

Planning

ENGINEERING MEMORANDUM

TITLE		S.M. NO.		EFFECTIVE		FILE CODE	
ENG 3 - INTERCHANGEABILITY		12551		12551		000-70	
I.L.S.P.		DWC NO.		IMMEDIATELY			
PART NAME		JOB NO.		CUSTOMER'S ORDER NO.		QUANTITY	
A/C Fuses		ANY		ANY		NO.	
DISPOSITION OF STOCK:		CUSTOMER		ALL		NO.	
CHECK STOCK		E. A. W. HOI ENO.		ESTIMATE		NO.	
CHECK DRAWING		E. A. W. HOI ENO.		ESTIMATE		NO.	
CHECK ORDER/RELEASE		E. A. W. HOI ENO.		ESTIMATE		NO.	
NEW DRAWING		E. A. W. HOI ENO.		ESTIMATE		NO.	
REVISED DRAWING		E. A. W. HOI ENO.		ESTIMATE		NO.	
VARIATION		E. A. W. HOI ENO.		ESTIMATE		NO.	
COMPLETE INTAKE		E. A. W. HOI ENO.		ESTIMATE		NO.	
USE AS NOTED		E. A. W. HOI ENO.		ESTIMATE		NO.	
APPROVALS		DATE		DWC CHANGE		DWC. CURT.	
E. A. W. HOI ENO.		27 Jan 58		YES NO		DWC. CURT.	
E. A. W. HOI ENO.							
CONTRACT ADDRESS		CUSTOMER					

1. The following list has been prepared in order to ask in the identification and substitution of fuses in airborne electrical systems.

2. When substituting fuses it is important to observe voltage rating as well as current rating to ensure satisfactory service life.

JAN 31 1958

RAW-JAN-29-1958

NOTE: WHEN EFFICIENCY IS CRITICAL FROM S.M. CHANGES ARE TO BE EFFECTIVE UPON PLANNING DEPARTMENT AUTHORIZATION.

I N D E X

<u>FUSES</u>	<u>PAGE</u>
1. 9/32" x 1 1/4" with Bakelite Tube	1
2. 11/32" x 1 1/2" " " "	2
3. 1/4" x 1" Glass Tube Low Resistance	3
4. 1/4" x 1 1/4" Glass Tube	4
5. 9/32" x 1 1/4" Glass Tube	5
6. 13/32" x 1 1/2" Glass Tube	6
7. 1/4" x 1 1/4" Glass Tube Deal Element	7
8. 9/32" x 1 1/4" " " "	8

MUSES: 9/32" x 1 1/4" WITH BAKELITE TUBE

PAGE 1

I.B.M. NUMBER 50H/ REF. VOLTS AMPS. DISMAN MFG. CO. LITTLE ROCK INC. OTHER

802	250	1	ABS 1	414001
592	250	2	ABS 2	414002
801	250	3	ABS 3	414003
10004	125	4	ABS 4	
799	125	5	ABS 5	414005
800	125	10	ABS 10	414010
798	125	15	ABS 15	414015
890	32	25	ABS 25	414025

FUSES: 11/32" x 1 1/2" WITH BAKELITE TUBE

PAGE 2

5CB/ I.B.M. NUMBER VOLTS AMPS. HOSSMAN MFG. CO. LITTLE ROCK INC. OTHER

5CB/	I.B.M. NUMBER	VOLTS	AMPS.	HOSSMAN MFG. CO.	LITTLE ROCK INC.	OTHER
603		250	.1	TMM 1/10		
602		250	.2	TMM 2/10		
575		250	2	TMM 2		516002
1148		250	4	TMM 4		516004
576		250	5	TMM 5		516005
577		250	8	TMM 8		516008
1075		250	10	TMM 10		
563		125	10	VER 10		514010 or 1164B
1309		32	20	TMM 20		

ROSES: 1/4" x 1" GLASS TUBE LOW RESISTANCE

PAGE 3

I.B.M. NUMBER	50B/ REF.	VOLTS	AMPS.	RUSSMAN MFG. CO.	LITTLE ROSE INC.	OTHER
479	250	1/200	MTR 1/200	361.005 or 1000		
588	250	1/100	MTR 1/100	361.010 or 1001		
740	250	1/32	MTR 1/32	361.031		
1192	250	1/16	MTR 1/16	361.062 or 1003		
62	250	1/8		361.125 or 1004L		
595	250	1/4	AGX 1/4	361.250 or 1005		
466	250	1/2	AGX 1/2	361.500 or 1007		
954	250	3/4		361.750 or 1007A		
275	250	1	AGX 1 or BAG 1	361001 or 1008		
596	250	1 1/2	AGX 1 1/2	36101.5		
296	250	2	AGX 2 or BAG 2	361002 or 1009		
821	125	3	AGX 3	361003		
783	32	30	AGX 30 or BAG 30			

MUSES: 1/4" x 1 1/4" WITH GLASS TUBE

* Raytheon Mfg. Co. Pt. No.

PAGE 4

OTHER

LITTLE ROSE INC.

RUSSMAN MFG. CO.

MRS.

VOICES

5CH/
REF.

I.B.M. NUMBER

312.062 or 1322	MEM 1/16	1/16	250	803
312.125 or 1044	AGC 1/8 or 3AG 1/8	1/8	250	329
312.250	AGC 1/4	1/4	250	686
312.375 or 1045A	AGC 3/8 or 3AG 3/8	3/8	250	450
312.500 or 1046	AGC 1/2 or 3AG 1/2	1/2	250	328
312.750 or 1047	AGC 3/4 or 3AG 3/4	3/4	250	33
312001	AGC 1 or 3AG 1	1	250	669
31201.5 or 1041	AGC 1 1/2 or 3AG 1 1/2	1 1/2	250	185
*226-100 P4				
312002 or 1042	AGC 2 or 3AG 2	2	250	232
312003 or 1043	AGC 3	3	250	666
312004 or 1357	AGC 4 or MTH 4	4	250	787
312005 or 1358	AGC 5 or MTH 5	5	250	621
312006 or 1359	AGC 6 or MTH 6	6	250	465
312008 or 1360	AGC 8 or MTH 8	8	125	459
311010 or 1081	AGC 10 or 3AG 10	10	32	344
311015 or 1082	AGC 15 or 3AG 15	15	32	16

FUSES: 1/4" x 1 1/4" WITH GLASS TUBE (CONT'D.)

PAGE 4a

I.D.M. NUMBER	5CR/ REF.	VOLTS	AMPS.	BUSSMAN MFG. CO.	LITTLE FUSE INC.	OTHER
107		32	20	AGG 20 or 3AG 20	307020	
326		32	30	AGG 30 or 3AG 30	311030	
448		32	40	AGG 40 or 3AG 40		
272		32	50	AGG 50 or 3AG 50		

50R/
REF. NUMBER
VOLTS
AMPS.
RUSSMAN MFG. CO.
LITTLE ROSE INC.
OTHER

812	250	1/16	MCS 1/16
293	250	1/8	461.125 or 1337
590	250	1/4	461.250 or 1470
96	250	1/2	AGS 1/2
1061	250	3/4	AGS 3/4 or 4AG 3/4
47	250	1	AGS 1
454	250	1 1/2	AGS 1 1/2
567	250	2	AGS 2
177	250	3	AGS 3
48	32	5	AGS 5
10021	32	8	AGS 8
30	32	10	AGS 10
68	32	15	AGS 15
49	32	20	AGS 20
69	32	25	AGS 25
97	32	30	AGS 30

TUBES: 9/32" x 1 1/4" GLASS TUBE (CONT'D.)

PAGE 5a

I.B.M. NUMBER	50H/ REF.	VOLTS	AMPS.	BUSSMAN MFG. CO.	LITTLE FUSE INC.	OTHER
77		32	35	AGS 35	411035	
61		32	40	AGS 40	411040 or 1100	
321		32	50	AGS 50	411050	
120		32	60	AGS 60	411060	

FUSES: 1 1/2" x 1/32" CLASS TUBE

PAGE 6

5CB I.B.M. NUMBER REF. VOLTS AMPS. BOSSMAN MFG. CO. LITTLE ROSE INC. OTHER

93	250	1	AGU 1	511001 or 1160
150	250	2	AGU 2	511002 or 1161
94	250	5	AGU 5	511005 or 1163
52	32	10	AGU 10	511010 or 1164
53	32	15	AGU 15	511015 or 1165
54	32	20	AGU 20	511020 or 1166
32	32	30	AGU 30	511030 or 1167
157	32	35	AGU 35	511035 or 1472
95	32	40	AGU 40	511040 or 1168
108	32	50	AGU 50	511050 or 1169
37	32	60	AGU 60	511060 or 1222

FUSES: 1/4" x 1 1/4" GLASS TUBE DUAL ELEMENT

PAGE 7

5GR/ I.D.M. NUMBER REF. VOLTS AMPS. RUSSMAN MFG. CO. LITTLE FUSE INC. OTHER

777	125	1/16	MDL 1/16 (250 V.)	313062
873	125	1/10	MDL 1/10 (250 V.)	3130100
872	125	15/100	MDL 15/100 (250 V.)	3130150
1140	125	2/10	MDL 0.2 (250 V.)	3130200
874	125	1/4	MDL 1/4 (250 V.)	3130250 or 1264
875	125	3/10	MDL 0.3 (250 V.)	3130300
629	125	3/8	MDL 3/8 (250 V.)	3130375 or 1265
876	125	4/10	MDL 0.4 (250 V.)	3130400
468	125	1/2	MDL 1/2 (250 V.)	3130500 or 1266
928	125	6/10		3130600
959	125	3/4	MDL 3/4 (250 V.)	3130750 or 1267
877	125	8/10	MDL 0.8 (250 V.)	3130800
651	125	1	MDL 1 (250 V.)	313001
1047	125	1 1/2	MDL 1.5	31301.5 or 1041 0
878	125	1 6/10	MDL 1.6	31301.6
879	125	2	MDL 2	313002 or 1042 0

Cont'd. on Page 7a

POSTS: 1/4" x 1 1/4" GLASS TUBE DUAL ELEMENT (CONTD.)

PAGE 7a

I.B.M. NUMBER	5CB/ RFR.	VOLTS	AMPS.	BUSSMAN MFG. CO.	LITTLE JOSE INC.	OTHER
1087	125	2 1/2	MDL 2.5	31302.5		
927	125	3		313003		
880	125	3 2/10	MIX 3.2	31303.2		
920	32	3.2	MDL 3.2			
881	32	4	MDL 4	313004		
1268	125	5	MIX 5			
926	32	6 1/4	MDL 6.25			
650	32	8	MDL 8	313008		
415	32	10	MDL 10	313010 or 1081 G		
10105	32	20		313020		

ROVERS: 9/32" x 1 1/4" GLASS TUBE DUAL ELEMENT

** Commonwealth Motor Products Inc.

508/ I.B.M. NUMBER REF. VOLTS AMPS. BUSSMAN MFG. CO. LITTLE FUSE INC. OTHER

10006	250	1/10	MIN 1/10		
1137	250	2/10	MIN 2/10		413.200
780	250	1/4			413.250
237	250	1/2	MIN 1/2		413.500 or 1452 G 1/2
1046	250	6/10	MIN 6/10		413.600
1043	250	3/4			413.750
769	250	1	MIN 1		413001
591	125	1 1/4	MIN 1 1/4		
768	250	2	MIN 2 (125 A.)		413002 or 1092 G
291	250	3			413003
1093 G					
1443					
593	32	3 2/10	MIN 3 2/10		41303.2
652	32	5	MIN 5		413005 or 1094 G
198	32	10	MIN 10		413010 or 1095 G
934	32	20	MIN 20		413020 or 1097 G
10007	32	25			413025

411485