

<u>Item</u>	<u>Spec'd Part</u>	<u>Location</u>	<u>Price</u>	<u>Notes</u>	<u>Link</u>
<u>Firewall Forward:</u>					
Battery	EarthX ETX680C	Firewall	\$379		https://earthxbatteries.com/shop/etx680c
Battery Box	EarthX BB-CO	Firewall	\$49		https://earthxbatteries.com/shop/custom-fit-aluminum-battery-box-etx680c
Alternator	20A Aerovee Alt	Back of Engine	\$0		https://www.sonexaircraft.com/eshop/cart.php?target=product&product_id=16758&substring=alternator
Primary (mag) Ignition	Aerovee	Back of Engine	\$0		
Secondary (coil) Ignition	Aerovee	Firewall	\$0		
Starter	Aerovee	Back of Engine	\$0		https://www.sonexaircraft.com/eshop/cart.php?target=product&product_id=16759&substring=starter
Voltage Regulator	Aerovee	Firewall	\$0		https://www.sonexaircraft.com/eshop/cart.php?target=product&product_id=16761&substring=voltage
Crowbar OV Protection	B&C 505-1	Firewall	\$80	or 506-1???	https://bandc.com/product/pm-ov-filter-and-ov-protection-kit-14v/
Filter Capacitor	incl. in Crowbar kit	Firewall	\$0		
Alternator Control Relay	incl. in Crowbar kit	Firewall	\$0		
Master Battery Contactor	B&C S701-1	Firewall	\$35		
Terminal Boots	MS25171-2S	Contact/Battery	\$3		https://bandc.com/product/terminal-insulation-boot
Ground Block	B&C 24-tab	Firewall	\$30		https://bandc.com/product/ground-block-24-tab/
Battery Charger Port		Outside of cowl			
<u>Engine Sensors:</u>					
CHT Thermocouple x4	Sonex K-Type		\$70	From Sonex	https://www.sonexaircraft.com/eshop/cart.php?target=product&product_id=16597&substring=cht
EGT Thermocouple x4	Alcor 86255???		\$373		https://www.aircraftspruce.com/catalog/inpages/alcor_probes.php?clickkey=8720
Oil Temp	VDO 323 055D		\$20	From Sonex	https://www.sonexaircraft.com/eshop/cart.php?target=product&product_id=16554&substring=oil+temp
Oil Pressure	P4055-5025-6		\$85		https://www.steinair.com/product/sensor-oil-fluid-pressure/
Fuel Level	Sonex / Princeton		\$146	Power from avi. Bus	https://www.sonexaircraft.com/eshop/cart.php?target=product&product_id=16562
Fuel Flow	FT-90		\$200	From Sonex	https://www.sonexaircraft.com/eshop/cart.php?target=product&product_id=16572
Manifold Pressure	P4055-30A-E4A		\$85		https://www.steinair.com/product/g3x-manifold-pressure-sensor/
Turbo Temp???					
Ammeter Shunt	UMA 1CU4	Firewall	\$34		https://www.steinair.com/product/g3x-shunt-100-amps/
RPM					
Voltage					
<u>Turbo Cooler Stuff:</u>					
Turbo Cooler Water Pump	G9020-47031		\$49		https://www.amazon.com/gp/product/B01NCIP14M/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1
Turbo Cooler Fan	Spal 30103009		\$60		https://www.amazon.com/Spal-30103009-Paddle-Blade-Pusher/dp/B009OBP150/ref=sr_1_1?dchild=1&keywords=Spal+30103009&qid=1586231782&sr=8-1
Turbo Cooler Thermostat	AV-1042-1-180-18		\$20		https://www.americanvolt.com/products/180f-electric-fan-thermostat-switch-1-8-npt-brass-sensor-probe-chevy-350-383
<u>Power Distribution:</u>					
Main Bus	B&C FH-12		\$21		https://bandc.com/product/fuse-holder-6-20-slot/?attribute_configuration=6+Slot
Power Stabilizer	IPS-12v-4a				https://www.tcwtech.com/IPS-12v.htm
Power Stabilized Bus	B&C FH-8		\$16		
Comm Bus	B&C FH-6		\$13		
Utility Bus	B&C FH-6		\$13		
ATC Style Fuses	B&C S889 x a bunch		\$1.25	per 5-pack	https://bandc.com/product/atc-type-fuses/
Alternator Field Circuit Breaker	5A		\$20		https://bandc.com/product/circuit-breakers-1a-through-25a/
<u>Panel Items / Controls:</u>					
Master Switch	Stein LT-003	Panel	\$72	OFF - BATT - BATT/ALT	https://www.steinair.com/wp-content/uploads/2016/03/LT-003-Typ-use-as-MASTER-sw-Rev.A.pdf
Eng Start Switch	Stein Start Switch	Panel	\$24	Push Button	https://www.steinair.com/product/engine-start-switch/
Keyed Switch (?)	65635K13 ???	Panel	\$27	Use as starter disconnect???	Alternate: https://www.steinair.com/product/starter-switch/
Mags Switch	7337K98	Panel	\$30	Locking	https://www.mcmaster.com/65635k13
Coils Switch	B&C S700-1-2	Panel	\$5		https://www.mcmaster.com/7337k98
Comm Bus Switch	B&C S700-1-2	Panel	\$5		https://bandc.com/product/toggle-switch-single-pole/
Utility Bus Switch	B&C S700-1-2	Panel	\$5		https://bandc.com/product/toggle-switch-single-pole/
Flap Switch	B&C S700-1-4	Panel	\$8		https://bandc.com/product/toggle-switch-single-pole/
Exterior Light Switches x3	B&C S700-1-2	Panel	\$5		https://bandc.com/product/toggle-switch-single-pole/
Interior Lights Dimmer Switch	?	Panel	\$41		https://www.steinair.com/product/led-light-dimmer/
Alt Warning Light	incl. in Crowbar kit	Panel	\$0	Replace with discrete Garmin input?	
Low Voltage Warning Light	included in IPS kit	Panel	\$0		
Turbo Cooler Switch	B&C S700-1-1	Panel	\$5		
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	\$587	
Display	GDU 450	Panel	\$2,906	
ADAHS	GSU 25C	Back of GDU???	\$1,446	
Magnetometer	GMU 11	Aft Fuselage???	\$0	Included with GSU
OAT Probe	GTP 59	Side of fwd fuselage	\$0	Included with GSU
Configuration Module			\$0	Included with GSU
Radio	GTR 20	Behind seat	\$980	
WAAS GPS Source	GPS 20A	Behind seat	\$824	
Transponder	GTX 45R	Behind seat	\$3,363	
Autopilot Servos	GSA 28 x2	Under Seat	\$1,470	
Pitot/AOA	GAP 26	Right Wing	\$105	
ELT	ACK E-04	Aft Fuselage	\$545	

<https://www.aircraftspruce.com/catalog/avpages/garmin-gea24.php?clickkey=614741>
<https://www.aircraftspruce.com/catalog/avpages/garmin3xtouch450.php>
https://www.aircraftspruce.com/catalog/inpages/garmin_g3xlru.php?clickkey=491911

https://www.aircraftspruce.com/catalog/avpages/garminG3X-touch_11-12647.php?clickkey=1346194
<https://www.aircraftspruce.com/catalog/avpages/garmin3x-gps20a.php?clickkey=2442288>
<https://www.aircraftspruce.com/catalog/avpages/garminGTX45r.php?clickkey=3359326>
https://www.aircraftspruce.com/catalog/avpages/garminG3X-touch_11-11450.php?clickkey=498236
https://www.aircraftspruce.com/catalog/avpages/garminG3X-touch_11-11448.php?clickkey=494154
<https://www.aircraftspruce.com/catalog/avpages/elt406.php?clickkey=17737>

Other Things on Main Bus:

Flap Motor	Sonex	Cargo Compartment	\$0	
Interior Lights		Under Panel		
Landing Lights x2	Duckworks	Wings		
Nav/Pos Lights	Aveo Powerburst	Wings	\$479	
Strobe Lights	Aveo Powerburst	Wings		

<https://www.aircraftspruce.com/catalog/elpages/aveopowerburst.php>

Other Things on Utility Bus:

iPad Mount Power		Panel		
Seat Heaters	Sonex	Seats		
12v Power Outlet and/or USB Ports		Panel		

<https://www.aircraftspruce.com/catalog/avpages/lfdrmout13-18919.php?clickkey=7300>

Other Avionics Things:

Headset Jacks x2				
VHF Antenna				
Transponder Antennna	CI-105		\$158	
GPS Antenna	GA 35	Turtleneck	\$303	
ELT Antenna				Included with ELT

<https://www.aircraftspruce.com/catalog/avpages/comant105.php?clickkey=5060>
<https://www.aircraftspruce.com/catalog/avpages/garminga35waasant.php?clickkey=11021>

Backup Battery???	EarthX ETX104		\$179	
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<https://earthxbatteries.com/shop/etx104>

Bus Bars:

<https://www.mcmaster.com/bus-bars/harsh-environment-high-current-distribution-bars-7/>
<https://www.waytekwire.com/products/?pSearch=fuse%20block&psType=P&pageSize=36&display=B&sc=1586>
<https://www.waytekwire.com/item/78256/Blue-Sea-Systems-2305-Mini-BusBar/>

Covered Fuse Holders:

<https://www.waytekwire.com/products/?pSearch=fuse%20block&psType=P&pageSize=36&display=B&sc=1495>