

Figure 57 #	Decription	Wire Gauge	Cut Length in Inches	Wire Label
1	Battery Relay B terminal to Battery Positive	4	77	1
2	Battery Relay G Terminal to Starter Solenoid B	4	8	2
3	Battery Negative Terminal to Ground	4	8	3
4	Master relay to Ammeter	10	77	4
5	Ammeter to Voltage Regulator B Terminal	10	84	5
6	Ammeter to 40 Amp Circuit Breaker	10	36	6
7	Starter Switch start terminal to starter solenoid terminal S	18	77	7
8	Starter Switch terminal R to battery terminal to power bus	18	32	8
9	Generator A Terminal to voltage regulator terminal A	10	18	9
10	Generator terminal F to master switch	14	60	10
11	Master Switch to Voltage Regulator Terminal F	14	63	11
12	Master switch to battery master relay	18	71	12
13	Master switch to ground common with 14 wire	18	22	13
14	Starter switch ground germinal to ground common with wire 13	18	8	14
15	Starter switch right terminal to right magneto shielded	18	36	15
16	Starter switch left terminal to left magneto shielded	18	36	16
17	Landing light circuit breaker to landing light switch	14	16	17
18	Landing light switch to left wing terminal board	14	68	18
19	Inboard landing light bulb to outboard landing light bulb positive side	14	72	19
20	Inboard landing light bulb to outboard landing light bulb ground side	14	72	20
21	Inboard landing light bulb to ground	14	20	21
22	Dome light to ground	16	18	22 Dome Light GND
23	Position light switch to dome light	16	72	23 Dome Light PWR
24	Postion light circuit breaker to position light switch	16	24	24
25	Right instrument panel lights to panel light dimmer	18	70	25 R INST Lights
26	Left instrument panel lights to panel light dimmer	18	70	26 L INST Lights
27	Position light switch to left wing terminal board	16	80	27
28	Left wing terminal board to rudder disconnect	16	80	28
29	Left wing terminal board to position light switch	16	72	29
30	Right wing terminal board to position light switch	16	60	30
31	Fuel gauge circuit breaker to fuel gauge to power resistor terminal	18	48	31
32	Fuel gauge to fuel tank selector switch center	18	30	32
33	Fuel tank selector switch to right wing terminal board	18	48	33
34	Right wing terminal board to right fuel quantity transmitter	18	48	34
35	Rudder disconnect to aft position light	16	98	35
36	Fuel tank selector swtich to left wing terminal board	18	60	36
37	Left wing terminal board to left fuel quantity transmitter	18	60	37
38	Left wing terminal board to inboard landing light bulb postitive	14	84	38
39	Left wing terminal board to left position light	16	84	39
40	Right wing terminal board to right position light	16	84	40
41	Position light switch to panel light dimmer	16	36	41
42	40A circuit breaker to circuit breaker power side	10	8	42
43	Anti Collision light circuit breaker to anti collision light switch	18	36	43
44	Anti Collision light switch to anti collision light power supply positive	18	72	Collision PWR 44
45	Anti Collision light power supply to ground	18	60	Collision GND 45
46	Turn and Bank circuit breaker to Turn and Bank switch	16	48	46
47	Turn and Bank switch to terminal on Turn and Bank indicator	16	48	T&B PWR 47
48	Terminal pin B on Turn and Bank indicator to ground	16	48	T&B GND 48

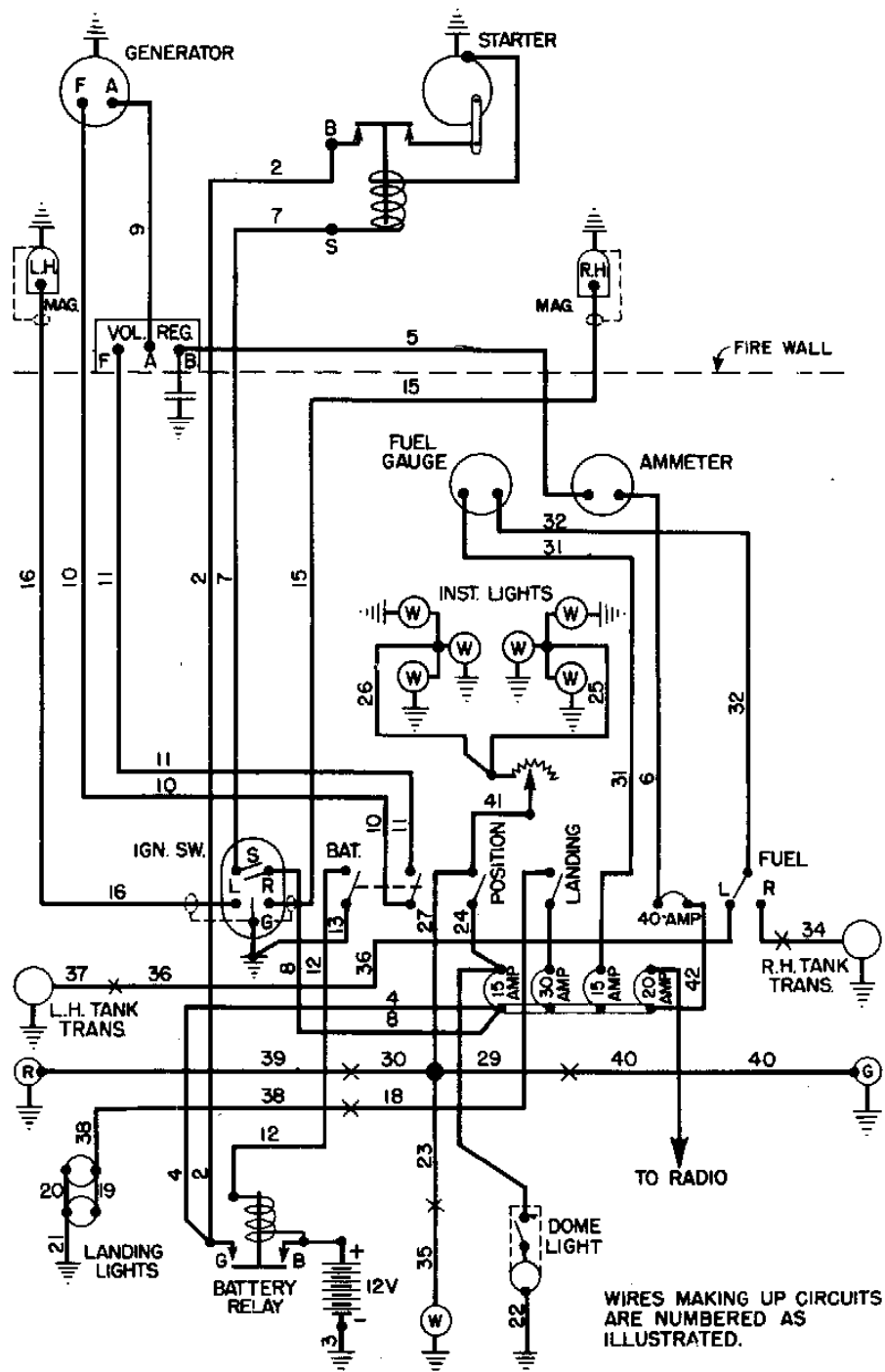


Figure 57—Electrical Wiring Diagram (Models 108, -1, -2)