



* NO. 2 HELLENMAN SLEEVES ARE TO BE FITTED EVERY 3 FT.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
3508	3509	3510	3511	3512	3513	3514	3515	3516	3517	3518	3519	3520	3521	3522	3523	3524	3525	3526	3527
3528	3529	3530	3531	3532	3533	3534	3535	3536	3537	3538	3539	3540	3541	3542	3543	3544	3545	3546	3547
3548	3549	3550	3551	3552	3553	3554	3555	3556	3557	3558	3559	3560	3561	3562	3563	3564	3565	3566	3567

CABLE NO.	DESCRIPTION	CABLE SIZE	TYPES																
			J1	J2	J4	J5	J5B	J1B	J5F	J1B	J5F	J1B	J5F						
1	ACCUMULATOR TO MASTER SWITCH	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2	MASTER SWITCH TO 200-4 FUSE	UNWIN	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
3	AMMETER TO FUSE	UNWIN	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	T.B. TO FUSE	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5	ACCUMULATOR	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
6	WATER SWITCH	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
7	RELAY SWITCH	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
8	STARTER MOTOR	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
9	STARTER PUSH	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
10	RELAY SWITCH	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
11	FUSE TO FUSE	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
12	STARTER - LIGHT	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
13	SWITCH TO NAV. & CABIN FUSE	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
14	NAV. LIGHTS	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
15	NAV. LIGHTS	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
16	SWITCH TO STRB. SOCKET	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
17	LANDING LAMP	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
18	3 WAY SWITCH - BOY TO RED IDENT. LIGHT	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
19	3 WAY SWITCH - BOY TO GREEN IDENT. LIGHT	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
20	3 WAY SWITCH - BOY TO AMBER IDENT. LIGHT	UNWIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

CABLE NO.	DESCRIPTION	CABLE SIZE	TYPES																
			J1	J2	J4	J5	J5B	J1B	J5F	J1B	J5F	J1B	J5F						
21	PILOT HEAD SWITCH TO PILOT HEAD	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
22	CABIN LIGHT SWITCH TO LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
23	CABIN LIGHT SWITCH TO CABIN LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
24	IDENT. LIGHT SWITCH TO IDENT. LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
25	PILOT HEAD SWITCH TO PILOT HEAD	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
26	PILOT HEAD TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
27	19 TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
28	TERMINAL BLOCK TO TERMINAL BLOCK	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
29	FLUG TO TERMINAL BLOCK	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
30	TERMINAL BLOCK TO NAV. LIGHTS	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
31	TERMINAL BLOCK TO TERMINAL BLOCK	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
32	TERMINAL BLOCK TO TAIL LAMP	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
33	BUTTON - PUSH SWITCH BOX	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
34	LANDING LAMP SWITCH TO LAMP	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
35	INSTUMENT LIGHT TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
36	GENERATOR TO TERMINAL BLOCK	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
37	SUPPRESSOR TO GENERATOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
38	NAV. LIGHT SWITCH TO CABIN LIGHT SWITCH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
39	CABIN LIGHT TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
40	GEN. FUSE TO FUSE	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L

CABLE NO.	DESCRIPTION	CABLE SIZE	TYPES																
			J1	J2	J4	J5	J5B	J1B	J5F	J1B	J5F	J1B	J5F						
41	T.B. TO EARTH SUPPRESSOR (EARTH)	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
42	SOCKET TO EARTH (PORT & STRB)	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
43	IDENT. LIGHT SWITCH TO IDENT. LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
44	TERMINAL BLOCK TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
45	NAV. LIGHT SWITCH TO UPPER DEWIC LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
46	UPPER DEWIC LIGHT TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
47	LOWER DEWIC LIGHT TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
48	NAV. LIGHT SWITCH TO LOWER DEWIC LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
49	MASTER SWITCH MOTOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
50	TERMINAL BLOCK	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
51	80-4 FUSE TO AMMETER	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
52	STARTER MOTOR TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
53	ACCUMULATOR (CABLE SWITCH) ISOLATION	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
54	ACCUMULATOR (CABLE SWITCH) ISOLATION	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
55	CUT-OUT TO EARTH ALSO SUPPRESSOR (EARTH)	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
56	TERMINAL BLOCK TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
57	CUT-OUT TO SUPPRESSOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
58	CUT-OUT TO EARTH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
59	CUT-OUT TO ENGINE DRIVEN GENERATOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
60	FUSE TO ENGINE DRIVEN GENERATOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L

CABLE NO.	DESCRIPTION	CABLE SIZE	TYPES																
			J1	J2	J4	J5	J5B	J1B	J5F	J1B	J5F	J1B	J5F						
61	CUT-OUT TO SUPPRESSOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
62	CUT-OUT TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
63	IDENT. LIGHT SWITCH TO IDENT. LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
64	RED TO GREEN IDENT. LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
65	TO FUSE SUPPRESSOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
66	AMBER IDENT. LIGHT TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
67	CUT-OUT TO FUSE	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
68	SUPPRESSOR TO REGULATOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
69	CUT-OUT TO ENGINE DRIVEN GENERATOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
70	CUT-OUT TO SUPPRESSOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
71	CUT-OUT TO FUSE	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
72	SUPPRESSOR TO FUSE	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
73	TERMINAL BLOCK TO SWITCH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
74	TERMINAL BLOCK TO SWITCH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
75	SUPPRESSOR TO TERMINAL BLOCK	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
76	TERMINAL BLOCK TO SUPPRESSOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
77	CUT-OUT TO MASTER SWITCH (AND T.B.)	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
78	ENGINE DRIVEN GENERATOR	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
79	COMPRESSOR LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
80	PILOT HEAD TO CABIN LIGHT	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L

CABLE NO.	DESCRIPTION	CABLE SIZE	TYPES																
			J1	J2	J4	J5	J5B	J1B	J5F	J1B	J5F	J1B	J5F						
88	ENGINE DRIVEN GENERATOR TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
89	REGULATOR TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
90	REGULATOR TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
91	GENERATOR TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
92	REGULATOR TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
93	REGULATOR TO T.B.	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
94	MAN FUSE BOX TO MAN FUSE BOX	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
95	MAN FUSE BOX TO MAN FUSE BOX	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
96	AMMETER TO 40 AMP FUSE	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
97	MASTER SWITCH	UNWIN	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L

NOTE: STROKE NO. AFTER PART NO. INDICATES TYPICAL LENGTH OF CABLE IN INCHES.

1. A T.B. IS A CABLE 30" LONG FOR DETAILS OF CABLE ENDS SEE SHIT 3.

ELECTRICAL CABLES WIZING TABLE

SEE SHIT 3