

**** EXPORT CONTROLLED DOCUMENT - EAR ****
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REVISIONS				DATE	APPROVED
ECN	SHT	ZONE	REV		
72820			NC	INITIAL RELEASE	10/11/18 R. Lay

GENERAL NOTES:

- ENSURE ALL WIRING PRACTICES ARE IN ACCORDANCE WITH THE FOLLOWING ORDER OF PRECEDENCE:
 A) THIS DRAWING
 B) IPC-WHMA-A-620B
- WIRE NUMBER MARKING:

 WHEN POSSIBLE, WIRES AND CABLES ARE TO BE INDELIBLY LASER MARKED WITH INFORMATION FROM WIRE LIST. MARKING INTERVAL IS TO BE AT 12 INCHES MAXIMUM.

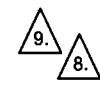
 WHEN LASER MARKING IS NOT POSSIBLE, WIRES AND CABLES ARE TO HAVE INDELIBLY MARKED LABELS WITH INFORMATION FROM WIRE LIST. MARKING INTERVAL IS THEN TO BE APPROXIMATELY EVERY 68 INCHES WITH A MAXIMUM 72 INCH INTERVAL.

ASSEMBLY NOTES:

- HARNESS LENGTH AND BREAKOUT LENGTH TOLERANCE (NO BENDS):
 LENGTH | 4-24 | 25-120 | 121-600 | 601-1200 | 1201 AND UP |
 TOL | +0.5/-0.5 | +3.0/-3.0 | +6.0/-6.0 | +12.0/-12.0 | +24.0/-24.0 |
- PROTECT CONNECTORS FROM CONTAMINATION AND DAMAGE DURING SHIPPING AND HANDLING (DUST CAPS PREFERABLE).
- BAG & IDENTIFY KITS AS FOLLOWS:

 AVANCE P3 HARNESS
 P/N 600-105012-XXX/XXX/XXX/XXX/XXX/XXX
 REV: (CURRENT DRAWING REVISION)
- △ FILL UNUSED POSITION WITH CONTACTS.
- SPOT TIE HARNESS BREAKOUTS OF 12" INTERVALS.
- △ WIRE QTY = CMS LENGTH
- △ WIRE QTY = SUM OF ALL OTHER SYSTEMS
- △ PRINT FIN INFORMATION ON LABELS (ITEM 5 AND 6) SHRINK HALF OF THE LABEL AND INSTALL APPROXIMATELY 6" FROM THE END OF WIRE.

QTY REQ'D	COMPONENTS PART NO. OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	ALTERNATE PART NUMBER	ITEM NO.
2	T18R-9	TIE WRAP	-	12
A/R	203-8	TAPE, LACING	-	11
1	M83519/2-10	SOLDER SLEEVE, PIGTAIL	-	10
5	M83519/2-8	SOLDER SLEEVE, PIGTAIL	-	9
1	3M70	TAPE, FUSION	-	8
1	CM-SCE-1/2-4H-9	1/2" LABEL	-	7
1	TMS-SCE-3/4-2.0-9	HEAT SHRINK LABEL	-	6
5	TMS-SCE-3/8-2.0-9	HEAT SHRINK LABEL	-	5
1	ISOFS150M2410-5S-SR	BACKSHELL	400FS001NF2410F2	4
1	MS27467T25F35PN	CONNECTOR	-	3
XXX	NF24Q100	CABLE	-	2
XXX	962408	CABLE	-	1



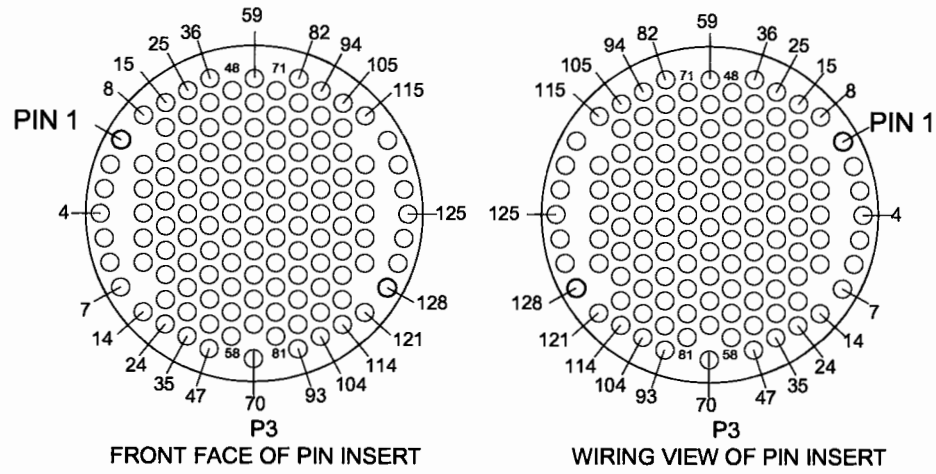
<p>CAD GENERATED DOCUMENT</p> <p>ANY CHANGES TO THIS DOCUMENT MUST BE SUBMITTED TO THE DESIGN DRAFTING DEPARTMENT FOR PROPER UPDATE</p> <p>This print and associated documents and the contained information are the confidential property of CARLISLE INTERCONNECT TECHNOLOGIES. Disclosure of, and/or reproduction of, all or part thereof or manufacture of any part from information contained on this print not specifically permitted by CARLISLE INTERCONNECT TECHNOLOGIES in writing is forbidden.</p>	<p>UNLESS OTHERWISE SPECIFIED:</p> <p>ALL DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES: .XX ± .03 .XXX ± .01</p>	<p>CONTRACT NO.</p> <p>DRAWN S. SHAFFER 10/3/18</p> <p>CHECKED R. Lay 10/11/18</p> <p>DESIGNED S. SKIBINSKI 10/3/18</p>	<p>CARLISLE Carlisle Interconnect Technologies Franklin, WI 53132 414-421-5300</p> <p>TITLE: AVANCE P3 HARNESS</p>
	<p>THIRD ANGLE PROJECTION</p>	<p>PROJECT</p> <p>APR. [Signature] 10/12/18</p> <p>ENG. [Signature]</p>	

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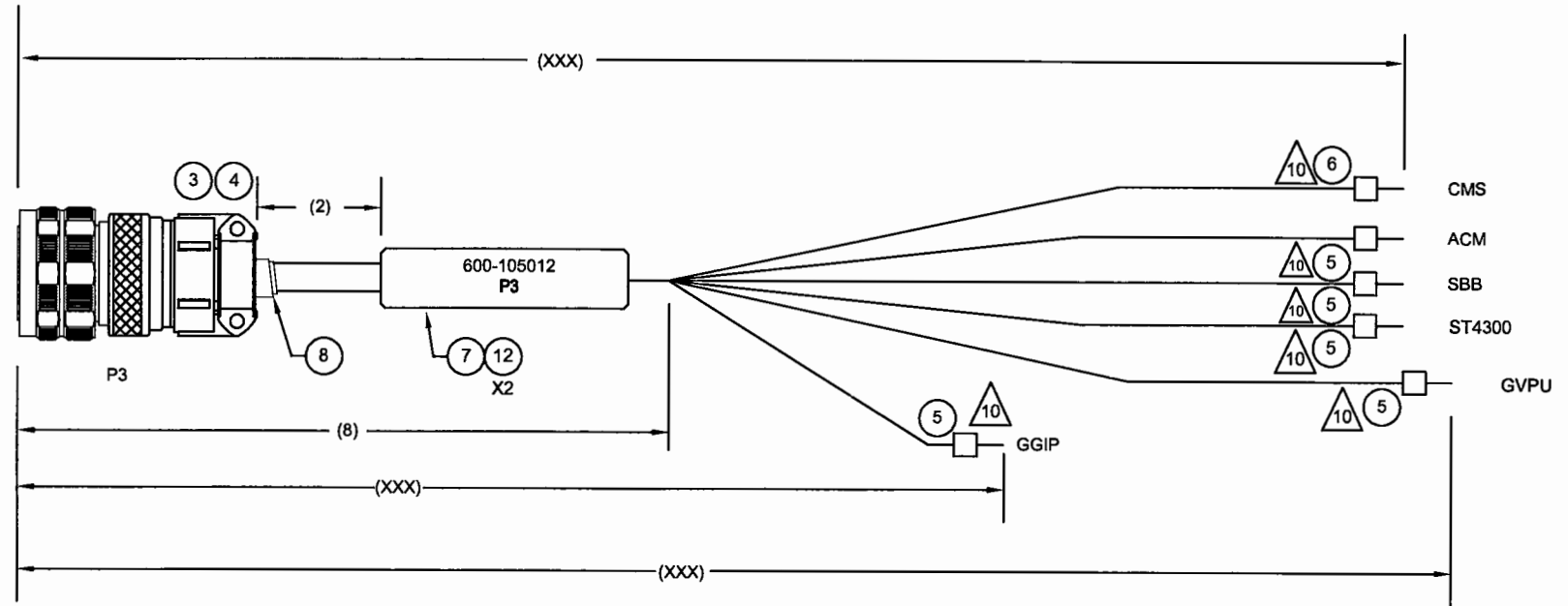
EXAMPLE KIT PART NUMBER

AVANCE P3 HARNESS: 600-105012-132/064/168/302/288/048

CMS LENGTH (IN)	↑	↑	↑	↑	↑	↑	GGIP LENGTH (IN)
ACM LENGTH (IN)	↑	↑	↑	↑	↑	↑	GVPU LENGTH (IN)
SBB LENGTH (IN)	↑	↑	↑	↑	↑	↑	ST4300 LENGTH (IN)



	UNUSED POSITIONS
1-18, 21-28, 30-35, 38-40, 43-47, 50-58	
60-70, 72-76, 79-81, 84-86, 91-94, 102-108	
112-115, 118, 121, 125, AND 128	



HARNESS ASSEMBLY

THIRD ANGLE PROJECTION				CARLISLE Carlisle Interconnect Technologies Franklin, WI 53132 414-421-5300	
SIZE	DATE CODE	LEVEL	DWG. NO.	600-105012	
D	66197	H			
SCALE: NONE		EFFECTIVITY:		SHEET: 2 OF 4	

**** EAR CONTROLLED ****

H

G

F

E

D

C

B

A

H

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E

D

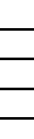
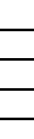
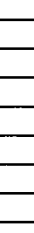
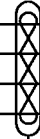
C

B

A

J3
82
72
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100
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101
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90
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P3
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37
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110
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109
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100
41
20
42
19
29
101
78
89
90
77



EMI BACKSHELL

EMI BACKSHELL

EMI BACKSHELL

EMI BACKSHELL

9001-W/O
9001-O
9001-W/GN
9001-GN
9001-BLUE
9001-W/BBLUE
9001-W/BRN
9001-BRN

9002-24R
9002-24R/BLK
9002-24B
9002-24B/BLK

9003-24R
9003-24R/BLK
9003-24B
9003-24B/BLK

9004-24R
9004-24R/BLK
9004-24B
9004-24B/BLK

1

2

2

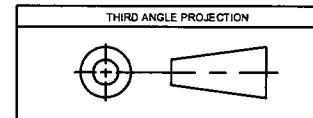
2

CABIN MANAGEMENT SYSTEM	
GE1_D0+	*MAY USE ETHERNET FE_5 AS AN ALTERNATE FOR CABIN MANAGEMENT FUNCTIONS
GE1_D0-	
GE1_D1+	
GE1_D1-	
GE1_D2+	
GE1_D2-	
GE1_D3+	
GE1_D3-	

ACM - GOGO P/N P14128	
LAN_RX1_P	
LAN_RX1_N	
LAN_TX1_P	
LAN_TX1_N	

AVIATOR 350 (SBB)	
ETH_1_RX+	
ETH_1_RX-	
ETH_1_TX+	
ETH_1_TX-	

GOGO ST4300 SATELITE TRANSCEIVER	
ETH_5_RX+	
ETH_5_RX-	
ETH_5_TX+	
ETH_5_TX-	

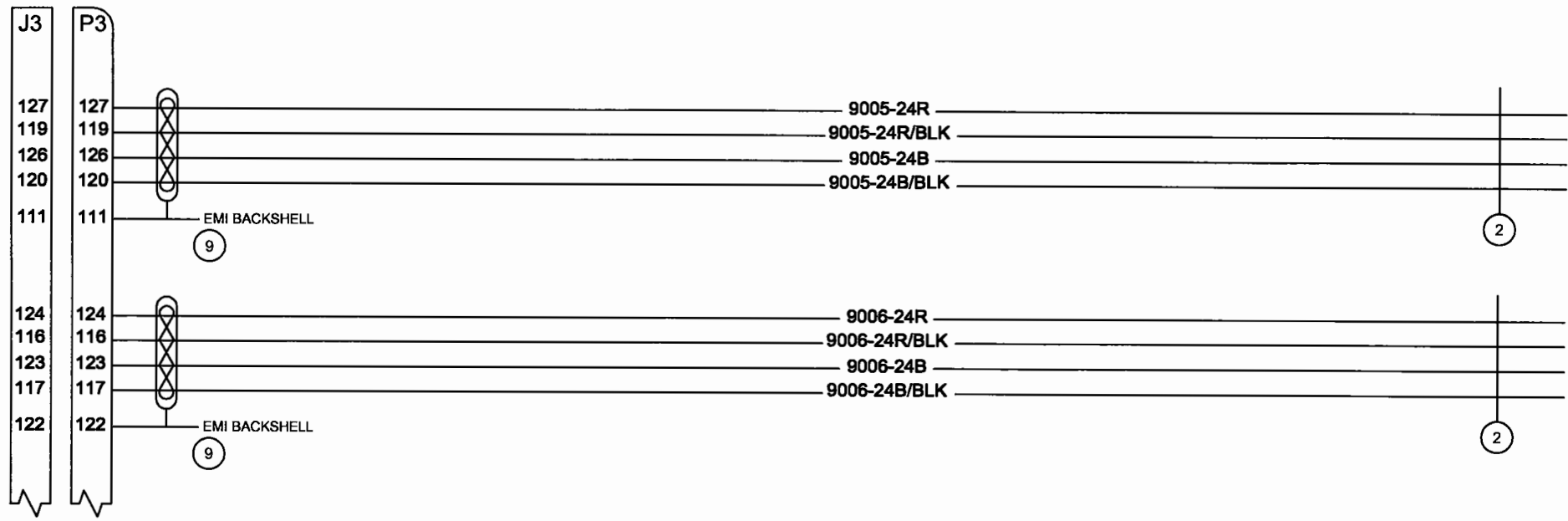


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SIZE	CODE CODE	LEVEL	DWG. NO.
D	66197	H	600-105012
SCALE	NONE	EFFECTIVITY	

SHEET 3 OF 4

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GVPU - GOGO P/N P24486	
FE7_RX+	*FE_8 CAN BE USE AS AN ANLTERNATE
FE7_RX-	
FE7_TX+	
FE7_TX-	

WIRED HANDSET	
FE12_RX+/DC+	
FE12_RX-/DC+	
FE12_TX-/DC+	
FE12_TX-/DC-	

THIRD ANGLE PROJECTION						Carlisle Interconnect Technologies Franklin, WI 53132 414-421-5300	
SIZE	D	CAGE CODE	66197	LEVEL	H	DWG NO	600-105012
SCALE	NONE	EFFECTIVITY		SHEET	4 OF 4		