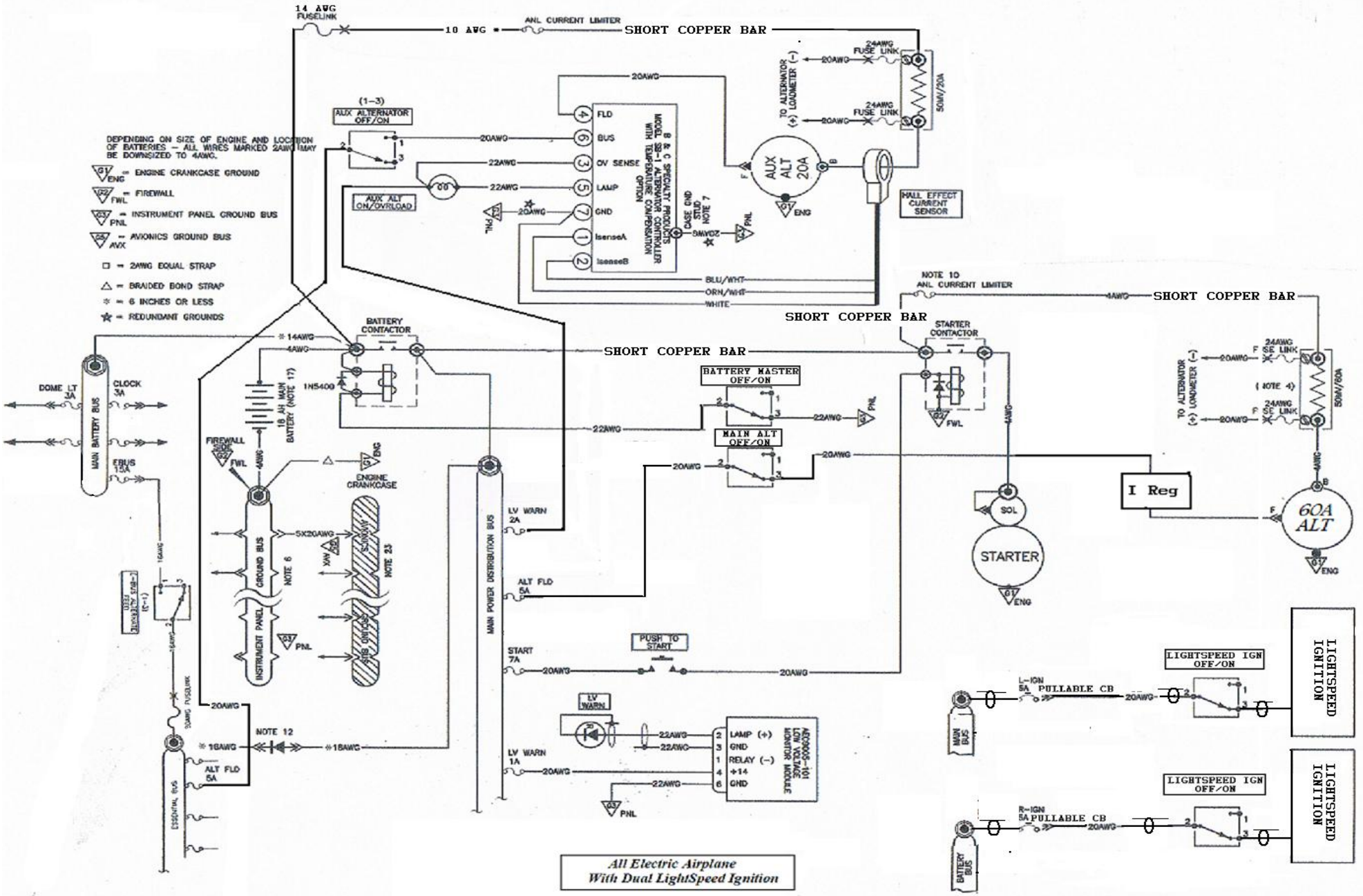
14 AWG FUSELINK
10 AWG
ANL CURRENT LIMITER
SHORT COPPER BAR
24AWG FUSE LINK
20AWG
50MV/20A
TO ALTERNATOR (+) LOADMETER (-)
(1-3) AUX ALTERNATOR OFF/ON
AUX ALT ON/OVERLOAD
22AWG
FLD
BUS
OV SENSE
LAMP
GND
IsenseA
IsenseB
MODEL 353 B & C SPECIALTY PRODUCTS ALTERNATOR WITH TEMPERATURE COMPENSATION OPTION
CASE GND STUD NOTE 7
5MW2D
AUX ALT 20A
HALL EFFECT CURRENT SENSOR
BLU/WHT
ORN/WHT
WHITE
DEPENDING ON SIZE OF ENGINE AND LOCATION OF BATTERIES – ALL WIRES MARKED 2AWG MAY BE DOWNSIZED TO 4AWG.
G1 ENG = ENGINE CRANKCASE GROUND
G2 FWL = FIREWALL
G3 PNL = INSTRUMENT PANEL GROUND BUS
G4 AVX = AVIONICS GROUND BUS
□ = 2AWG EQUAL STRAP
△ = BRAIDED BOND STRAP
* = 6 INCHES OR LESS
☆ = REDUNDANT GROUNDS
NOTE 10 ANL CURRENT LIMITER
4AWG
SHORT COPPER BAR
BATTERY CONTACTOR
STARTER CONTACTOR
14AWG
1N5406
18 AH MAIN BATTERY (NOTE 17)
BATTERY MASTER OFF/ON
MAIN ALT OFF/ON
DOME LT 3A
CLOCK 3A
MAIN BATTERY BUS
EBUS 15A
FIREWALL SIDE
ENGINE CRANKCASE
GROUND BUS
NOTE 6
INSTRUMENT PANEL
5X20AWG
5X20AWG
NOTE 23
AUX ON/OFF
MAIN POWER DISTRIBUTION BUS
LV WARN 2A
ALT FLD 5A
START 7A
PUSH TO START
LV WARN
LV WARN 1A
AEC0005-101 LOW VOLTAGE MONITOR MODULE
LAMP (+)
GND
RELAY (-)
+14
GND
NOTE 12
16AWG
ESSENTIAL BUS
SOL
STARTER
I Reg
60A ALT
TO ALTERNATOR (+) LOADMETER (-)
50MV/60A
(NOTE 4)
L-IGN 5A PULLABLE CB
R-IGN 5A PULLABLE CB
LIGHTSPEED IGN OFF/ON
LIGHTSPEED IGNITION
MAIN BUS
BATTERY BUS
All Electric Airplane
With Dual LightSpeed Ignition