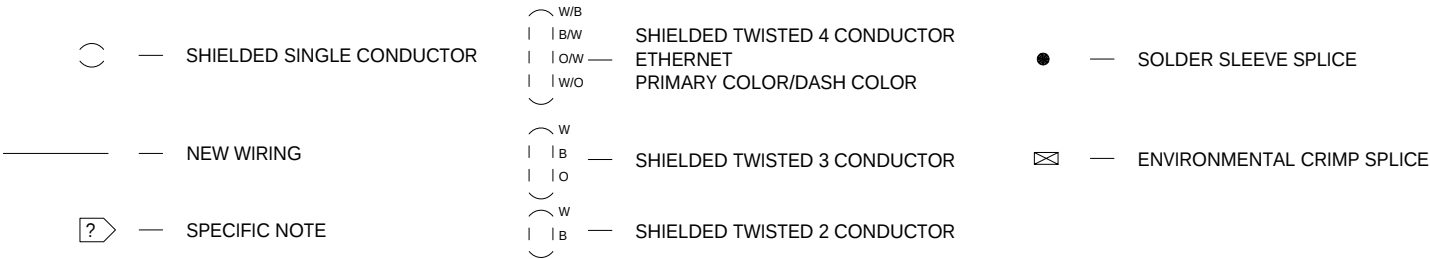


NOTES

1. UNLESS OTHERWISE SPECIFIED, REFER TO SAE AS50881 REV. B, WIRING AEROSPACE VEHICLE.
2. UNLESS OTHERWISE SPECIFIED, ALL STRANDED WIRE IS 22 AWG MINIMUM AND SHALL MEET OR EXCEED M22759/16 SPECIFICATION OR M81044/12 SPECIFICATION. UNLESS OTHERWISE SPECIFIED, ALL SHIELDED WIRE IS 24 AWG MINIMUM AND SHALL MEET OR EXCEED M27500 SPECIFICATION. THE FOLLOWING SYMBOLS ARE USED IN THIS DRAWING:



NOTES (CONT'D.)

19 THE FOLLOWING PARTS ARE CONSIDERED INTERCHANGABLE AS SPECIFIED BELOW:

P/N: 320-00587-07 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-09
P/N: 320-00587-08 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-10
P/N: 320-00587-09 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-11
P/N: 320-00587-10 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-12
P/N: 320-00587-11 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-13
P/N: 320-00587-12 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-14
P/N: 320-00587-13 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-15
P/N: 320-00587-14 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-16
P/N: 320-00587-15 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-17
P/N: 320-00587-16 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-18
P/N: 320-00587-17 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-19
P/N: 320-00587-18 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-20
P/N: 320-00587-00 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-04
P/N: 320-00587-01 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-01
P/N: 320-00587-02 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-02
P/N: 320-00587-03 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-03
P/N: 320-00587-04 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-05
P/N: 320-00587-05 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-06
P/N: 320-00587-06 IS AN ACCEPTABLE ALTERNATIVE TO P/N: 320-00609-07

20 IF MIL-SPEC PART NUMBER MS3320-5 CIRCUIT BREAKER IS UTILIZED, USE ITEM 26.
IF PART NUMBER 7277-2-5 CIRCUIT BREAKER IS UTILIZED, USE ITEM 37.

20	AR		MS25036-107	TERMINAL LUG	BEST SOURCE	37
	AR		MS25036-102	TERMINAL LUG	BEST SOURCE	36
	AR		MS25036-153	TERMINAL LUG	BEST SOURCE	35
	AR		NAS1149FN832P	WASHER, FLAT	BEST SOURCE	34
	AR		MS35338-42	WASHER, SPLIT	BEST SOURCE	33
	AR		MS35206-242	SCREW	BEST SOURCE	32
	AR		MS35206-229	SCREW, #6	BEST SOURCE	31
	AR		SWTF12X or HT1/4T	SPIRAL WRAP	HAWKER BEECHCRAFT	30
	2		TM2S6	TIE DOWN	HAWKER BEECHCRAFT	29
	1		MS3320-5 or 7277-2-5	CIRCUIT BREAKER, 5 AMP	BEST SOURCE	28
12	AR		M22759/16-16-9 or 131681AA16-9	16 GA STRANDED	BEST SOURCE or HAWKER BEECHCRAFT	27
	1		MS25036-108	TERMINAL LUG	BEST SOURCE	26
	1		350550-1	CONTACT	HAWKER BEECHCRAFT	25
	1	P191	770421-1	CONNECTOR	HAWKER BEECHCRAFT	24
	8		336-00021-00	CONTACT	GARMIN	23
	AR		M39029/5-115	CONTACT	BEST SOURCE	22
	1	P651	330-00437-01	CONNECTOR	GARMIN	21
	AR		MS21044N06	NUT, #6	BEST SOURCE	20
	AR		NAS1149FN632P	WASHER	BEST SOURCE	19
	AR		MS35206-231	SCREW, #6	BEST SOURCE	18
11	AR		MS3340-1-9	STANDOFF	BEST SOURCE	17
	AR		MS3367-1-9	ZIPTIE	BEST SOURCE	16
	AR	GROMMET	M22529/2-4R-25	GROMMET	BEST SOURCE	15
	AR		MIL-T-43435B	TAPE, LACING/TYING, NYLON	BEST SOURCE	14
	AR		AA59163-11I0020 or S2672	TAPE, SILICONE FUSION	BEST SOURCE or HAWKER BEECHCRAFT	13
	AR	SHIELDS	AA59569F36T0062 or S03-0X-R-9035-100	FLAT BRAID, 1/16 INCH	BEST SOURCE or HAWKER BEECHCRAFT	12
	AR		MS25036-149 or 115110-D8	RING TERMINAL, #8 18-22 AWG	BEST SOURCE or HAWKER BEECHCRAFT	11
	2		M81824/1-X or D-436-009X	SPLICE, ENVIRONMENTAL	BEST SOURCE or HAWKER BEECHCRAFT	10
	AR		M23053/5-10X-Y or RNF-100-3/8	HEATSHRINK	BEST SOURCE or HAWKER BEECHCRAFT	9
	AR		AS83519/1-X or M83519/1-X	SOLDER SLEEVE	BEST SOURCE	8
8	1		320-00609-07	GTS TO BOTTOM ANTENNA COAX ASSYS.	FIELD FABRICATED	7
8	1		320-00609-06	PA TO TOP ANTENNA COAX ASSYS.	FIELD FABRICATED	6
8	1		320-00609-05	GTS TO PA COAX ASSYS.	FIELD FABRICATED	5
19	1		320-00609-03	WIRE HARNESS, GTS 820 (CABIN)	FIELD FABRICATED	4
19	1		320-00609-02	WIRE HARNESS, GTS 820 (GPA 65)	FIELD FABRICATED	3
19	1		320-00609-01	WIRE HARNESS, GTS 820	FIELD FABRICATED	2
19	1		320-00609-04	WIRE HARNESS, GTS 820 (LOOSE WIRES)	FIELD FABRICATED	1
	QTY	DESIGNATOR	PART NUMBER	DESCRIPTION	VENDOR	ITEM

GTS 820 OPTION BILL OF MATERIALS (B.O.M.)

B.O.M.

GARMIN.

Garmin Ltd. or its subsidiaries
c/o Garmin International, Inc.
1200 E. 151st Street
Olathe, Kansas 66062 U.S.A.

SIZE
B

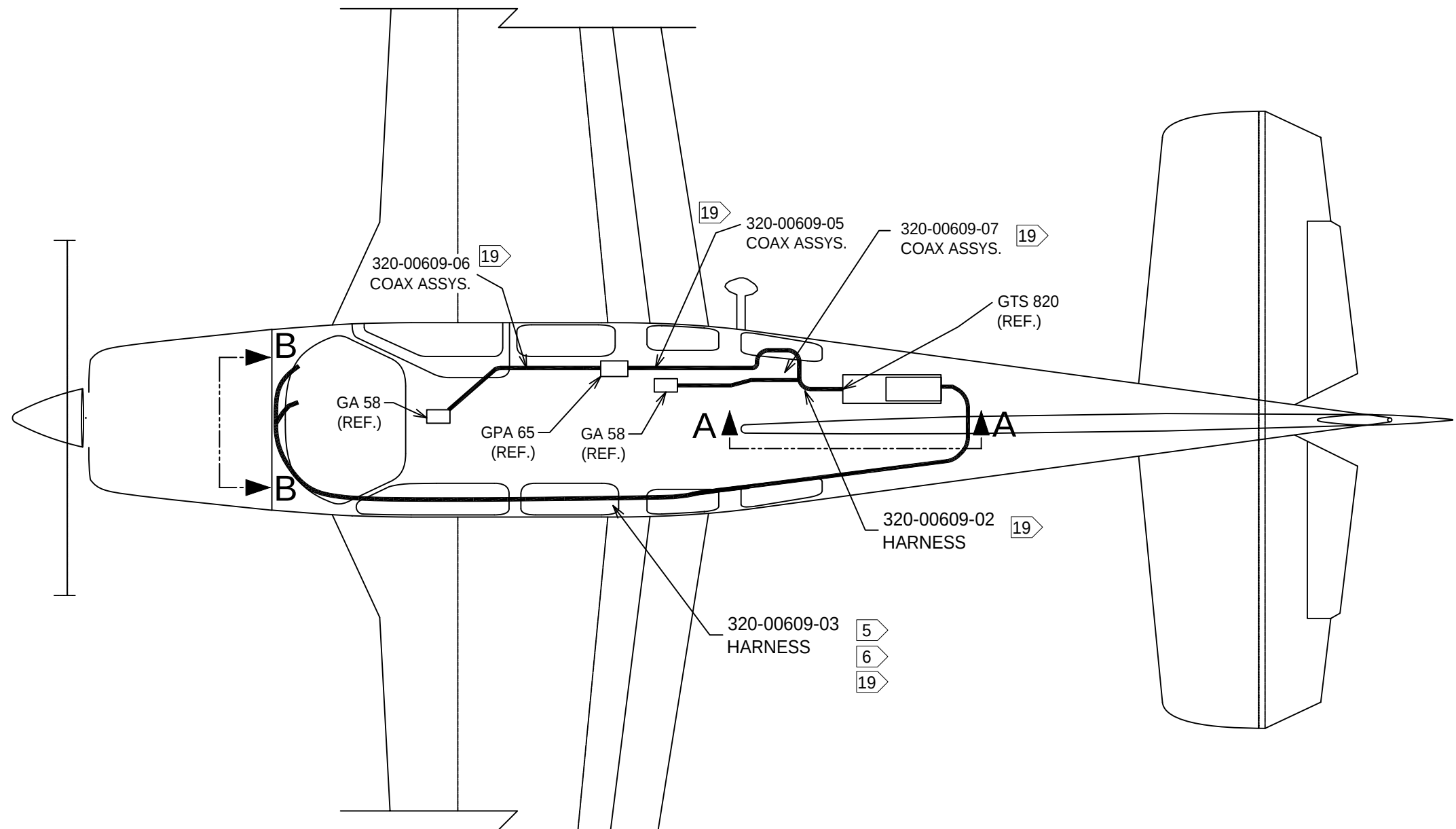
DWG. NO.
005-00620-09

REV.
3

SCALE
NTS

SHT.
2

OF
11

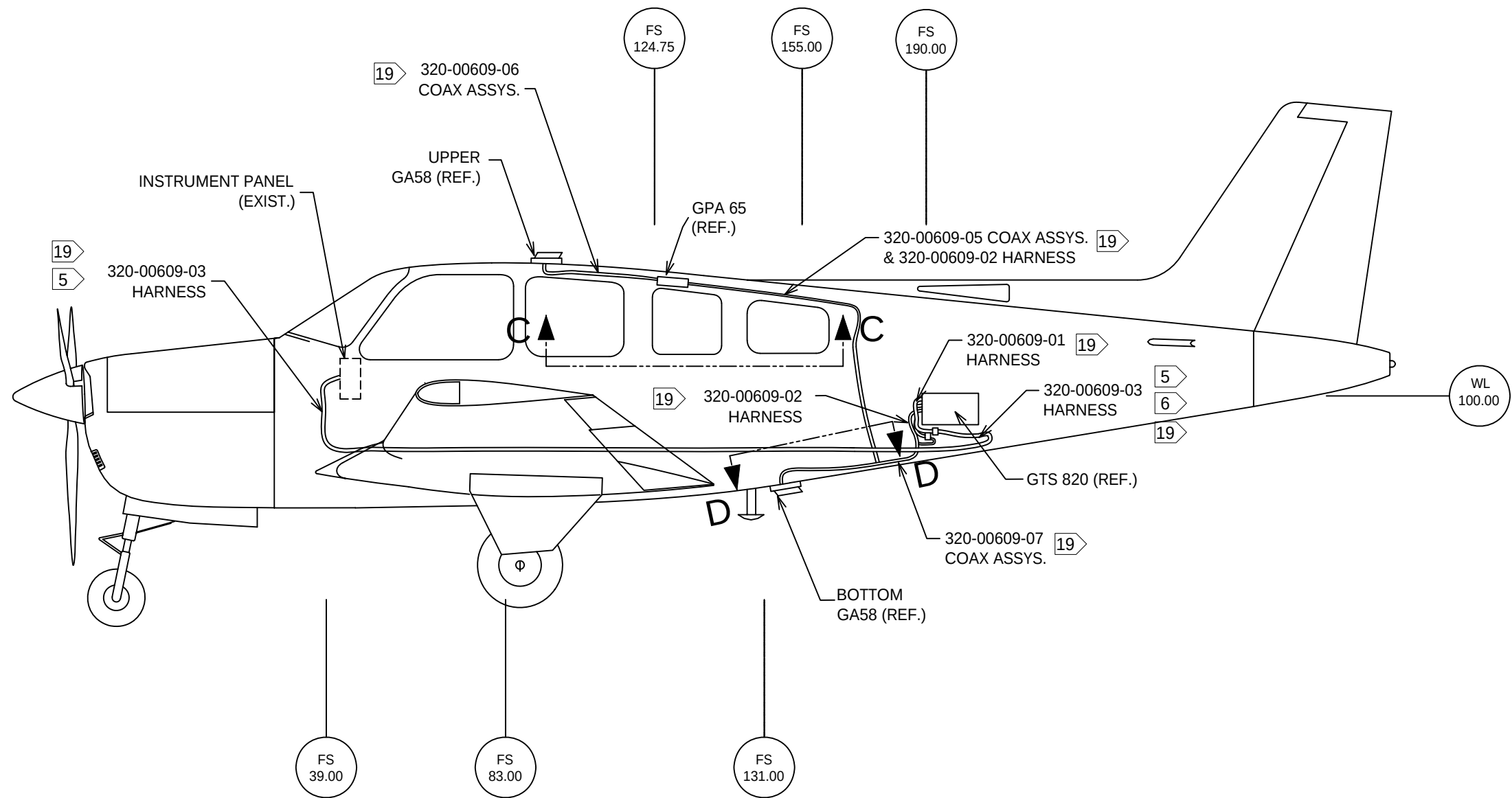


WIRE ROUTING

WIRE ROUTING OVERVIEW (VIEW LOOKING DOWN)

GARMIN. Garmin Ltd. or its subsidiaries
c/o Garmin International, Inc.
1200 E. 151st Street
Olathe, Kansas 66062 U.S.A.

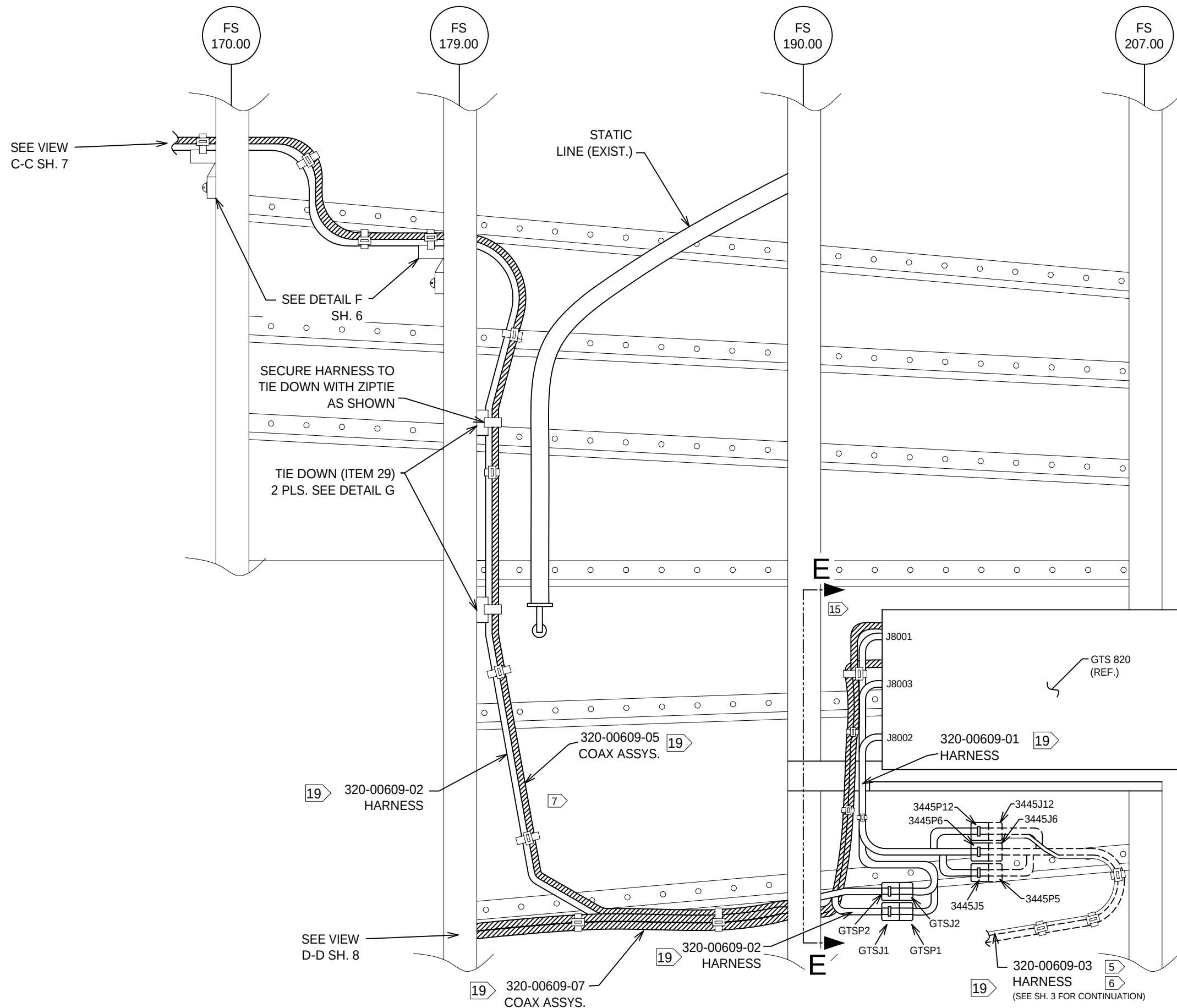
SIZE B	DWG. NO. 005-00620-09	REV. 3
SCALE NTS	SHT. 3	OF 11



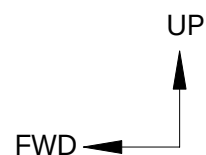
WIRE ROUTING

WIRE ROUTING OVERVIEW (VIEW LOOKING RIGHT)

GARMIN. Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.		
SIZE B	DWG. NO. 005-00620-09	REV. 3
SCALE NTS	SHT. 4	OF 11

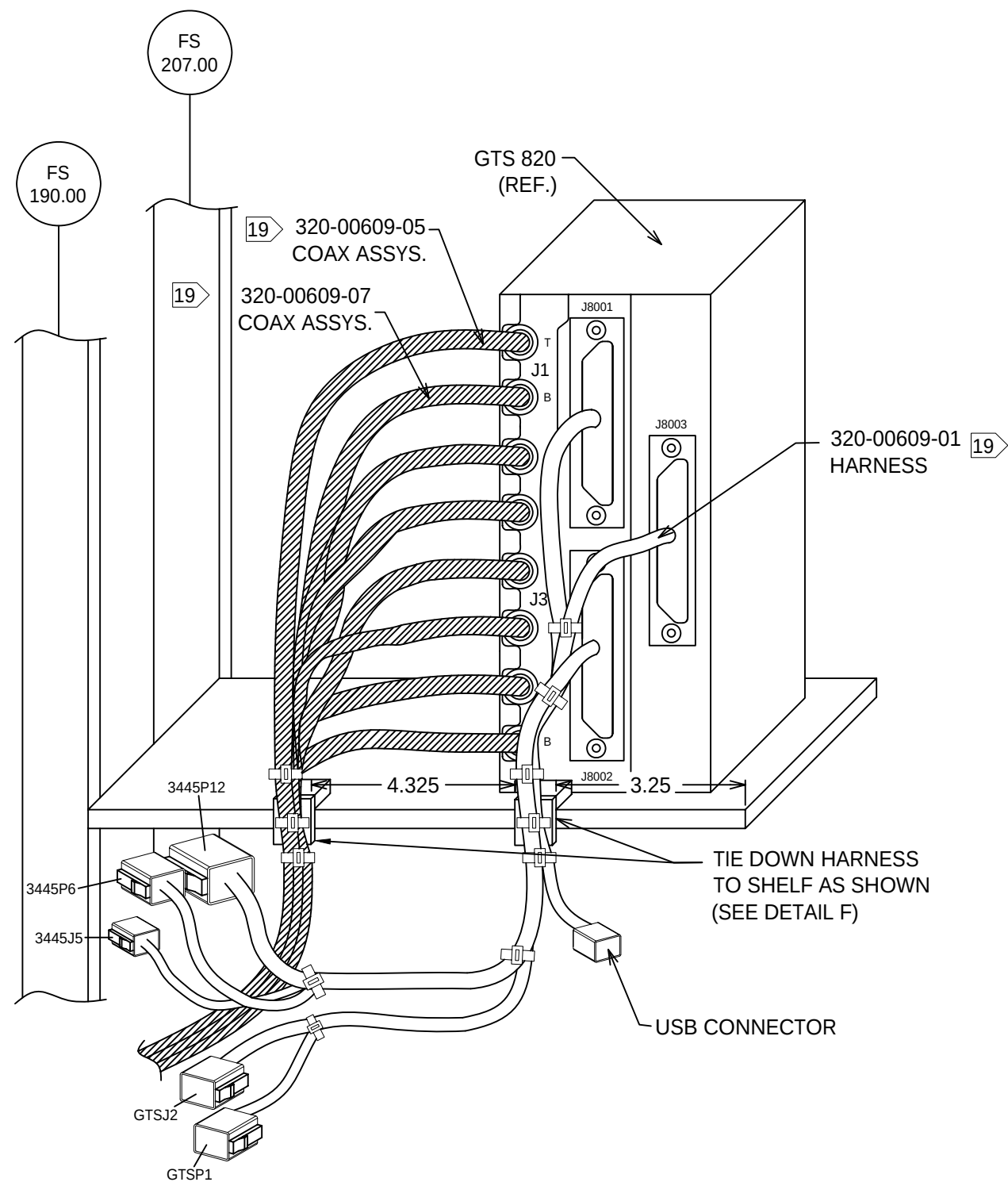


VIEW A-A
VIEW LOOKING RIGHT



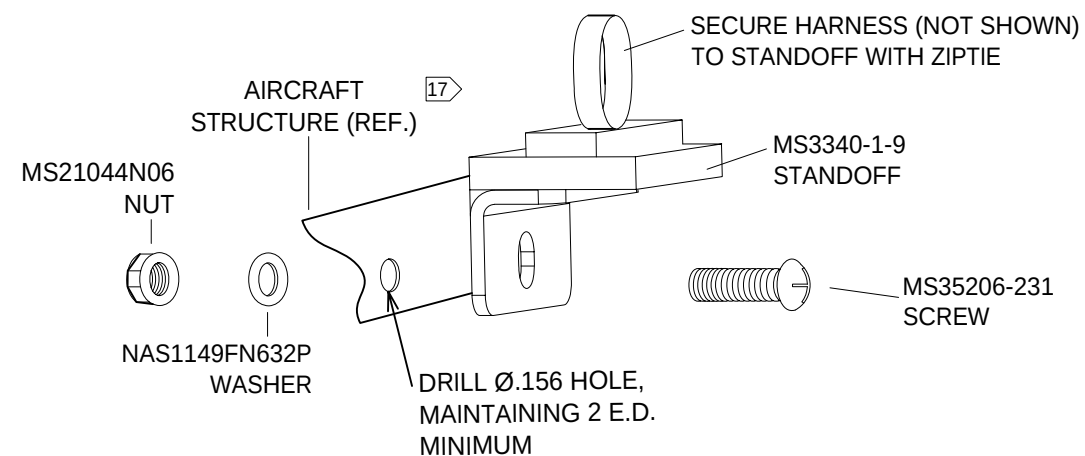
VIEW A-A - AFT CABIN LOOKING RIGHT

GARMIN. Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.			
SIZE B	DWG. NO. 005-00620-09	REV. 3	
SCALE NTS		SHT. 5	OF 11



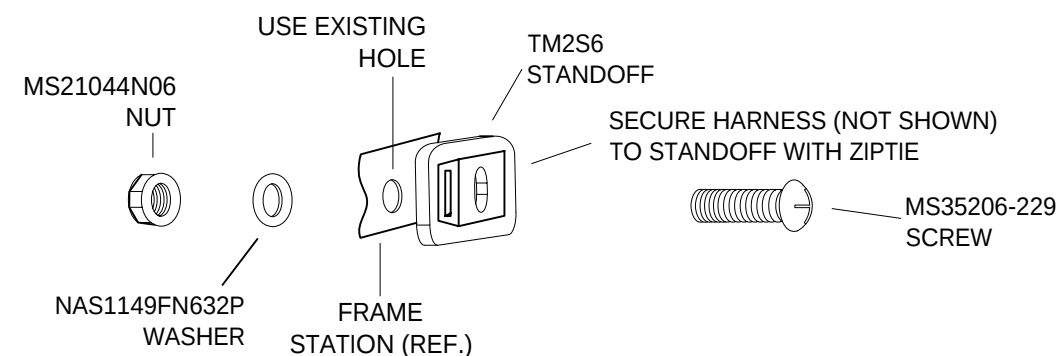
VIEW E-E 15

320-00609-01 HARNESS
& COAX ASSEMBLIES CONNECTIONS
AT GTS 820
(VIEW LOOKING AFT)



DETAIL F

STANDOFF DETAILS
(WIRE HARNESSES NOT SHOWN FOR CLARITY)

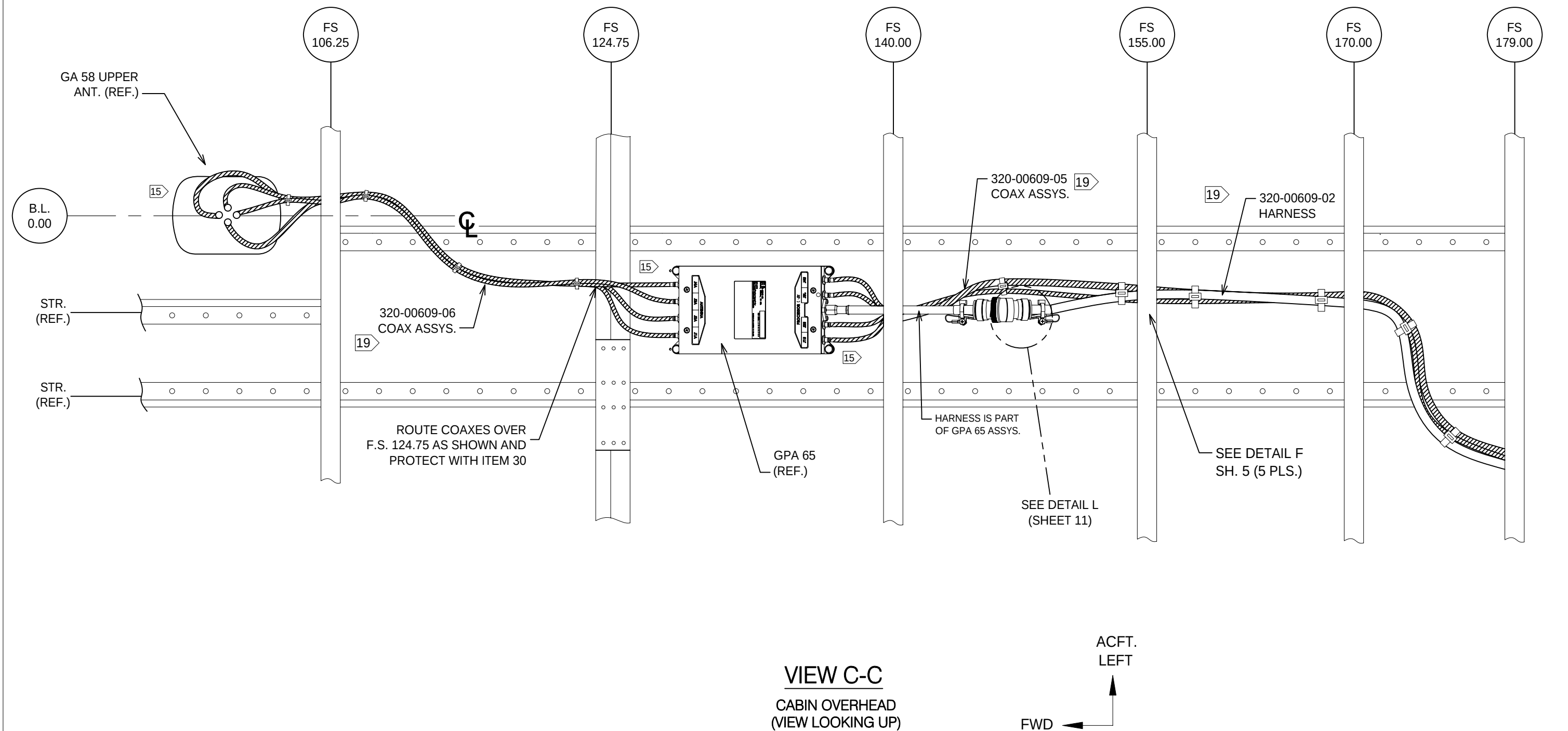


DETAIL G

HARNESS TIE DOWN DETAIL
(WIRE HARNESSES NOT SHOWN FOR CLARITY)

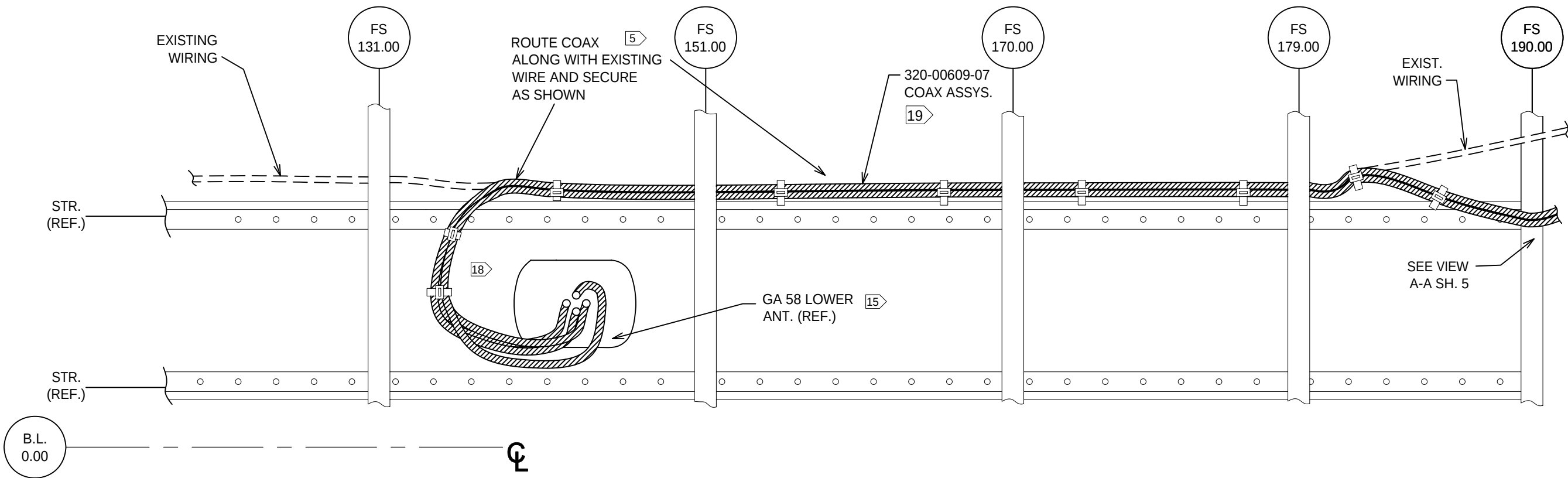
VIEW E-E - 320-00609-01 HARNESS
DETAIL F - FRAME STATION FEEDTHRU & DETAIL G - HARNESS TIE DOWN DETAIL

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SIZE B	DWG. NO. 005-00620-09	REV. 3	
SCALE NTS	SHT. 6	OF 11	

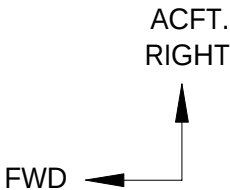


VIEW C-C- CABIN OVERHEAD

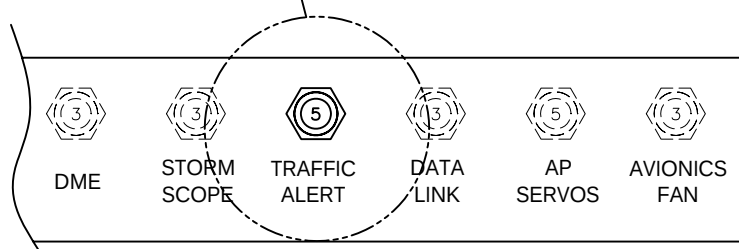
GARMIN. Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.			
SIZE B	DWG. NO. 005-00620-09	REV. 3	
SCALE NTS	SHT. 7	OF 11	



VIEW D-D
CABIN UNDER FLOOR
(VIEW LOOKING DOWN)



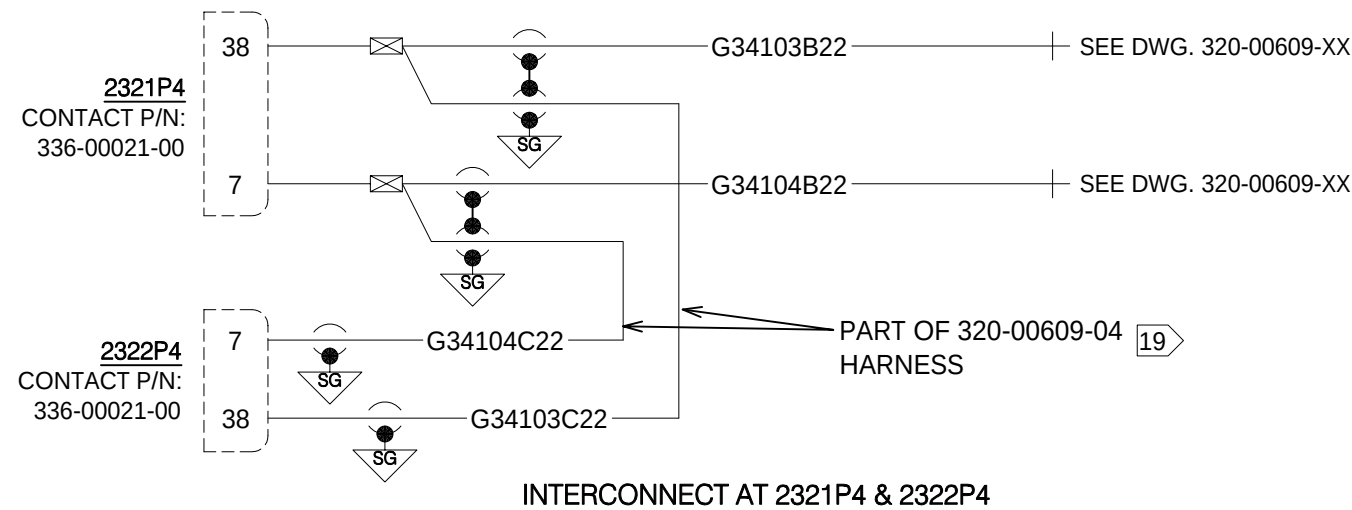
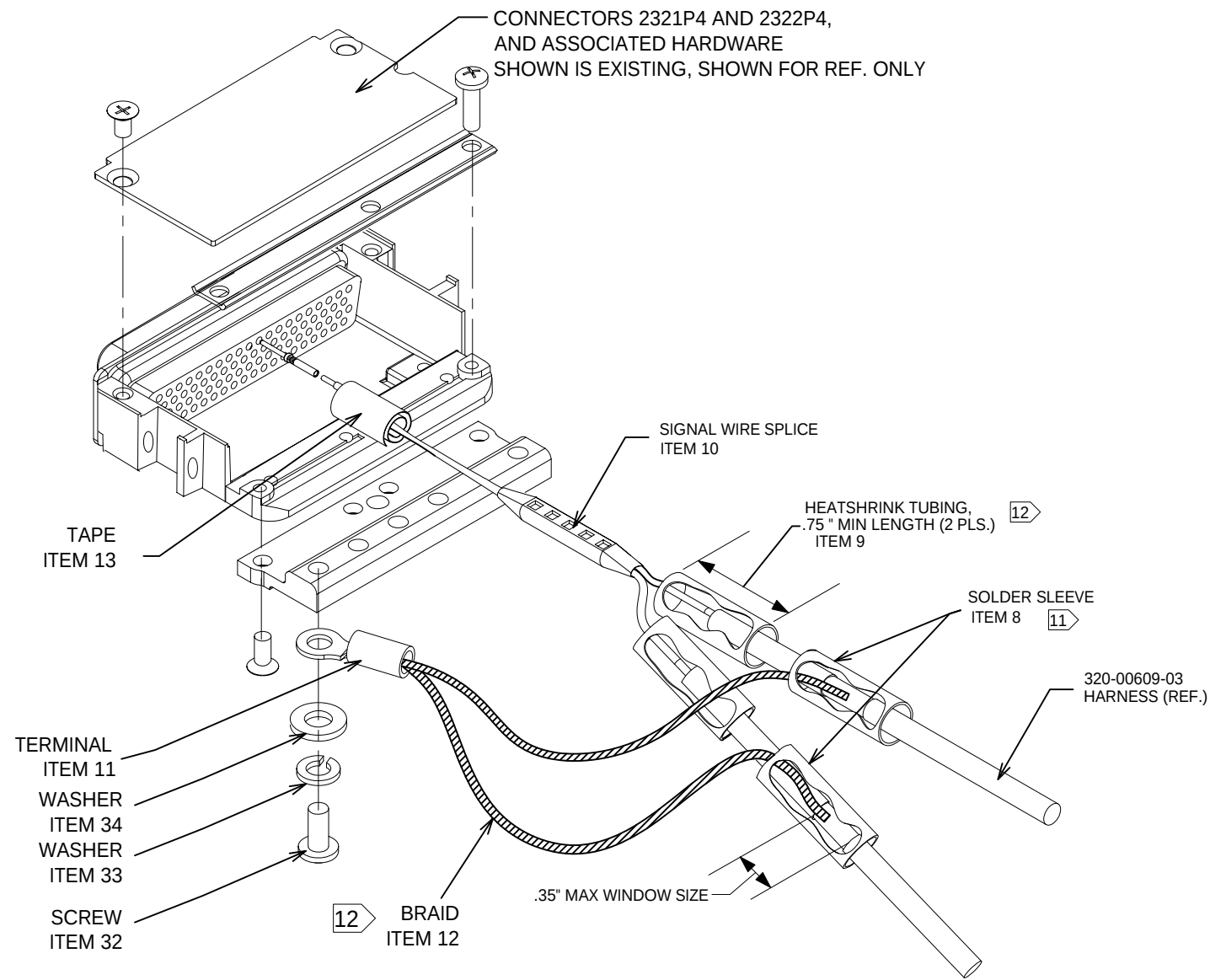
VIEW D-D - COAX ROUTING UNDER FLOOR			
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SIZE B	DWG. NO. 005-00620-09	REV. 3	
SCALE NTS	SHT. 8	OF 11	



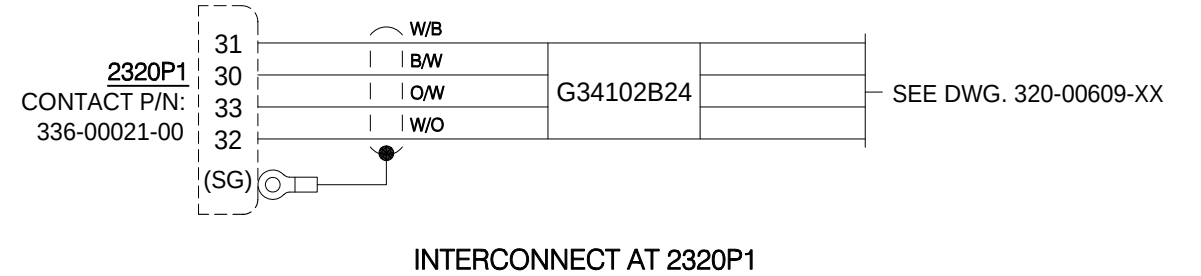
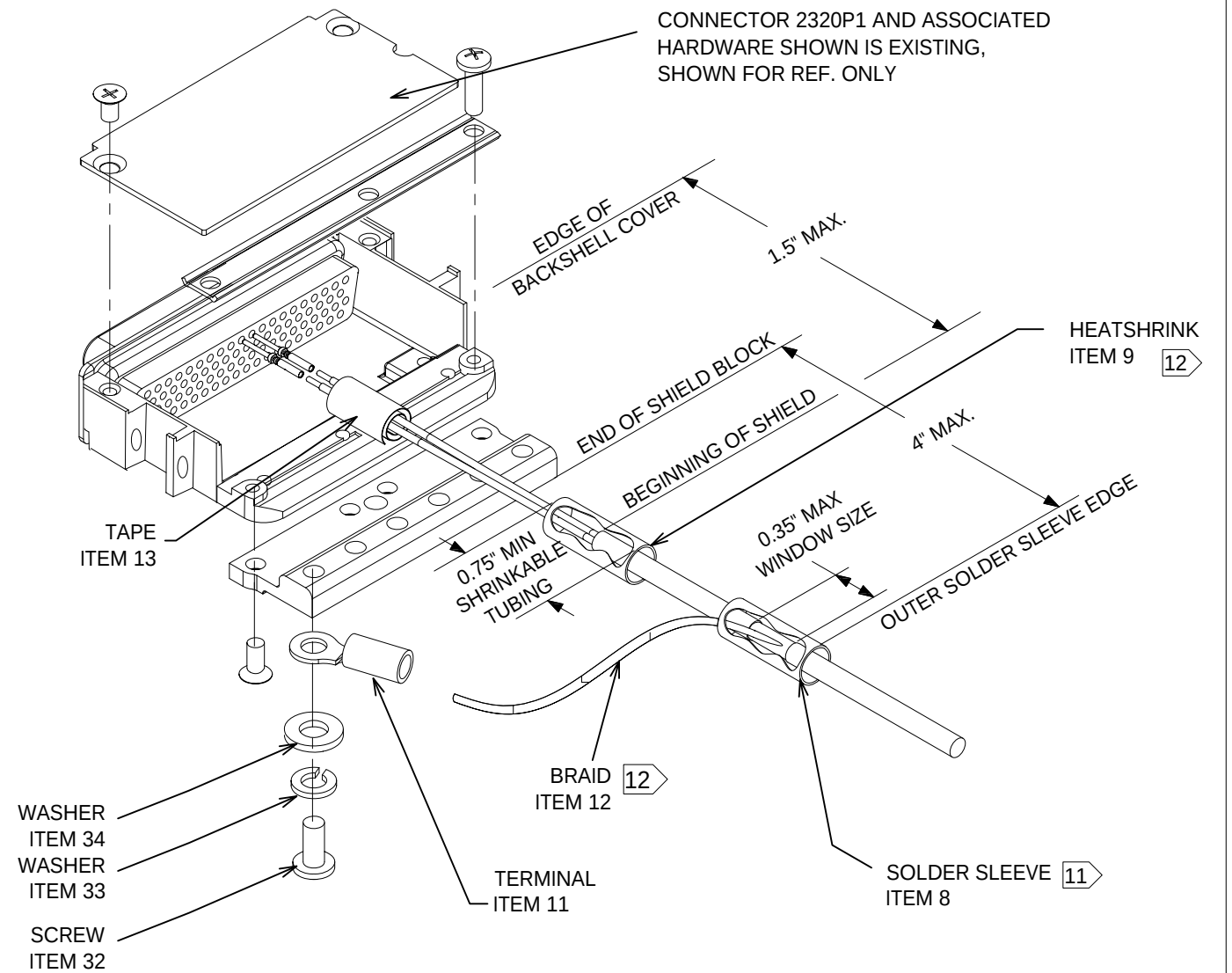
VIEW B-B 

**INSTRUMENT PANEL
CONNECTORS AND WIRING UNAFFECTED
NOT SHOWN FOR CLARITY
(VIEW LOOKING AFT)**

GARMIN.		Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.	
SIZE B	DWG. NO. 005-00620-09	REV. 3	
SCALE NTS		SHT. 9	OF 11



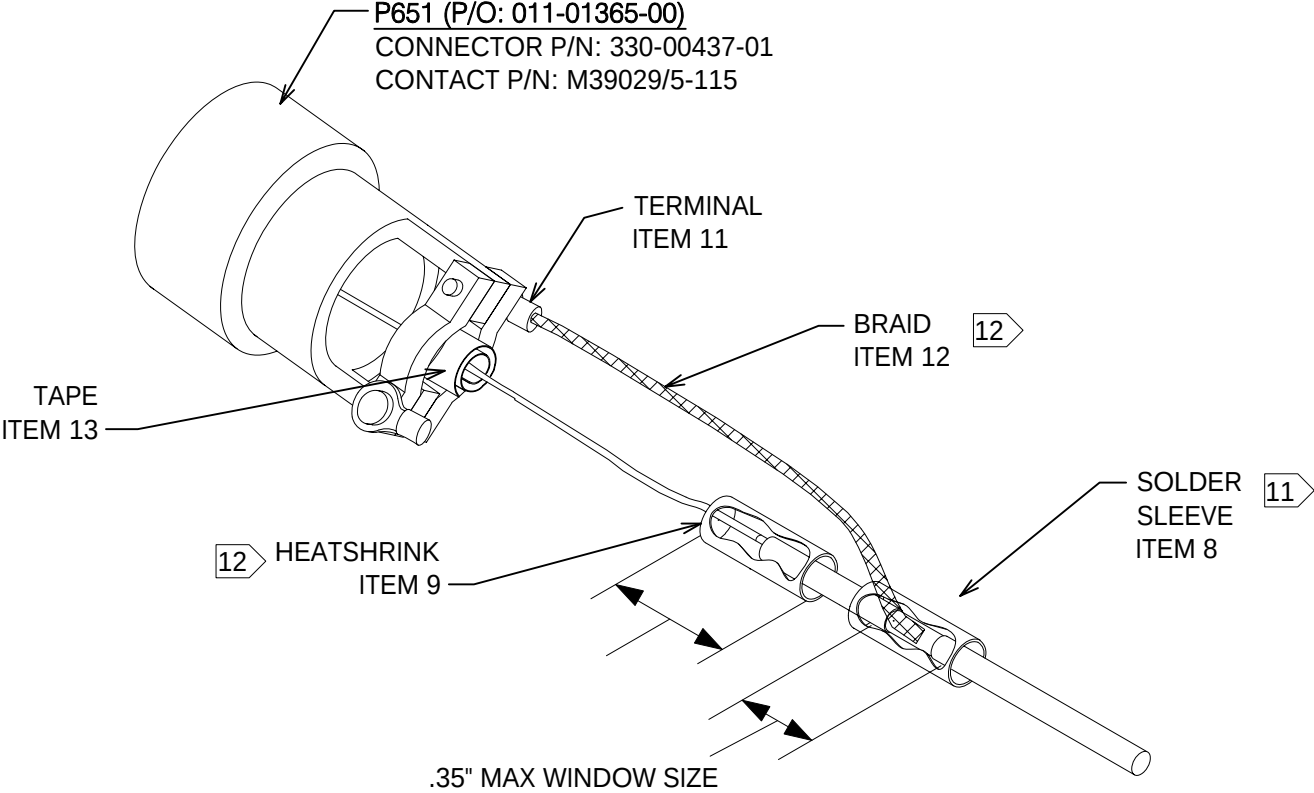
DETAIL J 14
 SPLICE TERMINATIONS AT
 2322P4 AND 2321P4



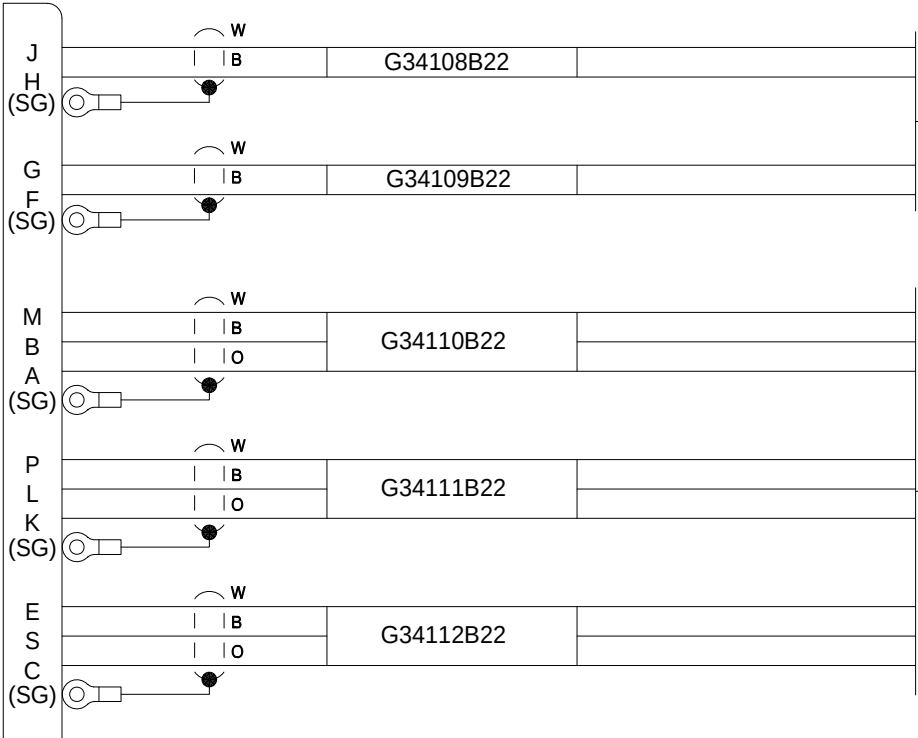
DETAIL K 14
 WIRE TERMINATION AT
 2320P1

DETAIL J - GIA 63W TERMINATIONS
 & DETAIL K - GDL 69A TERMINATION

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SIZE B	DWG. NO. 005-00620-09	REV. 3	
SCALE NTS	SHT. 10 OF 11		



P651

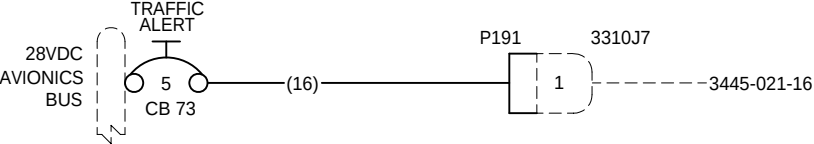
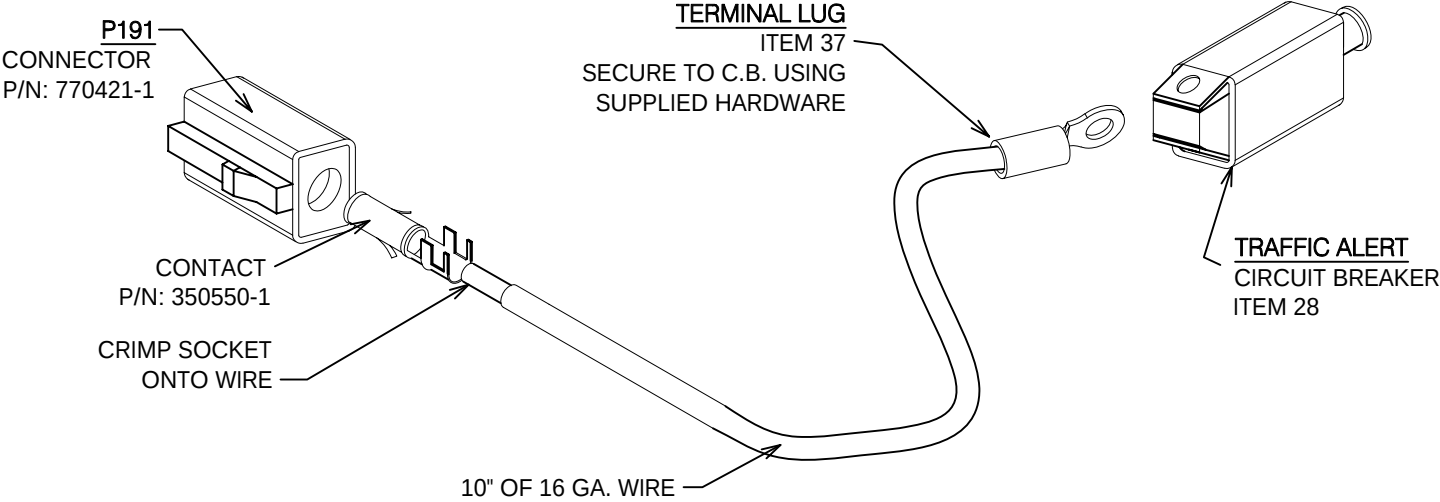


INTERCONNECT AT P651

DETAIL L
WIRE TERMINATIONS AT
P651

SEE DWG. 320-00609-XX

SEE DWG. 320-00609-XX



INTERCONNECT AT P191

DETAIL M
WIRE TERMINATIONS AT
P191

DETAIL L - P561 TERMINATION
& DETAIL M - CIRCUIT BREAKER TERMINATION

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SIZE B	DWG. NO. 005-00620-09	REV. 3	
SCALE NTS		SHT. 11	OF 11