

<u>Item</u>	<u>Spec'd Part</u>	<u>Location</u>	<u>Price</u>	<u>Notes</u>	<u>Link</u>
<b><u>Firewall Forward:</u></b>					
Battery	EarthX ETX680C	Firewall	\$379.00		<a href="https://earthxbatteries.com/shop/etx680c">https://earthxbatteries.com/shop/etx680c</a>
Battery Box	EarthX BB-CO	Firewall	\$49.00		<a href="https://earthxbatteries.com/shop/custom-fit-aluminum-battery-box-etx680c">https://earthxbatteries.com/shop/custom-fit-aluminum-battery-box-etx680c</a>
Alternator	20A Aerovee Alt	Back of Engine	\$0.00		<a href="https://www.sonexaircraft.com/eshop/cart.php?target=product&amp;product_id=16758&amp;substring=alternator">https://www.sonexaircraft.com/eshop/cart.php?target=product&amp;product_id=16758&amp;substring=alternator</a>
Primary (mag) Ignition	Aerovee	Back of Engine	\$0.00		
Secondary (coil) Ignition	Aerovee	Firewall	\$0.00		
Starter	Aerovee	Back of Engine	\$0.00		<a href="https://www.sonexaircraft.com/eshop/cart.php?target=product&amp;product_id=16759&amp;substring=starter">https://www.sonexaircraft.com/eshop/cart.php?target=product&amp;product_id=16759&amp;substring=starter</a>
Voltage Regulator	Aerovee	Firewall	\$0.00		<a href="https://www.sonexaircraft.com/eshop/cart.php?target=product&amp;product_id=16761&amp;substring=voltage">https://www.sonexaircraft.com/eshop/cart.php?target=product&amp;product_id=16761&amp;substring=voltage</a>
Crowbar OV Protection	B&C S05-1 (or S06-1?)		\$80.00		<a href="https://bandc.com/product/pm-ov-filter-and-ov-protection-kit-14v/">https://bandc.com/product/pm-ov-filter-and-ov-protection-kit-14v/</a>
Filter Capacitor	included in Crowbar kit		\$0.00		
Alternator Control Relay	included in Crowbar kit		\$0.00		
Master Battery Contactor	B&C S701-1	Firewall	\$35.00		
Terminal Boots					<a href="https://bandc.com/product/terminal-insulation-boot">https://bandc.com/product/terminal-insulation-boot</a>
Ground Block	B&C 24-tab	Firewall	\$30.00		<a href="https://bandc.com/product/ground-block-24-tab/">https://bandc.com/product/ground-block-24-tab/</a>
Battery Charger Port		Outside of cowl			
<b><u>Engine Sensors:</u></b>					
CHT Thermocouple x4	Sonex				
EGT Thermocouple x4					
Oil Temp	Sonex				
Oil Pressure				Use the Garmin one	
Fuel Level	Sonex			Power from bus, or GEA 24???	
Fuel Flow	FT-90			Return for FT-60???	
Manifold Pressure				Use the Garmin one	
Turbo Coolant Temp					
Ammeter					
RPM					
Voltage					
<b><u>Turbo Cooler Stuff:</u></b>					
Turbo Cooler Water Pump	G9020-47031		\$49.00		<a href="https://www.amazon.com/gp/product/B01NCIP14M/ref=oh_aui_detailpage_o00_s00?ie=UTF8&amp;psc=1">https://www.amazon.com/gp/product/B01NCIP14M/ref=oh_aui_detailpage_o00_s00?ie=UTF8&amp;psc=1</a>
Turbo Cooler Fan	Spal 30103009		\$60.00		<a href="https://www.amazon.com/Spal-30103009-Paddle-Blade-Pusher/dp/B009OBP150/ref=sr_1_1?dchild=1&amp;keywords=Spal+30103009&amp;qid=1586231782&amp;sr=8-1">https://www.amazon.com/Spal-30103009-Paddle-Blade-Pusher/dp/B009OBP150/ref=sr_1_1?dchild=1&amp;keywords=Spal+30103009&amp;qid=1586231782&amp;sr=8-1</a>
Turbo Cooler Thermostat	AV-1042-1-180-18		\$20.00		<a href="https://www.americanvolt.com/products/180f-electric-fan-thermostat-switch-1-8-npt-brass-sensor-probe-chevy-350-383">https://www.americanvolt.com/products/180f-electric-fan-thermostat-switch-1-8-npt-brass-sensor-probe-chevy-350-383</a>
<b><u>Power Distribution:</u></b>					
Main Bus	B&C FH-12		\$21.00		<a href="https://bandc.com/product/fuse-holder-6-20-slot/?attribute_configuration=6+Slot">https://bandc.com/product/fuse-holder-6-20-slot/?attribute_configuration=6+Slot</a>
Power Stabilizer	IPS-12v-4a				<a href="https://www.tcwtech.com/IPS-12v.htm">https://www.tcwtech.com/IPS-12v.htm</a>
Power Stabilized Bus	B&C FH-8		\$16.00		
Comm Bus	B&C FH-6		\$13.00		
Utility Bus	B&C FH-6		\$13.00		
ATC Style Fuses	B&C S889 x a bunch		\$1.25	price per 5-pack	<a href="https://bandc.com/product/atc-type-fuses/">https://bandc.com/product/atc-type-fuses/</a>
Alternator Field Circuit Breaker	2A (?)		\$20.00		<a href="https://bandc.com/product/circuit-breakers-1a-through-25a/">https://bandc.com/product/circuit-breakers-1a-through-25a/</a>
Main Bus Circuit Breaker (?)					
Comm Bus Circuit Breaker (?)					
Utility Bus Circuit Breaker (?)					
<b><u>Panel Items / Controls:</u></b>					
Master Switch	Stein LT-003	Panel	\$72.00	OFF - BATT - BATT/ALT	<a href="https://www.steinair.com/wp-content/uploads/2016/03/LT-003-Typ-use-as-MASTER-sw-Rev_A.pdf">https://www.steinair.com/wp-content/uploads/2016/03/LT-003-Typ-use-as-MASTER-sw-Rev_A.pdf</a>
Eng Start Switch	Stein Start Switch	Panel	\$24.00	Push Button	<a href="https://www.steinair.com/product/engine-start-switch/">https://www.steinair.com/product/engine-start-switch/</a>
Keyed Switch (?)		Panel		Use as starter disconnect???	Alternate: <a href="https://www.steinair.com/product/starter-switch/">https://www.steinair.com/product/starter-switch/</a>
Mags Switch	DPST	Panel			
Coils Switch	SPST	Panel			
Comm Bus Switch	SPST	Panel			
Utility Bus Switch	SPST	Panel			
Flap Switch	B&C S700-1-4	Panel	\$8.00		
Exterior Light Switches x3	B&C S700-1-2	Panel	\$5.00		
Interior Lights Dimmer Switch		Panel	\$41.00		<a href="https://www.steinair.com/product/led-light-dimmer/">https://www.steinair.com/product/led-light-dimmer/</a>
Alt Warning Light	included in Crowbar kit	Panel	\$0.00	Replace with discrete Garmin input?	
Low Voltage Warning Light	included in IPS kit	Panel	\$0.00		
Turbo Cooler Switch	B&C S700-1-1	Panel	\$5.00		
Turbo Cooler Indicator Light		Panel			
PTT Buttons x2		Stick & Panel			
A/P Disconnect Button		Stick			

ELT Control Panel		Panel	Included with ELT
Seat Heater Switch	Rostra 250-2801???	Panel	Included with Sonex upholstery?
Music Input Jack		Panel	

#### **Avionics**

Engine Interface	GEA 24	Forward Fuselage
Display	GDU 450	Panel
ADAHRS	GSU 25C	Back of GDU?
Radio	GTR 20	Behind seat
WAAS GPS Source	GPS 20A	Behind seat
Transponder	GTX 45R	Behind seat
Magnetometer	GMU 11	Aft Fuselage???
Autopilot Servos	GSA 28 x2	Under Seat
OAT Probe	GTP 59	Side of fwd fuselage
Pitot/AOA	GAP 26	Right Wing
ELT	ACK E-04	Aft Fuselage

#### **Other Things on Main Bus:**

Flap Motor	Sonex	Cargo Compartment	\$0.00
Interior Lights		Under Panel	
Landing Lights x2	Duckworks	Wings	
Nav/Pos Lights	Aveo Powerburst	Wings	
Strobe Lights	Aveo Powerburst	Wings	

#### **Other Things on Utility Bus:**

iPad Mount Power		Panel	<a href="https://www.aircraftspruce.com/catalog/avpages/ifdrmout13-18919.php?clickkey=7300">https://www.aircraftspruce.com/catalog/avpages/ifdrmout13-18919.php?clickkey=7300</a>
Seat Heaters	Sonex	Seats	
12v Power Outlet and/or USB Ports		Panel	

#### **Other Avionics Things:**

Headset Jacks x2				
VHF Antenna				
Transponder Antennna				
GPS Antenna	GA 35	Turtledeck	\$303.00	<a href="https://www.aircraftspruce.com/catalog/avpages/garminga35waasant.php?clickkey=11021">https://www.aircraftspruce.com/catalog/avpages/garminga35waasant.php?clickkey=11021</a>
ELT Antenna			Included with ELT	