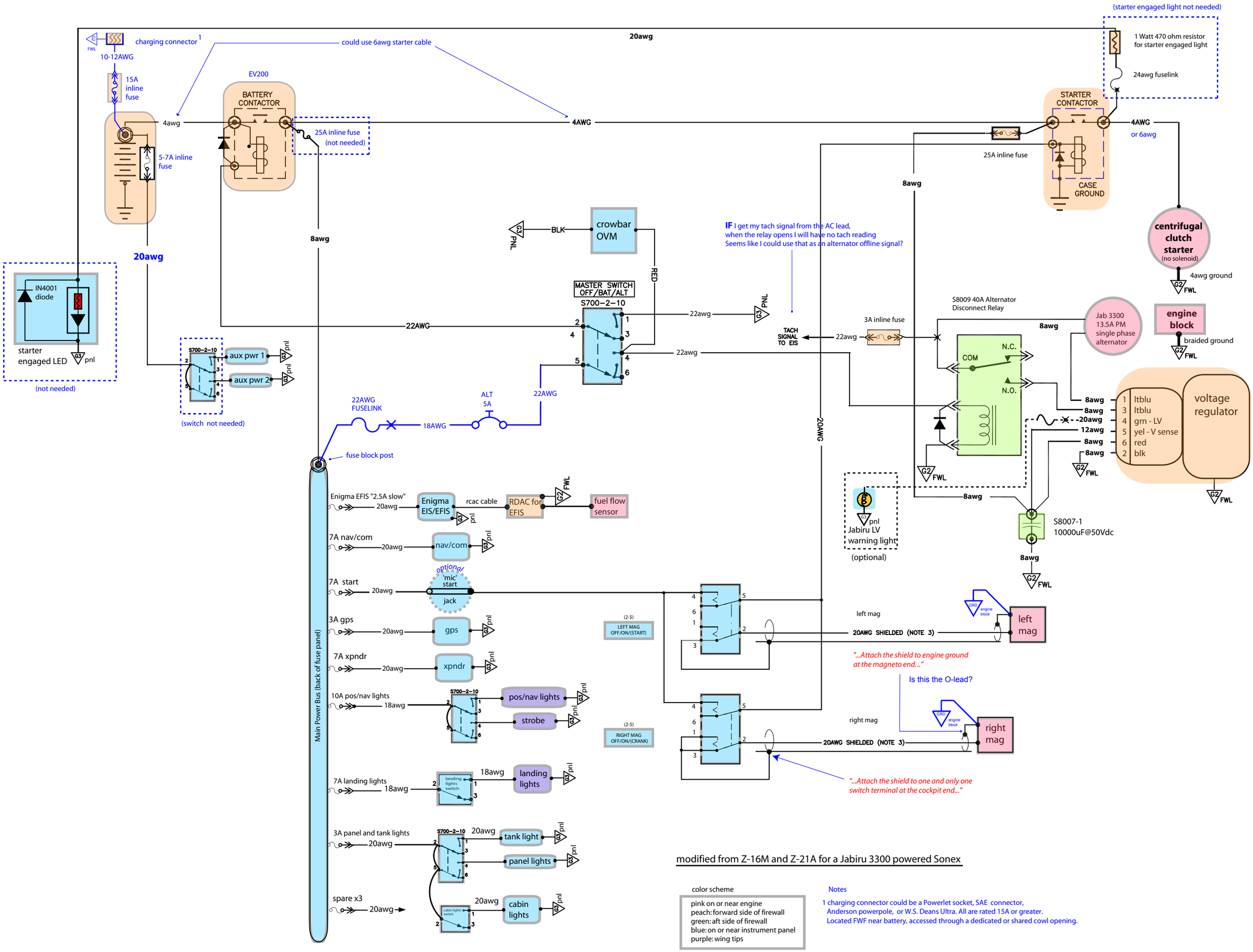
(starter engaged light not needed)
1 Watt 470 ohm resistor for starter engaged light
24awg fuselink
charging connector 1
FWL
10-12AWG
could use 6awg starter cable
20awg
15A inline fuse
EV200
BATTERY CONTACTOR
4awg
4AWG
25A inline fuse (not needed)
5-7A inline fuse
STARTER CONTACTOR
4AWG or 6awg
25A inline fuse
8awg
CASE GROUND
20awg
8awg
crowbar OVM
BLK
G3 PNL
RED
IF I get my tach signal from the AC lead, when the relay opens I will have no tach reading
Seems like I could use that as an alternator offline signal?
centrifugal clutch starter (no solenoid)
4awg ground
G2 FWL
MASTER SWITCH OFF/BAT/ALT
S700-2-10
22awg
G3 PNL
TACH SIGNAL TO EIS
22awg
3A inline fuse
S8009 40A Alternator Disconnect Relay
8awg
Jab 3300 13.5A PM single phase alternator
engine block
braided ground
G2 FWL
IN4001 diode
starter engaged LED
G3 pnl
(not needed)
S700-2-10
aux pwr 1
aux pwr 2
G3 pnl
(switch not needed)
22AWG
22AWG FUSELINK
18AWG
ALT 5A
22AWG
COM
N.C.
N.O.
G2 FWL
8awg
8awg
20awg
12awg
8awg
8awg
1 ltblu
3 ltblu
4 grn - LV
5 yel - V sense
6 red
2 blk
voltage regulator
G2 FWL
fuse block post
Enigma EFIS "2.5A slow"
20awg
Enigma EIS/EFIS
rcac cable
RDAC for EFIS
G2 FWL
fuel flow sensor
G3 pnl
Jabiru LV warning light
(optional)
S8007-1
10000uF@50Vdc
8awg
G2 FWL
7A nav/com
20awg
nav/com
G3 pnl
optional
'mic' start jack
7A start
20awg
3A gps
20awg
gps
G3 pnl
7A xpndr
20awg
xpndr
G3 pnl
10A pos/nav lights
18awg
S700-2-10
pos/nav lights
strobe
G3 pnl
7A landing lights
18awg
landing lights switch
18awg
landing lights
G3 pnl
3A panel and tank lights
20awg
S700-2-10
20awg
tank light
panel lights
G3 pnl
spare x3
20awg
20awg
cabin lights
G3 pnl
Main Power Bus (back of fuse panel)
(2-5)
LEFT MAG OFF/ON/(START)
(2-5)
RIGHT MAG OFF/ON/(CRANK)
left mag
20AWG SHIELDED (NOTE 3)
"...Attach the shield to engine ground at the magneto end..."
GRD engine block
left mag
Is this the O-lead?
right mag
20AWG SHIELDED (NOTE 3)
"...Attach the shield to one and only one switch terminal at the cockpit end..."
GRD engine block
right mag
modified from Z-16M and Z-21A for a Jabiru 3300 powered Sonex
color scheme
pink on or near engine
peach: forward side of firewall
green: aft side of firewall
blue: on or near instrument panel
purple: wing tips
Notes
1 charging connector could be a Powerlet socket, SAE connector, Anderson powerpole, or W.S. Deans Ultra. All are rated 15A or greater. Located FWF near battery, accessed through a dedicated or shared cowl opening.