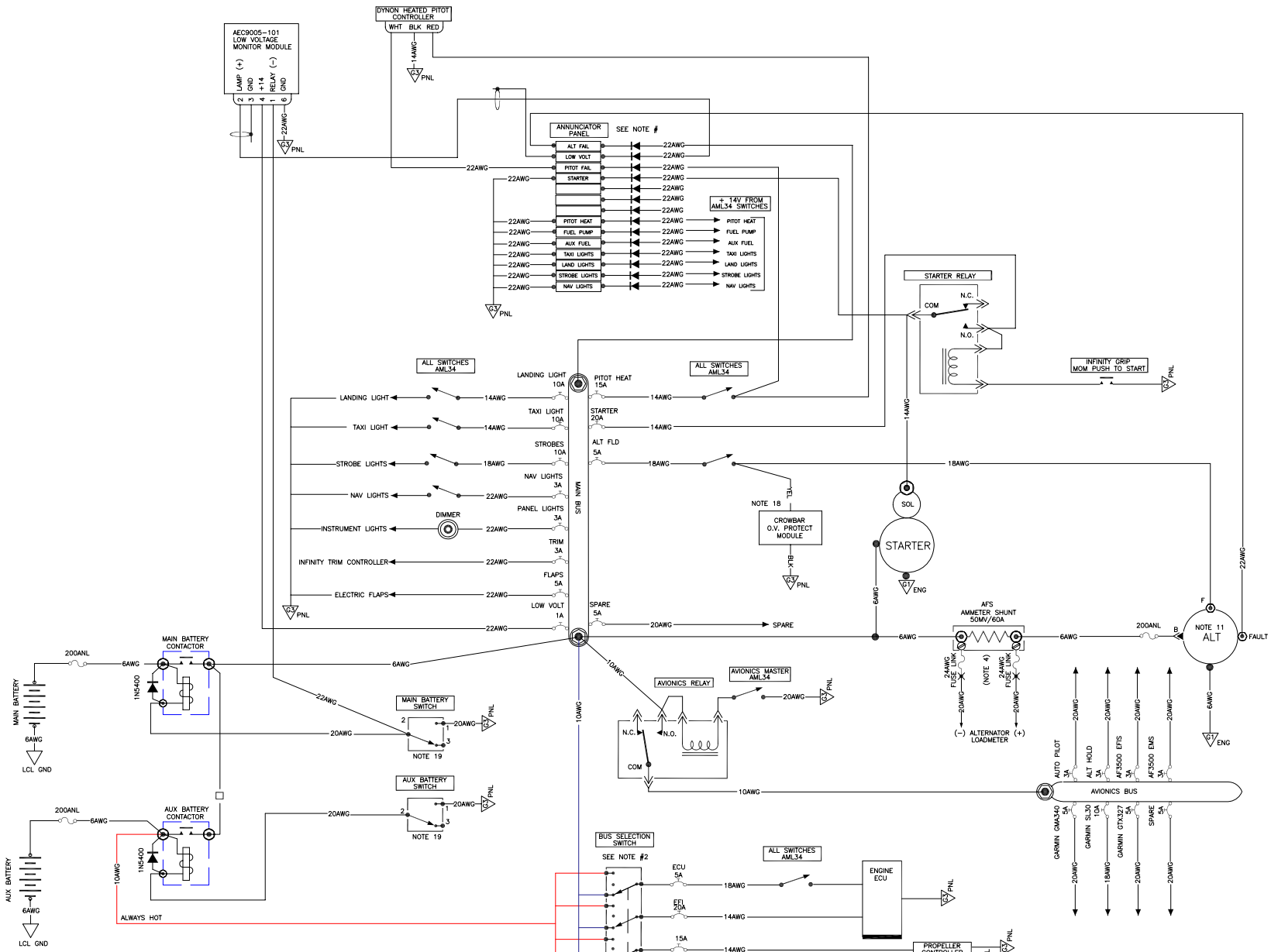
AEC9005-101
LOW VOLTAGE
MONITOR MODULE
LAMP (+)
GND
+14
RELAY (-)
GND
DYNON HEATED PITOT CONTROLLER
WHT BLK RED
14AWG
22AWG
PNL
ANNUNCIATOR PANEL
SEE NOTE #
ALT FAIL
LOW VOLT
PITOT FAIL
STARTER
PITOT HEAT
FUEL PUMP
AUX FUEL
TAXI LIGHTS
LAND LIGHTS
STROBE LIGHTS
NAV LIGHTS
+ 14V FROM AML34 SWITCHES
STARTER RELAY
COM
N.C.
N.O.
INFINITY GRIP MOM PUSH TO START
ALL SWITCHES AML34
LANDING LIGHT
TAXI LIGHT
STROBE LIGHTS
NAV LIGHTS
INSTRUMENT LIGHTS
INFINITY TRIM CONTROLLER
ELECTRIC FLAPS
DIMMER
LANDING LIGHT 10A
PITOT HEAT 15A
TAXI LIGHT 10A
STARTER 20A
STROBES 10A
ALT FLD 5A
NAV LIGHTS 3A
PANEL LIGHTS 3A
TRIM 3A
FLAPS 5A
LOW VOLT 1A
SPARE 5A
MAIN BUS
18AWG
20AWG
TCL
NOTE 18
CROWBAR O.V. PROTECT MODULE
BLK
SOL
STARTER
ENG
6AWG
AFS AMMETER SHUNT 50MV/60A
(NOTE 4)
24AWG FUSE LINK
(-) ALTERNATOR LOADMETER (+)
NOTE 11
ALT
F
B
FAULT
200ANL
MAIN BATTERY CONTACTOR
1N5400
MAIN BATTERY
LCL GND
MAIN BATTERY SWITCH
NOTE 19
AUX BATTERY CONTACTOR
AUX BATTERY
AUX BATTERY SWITCH
10AWG
ALWAYS HOT
AVIONICS RELAY
AVIONICS MASTER AML34
AUTO PILOT 3A
ALT HOLD 3A
AF3500 EFIS 5A
AF3500 EMS 5A
AVIONICS BUS
GARMIN GMA340 5A
GARMIN SL30 10A
GARMIN GTX327 5A
SPARE 5A
BUS SELECTION SWITCH
SEE NOTE #2
ECU 5A
EFI 20A
15A
10A MAIN FUEL
10A AUX FUEL
ENGINE ECU
PROPELLER CONTROLLER
MAIN FUEL PUMP
AUX FUEL PUMP
GROUNDING NOTES:
G1 ENG = ENGINE CRANKCASE GROUND
G2 FWL = FIREWALL
G3 PNL = INSTRUMENT PANEL GROUND BUS
G5 AVX = AVIONICS GROUND BUS
- ALL GROUND LOCATIONS TIED BACK INTO BATTERIES AT G1
- ALL EQUIPMENT HAVE SEPERATE GROUND WIRES TO G2, G3, OR G5