

## 920B COMPUTER

Logic and Circuit Diagrams of  
 MCB's on Machine No. 62.

## DATA PROCESSING DIVISION

MCB 1 - Central Processor

D.P.D No 22 PL 322 A 8048

			<u>Issue</u>
A32	322C2781	Circuit A-AE Unit	3
A24	" C4195	" A-EA3 Unit	3
A23	" C4197	" A-EB3 Unit	3
A33	" D4199	" A-EC3 Unit	4
A29	" C4201	" A-ED3 Unit	4
A35	" C4588	" A-GZ Unit	6
7	" D5228	Logic A-FA Unit	5
8	" D5225	" A-FB Unit	2
9	" D5195	" A-FC Unit	4
10	" D5194	" A-FD Unit	5
11	" C5123	" A-FE Unit	4
12	" C5212	" A-FF Unit	3
13	" C5211	" A-FG Unit	1
14	" D5198	" A-FH Unit	3
15	" D5197	" A-FI Unit	3
16	" C5238	" A-FJ Unit	2
17	" D5237	" A-FK Unit	5
18	" D5193	" A-FL Unit	3
19	" D5248	" A-FM Unit	5
20	" D5222	" A-FN Unit	1
21	" C5219	" A-FO Unit	2
22	" D5214	" A-FP Unit	1
23	" D5221	" A-FQ Unit	4
24	" D5196	" A-FR Unit	4
25	" C5220	" A-FS Unit	1
26	" C5192	" A-FT Unit	4
27	" C5210	" A-GA Unit	3
28	" C5209	" A-GB Unit	2
29	" C5208	" A-GC Unit	2
30	" C5207	" A-GD Unit	1

					<u>Issue</u>	
31	322C5206	Logic	A-GE	Unit	2	
32	" C5205	"	A-GF	Unit	1	
33	" C5204	"	A-GG	Unit	1	
34	" C5203	"	A-GH	Unit	1	
35	" C5202	"	A-GI	Unit	3	
36	" C5201	"	A-GJ	Unit	2	
37	" C5227	"	A-GK	Unit	3	
38	" C5226	"	A-GL	Unit	1	
I	" A7191	Circuit L.S.A. Element			4	
A26	" D7936	Y Selection Systems			1	
A27	" D7934	X Selection Systems (1 to 64)			1	
A28	" D7938	X Selection Systems (65 to 128)			1	
A14	" D7972	Store O/A			1	
A7	" D8267	Computer Register Logic			1	
A15	" D8069	Manual Control Timer			1	
A16	" D7907	Function Decode and Conditionals			1	
A19	" D7959	Register Module and Control Waveforms			1	1
A18	" D8070	Control and Interrupt Overall Logic			1	1
A11	" D7880	Control Sequence (Short Orders)			2	2
A12	" D7881	Control Sequence (Long Orders)			2	2
A10	" D7973	Multiplication, Division Shift and Overflow.			1	1
A17	" D7948	Initial Instructions			1	1
A31	" D7931	Process Counter			1	1
A13	" D7952	Input/Output			1	1
A3	" D7432	Connector and Unit Layout			3	3

~~MCB 12 Additional Store 16,384 Word~~

~~322 C 8231 Additional Store 16,384 Word  
Connector and Unit Layout~~

~~MCB 21 24v Power Supply~~

~~322 D 5400 Circuit 24v Power Supply  
322 D 4983 Circuit A-HG Unit  
322 C 4953 Circuit A-HH Unit  
322 D 4972 Circuit A-HJ Unit  
322 D 4954 Circuit CH Unit  
322 A 7191 Circuit L.S.A. Elements~~

~~MCB 23 Power Supply~~

~~322 D 8083 Logic Computer Primary~~

~~MCB 24 Computer Power Supply 240v~~

~~322 D 7819 Logic Power Supply Unit~~

~~MCB 29 Primary Power Supplies~~

~~24v DC O/P 400 c.p.s. 3 Phase I/P Military Pack~~

~~MCB 30 Paper Tape Power Supply~~

~~322 D 8038 Logic Paper Tape Power Supply~~

~~MCB 32 Paper Tape Power Supply~~

~~100-125v or 200-250v 50-60 c/s  
19" Rack Mounting Standard~~

~~MCB 38 Mains Filter~~

~~400 c/s~~

~~MCB 39 Mains Filter~~

~~50 c/s~~

~~MCB 40 Control Unit 19" Rack~~

~~322 D 4941 Circuit Control Unit~~

~~MCB 41 Control Unit Free Standing~~

~~322 D 4941 Circuit Control Unit~~

~~MCB 43, 44 Display Unit~~

~~322 D 4973 Circuit Display~~

~~MCB 45 903 Colour Scheme~~

~~Control Unit Free Standing  
322 D 4941 Circuit Control Unit~~

~~MCB 47 Additional Store~~

~~322 C 2781 Circuit A-AE Unit  
322 C 4195 Circuit A-EA3 Unit  
322 C 4197 Circuit A-EB3 Unit  
322 D 4199 Circuit A-EC3 Unit  
322 C 4201 Circuit A-ED3 Unit  
322 C 4588 Circuit A-GZ Unit  
322 C 5731 Logic A-FU Unit  
322 C 5732 Logic A-FV Unit  
322 C 5472 Logic A-HK Unit  
322 C 5466 Logic A-HR Unit  
322 C 5467 Logic A-HS Unit  
322 C 5471 Logic A-HT Unit  
322 C 5469 Logic A-HX Unit  
322 C 5468 Logic A-HY Unit  
322 C 5483 Logic A-JC Unit  
322 C 5470 Logic A-JJ Unit  
322 A 5997 Circuit BS Unit  
322 A 7191 Circuit L.S.A. Element~~