	
H3	1		311420
H4	3	0	
H6	1		856
W0	3	0	
W1	3	0	
W2	3	0	
W3	3	0	
W4	3	0	
W5	3	0	
W6	3	0	
W7	3	0	
W8	3	0	
W9	3	0	

00:15:24

006