

Serves :	Ckt	Running Load Amps	Peak Load Amps	Recommended Fuse	Buss	Total Load	Endurance Load amps	Model #	Manuf.
						25.72	4.25	Amps (alternator is 22a max, 20a @5000 rpm)	
							3.8	Hrs with 16ah batt	
Electric Management and charging									
	Master Relay	0.7			na	0.7		310413 11-03161	Aircraft Spruce
	Charge LED	0.25			na	0.25			
	Aux feed to Essentials	0			na				
	Alternator relay, OV disconnect			5a bkr	Main	0.3		S704-1	B&C Specialty Prod
	Battery 16ah, 220cca				na			PC680	Odyssey
	Crowbar OV Module				na			OVM-14	B&C Specialty Prod
Lighting									
	Nav/Pos/	0.3	0.3		Main	0.3		AveoFlashLP AVE-WPST	Aurora
	Strobe	0.5	2.2			0.5			
	Instrument Lights, dimmer				Main	1.5			
	Panel, cockpit flood				Batt			ACI LED	
	Landing LEDs	5			Main	5		Aero LEDs Microsun (for consideration)	
Engine Support									
	Ign Switch	none		NA	Main			A-510-2	ACS Products
	Ign wire Rt and Left (Shielded)								
	TCU		1.8a	2A	Endur	1.8	1.8		
	TCU led's				na				
	TCU defeat switch				na				
	Hour Meter? On pres.sw				Batt				
	Starter Relay		0.7		Main				
	Fuel Sensor				off SV				
	Fuel Pump Main	1.7a	3a	5a	Batt	1.7	1.7		
	Fuel Pump Aux.	1.5a	3a	5a	Main				
	Ignition cut off				na				
Avionics									
	Grip PTT			NA	na			G205 or G207	Ray Allen Co.
	Headset Jacks				na				
	Intercom	.2a	.2a	1a	Endur	0.15	0.15	PM3000-11931A	PS Engineering
	Gear Alert			1a	Main	0.6			
	Comm			5a max	Endur				
	SkyView Main screen	3.5a	5a	5a	Endur	3.5			Dynon
	GPS	off SV			na				
	ADHARS	off SV			na				Dynon
	Skyview LED	off SV			na				
	Transponder	.4a		3 or 5a	Endur	0.4	0.4		Dynon
	Opt xponder remote switch	NA			na				
	ADSB-in mod	.2a		1 or 3a	Endur	0.2	0.2	SV-ADSB-470	Dynon
	SkyView 2nd screen (no backup Batt)		3.5a	5a	Main	3			Dynon
	ELT	.000026a	2a		Main			E-04	ACK
	ELT control								
Flight Controls									
	Flap Controller & Actuator			5a max	Main			2071 Spec IP-2071 Rev 2	ACI
	Flaps Actuator	5.6a max		6a	Main			S12-17A08-04	Thomson Linear
	Flap Position Indicator			0.5a	Main	0.5		RP3 Ind. & POS sensor	Ray Allen Co
	Landing Gear Actuators		21a	10a ea bk	Main			K2G20-12v-BR-04	Warnier Linear
	Gear Position LEDs				Main	0.5			
	4 landing gear relays (loose)				na			AR4-45F11	MEC
	Trim Actuator	5.6a max		6a	Endur			S12-17A08-04	Thomson Linear
	trim indicator			0.5a	Main	0.3			
	Grip Trim control								
	Auto Pilot Servos	1.11ea	2.03ea		Main	2.22			Dynon
	Grip AP control	none		NA				G205 or G207	Ray Allen Co.
Ancillary items									
	Heater	1.6		3a	Main	1.6			2 spd, three wire,
	Cabin Light				Batt	0.7		2073	ACI Aircraft Components Inc.
	Bilge Pump			5a	Main			SuperSub 500	Whale
	Aux. Outlet (cig lighter)			10a	Batt				
						25.72	4.25	Total	