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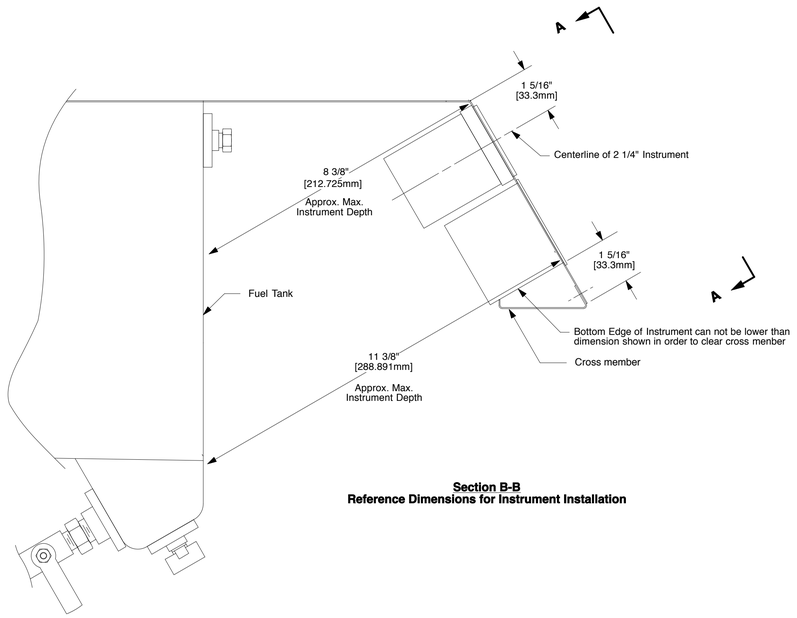
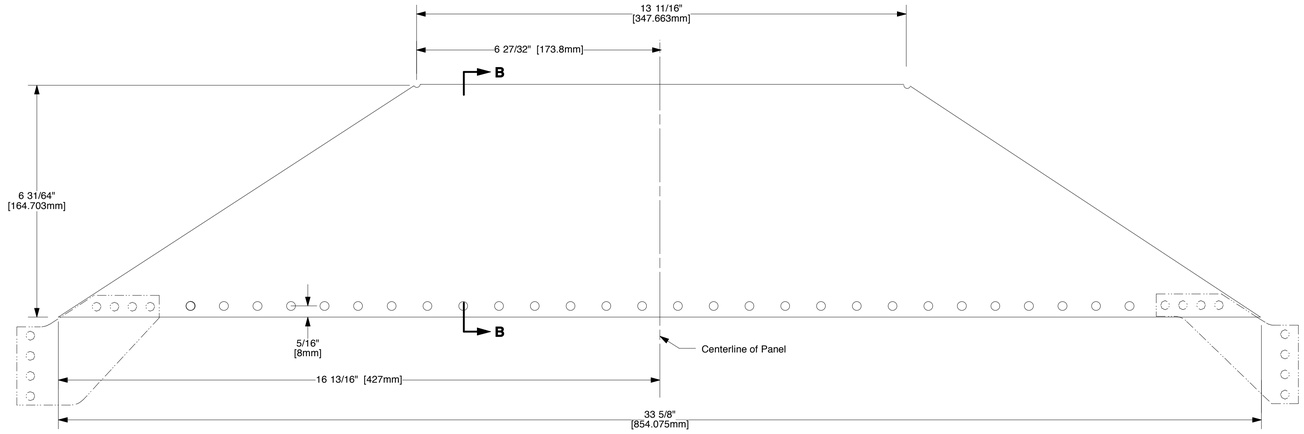
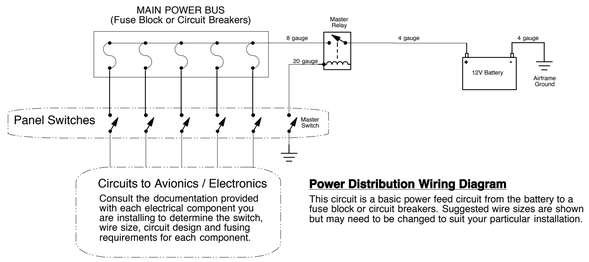
Revision Letter	Change Discription
A	Completely revised Avionics & Electrical to current configuration using the Stratomaster Ultra Digital Instrument (was) standard mechanical / analog flight and engine instruments Revised 11/15/03
B	Revised schematic to eliminate wiring for specific equipment due to wide range of options. Added panel size and depth details to aide in panel planning. Revised 03/23/11



Section B-B
Reference Dimensions for Instrument Installation



View A-A
Instrument Panel Flat Pattern
Use this pattern together with Section B-B to plan your instrument layout.
Scale: 1/2



Power Distribution Wiring Diagram

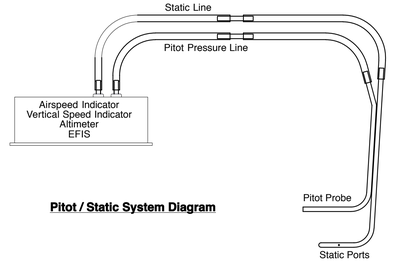
This circuit is a basic power feed circuit from the battery to a fuse block or circuit breakers. Suggested wire sizes are shown but may need to be changed to suit your particular installation.

Electrical System Design Recommendations:
Because of the custom nature of Amateur built aircraft, it is beyond the scope of Sonex Aircraft, LLC to provide an all-encompassing electrical schematic.

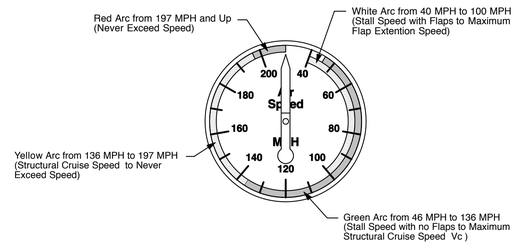
1. Recommended wire type is MIL-W-22759/16
2. All wire sizes to be properly sized for load and wire length.
3. Avionics must be installed per manufacturer's recommendations. This includes circuit design, overload protection, wire size, switching, etc.
4. Electrical accesories (lights, power outlets, etc.) must be installed per manufacturer's recommendations. This includes circuit design, overload protection, wire size, switching, etc.
5. In the absence of specifc guidance, consult Advisory Circular AC 43.13.

Engine Related Wiring
AeroVee engines must be wired per the schematics (starter, ignition, and charging circuits) detailed in the AeroVee Assembly and Installation manual.

Jabiru engines must be wired per the schematics (starter, ignition, and charging circuits) detailed in the Jabiru-provided manuals.



Pitot / Static System Diagram



Airspeed Indicator Markings
(Shown on Mechanical ASI)

Master Electrical & Avionics Equipment and Load List

Note: Consult proper regulatory agency (FAA, CAA, PFA, etc.) for minimum equipment requirements to license your aircraft.
Note: Sonex Aircraft, LLC provides a Flight Manual in which you can record your aircraft's equipment list.

Item or Description	Load (amps)	Fuse Size
Total:		

-01	1	Avionics& Electrical System	SNX-B04
Dash Number	Quantity Required	Part Title	Next Assembly

sonex
Avionics & Electrical System

Drawing Scale	Drawing Number	Revision
None	SNX-E01	B