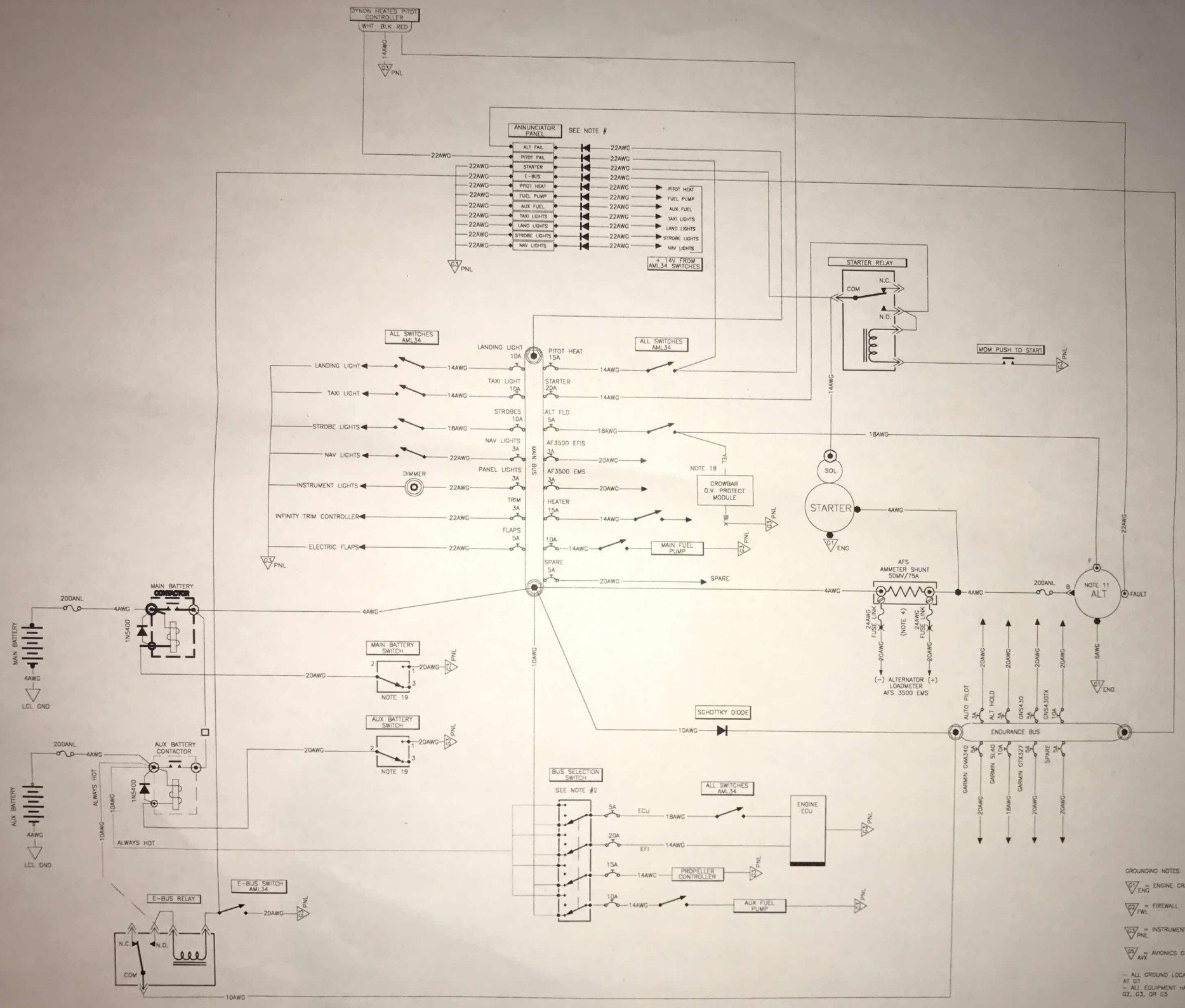
DYNON HEATED PITOT CONTROLLER
WHT BLK RED
14AWG
G3 PNL
ANNUNCIATOR PANEL
SEE NOTE #
ALT FAIL
PITOT FAIL
STARTER
E-BUS
PITOT HEAT
FUEL PUMP
AUX FUEL
TAXI LIGHTS
LAND LIGHTS
STROBE LIGHTS
NAV LIGHTS
22AWG
+ 14V FROM AML34 SWITCHES
STARTER RELAY
COM
N.C.
N.O.
MOM PUSH TO START
ALL SWITCHES AML34
LANDING LIGHT
TAXI LIGHT
STROBE LIGHTS
NAV LIGHTS
INSTRUMENT LIGHTS
INFINITY TRIM CONTROLLER
ELECTRIC FLAPS
DIMMER
14AWG
18AWG
MAIN BUS
LANDING LIGHT 10A
TAXI LIGHT 10A
STROBES 10A
NAV LIGHTS 3A
PANEL LIGHTS 3A
TRIM 3A
FLAPS 5A
PITOT HEAT 15A
STARTER 20A
ALT FLD 5A
AF3500 EFIS 3A
AF3500 EMS 3A
HEATER 15A
10A
SPARE 5A
20AWG
SPARE
NOTE 18
CROWBAR O.V. PROTECT MODULE
TEL
BLK
MAIN FUEL PUMP
SOL
STARTER
4AWG
ENG
AFS AMMETER SHUNT 50MV/75A
24AWG FUSE LINK
(NOTE 4)
(-) ALTERNATOR LOADMETER AFS 3500 EMS
(+)
NOTE 11
ALT
F
B
FAULT
200ANL
8AWG
MAIN BATTERY
CONTACTOR
1N5400
MAIN BATTERY
LCL GND
MAIN BATTERY SWITCH
NOTE 19
AUX BATTERY SWITCH
AUX BATTERY CONTACTOR
AUX BATTERY
ALWAYS HOT
10AWG
SCHOTTKY DIODE
ENDURANCE BUS
AUTO PILOT
ALT HOLD
GNS430
GNS430TX
GARMIN GMA340
GARMIN SL40
GARMIN GTX327
SPARE
BUS SELECTION SWITCH
SEE NOTE #2
ECU
EFI
ENGINE ECU
PROPELLER CONTROLLER
AUX FUEL PUMP
E-BUS SWITCH AML34
E-BUS RELAY
GROUNDING NOTES:
ENG = ENGINE CRANKCASE GROUND
FWL = FIREWALL
PNL = INSTRUMENT PANEL GROUND BUS
AVX = AVIONICS GROUND BUS
- ALL GROUND LOCATIONS TIED BACK INTO BATTERIES AT G1
- ALL EQUIPMENT HAVE SEPERATE GROUND WIRES TO G2, G3, OR G5