Fuse Blocks & Circuit Breakers

8 awg to Main Alternator

Fuse Block 1

Destination	Wire Size	Wire Label	Fuse Size	Fuse #		Fuse Size	Wire Label	Wire Size	Destination
Navworx ADSB (1 of 2)		ADSB	3a	1	2	3a		20awg	Safety Trim
ACS A510-2 ignition switch	18awg (wht)	B1-3	15a	3	4	2a	none	22awg	MAP sensor
Pitot Heat	14awg	F1-5	10a	5	6	10a	F1-6	16awg	SW05 - Strobe (control circuit)
SW06 - LED Nav Lt		F1-7	5a	7	8	15a	F1-8	18awg	SW06 - Tail Nav
SW07 - HID Ldg Lt		F1-9	15a	9	10	2a	F1-10	(2) 22awg	LR3C 1 term 3 & Low Volt Lt 1
SW04 - Fuel Boost	14awg	F1-11	5a	11	12	5a	F1-12	20awg	Transponder
GRT EIS	20awg	F1-13	5a	13	14	2a	F1-14		TruTrak ADI
SL30 Nav	20awg	F1-15	3a	15	16	5a	F1-16	20awg	SL30 Comm
Stall & Door Warn & CO2 Guard	(3) 20awg		5a	17	18	5a	F1-18		Fuel Flow Sense
ACK ELT	22awg	ELT	1a	19	20	3a	ADSB		Navworx ADSB (2 of 2)

Fusible link = 5" of 20 awg typical

8 awg to Aux Alternator

Fuse Block 2

Destination	Wire Size	Wire Label	Fuse Size	Fuse #		Fuse Size	Wire Label	Wire Size	Destination
Dimmers	18awg	F1-19	10a	1	2	2a		(2) 22awg	LR3C 2 term 3 & Low Volt Lt 2
GRT MFD1	20awg	F2-3	5a	3	4	5a	F2-4	20awg	GRT MFD2
GRT MFD3	20awg	F2-5	5a	5	6	2a	F2-6		AHRS 1&2
IPS-12v-8a	16awg	F2-7	20a	7	8	10a	F2-8	18awg	GNS430 Comm
PMA 9000	22awg	F2-9	5a	9	10	2a		(2) 22awg	Fan & Ethernet Hub
GRT Pull-up	22awg	pull-up	2a	11	12	3a		22awg	GRT external GPS module
Bose Headset	(2) 22awg		3a	13	14				(unused)
(unused)				15	16				(unused)

Pullable Breakers

Destination	Wire Size	Wire Label			Wire Label	Wire Size	Destination
Fuse Block 1 Fusible Link 3	16awg	B1-3		Breaker 1 - AP 7.5 amp	AP01	20awg	Autopilot Controller
					AP02	20awg	AP Pitch
					AP03	20awg	AP Roll
Fuse Block 1 Fusible Link 1	16awg	B1-1		Breaker 2 Flaps 5 amp	SW09-FL		SW09 - Flaps
Fuse Block 1 Fuse 2	16awg	B1-2		Breaker 3 5 amp	SW01-M1		SW01 - Master 1
Fuse Block 2 Fuse 1	16awg	B2-1		Breaker 4 5 amp	SW02-M2		SW02 - Master 2

16 awg to Fuse Block 2

IPS-12v-8a Fuse Block

Destination	Wire Size	Wire Label	Fuse Size	Fuse #		Fuse Size	Wire Label	Wire Size	Destination
EFIS 1 pin 15 & 16	18awg	(white)	5a	1	2				(unused)
EFIS 2 pin 14 & 15	18awg	(white)	5a	3	4	5a	F2-7	22awg	GNS430 GPS & Nav
EFIS 3 pin 14 & 15	18awg	(white)	5a	5	6				(unused)

18 awg to Battery 2 (right side Battery)

Battery 2 Fuse Block (tailcone)

Destination	Wire Size	Wire Label	Fuse Size	Fuse #		Fuse Size	Wire Label	Wire Size	Destination
Cig Lighter Aux Power	18awg		10a	1	2				(unused)
Batt 2 charging plug	18awg		15a	3	4				(unused)
Hobbs Meter	20awg	X101	3a	5	6				(unused)

4.0 Swapped ADSB from Bus 2 to Bus 1
Swapped AP from Bus 2 to Bus 1
Added Intelligent Power Stabilizer IPS-12v-8a for G430 and (3) GRT EFIS
4.1 Removed GRT Clock power from Batt 2 Fuse Block