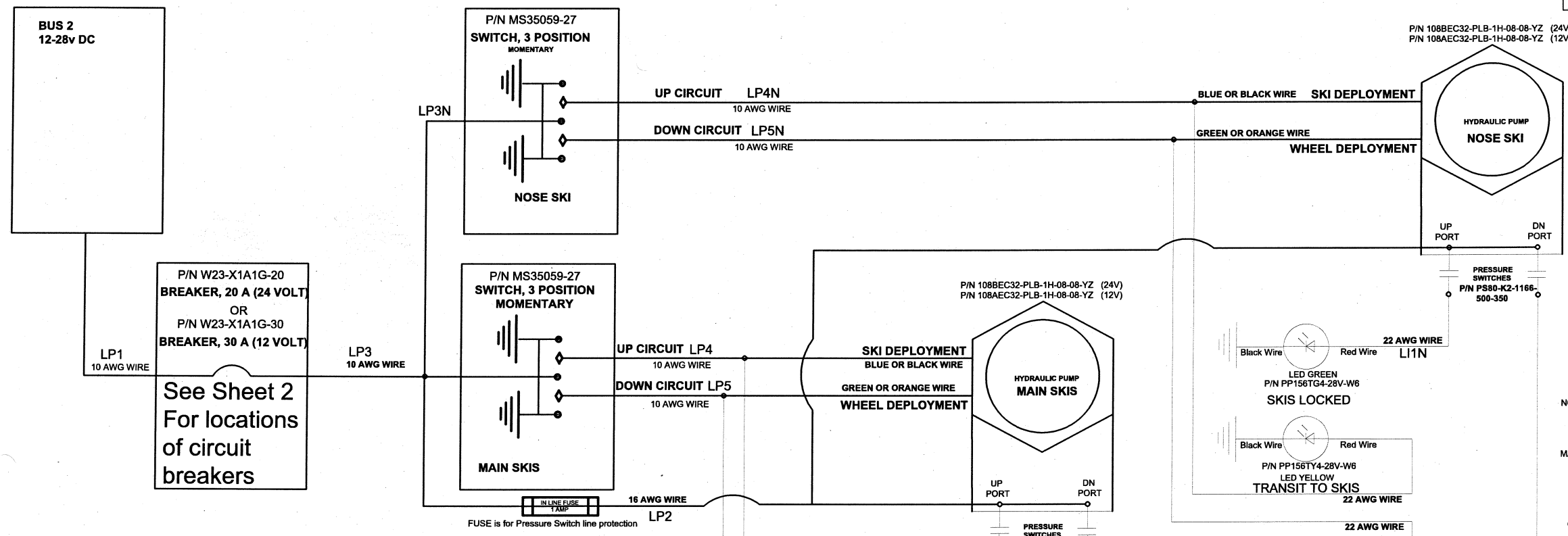
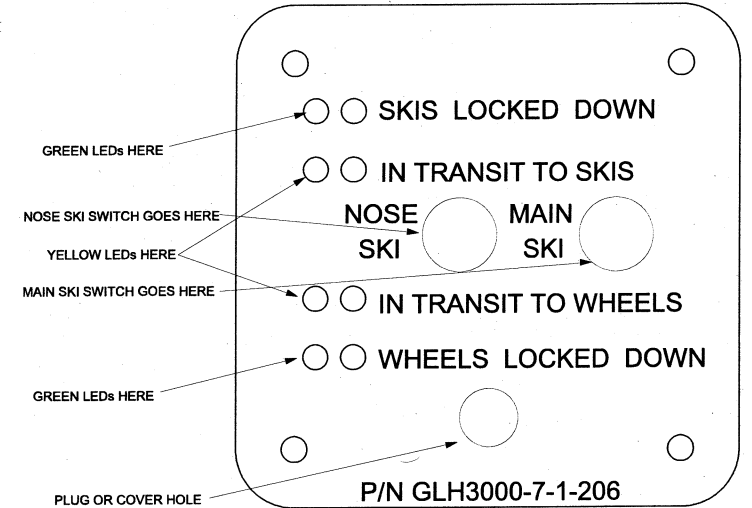


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED BY
A	ADDED CLARIFICATION ON LOCATIONS	18-Feb-19	JDH

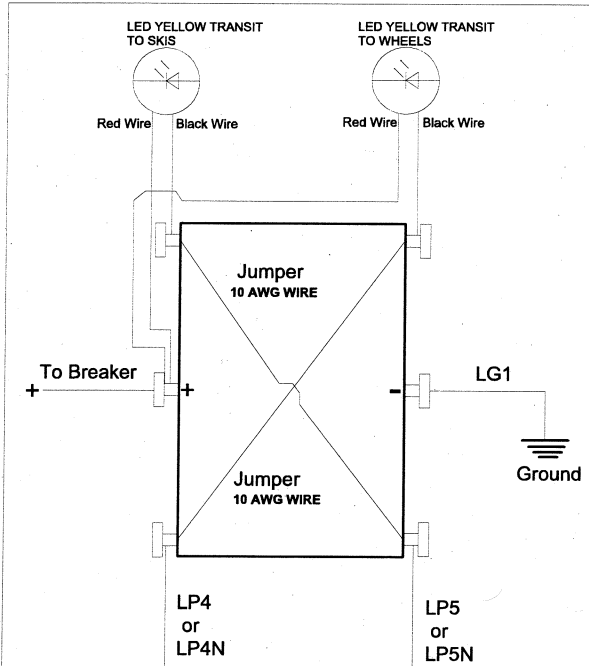


See Sheet 2
For locations
of circuit
breakers



Notes:

- This is an alternative method for connecting the Transit Lights that utilizes the terminals on the switch for convenience. Either option depicted in this drawing will produce the same operating results.
- Install electrical system in accordance with AC43.13-1B chapter 11 section 8.
- Disarm aircraft alternator capacitor circuit prior to performing installation or subsequent maintenance.
- S1636-1 and S1636-2 sockets used on pressure switch and LED leads when connecting with Cessna housings.
- AMP 51863 terminals used on LED leads at switch.
- AMP 35762 knife splices used on pump leads. Cover with heat shrink or equivalent.



JUMPER DIAGRAM FOR OPERATION SWITCH AND TRANSIT LIGHTS VIEW FROM BACK OF SWITCH

NO NUMBER	WIRE GAGE	DESCRIPTION	TERMINALS (AMP OR EQUIVALENT)
M22759/16-10		JUMPER	35149 & 35149
M22759/16-22		PRESSURE SWITCH TO INDICATOR	S1635-1 & S1635-1
M22759/16-22		PRESSURE SWITCH TO INDICATOR	S1635-1 & S1635-1
M22759/16-10		C/B TO NOSE SKI SELECTOR	35149 & 35149
M22759/16-10		SELECTOR TO NOSE SKI PUMP	35149 & 35762
M22759/16-10		SELECTOR TO NOSE SKI PUMP	35149 & 35762
M22759/16-10		GROUND	35149 & 35149
M22759/16-22		PRESSURE SWITCH TO INDICATOR	S1635-1 & S1635-1
M22759/16-22		PRESSURE SWITCH TO INDICATOR	S1635-1 & S1635-1
M22759/16-10		SELECTOR TO MAIN SKIS PUMP	35149 & 35762
M22759/16-10		SELECTOR TO MAIN SKIS PUMP	35149 & 35762
M22759/16-10		C/B TO MAIN SKIS SELECTOR	35149 & 35149
M22759/16-16		BUSS TO PRESSURE SWITCHES	S1635-2 & S1635-2
M22759/16-10		BUSS TO C/B	35149 & 35149

NO	QTY	CODE-IDENT-NO	PART NO.	DESCRIPTION	NOTES
11	2		S1640-6	HOUSING-6 PIN	CESSNA OR EQUIVALENT
10	2		S1641-6	HOUSING-6 SOCKET	CESSNA OR EQUIVALENT
9	A/R		M22759/16-22	22 GA. WIRE	
8	A/R		M22759/16-16	16 GA. WIRE	
7	A/R		M22759/16-10	12 GA. WIRE	
6	1		FH65B	1 AMP INLINE FUSE AND HOLDER	OR EQUIVILANT
5A	4	17564	PP156TG4-28V-W6	GREEN LED	
4A	4	17564	PP156TY4-28V-W6	YELLOW LED	
5	4	17564	PS80-K2-1166-500-350	PRESSURE SWITCH	
4	2		MS35059-27	SWITCH 3 POSITION	
3	1		W23-X1A1G-30	CIRCUIT BREAKER, 30 AMPS	12 VOLT
3	1		W23-X1A1G-20	CIRCUIT BREAKER, 20 AMPS	24 VOLT
2	2	17564	644511 (647428 ALT)	PUMP	12 VOLT PARKER P/N108AEC32-PLB-1H-08-08-YZ
2	2	17564	644682 (647429 ALT)	PUMP	24 VOLT PARKER P/N 108BEC32-PLB-1H-08-08-YZ
1	1	17564	GLH3000-7-1-206	CONTROL PANEL	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:

.X +.1 .XX +.1 .XXX +.1

HEAT TREAT MATERIAL GOV. SPEC. STEEL MIL - H - 6875 ALUM. MIL - H - 6025 MAG. CAST MIL - H - 6859

CONTRACT NO. _____ SPEC. CONTROL NO. _____

Checked by: JDH Approved by: JDH

Drawn by: CDB

Date: 1/9/15

Scale: No Scale Sheet 1 OF 2

Airglas, Inc. Anchorage, Alaska

Electrical Schematic

Size Code Ident.No. B 17564 GLH3000-GA8-7 REV A

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