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AgustaWestland Products

SERVICE BULLETIN

N° 189-339

DATE: March 10, 2023

REV. : /

TITLE

ATA 00 – CUSTOMIZATION KIT S/N 49023 INSTALLATION

REVISION LOG

First Issue

An appropriate entry should be made in the aircraft log book upon accomplishment.
If ownership of aircraft has changed, please, forward to new owner.

1. PLANNING INFORMATION

A. EFFECTIVITY

AW 189 helicopter S/N 49023.

B. COMPLIANCE

At Customer's option.

C. CONCURRENT REQUIREMENTS

N.A.

D. REASON

This Service Bulletin is issued in order to provide the necessary instruction on how to perform the installation of the “kit customization S/N 49023” P/N 8G2520F10711.

E. DESCRIPTION

This SB has been issued in order to give instructions on how to install the customization kit P/N 8G2520F10711 on AW189 helicopter S/N 49023.

Part I of this SB gives instruction on how to perform the following customization:

- a dedicated C/A installation;
- all the required provision for the new passenger cabin layout (including the fire extinguisher and the first aid kits);
- to upgrade the hinged cabin door mechanism;
- to restore the basic cockpit liner installation, including the service handles and the life jacket installation.

Part II gives instructions on how to remove the equipment of the “air purification kit” P/N 8G2170F00111 and how to stow the relevant provisions.

Part III gives instructions on how to remove the equipment of the 2nd transponder kit P/N 8G3450F01011 and how to stow the relevant provisions.

Part IV gives instruction on how to remove the equipment of the 2nd DME kit P/N 8G3450F00911 and how to stow the relevant provisions.

Part V gives instructions on how to remove the equipment of the GSM system kit P/N 8G4390A04411 and how to stow the relevant provisions.

F. APPROVAL

The technical content of this Service Bulletin is approved under the authority of DOA nr. EASA.21.J.005. For helicopters registered under other Aviation Authorities, before applying the Service Bulletin, applicable Aviation Authority approval must be checked within Leonardo Helicopters customer portal.

EASA states mandatory compliance with inspections, modifications or technical directives and related time of compliance by means of relevant Airworthiness Directives.

If an aircraft listed in the effectivity embodies a modification or repair not LHD certified and affecting the content of this Service Bulletin, it is responsibility of the Owner/Operator to obtain a formal approval by Aviation Authority having jurisdiction on the aircraft, for any adaptation necessary before incorporation of the present Service Bulletin.

G. MANPOWER

To comply with this Service Bulletin the following MMH are deemed necessary:

Part I: approximately four hundred (400) MMH;

Part II: approximately ten (10) MMH;

Part III: approximately fifteen (15) MMH;

Part IV: approximately fifteen (15) MMH;

Part V: approximately ten (10) MMH;

MMH are based on hands-on time and can change with personnel and facilities available.

H. WEIGHT AND BALANCE

PART I

Update the Chart A as described in the following procedure:

1. The following existing entry in Chart A must be deleted:

P/N 8G2520F01711

"Kit VIP Dubai cabin customization"

2. The following entry in Chart A must be added:

P/N 8G2520F10711

"Kit customization S/N 49023"

WEIGHT (Kg)	49.256	
	ARM (mm)	**MOMENT (Kgmm)**
LONGITUDINAL BALANCE	3997.2	196887.1
LATERAL BALANCE	-10.2	-503.3

P/N 8G2560F00811

"Kit pilots life jacket"

WEIGHT (Kg)	1.236	
	ARM (mm)	**MOMENT (Kgmm)**
LONGITUDINAL BALANCE	2712.0	3352.4
LATERAL BALANCE	-0.2	-0.2

P/N 8G3350F00111

"Kit flash lights installation"

WEIGHT (Kg)	0.290	
	ARM (mm)	**MOMENT (Kgmm)**
LONGITUDINAL BALANCE	2038.8	591.3
LATERAL BALANCE	0.0	0.0

PART II

Update the Chart A as described in the following procedure:

1. The following existing entry in Chart A must be deleted:

P/N 8G2170F00111

"Kit air purification"

2. The following entry in Chart A must be added:

P/N 8G2170A04911

"Air purification kit complete provision"

WEIGHT (Kg)	0.456	
	ARM (mm)	**MOMENT (Kgmm)**
LONGITUDINAL BALANCE	2701.3	1233.0
LATERAL BALANCE	-7.5	-3.4

PART III

Update the Chart A as described in the following procedure:

1. The following existing entry in Chart A must be deleted:

P/N 8G3450F01011

"Kit 2ND XPDR"

2. The following entry in Chart A must be added:

P/N 8G3450A07611

"2nd transponder provision"

WEIGHT (Kg)	4.098	
	ARM (mm)	**MOMENT (Kgmm)**
LONGITUDINAL BALANCE	5529.4	22658.3
LATERAL BALANCE	270.1	1106.7

PART IV

Update the Chart A as described in the following procedure:

1. The following existing entry in Chart A must be deleted:

P/N

"Kit 2ND DME"

2. The following entry in Chart A must be added:

P/N 8G3450A07311

"2nd DME kit provision"

WEIGHT (Kg)	0.775	
	ARM (mm)	**MOMENT (Kgmm)**
LONGITUDINAL BALANCE	1551.2	1202.5
LATERAL BALANCE	74.0	57.3

PART V

Weight and balance changes are included in this SB Part I entry.

I. REFERENCES

1) PUBLICATIONS

Following Data Modules refer to AMP:

DATA MODULE		DESCRIPTION	PART
DM01	89-A-00-20-00-00A-120A-A	Helicopter on ground for a safe maintenance.	All
DM02	89-A-06-41-00-00A-010A-A	Access doors and panels - General data	I
DM03	89-A-11-00-01-00A-720A-A	Decal - Install procedure	I
DM04	89-A-16-11-00-12A-028A-A	Role change procedures - Air purification system kit – General	II
DM05	89-A-20-10-03-00A-010A-A	Wire / cable crimping - General data	I
DM06	89-A-20-10-06-04A-720A-A	Sleeve marker - Install procedure	I
DM07	89-A-23-19-01-00A-520A-A	Radio interface unit - Remove procedure	V
DM08	89-A-23-19-02-00A-520A-A	Power supply - Remove procedure	V
DM09	89-A-23-19-03-00A-520A-A	GSM antenna - Remove procedure	V
DM10	89-B-25-29-01-00A-520A-A	Aft row cabin seat - Remove procedure	I
DM11	89-B-25-29-02-00A-520A-A	Restraint system - Remove procedure	I
DM12	89-B-25-29-03-00A-520A-A	Restraint guide - Remove procedure	I

DATA MODULE		DESCRIPTION	PART
DM13	89-B-25-29-04-00A-520A-A	Structural provision - Remove procedure	I
DM14	89-E-25-29-01-00A-720A-A	Aft row cabin seat - Install procedure	I
DM15	89-E-25-29-02-00A-720A-B	Restraint system - Install procedure	I
DM16	89-E-25-29-03-00A-720A-A	Restraint guide - Install procedure	I
DM17	89-E-25-29-04-00A-720A-A	Structural provision - Install procedure	I
DM18	89-A-25-66-01-01A-920A-A	Life jacket (cockpit seat) - Replacement	I
DM19	89-A-25-66-01-02A-720A-A	Life jacket bag (cockpit seat) - Install procedure	I
DM20	89-A-25-81-01-00A-720A-A	Forward left ceiling liner - Install procedure	I
DM21	89-A-25-81-02-00A-720A-A	Forward upper left liner - Install procedure	I
DM22	89-A-25-81-03-00A-720A-A	Forward lower left liner - Install procedure	I
DM23	89-A-25-81-04-00A-720A-A	Aft upper left liner - Install procedure	I
DM24	89-A-25-81-05-00A-720A-A	Forward right ceiling liner - Install procedure	I
DM25	89-A-25-81-06-00A-720A-A	Forward upper right liner - Install procedure	I
DM26	89-A-25-81-07-00A-720A-A	Forward lower right liner - Install procedure	I
DM27	89-A-25-81-08-00A-720A-A	Aft upper right liner - Install procedure	I
DM28	89-A-25-84-01-00B-720A-A	Left cockpit door liner - Install procedure	I
DM29	89-A-25-84-02-00B-720A-A	Right cockpit door liner - Install procedure	I
DM30	89-A-34-55-01-00A-520A-A	Number 2 GPS receiver - Remove procedure	I
DM31	89-A-34-55-01-00B-720A-A	Number 2 GPS receiver - Install procedure	I
DM32	89-A-34-58-01-00A-520A-A	Number 2 ATC XPDR transceiver - Remove procedure	III
DM33	89-A-34-58-02-00A-520A-A	Number 2 ATC XPDR transceiver mounting tray - Remove procedure	III
DM34	89-A-34-59-01-00A-520A-A	Number 2 DME transceiver - Remove procedure	IV
DM35	89-A-34-59-02-00A-520A-A	Number 2 DME transceiver mounting tray - Remove procedure	IV

DATA MODULE		DESCRIPTION	PART
DM36	89-A-34-59-03-00A-520A-A	Number 2 DME antenna - Remove procedure	IV
DM37	89-A-52-13-01-00A-520A-A	Left hinged cabin door - Remove procedure	I
DM38	89-A-52-13-01-00A-720A-A	Left hinged cabin door - Install procedure	I
DM39	89-A-52-13-02-00A-520A-A	Right hinged cabin door - Remove procedure	I
DM40	89-A-52-13-02-00A-720A-A	Right hinged cabin door - Install procedure	I
DM41	89-A-53-11-00-01A-028A-A	Seat rails installation - Configuration - General	I
DM42	89-A-97-51-03-00A-520A-A	Video camera amplifier - Remove procedure	I
DM43	89-A-23-51-00-00A-752A-A	Audio integrating system - Data loading	I
DM44	89-A-46-21-00-00A-750A-A	Aircraft mission management system - Load software procedure	I
DM45	89-A-46-31-00-00A-750A-A	Cockpit display system – Load software procedure	I
DM46	89-A-52-63-01-00A-720A-A	Left cockpit handle - Install procedure	I
DM47	89-A-52-63-02-00A-720A-A	Right cockpit handle - Install procedure	I

Following Data Modules refer to CSRP:

DATA MODULE		DESCRIPTION	PART
DM48	CSRP-A-51-21-04-00A-650A-D	Paint and primers on composite materials - Remove material	I
DM49	CSRP-A-51-22-07-00A-258A-D	Preparation of core plug prior to bonding and core splicing - Other procedure to clean	I
DM50	CSRP-A-51-23-00-00A-028A-D	Composite parts specific processes - General	I
DM51	CSRP-A-51-42-00-00A-720A-D	Potted inserts - Install procedure	I
DM52	CSRP-A-51-43-02-00A-921A-D	Adhesive bonded anchor nuts - Replacement	I

Following Data Modules refer to CSPP:

DATA MODULE		DESCRIPTION	PART
DM53	CSPP-A-20-40-02-00A-920A-D	A900A and A960A anchor nuts - Replacement	I

2) ACRONYMS & ABBREVIATIONS

AMDI	Aircraft Material Data Information
AMMC	Aircraft Mission Management Computer

AMP	Aircraft Maintenance Publication
AR	As Required
CDS	Cockpit Display System
CSRP	Common Structural Repair Publication
CSPP	Common Standard Practices Publication
DM	Data Module
DOA	Design Organization Approval
EASA	European Aviation Safety Agency
FWD	Forward
ICS	Intercommunication System
IPD	Illustrated Part Data
ITEP	Illustrated tool and equipment publication
LH	Left Hand
LHD	Leonardo Helicopters Division
MMH	Maintenance Man Hours
N.A.	Not Applicable
P/N	Part Number
RH	Right Hand
SB	Service Bulletin
S/N	Serial Number
Th	Thickness

3) ANNEX

N.A.

J. PUBLICATIONS AFFECTED

N.A.

K. SOFTWARE ACCOMPLISHMENT SUMMARY

Software to be updated:

AMMC option file P/N 8G4620AO1144

CDS option file P/N 8G4630AO1144

ICS setting file P/N 8G2350AO0055.

2. MATERIAL INFORMATION

A. REQUIRED MATERIALS

1) PARTS

PART I

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
1	**8G2520F10711**		**KIT CUSTOMIZATION 49023**	**REF**	**.**		
2	**8G4600A03211**		**CUSTOMIZATION 49023 C/A INSTALLATION**	**REF**	**..**		
3	**8G9B22A33501**		**Customization 49023 C/A (B2A335)**	**REF**	**...**		**-**
4	A529A400-1303C		Backshell	1	….		189-339L1
5	A556A-T22		Wire	5m	….		189-339L1
6	A561A-T2-22		Wire	14m	….		189-339L1
7	D38999/20MC35SN		Connector	1	….		189-339L1
8	M39029/56-348		Electrical contact	7	….		189-339L1
9	M39029/58-363		Electrical contact	7	….		189-339L1
10	**8G9B22B29601**		**Customization 49023 C/A (B2B296)**	**REF**	**...**		**-**
11	A556A-T22		Wire	4m	….		189-339L1
12	A561A-T2-22		Wire	18m	….		189-339L1
13	A590A02		Ferrule	6	….		189-339L1
14	FC7520D/AA		Electrical contact	7	….		189-339L1
15	M23053/8-004-C		Insulation sleeving	6	….		189-339L1
16	M39029/56-348		Electrical contact	2	….		189-339L1
17	M39029/56-351		Electrical contact	7	….		189-339L1
18	M81824/1-1		Splice	2	….		189-339L1
19	**8G9C22A28201**		**Customization 49023 C/A (C2A282)**	**REF**	**...**	**(1)**	**-**
20	MS25036-102		Terminal lug	1	….		189-339L1
21	AW001CK03LC		Lacing cord	1m	...		189-339L1
22	ED300J2075		Decal	1	...		189-339L1
23	NAS1149DN416J		Washer	4	...		189-339L1
24	NAS1802-04-7		Screw	4	...		189-339L1
25	M85049/95-14A-A		Connector mounting	1	...		189-339L1
26	**8G5310A43511**		**VIP FIRE EXT AND FIRST AID KIT INSTALLATION**	**REF**	**..**		
27	109-0710-08-111		Pocket assy	1	...		189-339L1
28	A425A004A	A425A005A	Bag for first AID kit	1	...		189-339L1
29	MB2620A00131		Fire extinguisher bracket assy	1	...		189-339L1
30	MB2620I00251		Extinguisher AMEREX A344	1	...		189-339L1
31	**8G5310P02711**		**49023 FLOOR PANELS RETROMOD**	**REF**	**..**		
32	8G5332A16751		End rail AFT 1	2	...		189-339L1
33	8G5332A30351		Seat rail FWD	2	...		189-339L1
34	8G5332A30451		Seat rail FWD 2 LH	1	...		189-339L1
35	8G5332A30551		Seat rail FWD 2 RH	1	...		189-339L1
36	8G5332A30651		Seat rail AFT 1 LH	1	...		189-339L1
37	8G5332A30751		Seat rail AFT 1 RH	1	...		189-339L1
38	8G5332A30851		Seat rail AFT 2	2	...		189-339L1
39	8G5332A16451		End rail FWD LH	1	...		189-339L1

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
40	8G5332A16551		End plate LH	1	...		189-339L1
41	8G5332A16651		End rail FWD RH	2	...		189-339L1
42	8G5332A16851		End rail AFT 2	2	...		189-339L1
43	8G5332P01751		Doubler	REF	...	(11)	-
44	A259A04-06		Setscrew	68	...		189-339L1
45	A407A3C1		Nut	2	...		189-339L1
46	A900A3E2-02		Nut	4	...		189-339L1
47	A900A4E2-02		Nut	6	...		189-339L1
48	AN525-10R6		Screw	4	...		189-339L1
49	AW007TE-30-108		Insert	2	...		189-339L1
50	AW007TE-45-109		Insert	4	...		189-339L1
51	AW009TB3C04	A875A3C04	Bolt	4	...		189-339L1
52	MS20426AD3-4		Rivet	0.1kg	...		189-339L1
53	MS24694-S101		Screw	2	...		189-339L1
54	MS24694-S102		Screw	2	...		189-339L1
55	MS24694-S52		Screw	2	...		189-339L1
56	MS24694-S53		Screw	3	...		189-339L1
57	MS24694-S54		Screw	2	...		189-339L1
58	MS24694-S55		Screw	6	...		189-339L1
59	MS24694-S95		Screw	2	...		189-339L1
60	MS24694-S96		Screw	2	...		189-339L1
61	MS24694-S99		Screw	78	...		189-339L1
62	MS27039C1-07		Screw	3	...		189-339L1
63	MS27039C1-08		Screw	1	...		189-339L1
64	NAS1149C0316R		Washer	4	...		189-339L1
65	NAS1149D0716K		Washer	4	...		189-339L1
66	NAS1474A4		Nut	2	...		189-339L1
67	NAS1720H4L2A		Rivet	16	...		189-339L1
68	**8G5332P00531**		**FWD FLOOR PANEL ASSY**	**REF**	**...**	**(2)**	**-**
69	8G5332P00651		Doubler lower panel	REF	....	(7)	-
70	AW007TE-45-125		Insert	36	....		189-339L1
71	NAS1149D0732K		Washer	36	....		189-339L1
72	NAS1720H4L2A		Rivet	64	....		189-339L1
73	**8G5332A16231**		**CTR FLOOR PANEL ASSY**	**REF**	**...**	**(3)**	**-**
74	8G5332A31151		Doubler lower panel	REF	....	(8)	-
75	8G5332A31051		Packer	REF	....	(9)	-
76	AW007TE-45-125		Insert	18	....		189-339L1
77	NAS1149D0732K		Washer	18	....		189-339L1
78	NAS1720H4L2A		Rivet	38	....		189-339L1
79	**8G5332A16331**		**AFT FLOOR PANEL ASSY**	**REF**	**...**	**(4)**	**-**
80	8G5332A31651		Doubler lower panel	REF	....	(10)	-
81	AW007TE-45-125		Insert	20	....		189-339L1
82	NAS1149D0732K		Washer	20	....		189-339L1
83	NAS1720H4L2A		Rivet	46	....		189-339L1
84	**8G5212P01211**		**49023 HINGED DOOR RETROMOD**	**REF**	**..**		**-**
85	4F5212A03551		Inspection glass	2	...		189-339L1
86	8G5213A15351		Indicator plate	2	...		189-339L1
87	8G5213A15451		Indicator plate	6	...		189-339L1
88	8G5213A15651		Inspection glass cover LHS	1	...		189-339L1
89	8G5213A15751		Inspection glass cover RHS	1	...		189-339L1
90	AN525-10R7		Screw	2	...		189-339L1
91	AN525-10R8		Screw	6	...		189-339L1
92	MS27039-0812		Screw	2	...		189-339L1
93	NAS1832-3-4		Insert	8	...		189-339L1
94	NAS1922-0050-3		Clamp	6	...		189-339L1

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
95	**8G5310P02811**		**49023 AVIONICS CABIN RETROMOD**	**REF**	**..**		
96	A259A02C04		Setscrew	5	...		189-339L1
97	AW007TE-08-106		Insert	5	...		189-339L1
98	NAS1149D0632J		Washer	5	...		189-339L1
99	NAS1149D0663J		Washer	5	...		189-339L1
100	NAS1832-08-3		Insert	12	...		189-339L1
101	NAS1832-3-3		Insert	37	...		189-339L1
102	NAS1832-3-4		Insert	4	...		189-339L1
103	**8G5330P10311**		**49023 4TH ROW RETROMOD INSTALLATION**	**REF**	**..**		
104	NAS1832-3-4		Insert	8	...		189-339L1
105	1-10-AS5201BCR		Restraint system	1	...		189-339L1
106	8G2520A00931		Seat pan structure assy	1	...		189-339L1
107	8G2520V00531		Seat pan cushion	4	...		189-339L1
108	8G2520V00631		Cushion backrest	4	...		189-339L1
109	8G2520V00731		Cushion headrest	4	...		189-339L1
110	MS17985C509		Pin	2	...		189-339L1
111	MS21042L3	NAS9926-3L	Nut	4	...		189-339L1
112	MS24694-S51		Screw	4	...		189-339L1
113	NAS1149D0316K		Washer	4	...		189-339L1
114	A305A50B1Y482	A305A50B1Y	Velcro tape	5m	...		189-339L1
115	A305A50B2Y160	A305A50B2Y	Velcro Tape	2m	...		189-339L1
116	**8G5330P09811**		**49023 4TH ROW RETROMOD**	**REF**	**...**		
117	8G5330A33632	8G5330A33632A	Mounting LH outboard FWD assy	1	....		189-339L1
118	8G5330A33832	8G5330A33832A	Mounting LH middle FWD assy	1	....		189-339L1
119	8G5330A34032	8G5330A34032A	Mounting LH inboard FWD assy	1	....		189-339L1
120	8G5330A34232	8G5330A34232A	Mounting RH outboard FWD assy	1	....		189-339L1
121	8G5330A34432	8G5330A34432A	Mounting RH inboard FWD assy	1	....		189-339L1
122	8G5330A34631	8G5330A34631A	Mounting LH rear assy	1	....		189-339L1
123	8G5330A34831	8G5330A34831A	Mounting RH rear assy	1	....		189-339L1
124	8G5330A35052		Shim laminated outboard	2	....		189-339L1
125	8G5330A35152		Shim laminated LH middle	1	....		189-339L1
126	8G5330A35252		Shim laminated LH inboard	1	....		189-339L1
127	8G5330A38151		Restraint strap guide angle	1	....		189-339L1
128	8G5330A38251		Restraint strap guide bracket	1	....		189-339L1
129	8G5330A38351	8G5330A38351A	Doubler	2	....		189-339L1
130	8G5330A38751	8G5330A38751A	Doubler	2	....		189-339L1
131	8G5330A52031	8G5330A52031A	Mounting RH middle FWD assy	1	....		189-339L1
132	8G5330A52251		Shim laminated RH middle	1	....		189-339L1
133	8G5330A52351		Shim laminated RH inboard	1	....		189-339L1
134	**8G5330P09931**		**REWORK FUEL FRONT LATERAL PANEL LHS ASSY**	**REF**	**....**	**(5)**	**-**
135	8G5330A38351	8G5330A38351A	Doubler	1	.....		189-339L1
136	8G5330A38751	8G5330A38751A	Doubler	1	.....		189-339L1
137	AW007TE-30-213		Insert	3	.....		189-339L1
138	AW007TE-30-214		Insert	3	.....		189-339L1

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
139	**8G5330P10131**		**REWORK FUEL FRONT LATERAL PANEL RHS ASSY**	**REF**	**....**	**(6)**	**-**
140	8G5330A38351	8G5330A38351A	Doubler	1	.....		189-339L1
141	8G5330A38751	8G5330A38751A	Doubler	1	.....		189-339L1
142	AW007TE-30-213		Insert	3	.....		189-339L1
143	AW007TE-30-214		Insert	3	.....		189-339L1
144	A259A03-05		Setscrew	37	....		189-339L1
145	AW007TE-30-117		Insert	4	....		189-339L1
146	AW007TE-30-209		Insert	6	....		189-339L1
147	AW007TE-30-213		Insert	10	....		189-339L1
148	AW007TE-30-214		Insert	2	....		189-339L1
149	AW009TB3V03	A875A3V03	Insert	12	....		189-339L1
150	AW009TB3V06	A875A3V06	Insert	12	....		189-339L1
151	MS20426E3-5		Rivet	0.1kg	....		189-339L1
152	MS20426T3-4		Rivet	0.1kg	....		189-339L1
153	MS27039C1-07		Screw	1	....		189-339L1
154	MS27039C1-08		Screw	15	....		189-339L1
155	MS27039C1-09		Screw	4	....		189-339L1
156	MS27039C1-10		Screw	11	....		189-339L1
157	MS27039C1-11		Screw	60	....		189-339L1
158	MS27039C1-12		Screw	17	....		189-339L1
159	NAS1149C0616R		Washer	6	....		189-339L1
160	NAS1149D0316K		Washer	108	....		189-339L1
161	NAS1474A3		Nut plate	13	....		189-339L1
162	**8G2150A04511**		**CONNECTOR P2045A INSTALLATION**	**REF**	**..**		
163	8G9B21A51501	8G9B21A51501A1R	CONNECTOR P2045 C/A (B1A515)	REF	...		-
164	A529A400-2302C17		Cable clamp electrical connector	1	....		189-339L1
165	A556A-T22		Wire	2m	....		189-339L1
166	D38999/26JH55PN		Connector	1	....		189-339L1
167	M39029/58-363		Electrical contact	16	....		189-339L1
168	**8G5310A61711**		**CUSTOMIZATION 49023 STRUCTURAL PROVISION**	**REF**	**..**		
169	8G4390A04931		Blanking plate assy	REF	.		-
170	8G4390A04851		Blanking plate	REF	..	(12)	-
171	A604A00TNC01RC		Dummy connector	1	..		189-339L1
172	MS21042L04		Nut	4	..		189-339L1
173	MS24693-S4		Screw	4	..		189-339L1
174	8G4390A05051		Gasket	1	.		189-339L1
175	A428A3C05		Screw	4	.		189-339L1
176	8G3450A08231		Stowage plate assy	REF	.		-
177	8G3450A08351		Stowage plate	REF	..	(13)	-
178	A604A00TNC01RC		Dummy connector	1	..		189-339L1
179	MS21042L04		Nut	4	..		189-339L1
180	MS24693-S4		Screw	4	..		189-339L1
181	8G3450A06451		Gasket	1	.		189-339L1
182	A428A08C07		Screw	5	.		189-339L1
183	8G5315A53231	8G5315A53231A	GPS bracket assembly	1	.		189-339L1
184	8G5315A53051	8G5315A53051A	GPS support angle	1	.		189-339L1
185	MS27039-1-09		Screw	4	.		189-339L1
186	NAS1149D0316K		Washer	12	.		189-339L1
187	NAS1149D0332J		Washer	4	.		189-339L1
188	MS21042-3	NAS9926-3L	Nut	4	.		189-339L1
189	AW001CL008-CM		Support	1	.		189-339L1

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
190	NAS1832-3-3		Insert	8	.		189-339L1
191	NAS1720H4L3A		Rivet	5	.		189-339L1
192	NAS1802-3-6		Screw	8	.		189-339L1
193	8G2580A00431		Liner aft door section assy LH	1	.		189-339L1
194	8G2580A00531		Liner aft door section assy RH	1	.		189-339L1
195	8G2580A00231		Liner lower transparent section assy LH	1	.		189-339L1
196	8G2580A00331		Liner lower transparent section assy RH	1	.		189-339L1
197	8G2580A01231		Liner overhead section assy LH	1	.		189-339L1
198	8G2580A01331		Liner overhead section assy RH	1	.		189-339L1
199	8G2580A01031		Liner upper windshield section assy LH	1	.		189-339L1
200	8G2580A01131		Liner upper windshield section assy RH	1	.		189-339L1
201	8G2580L34151		Cockpit door battery liner LH	1	.		189-339L1
202	8G2580L34251		Cockpit door battery liner RH	1	.		189-339L1
203	8G2580A42431		Cockpit door window liner assy LH	1	.		189-339L1
204	8G2580A42531		Cockpit door window liner assy RH	1	.		189-339L1
205	AW009TB3C05		Bolt	26	.		189-339L1
206	AW009TB3C04		Bolt	2	.		189-339L1
207	AW009TB3C03		Bolt	4	.		189-339L1
208	**8G3350F00111**		**FLASH LIGHTS INSTALLATION**	**REF**	**.**		189-339L1
209	109-0718-66-103		Torce pocket assy	2	..		189-339L1
210	45012011		Flashlight	2	..		189-339L1
211	**8G2560F00811**		**KIT PILOTS LIFE JACKET**	**REF**	**.**		**-**
212	66601-105		Life jacket	2	..		189-339L1
213	8G2560L00531		Bag life jacket	2	..		189-339L1
214	8G2350AO0055		ICS setting file	1	.	(14)	-
215	8G4620AO1144		Option File for AMMC	1	.	(14)	-
216	8G4630AO1144		Option File for CDS	1	.	(14)	-
217	**4F5320A11911**		**PILOT FACILITIES HANDLE INSTL**	**REF**	**.**		**-**
218	4F5212A03231		Cover assy	4	..		189-339L1
219	4F5212A02751		Handle service FWD	2	..		189-339L1
220	MS27039-1-07		Screw	8	..		189-339L1
221	**8G2350P04611**		**RETROMOD SIDETONE 49023**	**REF**	**.**		**189-339L1**
222	55-06-PHN		Decal	2	..		189-339L1
223	A583A2418C		Stowage cap	2	..		189-339L1

Refer also to IPD for the spares materials required to comply with the AMP DMs referenced in the accomplishment instructions.

PART II

N.A.

PART III

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
224	A561A-T2-T24		Electrical wire	5m	.		189-339L1
225	M39029/56-348		Electrical contact	2	.		189-339L1
226	M39029/58-360		Electrical contact	2	.		189-339L1

PART IV

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
227	A561A-T2-T24		Electrical wire	5m	.		189-339L1
228	M39029/56-348		Electrical contact	14	.		189-339L1
229	M39029/63-368		Electrical contact	2	.		189-339L1

PART V

N.A.

2) CONSUMABLES

The following consumable materials, or equivalent, are necessary to accomplish this Service Bulletin:

#	SPEC./LHD CODE NUMBER	DESCRIPTION	Q.TY	NOTE	PART
230	AWMS05-001 Type 1, Class B, Grade 2	Sealant MC-780 B (C465)	AR	(15)	IV, V
231	MMM-A-132 Type I Class 3 199-05-002 Type II Class 2	Adhesive EA934NA (C057)	AR	(15)	I
232	MMM-A-132, Type II, Class 2 199-05-002 Type I, Class 2	Adhesive EA9309.3NA (C021)	AR	(15)	I
233	199-05-002 Type II, Class 3	Adhesive EA 956 AERO (C193)	AR	(15)	I
234	199-05-107 Type II, Class 5	Adhesive EC776 (C111)	AR	(15)	I
235	Commercial	Sealant Thixoflex Gray TG8498-50 (C347)	AR	(15)	I
236	MIL-S-8784 Class B	Sealant PR-1428 Class B-2 (C617)	AR	(15)	I
237	AWTR033	Glass dry fabric cloth HexForce 20749 1200 (C931)	AR	(15)	I
238	AWMS-24-103 (Formerly was 199-24-103)	Honeycomb (C561)	AR	(15)	I
239	A236A02AB	Edging	AR	(15)	I
240	EE267-02-075B	Tape	AR	(15)	I
241	EN6049-006-16-5	Tubing braided	AR	(15)	I
242	EN6049-006-19-5	Tubing braided	AR	(15)	I
243	AMS-QQ-A-250/4	Plate AL 2024 T3 Th 0.51 mm	500 x 600	(7) (8) (9) (10)	I
244	AMS-QQ-A-250/4	Plate AL 2024 T3 Th 1.8 mm	500 x 600	(12)(13)	I
245	SJ3571	Velcro loop	150	(15)	I
246	SJ3572	Velcro hook	150	(15)	I

Refer also to AMDI for the consumable materials required to comply with the AMP DM referenced in the accomplishment instructions.

3) LOGISTIC MATRIX

In order to apply this Service Bulletin, the following Logistic P/N can be ordered in accordance with the applicable notes:

LOGISTIC P/N	Q.TY (PER HELO)	NOTE	PART
189-339L1	1	-	Part I
8G2350AO0055	1	(14)	Part I
8G4620AO1144	1	(14)	Part I
8G4630AO1144	1	(14)	Part I

NOTE

(1) This item will not be supplied because is composed of existing cable ID 9750-249-S and cable ID 9750-250-22S (Ref. Figure 69 wiring diagram (BECOMES)).

(2) This item will not be supplied and will be reworked from existing FWD floor panel assy P/N 8G5330A17331 (Ref. Figures 40 thru 42).

(3) This item will not be supplied and will be reworked from existing centre floor panel assy P/N 8G5330A17431 (Ref. Figures 43 thru 45).

(4) This item will not be supplied and will be reworked from existing aft floor panel assy P/N 8G5330A17531 (Ref. Figures 46 thru 48).

(5) This item will not be supplied and will be reworked from existing fuel front lateral panel LHS assy P/N 8G5330A27831 (Ref. Figures 7 thru 12).

(6) This item will not be supplied and will be reworked from existing fuel front lateral panel RHS assy P/N 8G5330A27931 (Ref. Figures 7 thru 12).

(7) Doubler lower panel P/N 8G5332P00651 (q.ty 4) must be obtained from raw material aluminum alloy 2024 (AMS-QQ-A-250/4) T3 Th 0.51 mm (Ref. Figure 75).

(8) Doubler lower panel P/N 8G5332A31151 (q.ty 2) must be obtained from raw material aluminum alloy 2024 (AMS-QQ-A-250/4) T3 Th 0.51 mm (Ref. Figure 79).

(9) Packer P/N 8G5332A31051 (q.ty 2) must be obtained from raw material aluminum alloy 2024 (AMS-QQ-A-250/4) T3 Th 0.35 mm (Ref. Figure 76).

(10) Doubler lower panel P/N 8G5332A31651 (q.ty 2) must be obtained from raw material aluminum alloy 2024 (AMS-QQ-A-250/4) T3 Th 0.51 mm (Ref. Figure 77).

(11) Doubler P/N 8G5332P01751 (q.ty 2) must be obtained from raw material aluminum alloy 2024 (AMS-QQ-A-250/4) T3 Th 0.35 mm (Ref. Figure 78).

(12) Blanking plate P/N 8G4390A04851 must be obtained from raw material aluminum alloy 2024 (AMS-QQ-A-250/4) T3 Th 1.8 mm (Ref. Figure 87).

(13) Stowage plate P/N 8G3450A08351 must be obtained from raw material aluminum alloy 2024 (AMS-QQ-A-250/4) T3 Th 1.8 mm (Ref. Figure 86).

(14) This software will not be supplied; it will be available, along with relevant certification document, in “My Software” sub-section of Leonardo AW Customer Portal website https://leonardo.agustawestland.com.

(15) Item to be procured as local supply.

B. SPECIAL TOOLS

Refer to ITEP for the special tools required to comply with the AMP DM referenced in the accomplishment instructions.

C. INDUSTRY SUPPORT INFORMATION

Customization.

3. ACCOMPLISHMENT INSTRUCTIONS

GENERAL NOTES

a) Place an identification tag on all components that are re-usable, including the attaching hardware that has been removed to gain access to the modification area and adequately protect them until their later re-use.

b) Shape the cables in order to prevent interference with the structure and the other existing installations, using where necessary suitable lacing cords and plastic cable tiedown.

c) Exercise extreme care during drilling operations to prevent instruments, cables and hoses damage.

d) After drilling, remove all swarf and sharp edges. Apply on bare metal a light film of primer unless the hole is used for ground connection.

e) During the installation of bonding braids or components requiring grounding, clean the surface structure in order to obtain a good ground contact.

f) Let adhesive cure at room temperature for at least 24 hours unless otherwise specified.

g) Exposed thread surface and nut must be protected using a layer of tectyl according to MIL-C-16173 grade I.

h) All lengths are in mm.

PART I

1. In accordance with AMP DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with AMP DM 89-A-52-13-01-00A-520A-A and with reference to Figure 1, remove the hinged pax door assy LH from the helicopter.
3. In accordance with AMP DM 89-A-52-13-02-00A-520A-A and with reference to Figure 1, remove the hinged pax door assy RH from the helicopter.
4. With reference to Figures 1 thru 4, perform 49023 hinged door retromod P/N 8G5212P01211 as described in the following procedure:

NOTE

After trimming fill opened cells of honeycomb with filler K2 fiber bubbles at 30% with adhesive EA9309.3NA (C021), brake sharp edges with chamfering 1x1 or radius 1÷0.25 mm.

4.1 With reference to Figure 3 Detail B, perform indicated cut-out on the hinged pax door assy.

4.2 With reference to Figure 3, temporarily locate the inspection glass cover LHS P/N 8G5213A15651 or RHS P/N 8G5213A15751 on the hinged pax door assy and countermark position of n°4 insert holes

4.3 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 3 Detail B, drill n°4 holes Ø 14.25 ÷ 14.38 in correspondence of the previously marked positions and install n°4 inserts P/N NAS1832-3-4 by means of adhesive EA934NA (C057) on the hinged pax door assy.

4.4 With reference to Figure 3 Detail B, install the indicator plate P/N 8G5213A15451 by means of clamp P/N NAS1922-0050-3 on the rod assy.

4.5 With reference to Figure 3 Detail C, install the inspection glass cover LHS P/N 8G5213A15651 or RHS P/N 8G5213A15751 by means of n°3 screws P/N AN525-10R8 and screw P/N AN525-10R7 on the hinged pax door assy.

4.6 With reference to Figure 3 Detail C, install the inspection glass P/N 4F5212A03551 on the inspection glass cover.

4.7 With reference to Figure 1 View A, remove the indicated fairings and the cover lower from the hinged pax door assy.

4.8 With reference to Figure 4 Detail D, remove the screw P/N MS27039-0811 and the existing nut and washer. Retain nut and washer for later reuse.

4.9 With reference to Figure 4 Detail D, install the indicator plate P/N 8G5213A15351 by means of the screw P/N MS27039-0812 and the previously removed nut and washer on the central shaft assy.

4.10 With reference to Figure 4 Detail E, install the indicator plate P/N 8G5213A15451 by means of clamp P/N NAS1922-0050-3 on the blocking arm assy.

4.11 With reference to Figure 4 Detail F, install the indicator plate P/N 8G5213A15451 by means of clamp P/N NAS1922-0050-3 on the rod assy.

4.12 With reference to Figure 1 View A, reinstall the indicated fairings and the cover lower on the hinged pax door assy.

4.13 Repeat steps 4.1 thru 4.12 for the other hinged pax door assy.

5. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figures 5 thru 27, remove all external panels, internal panels and internal liners as required to gain access to the area affected by the installation and perform 49023 4TH row retromod installation P/N 8G5330P10311 as described in the following procedure:

5.1 Perform the removal of the aft row seat installation kit P/N 8G2520F01811 as described in the following procedure:

5.1.1 In accordance with AMP DM 89-B-25-29-01-00A-520A-A, remove the following components and relative hardware:

- n°3 seat pan cushions P/N 8G2520V00531 (return to stores);
- n°3 cushion backrests P/N 8G2520V00631 (return to stores);
- n°3 cushion headrests P/N 8G2520V00732 (return to stores);
- n°3 seat pan structure assemblies P/N 8G2520A00931 (retain for later reuse);
- n°6 pins P/N MS17985C509 (retain for later reuse).

5.1.2 In accordance with AMP DM 89-B-25-29-03-00A-520A-A, remove the following components and relative hardware:

- n°3 doublers P/N 8G5330A38351 (part can be discarded);
- n°2 plate assemblies P/N 8G2520A21331 (part can be discarded);
- n°3 restraint strap guide brackets P/N 8G5330A38251 (retain for later reuse);
- n°3 restraint strap guide angles P/N 8G5330A38151 (retain for later reuse).

5.1.3 In accordance with AMP DM 89-B-25-29-04-00A-520A-A, remove and return to stores the following components and relative hardware:

- mounting RH outboard FWD assy P/N 8G5330A45831;
- shim laminated RH outboard P/N 8G2520A20851;
- mounting RH MID FWD assy P/N 8G5330A35831;
- shim laminated RH MID P/N 8G2520A20751;
- mounting RH inboard FWD assy P/N 8G5330A32931;
- shim laminated RH inboard P/N 8G2520A20651;
- mounting LH inboard FWD assy P/N 8G5330A32731;
- shim laminated LH inboard P/N 8G2520A20551;
- mounting LH MID FWD assy P/N 8G5330A32631;
- shim laminated LH MID P/N 8G2520A20451;
- mounting LH outboard FWD assy P/N 8G5330A32331;
- shim laminated LH outboard P/N 8G2520A20351.

5.1.4 In accordance with AMP DM 89-B-25-29-01-00A-520A-A, remove and retain for later reuse the following components:

- n°3 restraint systems P/N 1-10-AS5201BCR;
- n°12 nuts P/N MS21042L3;
- n°12 screws P/N MS24694-S51;
- n°12 washers P/N NAS1149D0316K;

5.2 In accordance with AMP DM 89-A-06-41-00-00A-010A-A, remove and retain for later reuse the following components and relative hardware:

- fuel front lateral panel LHS assy P/N 8G5330A27831;
- fuel front lateral panel RHS assy P/N 8G5330A27931;
- fuel compartment front panel assy P/N 8G5330A27731;
- centre fuel tank panel assy P/N 4F5330A69732;
- fuel tank floor main transverse profile P/N 4F5330A73251.

5.3 With reference to Figures 7 thru 12, rework the fuel front lateral panel LHS assy P/N 8G5330A27831 as described in the following procedure:

5.3.1 In accordance with CSRP DM CSRP-A-51-21-04-00A-650A-D and with reference to Figure 8 View C, prepare indicated areas for bonding.

5.3.2 In accordance with applicable steps of CSRP DM CSRP-A-51-22-07-00A-258A-D and with reference to Figure 9 Detail D and Figure 10 Section F-F, install honeycomb core (C561) by means of adhesive EA9309.3NA (C021).

5.3.3 In accordance with CSRP DM CSRP-A-51-23-00-00A-028A-D and with reference to Figure 10 Detail E and Section F-F, apply n°5 plies of dry fabric cloth soaked with adhesive EA 956 AERO (C193).

5.3.4 With reference to Figure 7 View B, fill n°2 holes by means of adhesive EA9309.3NA (C021).

5.3.5 With reference to Figure 7 View B, temporary locate the doubler P/N 8G5330A38351 and countermark the positions of n°6 insert holes.

5.3.6 With reference to Figure 7 View B and Figure 12 Section H-H, Section J-J and Section K-K, drill n°6 through holes Ø 9.50÷9.60 in the previously marked positions.

5.3.7 In accordance with CSRP DM CSRP-A-51-21-04-00A-650A-D and with reference to Figure 7 View B, prepare indicated areas for bonding according to the doubler P/N 8G5330A38351.

5.3.8 With reference to Figure 7 View B, install doubler P/N 8G5330A38351 by means of adhesive EA9309.3NA (C021).

5.3.9 With reference to Figure 11 View G, perform indicated cut-out of the doubler ring P/N 8G5330A38751.

5.3.10 With reference to Figure 11 View G, install doubler ring P/N 8G5330A38751 by means of adhesive EA9309.3NA (C021).

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

5.3.11 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 12 Section H-H, Section J-J and Section K-K, install n°3 inserts P/N AW007TE-30-213 and n°3 inserts P/N AW007TE-30-214 by means of adhesive EA934NA (C057).

5.3.12 With reference to Figure 7 View B, remark the fuel front lateral panel LHS assy reworked as P/N 8G5330P09931.

5.4 With reference to Figure 18 Detail W, install n°2 setscrews P/N A259A03-05 on the rework fuel front lateral panel LHS assy P/N 8G5330P09931.

NOTE

Before bonding swab degrease contact surfaces.

5.5 With reference to Figure 18 View V, install n°2 velcro pile P/N A305A50B2Y160 by means of adhesive EC776 (C111) according to cushion headrest P/N 8G2520V00731 on the rework fuel front lateral panel LHS assy P/N 8G5330P09931.

NOTE

Before bonding swab degrease contact surfaces.

5.6 With reference to Figure 18 View V, install n°2 velcro hook P/N A305A50B1Y482 by means of adhesive EC776 (C111) according to cushion backrest P/N 8G2520V00631 on the rework fuel front lateral panel LHS assy P/N 8G5330P09931.

5.7 With reference to Figures 7 thru 12, rework the fuel front lateral panel RHS assy P/N 8G5330A27931 as described in the following procedure:

5.7.1 Repeat steps 5.3.1 thru 5.3.11 for the fuel front lateral panel RHS assy.

5.7.2 With reference to Figure 7 View B, remark the fuel front lateral panel RHS assy reworked as P/N 8G5330P10131.

5.8 With reference to Figure 19 Detail Y, install n°2 setscrews P/N A259A03-05 on the rework fuel front lateral panel LHS assy P/N 8G5330P09931.

NOTE

Before bonding swab degrease contact surfaces.

5.9 With reference to Figure 19 View X, install n°2 velcro pile P/N A305A50B2Y160 by means of adhesive EC776 (C111) according to cushion headrest P/N 8G2520V00731 on the rework fuel front lateral panel RHS assy P/N 8G5330P10131.

NOTE

Before bonding swab degrease contact surfaces.

5.10 With reference to Figure 19 View X, install n°2 velcro hook P/N A305A50B1Y482 by means of adhesive EC776 (C111) according to cushion backrest P/N 8G2520V00631 on the rework fuel front lateral panel RHS assy P/N 8G5330P10131.

5.11 With reference to Figures 14 thru 17, rework the centre fuel tank panel assy P/N 4F5330A69732 as described in the following procedure:

NOTE

Ensure all remaining adhesive is removed.

5.11.1 With reference to Figure 14 View M, remove existing velcro pile from the centre fuel tank panel assy.

5.11.2 With reference to Figure 14, temporary locate n°2 doubler P/N 8G5330A38351 and countermark the positions of n°12 insert holes.

5.11.3 With reference to Figures 14, 15 and 16 Section Q-Q and Section R-R, drill n°12 through holes Ø 9.50÷9.60 in the previously marked positions.

5.11.4 In accordance with CSRP DM CSRP-A-51-21-04-00A-650A-D and with reference to Figure 14 Detail T, prepare contact surfaces for bonding according to n°2 doublers P/N 8G5330A38351.

5.11.5 With reference to Figure 14 View M, install n°2 doublers P/N 8G5330A38351 by means of adhesive EA9309.3NA (C021).

5.11.6 With reference to Figure 14 Detail T, install n°6 setscrews P/N A259A03-05 on the centre fuel tank panel assy P/N 4F5330A69732.

5.11.7 In accordance with CSRP DM CSRP-A-51-21-04-00A-650A-D and with reference to Figure 16 Detail N, prepare contact surfaces for bonding according to the doubler rings P/N 8G5330A38751.

5.11.8 With reference to Figure 15 View P, install n°2 doubler ring P/N 8G5330A38751 by means of adhesive EA9309.3NA (C021).

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

5.11.9 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 16 Section Q-Q and Section R-R, install n°10 inserts P/N AW007TE-30-213 and n°2 inserts P/N AW007TE-30-214 by means of adhesive EA934NA (C057).

NOTE

Before bonding swab degrease contact surfaces.

5.12 With reference to Figure 17 View S, install n°4 velcro pile P/N A305A50B2Y160 by means of adhesive EC776 (C111) according to cushion headrests P/N 8G2520V00731 on the centre fuel tank panel assy P/N 4F5330A69732.

NOTE

Before bonding swab degrease contact surfaces.

5.13 With reference to Figure 17 View S, install n°4 velcro hook P/N A305A50B1Y482 by means of adhesive EC776 (C111) according to cushion backrests P/N 8G2520V00631 on the centre fuel tank panel assy P/N 4F5330A69732.

5.14 With reference to Figures 20 thru 22, rework the fuel compartment front panel assy P/N 8G5330A27731 and the fuel tank floor main transverse profile P/N 4F5330A73251 as described in the following procedure:

5.14.1 With reference to Figure 20 Detail AA and Section AC-AC, drill n°6 through holes Ø 4.826÷4.946 according to the mounting RH rear assy P/N 8G5330A34831 on the fuel compartment front panel assy P/N 8G5330A27731 and on the fuel tank floor main transverse profile P/N 4F5330A73251.

5.14.2 With reference to Figure 20 Detail AA and Section AC-AC, install n°6 nut plates P/N NAS1474A3 by means of n°12 rivets P/N MS20426E3-5 in correspondence of previously performed holes on the fuel tank floor main transverse profile P/N 4F5330A73251.

5.14.3 With reference to Figure 21 Detail AD and Section AF-AF, drill n°6 through holes Ø 4.826÷4.946 according to the mounting LH rear assy P/N 8G5330A34631 on the fuel compartment front panel assy P/N 8G5330A27731 and on the fuel tank floor main transverse profile P/N 4F5330A73251.

5.14.4 With reference to Figure 21 Detail AD and Section AF-AF, install n°6 nut plates P/N NAS1474A3 by means of n°12 rivets P/N MS20426E3-5 in correspondence of previously performed holes on the fuel tank floor main transverse profile P/N 4F5330A73251.

5.14.5 With reference to Figure 20 Detail AA, install nut plate P/N NAS1474A3 by means of n°2 rivets P/N MS20426T3-4 in the indicated position on the fuel tank floor main transverse profile P/N 4F5330A73251.

5.14.6 With reference to Figure 20 Detail AA and Section AB-AB, drill n°2 through holes Ø 9.50÷9.60 according to the mounting RH middle FWD assy P/N 8G5330A52031 on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

5.14.7 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 21 Section AB-AB, install n°2 inserts P/N AW007TE-30-117 by means of adhesive EA934NA (C057) on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.8 With reference to Figure 21 Detail AD and Section AE-AE, drill n°2 through holes Ø 9.50÷9.60 according to the mounting LH middle FWD assy P/N 8G5330A33832 on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

5.14.9 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 21 Section AE-AE, install n°2 inserts P/N AW007TE-30-117 by means of adhesive EA934NA (C057) on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.10 With reference to Figure 22 View AG and Section AH-AH, drill a through hole Ø 9.50÷9.60 according to the mounting LH outboard FWD assy P/N 8G5330A33632 on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.11 With reference to Figure 22 View AG and Section AH-AH, drill a through hole Ø 9.50÷9.60 according to the mounting LH middle FWD assy P/N 8G5330A33832 on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.12 With reference to Figure 22 View AG and Section AH-AH, drill a through hole Ø 9.50÷9.60 according to the mounting LH inboard FWD assy P/N 8G5330A34032 on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.13 With reference to Figure 22 View AG and Section AH-AH, drill a through hole Ø 9.50÷9.60 according to the mounting RH inboard FWD assy P/N 8G5330A34432 on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.14 With reference to Figure 22 View AG and Section AH-AH, drill a through hole Ø 9.50÷9.60 according to the mounting RH middle FWD assy P/N 8G5330A52031 on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.15 With reference to Figure 22 View AG and Section AH-AH, drill a through hole Ø 9.50÷9.60 according to the mounting RH outboard FWD assy P/N 8G5330A34232 on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

5.14.16 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 22 Section AH-AH, install n°6 washers P/N NAS1149C0616R and n°6 inserts P/N AW007TE-30-209 by means of adhesive EA934NA (C057) on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.17 With reference to Figure 22 View AS, perform n°8 holes Ø 14.25 ÷ 14.38 in the indicated positions on the fuel compartment front panel assy P/N 8G5330A27731.

5.14.18 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 22 View AS, install n°8 inserts P/N NAS1832-3-4 by means of adhesive EA934NA (C057) on the fuel compartment front panel assy P/N 8G5330A27731.

5.15 In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 13 View L, reinstall the following components by means of previously removed hardware (Ref. step 5.2):

- rework fuel front lateral panel LHS assy P/N 8G5330P09931;
- rework fuel front lateral panel RHS assy P/N 8G5330P10131;
- fuel compartment front panel assy P/N 8G5330A27731;
- centre fuel tank panel assy P/N 4F5330A69732;
- fuel tank floor main transverse profile P/N 4F5330A73251.

NOTE

Adjustment of the seat installation positions in the STA direction can be achieved by using the shim packs contained within the installation. These shim packs shall be used to ensure correct location of the FWD pin and aft spigot.

5.16 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 23 View AJ, install the mounting RH outboard FWD assy P/N 8G5330A34232 and the shim laminated outboard P/N 8G5330A35052 by means of n°2 screws P/N MS27039C1-09, n°3 screws P/N MS27039C1-10, n°4 screws P/N MS27039C1-11, the screw P/N MS27039C1-07 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.17 With reference to Figure 23 View AJ, install n°5 setscrews P/N A259A03-05 in the indicated positions on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

Adjustment of the seat installation positions in the STA direction can be achieved by using the shim packs contained within the installation. These shim packs shall be used to ensure correct location of the FWD pin and aft spigot.

5.18 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 23 View AK, install the mounting RH middle FWD assy P/N 8G5330A52031 and the shim laminated RH middle P/N 8G5330A52251 by means of n°4 screws P/N MS27039C1-08, n°6 screws P/N MS27039C1-12 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.19 With reference to Figure 23 View AK, install n°2 setscrews P/N A259A03-05 in the indicated positions on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

Adjustment of the seat installation positions in the STA direction can be achieved by using the shim packs contained within the installation. These shim packs shall be used to ensure correct location of the FWD pin and aft spigot.

5.20 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 24 View AL, install the mounting RH inboard FWD assy P/N 8G5330A34432 and the shim laminated RH inboard P/N 8G5330A52351 by means of n°3 screws P/N MS27039C1-08, n°2 screws P/N MS27039C1-10, the screw P/N MS27039C1-11 and n°6 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.21 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 24 View AL, install the mounting LH inboard FWD assy P/N 8G5330A34032 and the shim laminated LH inboard P/N 8G5330A35252 by means of n°3 screws P/N MS27039C1-08, n°2 screws P/N MS27039C1-10, the screw P/N MS27039C1-11 and n°6 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.22 With reference to Figure 24 View AL, install n°12 setscrews P/N A259A03-05 in the indicated positions on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

Adjustment of the seat installation positions in the STA direction can be achieved by using the shim packs contained within the installation. These shim packs shall be used to ensure correct location of the FWD pin and aft spigot.

5.23 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 25 View AM, install the mounting LH middle FWD assy P/N 8G5330A33832 and the shim laminated LH middle P/N 8G5330A35152 by means of n°5 screws P/N MS27039C1-08, n°5 screws P/N MS27039C1-12 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.24 With reference to Figure 25 View AM, install n°2 setscrews P/N A259A03-05 in the indicated positions on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

Adjustment of the seat installation positions in the STA direction can be achieved by using the shim packs contained within the installation. These shim packs shall be used to ensure correct location of the FWD pin and aft spigot.

5.25 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 25 View AN, install the mounting LH outboard FWD assy P/N 8G5330A33632 and the shim laminated outboard P/N 8G5330A35052 by means of n°2 screws P/N MS27039C1-09, n°4 screws P/N MS27039C1-10, n°4 screws P/N MS27039C1-11 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.26 With reference to Figure 25 View AN, install n°6 setscrews P/N A259A03-05 in the indicated positions on the fuel compartment front panel assy P/N 8G5330A27731.

5.27 In accordance with AMP DM 89-E-25-29-02-00A-720A-B and with reference to Figure 13 View L, install n°2 restraint systems P/N 1-10-AS5201BCR by means of n°8 screws P/N MS24694-S51, n°8 washers P/N NAS1149D0316K and n°8 nuts P/N MS21042L3 on the mounting RH rear assy P/N 8G5330A34831.

5.28 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 26 View AP, install the mounting RH rear assy P/N 8G5330A34831 by means of n°25 screws P/N MS27039C1-11, n°3 screws P/N MS27039C1-12 and n°28 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.29 In accordance with AMP DM 89-E-25-29-02-00A-720A-B and with reference to Figure 13 View L, install n°2 restraint systems P/N 1-10-AS5201BCR by means of n°8 screws P/N MS24694-S51, n°8 washers P/N NAS1149D0316K and n°8 nuts P/N MS21042L3 on the mounting LH rear assy P/N 8G5330A34631.

5.30 In accordance with AMP DM 89-E-25-29-04-00A-720A-A and with reference to Figure 26 View AQ, install the mounting LH rear assy P/N 8G5330A34631 by means of n°25 screws P/N MS27039C1-11, n°3 screws P/N MS27039C1-12 and n°28 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

5.31 In accordance with AMP DM 89-E-25-29-03-00A-720A-A and with reference to Figure 18 Detail W, install restraint strap guide angle P/N 8G5330A38151 and restraint strap guide bracket P/N 8G5330A38251 by means of n°3 screws P/N AW009TB3V03 and n°3 screws P/N AW009TB3V06 on the rework fuel front lateral panel LHS assy P/N 8G5330P09931.

5.32 In accordance with AMP DM 89-E-25-29-03-00A-720A-A and with reference to Figure 19 Detail Y, install restraint strap guide angle P/N 8G5330A38151 and restraint strap guide bracket P/N 8G5330A38251 by means of n°3 screws P/N AW009TB3V03 and n°3 screws P/N AW009TB3V06 on the rework fuel front lateral panel RHS assy P/N 8G5330P10131.

5.33 In accordance with AMP DM 89-E-25-29-03-00A-720A-A and with reference to Figure 17 Section U-U, install n°2 restraint strap guide angle P/N 8G5330A38151 and n°2 restraint strap guide bracket P/N 8G5330A38251 by means of n°6 screws P/N AW009TB3V03 and n°6 screws P/N AW009TB3V06 on the centre fuel tank panel assy P/N 4F5330A69732.

5.34 In accordance with AMP DM 89-E-25-29-01-00A-720A-A and with reference to Figure 27 View AR, install the following components:

- n°4 seat pan cushions P/N 8G2520V00531;
- n°4 cushion backrests P/N 8G2520V00631;
- n°4 cushion headrests P/N 8G2520V00731;
- n°4 seat pan structure assemblies P/N 8G2520A00931;
- n°8 pins P/N MS17985C509.

6. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 88 thru 90, perform the replacement of GPS TYPE CMA-6024 P/N 100-604076-102 as described in the following procedure:

6.1 In accordance with AMP DM 89-A-34-55-01-00A-520A-A, remove the GPS TYPE CMA-6024 P/N 100-604076-102 with the related hardware. Retain for later re-use.

6.2 With reference to Figure 88 View A, temporarily remove the following components and relative hardware:

- RH lower shelf assy P/N 8G5315A02532;
- FWD floor panel assy RH P/N 8G5340A02031.

6.3 Remove the GPS electrical cable from the current route in the rear avionic bay.

6.4 With reference to Figure 88 View A, route the GPS electrical cables to the GPS TYPE CMA-6024 new position in the rear avionic bay.

6.5 With reference to Figure 89 View B, perform n°4 holes Ø 14.25 ÷ 14.38 in the indicated positions on the RH lower shelf assy P/N 8G5315A02532.

6.6 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 89 View B, install n°4 inserts P/N NAS1832-3-3 by means of adhesive EA934NA (C057) on the RH lower shelf assy P/N 8G5315A02532.

6.7 With reference to Figure 89 View B, install the support P/N AW001CL008-CM by means of adhesive EA9309.3NA (C021) on the RH lower shelf assy P/N 8G5315A02532.

6.8 With reference to Figure 89 View C, perform n°4 holes Ø 14.25 ÷ 14.38 in the indicated positions on the FWD floor panel assy RH P/N 8G5340A02031.

6.9 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 89 View C, install n°4 inserts P/N NAS1832-3-3 by means of adhesive EA934NA (C057) on the FWD floor panel assy RH P/N 8G5340A02031.

6.10 With reference to Figure 88 View A, reinstall the following components by means of relative hardware previously removed (Ref. step 6.1):

- RH lower shelf assy P/N 8G5315A02532;
- FWD floor panel assy RH P/N 8G5340A02031.

6.11 With reference to Figure 88 View A and Figure 89 View D install the GPS support angle P/N 8G5315A53051 by means of n°4 screws P/N NAS1802-3-6 and n°4 washers P/N NAS1149D0316K.

6.12 With reference to Figure 88 View A, Figure 89 View D and View E install the GPS bracket assembly P/N 8G5315A53231 by means of n°4 screws P/N NAS1802-3-6, n°4 washers P/N NAS1149D0316K and n°5 rivets P/N NAS1720H4L3A.

6.13 In accordance with AMP DM 89-A-34-55-01-00B-720A-A and with reference to View A, re-install the GPS TYPE CMA-6024 P/N 100-604076-102 previously removed (Ref step 6.1) by means of n°4 screws P/N MS27039-1-09, n°4 washers P/N NAS1149D0316K, n°4 washers P/N NAS1149D0332J and n°4 nuts P/N MS21042-3.

7. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figures 28 thru 36, remove all external panels, internal panels and internal liners as required to gain access to the area affected by the installation and perform 49023 avionics cabin retromod P/N 8G5310P02811 as described in the following procedure:

NOTE

Remove all equipment required to perform the removal and rework of the avionics bay panels and shelf assemblies.

7.1 With reference to Figure 29 View A, temporarily remove the following components and relative hardware:

- RH upper shelf assy P/N 8G5315A20931;
- RH lower shelf assy P/N 8G5315A02532;
- upper panel assy P/N 8G2810A02731;
- upper FWD baggage bay assy P/N 8G2580A21832;
- FWD floor panel assy RH P/N 8G5340A02031.

7.2 With reference to Figure 30 View B, countermark the positions of n°5 inserts that must be installed on the upper FWD baggage bay assy P/N 8G2580A21832.

7.3 With reference to Figure 30 Section C-C, drill n°5 through holes Ø 4.90÷5.03 in correspondence of previously marked positions.

7.4 With reference to Figure 30 Section C-C, drill n°36 holes Ø 9.50÷9.60 through the upper skin and the honeycomb core of the upper FWD baggage bay assy coordinated with the previously performed holes.

7.5 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 30 Section C-C, install n°5 washers P/N NAS1149D0632J, n°5 washers P/N NAS1149D0663J and n°5 inserts P/N AW007TE-08-106 by means of adhesive EA934NA (C057) on the upper FWD baggage bay assy P/N 8G2580A21832.

7.6 With reference to Figure 31 View D, install n°5 setscrews P/N A259A02C04 in the indicated positions in the inserts of the upper FWD baggage bay assy P/N 8G2580A21832.

7.7 With reference to Figure 32 View E, perform n°4 holes Ø 14.25 ÷ 14.38 in the indicated positions on the upper panel assy P/N 8G2810A02731.

7.8 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 32 View E, install n°4 inserts P/N NAS1832-3-4 by means of adhesive EA934NA (C057) on the upper panel assy P/N 8G2810A02731.

7.9 With reference to Figure 33 View F, perform n°8 holes Ø 14.25 ÷ 14.38 in the indicated positions on the upper side of the RH upper shelf assy P/N 8G5315A20931.

7.10 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 33 View F, install n°3 inserts P/N NAS1832-3-3 and n°5 inserts P/N NAS1832-08-3 by means of adhesive EA934NA (C057) on the upper side of the RH upper shelf assy P/N 8G5315A20931.

7.11 With reference to Figure 34 View G, perform n°6 holes Ø 14.25 ÷ 14.38 in the indicated positions on the lower side of the RH upper shelf assy P/N 8G5315A20931.

7.12 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 34 View G, install n°2 inserts P/N NAS1832-3-3 and n°4 inserts P/N NAS1832-08-3 by means of adhesive EA934NA (C057) on the lower side of the RH upper shelf assy P/N 8G5315A20931.

7.13 With reference to Figure 35 View H, perform n°16 holes Ø 14.25 ÷ 14.38 in the indicated positions on the upper side of the RH upper shelf assy P/N 8G5315A02532.

7.14 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 35 View H, install n°16 inserts P/N NAS1832-3-3 by means of adhesive EA934NA (C057) on the upper side of the RH lower shelf assy P/N 8G5315A02532.

7.15 With reference to Figure 36 View J, perform n°19 holes Ø 14.25 ÷ 14.38 in the indicated positions on the FWD floor panel assy RH P/N 8G5340A02031.

7.16 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 36 View J, install n°16 inserts P/N NAS1832-3-3 and n°3 inserts P/N NAS1832-08-3 by means of adhesive EA934NA (C057) on FWD floor panel assy RH P/N 8G5340A02031.

7.17 With reference to Figure 29 View A, reinstall the following components by means of relative hardware previously removed (Ref. step 7.1):

- RH upper shelf assy P/N 8G5315A20931;
- RH lower shelf assy P/N 8G5315A02532;
- upper panel assy P/N 8G2810A02731;

- upper FWD baggage bay assy P/N 8G2580A21832;
- FWD floor panel assy RH P/N 8G5340A02031.

7.18 Reinstall all equipment previously removed for the removal and rework of the avionics bay panels and shelf assemblies.

8. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 37, remove all external panels, internal panels and internal liners as required to gain access to the area affected by the installation and perform customization 49023 structural provision P/N 8G5310A61711 as described in the following procedure:

8.1 With reference to Figure 37 View A, perform indicated cut-out according to standard 999-010-21-214.

9. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figures 38 thru 56, remove all external panels, internal panels and internal liners as required to gain access to the area affected by the installation and perform 49023 floor panels retromod P/N 8G5310P02711 as described in the following procedure:

9.1 In accordance with applicable steps of AMP DM 89-A-53-11-00-01A-028A-A and with reference to Figure 39 View A, remove the following components and relative fixing hardware:

- seat rail end fitting LHS aft P/N 8G5332A00551;
- seat rail end fitting LHS FWD P/N 8G5332A00451;
- seat rails P/N 8G5332A17051 and P/N 8G5332A17951.

Retain fixing hardware as required, for later reuse.

9.2 In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 39 View A, temporarily remove the following components and relative fixing hardware:

- aft floor panel assy P/N 8G5330A17531;
- centre floor panel assy P/N 8G5330A17431;
- FWD floor panel assy P/N 8G5330A17331.

Retain for later reuse.

9.3 With reference to Figures 40 thru 42, rework the FWD floor panel assy P/N 8G5330A17331 as described in the following procedure:

9.3.1 In accordance with CSRP DM CSRP-A-51-21-04-00A-650A-D and with reference to Figure 40 View B, prepare indicated areas for bonding.

9.3.2 With reference to Figure 40 View B, countermark the positions of n°36 inserts that must be installed and the positions of n°4 screw holes.

9.3.3 With reference to Figure 42 Section D-D and Section E-E, drill n°40 through holes Ø 6.35÷6.50 in correspondence of previously marked positions.

9.3.4 With reference to Figure 42 Section D-D, drill n°36 holes Ø 11.00÷11.10 through the lower skin and the honeycomb core of the FWD floor panel assy coordinated with the previously performed holes.

9.3.5 With reference to Figure 41 View C, position n°4 doubler lower panels P/N 8G5332P00651 on the FWD floor panel assy.

9.3.6 With reference to Figure 40 View B and Figure 41 View C, countermark the positions of n°36 new insert holes (n°9 on each doubler lower panel).

9.3.7 With reference to Figure 42 Section D-D and Figure 75, drill n°36 new insert holes Ø 11.00÷11.10 in correspondence of previously marked positions on the doubler lower panels.

9.3.8 With reference to Figure 41 View C, install n°4 doubler lower panels P/N 8G5332P00651 by means of adhesive EA9309.3NA (C021) and n°64 rivets P/N NAS1720H4L2A on the FWD floor panel assy.

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

9.3.9 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 42 Section D-D, install n°36 washers P/N NAS1149D0732K and n°36 inserts P/N AW007TE-45-125 by means of adhesive EA934NA (C057) on the FWD floor panel assy.

9.3.10 With reference to Figure 41 View C, remark the FWD floor panel assy reworked as P/N 8G5332P00531.

9.4 With reference to Figures 43 thru 45, rework the centre floor panel assy P/N 8G5330A17431 as described in the following procedure:

9.4.1 In accordance with CSRP DM CSRP-A-51-21-04-00A-650A-D and with reference to Figure 43 View F, prepare indicated areas for bonding.

9.4.2 With reference to Figure 43 View F, countermark the positions of n°18 inserts that must be installed and the positions of n°2 screw holes.

9.4.3 With reference to Figure 44 View G, position n°2 packer P/N 8G5332A31051 on the centre floor panel assy.

9.4.4 With reference to Figure 43 View F and Figure 44 View G, countermark the positions of n°18 new insert holes (n°9 holes on each packer).

9.4.5 With reference to Figure 45 Section H-H and Section J-J, drill n°18 new insert holes Ø 11.00÷11.10 in correspondence of previously marked positions on the doubler lower panel.

9.4.6 With reference to Figure 44 View G, install n°2 packer P/N 8G5332A31051 by means of adhesive EA9309.3NA (C021)

9.4.7 With reference to Figure 45 Section H-H, Section J-J and Section K-K, drill n°20 through holes Ø 6.35÷6.50 in correspondence of previously marked positions.

9.4.8 With reference to Figure 45 Section H-H and Section J-J, drill n°18 holes Ø 11.00÷11.10 through the lower skin and the honeycomb core of the centre floor panel assy coordinated with the previously performed holes.

9.4.9 With reference to Figure 44 View G, position n°2 doubler lower panels P/N 8G5332A31151 on the centre floor panel assy.

9.4.10 With reference to Figure 43 View F and Figure 44 View G, countermark the positions of n°18 existing insert holes (n°9 holes on each packer).

9.4.11 With reference to Figure 45 Section H-H and Figure 76, drill n°18 insert holes Ø 23.10 in correspondence of previously marked positions on the doubler lower panel (n°9 holes on each packer).

9.4.12 With reference to Figure 44 View G, position n°2 doubler lower panels P/N 8G5332A31151 on the centre floor panel assy.

9.4.13 With reference to Figure 43 View F and Figure 44 View G, countermark the positions of n°18 new insert holes (n°9 holes on each packer).

9.4.14 With reference to Figure 45 Section H-H and Figure 76, drill n°18 new insert holes Ø 11.00÷11.10 in correspondence of previously marked positions on the doubler lower panel (n°9 holes on each packer).

9.4.15 With reference to Figure 44 View G, install n°2 doubler lower panels P/N 8G5332A31151 by means of adhesive EA9309.3NA (C021) and n°28 rivets P/N NAS1720H4L2A on the centre floor panel assy

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

9.4.16 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 45 Section H-H and Section J-J, install n°18 washers P/N NAS1149D0732K and n°18 inserts P/N AW007TE-45-125 by means of adhesive EA934NA (C057) on the centre floor panel assy.

9.4.17 With reference to Figure 44 View G, remark the centre floor panel assy reworked as P/N 8G5332A16231.

9.5 With reference to Figures 46 thru 48, rework the aft floor panel assy P/N 8G5330A17531 as described in the following procedure:

9.5.1 In accordance with CSRP DM CSRP-A-51-21-04-00A-650A-D and with reference to Figure 46 View L, prepare indicated areas for bonding.

9.5.2 With reference to Figure 46 View L, countermark the positions of n°22 inserts that must be installed and the positions of n°4 screw holes.

9.5.3 With reference to Figure 48 Section P-P, Section Q-Q and Section R-R, drill n°22 through holes Ø 6.35÷6.50 and n°2 through holes Ø 4.826÷4.986 in correspondence of previously marked positions.

9.5.4 With reference to Figure 48 Section P-P, drill n°20 holes Ø 11.00÷11.10 through the lower skin and the honeycomb core of the aft floor panel assy coordinated with the previously performed holes.

9.5.5 With reference to Figure 47 View M, position n°2 doubler lower panels P/N 8G5332A31651 on the aft floor panel assy.

9.5.6 With reference to Figure 46 View L and Figure 47 View M, countermark the positions of n°20 new insert holes (n°10 on each doubler lower panel).

9.5.7 With reference to Figure 48 Section P-P and Figure 79, drill n°20 new insert holes Ø 11.00÷11.10 in correspondence of previously marked positions on the doubler lower panels.

9.5.8 With reference to Figure 47 View M, install n°2 doubler lower panels P/N 8G5332A31651 by means of adhesive EA9309.3NA (C021) and n°38 rivets P/N NAS1720H4L2A on the aft floor panel assy

NOTE

Verify the correct length of inserts during installation. If necessary, it is permitted to install the next dash length of the insert with a laminated shim P/N A864A1151A020 in order to ensure the correct insert installation.

9.5.9 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 48 Section P-P, install n°20 washers P/N NAS1149D0732K and n°20 inserts P/N AW007TE-45-125 by means of adhesive EA934NA (C057) on the aft floor panel assy.

9.5.10 In accordance with applicable steps of CSRP DM CSRP-A-51-43-02-00A-921A-D and with reference to Figure 48 Section Q-Q, install n°2 inserts P/N A407A3C1 by means of adhesive EA9309.3NA (C021) on the aft floor panel assy.

9.5.11 With reference to Figure 47 View M, remark the aft floor panel assy reworked as P/N 8G5332A16331.

9.6 In accordance with applicable steps of CSPP DM CSPP-A-20-40-02-00A-920A-D and with reference to Figure 49 View S, remove anchor nut P/N A900A3E2-02 from the indicated position on the underfloor BL 950 longeron RHS assy P/N 8G5330A16331 or LHS assy P/N 8G5330A16231.

9.7 With reference to Figure 49 View S, enlarge n°2 indicated existing holes up to Ø 7.899÷8.001 on the underfloor BL 950 longeron RHS assy P/N 8G5330A16331 or LHS assy P/N 8G5330A16231.

9.8 In accordance with applicable steps of CSPP DM CSPP-A-20-40-02-00A-920A-D and with reference to Figure 49 View S, install n°2 anchor nuts P/N A900A4E2-02 in correspondence with the previously enlarged holes on the underfloor BL 950 longeron RHS assy P/N 8G5330A16331 or LHS assy P/N 8G5330A16231.

NOTE

If necessary temporarily remove WL 1050 floor side external rear panel RH P/N 8G5330A21831 or LH P/N 8G5330A21431 (Ref. Figure 50 Section V-V).

9.9 With reference to Figure 50 Section T-T, enlarge indicated existing hole up to Ø 4.826÷4.946 on the WL 1050 floor side external rear panel RH P/N 8G5330A21831 or LH P/N 8G5330A21431.

9.10 With reference to Figure 50 Section T-T, enlarge indicated existing hole up to Ø 6.325÷6.426 on the underfloor BL 950 longeron RHS assy P/N 8G5330A16331 or LHS assy P/N 8G5330A16231.

9.11 In accordance with applicable steps of CSPP DM CSPP-A-20-40-02-00A-920A-D and with reference to Figure 50 Section T-T, install the anchor nut P/N A900A3E2-02 in correspondence with the previously enlarged hole on the underfloor BL 950 longeron RHS assy P/N 8G5330A16331 or LHS assy P/N 8G5330A16231.

9.12 With reference to Figure 50 Section U-U, temporarily remove connector plate P/N 4F5334A00651 or P/N 4F5334A00351 and relative hardware. Retain for later reuse.

9.13 With reference to Figure 50 Section U-U, enlarge indicated existing hole up to Ø 6.350÷6.500 on the connector plate P/N 4F5334A00651 or P/N 4F5334A00351.

9.14 With reference to Figure 50 Section U-U, remove anchor nut P/N A389A3C2PF from the indicated position on the underfloor BL 275 longeron RHS assy P/N 8G5330A16931 or LHS assy P/N 8G5330A16831.

9.15 With reference to Figure 50 Section U-U, enlarge indicated existing hole up to Ø 6.502÷6.655 on the underfloor BL 275 longeron RHS assy P/N 8G5330A16931 or LHS assy P/N 8G5330A16831.

9.16 With reference to Figure 50 Section U-U, install anchor nut P/N NAS1474A4 by means of n°2 rivets P/N MS20426AD3-4 in correspondence with the previously enlarged hole on the underfloor BL 275 longeron RHS assy P/N 8G5330A16931 or LHS assy P/N 8G5330A16831.

9.17 With reference to Figure 50 Section U-U, reinstall connector plate P/N 4F5334A00651 or P/N 4F5334A00351 by means of relative hardware previously removed (Ref. step 9.12).

9.18 With reference to Figure 50 Section V-V, enlarge indicated existing hole up to Ø 7.899÷8.001 on the underfloor BL 275 longeron RHS assy P/N 8G5330A16931 or LHS assy P/N 8G5330A16831.

9.19 In accordance with applicable steps of CSPP DM CSPP-A-20-40-02-00A-920A-D and with reference to Figure 50 Section V-V, install the anchor nut P/N A900A4E2-02 in correspondence with the previously enlarged hole on the underfloor BL 275 longeron RHS assy P/N 8G5330A16931 or LHS assy P/N 8G5330A16831

9.20 Repeat steps 9.6 thru 9.19 for the opposite side of the helicopter.

9.21 With reference to Figure 51 View W, remove n°2 anchor nuts P/N A900A4E2-02 from the indicated position on the aft angle assy P/N 8G5331A49931.

9.22 With reference to Figure 51 View W and Section X-X, install n°2 anchor nuts P/N A900A4E2-02 on the indicated position on the aft angle assy P/N 8G5331A49931.

9.23 With reference to Figure 51 Section Y-Y, drill n°2 through holes Ø 4.826-4.986.

9.24 With reference to Figure 51 Section Y-Y, drill n°2 holes Ø 9.50÷9.60 through the lower skin and the honeycomb core coordinated with the previously performed holes.

9.25 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 51 Section Y-Y, install n°2 inserts P/N AW007TE-30-108 by means of adhesive EA934NA (C057).

10. In accordance with AMP DM 89-A-97-51-03-00A-520A-A, remove video camera amplifier (A349) from the helicopter.

11. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figures 57 thru 65, remove all external panels, internal panels and internal liners as required to gain access to the area affected by the installation and perform customization 49023 C/A installation P/N 8G4600A03211 as described in the following procedure:

11.1 With reference to Figure 70 wiring diagram (WAS), disconnect and stow the electrical connections indicated between sectioning connector J118 and passenger speaker amplifier connector A22P50.

NOTE

Reuse existing cable ID 9750-249-S and cable ID 9750-250-22S.

11.2 With reference to Figure 69 wiring diagram (WAS), disconnect and stow the electrical connections indicated.

NOTE

Use edging P/N A236A on metallic edges which can damage cable assemblies and where abrasion may occur.

Use braided tubing P/N EN6049-003 and/or P/N EN6049-006 where cable assemblies chafing or contact with structure may occur.

Secure the cables by means of existing hardware. If necessary replace existing clamps with suitable clamps.

11.3 With reference to Figures 63 thru 65 and Figures 70 and 71 wiring diagrams, assemble Customization 49023 cable assy P/N 8G9B22A33501 (B2A335) as described in the following procedure:

11.3.1 With reference to Figure 70 wiring diagram, cut n°1 wire P/N A556A-T22 of adequate length and lay down between sectioning connector J2075 (connector P/N D38999/20MC35SN, backshell P/N A529A400-1303C) and sectioning connector P205 following the existing route.

11.3.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, perform electrical connections between sectioning connectors P205 and J2075.

11.3.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, mark wire as 4600-630-22S by means of marker sleeve.

11.3.4 With reference to Figure 70 and 71 wiring diagrams, cut n°3 wire P/N A561A-T2-22 of adequate length and lay down between sectioning connector J2075 (connector P/N D38999/20MC35SN, backshell P/N A529A400-1303C) and sectioning connector P205 following the existing route.

11.3.5 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, perform electrical connections between sectioning connectors P205 and J2075.

11.3.6 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, mark wires as 4600-631-22S, 4600-634-22S and 4600-635-22S by means of marker sleeve.

11.4 With reference to Figures 62, 63 and Figures 70, 71 wiring diagrams, assemble Customization 49023 cable assy (B2B296) as described in the following procedure:

11.4.1 With reference to Figure 71 wiring diagram, cut n°2 wire P/N A561A-T2-22 of adequate length and lay down between sectioning connector J205 and passenger speaker amplifier connector A22P50 following the existing route.

11.4.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 71 wiring diagram, perform electrical connections between sectioning connectors J205 and passenger speaker amplifier connector A22P50.

11.4.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, mark wires as 4600-632-22S and 4600-633-22S by means of marker sleeve.

11.4.4 With reference to Figure 70 wiring diagram, cut n°1 wire P/N A561A-T2-22 of adequate length and lay down between sectioning connector J118 and splices SP2218 (P/N M1824/1-1) and SP2224 (P/N M1824/1-1) following the existing route.

11.4.5 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, perform electrical connections between sectioning connectors J118 and splices SP2218 and SP2224.

11.4.6 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, mark wire as 4600-626-22S by means of marker sleeve.

11.4.7 With reference to Figure 70 wiring diagram, cut n°1 wire P/N A561A-T2-22 of adequate length and lay down between sectioning connector J205 and splices SP2218 (P/N M1824/1-1) and SP2224 (P/N M1824/1-1) following the existing route.

11.4.8 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, perform electrical connections between sectioning connectors J205 and splices SP2218 and SP2224.

11.4.9 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, mark wire as 4600-629-22S by means of marker sleeve.

11.4.10 With reference to Figure 70 wiring diagram, cut n°1 wire P/N A561A-T2-22 of adequate length and lay down between passenger speaker amplifier connector A22P50 and splices SP2218 (P/N M1824/1-1) and SP2224 (P/N M1824/1-1) following the existing route.

11.4.11 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, perform electrical connections between passenger speaker amplifier connector A22P50 and splices SP2218 and SP2224.

11.4.12 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, mark wire as 4600-627-22S by means of marker sleeve.

11.4.13 With reference to Figure 70 wiring diagram, cut n°1 wire P/N A556A-T22 of adequate length and lay down between passenger speaker amplifier connector A22P50 and sectioning connector J205 following the existing route.

11.4.14 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, perform electrical connections between passenger speaker amplifier connector A22P50 and sectioning connector J205.

11.4.15 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 70 wiring diagram, mark wire as 4600-628-22S by means of marker sleeve.

11.5 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to Figure 61 View G and Figure 69 wiring diagram, crimp on wire ID 9750-250-22S (PS24 side) the terminal lug P/N MS25036-102 by means of proper crimping tool.

11.6 With reference to Figures 58 thru 61 and Figure 69 wiring diagram, perform the electrical connections of C/A C2A282 between power supply connector PS24P2 and tee adaptor connector CP5P1.

11.7 With reference to Figure 65 View N, install sectioning connector J2075 by means of the connector mounting device P/N M85049/95-14A-A, n°4 screws P/N NAS1802-04-7 and n°4 washers P/N NAS1149DN416J.

11.8 In accordance with AMP DM 89-A-11-00-01-00A-720A-A and with reference to Figure 65 View N, install decal P/N ED300J2075 in an area adjacent to previously installed sectioning connector.

11.9 Perform a pin-to-pin continuity check of all the electrical connections made.

NOTE

Connector P2045A must be installed when STC interface is not connect and remove it before connect STC interface.

12. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 66, remove all external panels, internal panels and internal liners as required to gain access to the area affected by the installation and perform connector P2045A installation P/N 8G2150A04511 as described in the following procedure:

    12.1 With reference to Figure 66 and Figure 72 wiring diagram, assemble Connector P2045 cable assy P/N 8G9B21A51501 (B1A515) as described in the following procedure:

        12.1.1 With reference to Figure 72 wiring diagram, cut n°8 wire P/N A556A-T22 of adequate length.

        12.1.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A and with reference to table on Figure 80 and Figure 72 wiring diagram, crimp on wires n°16 electrical contacts P/N M39029/58-363 by means of proper crimping tool. Perform the electrical connection of sectioning connector P2045A (connector P/N D38999/26JH55PN, backshell P/N A529A400-2302C17).

        12.1.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A and with reference to table on Figure 80 and Figure 72 wiring diagram, mark wires as 2150-1334-22G, 2150-1335-22G, 2150-1336-22G, 2150-1337-22G, 2150-1338-22G, 2150-1339-22G, 2150-1340-22G and 2150-1341-22G by means of marker sleeve.

    12.2 With reference to Figure 66 and Figure 72 wiring diagram, connect the connector P2045A of the connector P2045 C/A (B1A515) P/N 8G9B21A51501 to the connector J2045 as required.

13. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figures 38 thru 56, continue to perform 49023 floor panels retromod P/N 8G5310P02711 as described in the following procedure:

NOTE

Where indicated install n°4 bolts P/N AW009TB3C04 instead of n°4 screws P/N AN525 (Ref. Figure 53 View AD, Figure 54 View AE, Figure 55 View AF and Figure 56 View AG).

13.1 In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 52 View Z, install the following components by means of relative fixing hardware previously removed (Ref. step 9.2):

- aft floor panel assy P/N 8G5332P01131;
- centre floor panel assy P/N 8G5332A16231;
- FWD floor panel assy P/N 8G5332A16331.

13.2 With reference to Figure 52 View AC, install n°20 setscrews P/N A259A04-06 in the indicated positions on the FWD floor panel assy P/N 8G5332P00531.

13.3 With reference to Figure 53 View AD, install the seat rail FWD P/N 8G5332A30351 and the seat rail FWD 2 RH P/N 8G5332A30551 by means of n°20 screws P/N MS24694-S99 on the FWD floor panel assy P/N 8G5332P00531.

13.4 With reference to Figure 53 View AD, install n°2 doublers P/N 8G5332P01751 by means of adhesive EA9309.3NA (C021) and n°8 rivets NAS1720H4L2A on the WL 1050 FWD outboard floor panel assy RH.

13.5 With reference to Figure 53 View AD, install the end rail P/N 8G5332A16651 by means of n°2 screws P/N MS24694-S95 on the WL 1050 FWD outboard floor panel assy RH.

13.6 With reference to Figure 53 View AD, install the end rail P/N 8G5332A16651 by means of n°2 screws P/N MS24694-S96 on the WL 1050 FWD outboard floor panel assy RH.

13.7 With reference to Figure 53 View AD, apply a fillet seal around the periphery of the seat rails and end rails previously installed, at step 13.3, 13.4 and 13.5, using sealant Thixoflex Gray TG8498-50 (C347) or sealant PR-1428 Class B-2 (C617).

13.8 With reference to Figure 54 View AE, install n°24 setscrews P/N A259A04-06 in the indicated positions on the FWD floor panel assy P/N 8G5332P00531.

13.9 With reference to Figure 54 View AE, install the seat rail FWD P/N 8G5332A30351 and the seat rail FWD 2 RH P/N 8G5332A30451 by means of n°20 screws P/N MS24694-S99 on the FWD floor panel assy P/N 8G5332P00531.

13.10 With reference to Figure 54 View AE, install the end rail FWD LH P/N 8G5332A16451 by means of n°3 screws P/N MS24694-S53.

13.11 With reference to Figure 54 View AE, install the end plate LH P/N 8G5332A16551 by means of n°4 screws P/N MS24694-S54.

13.12 With reference to Figure 54 View AE, install the screw P/N MS27039C1-08 and the washer P/N NAS1149C0316R.

13.13 With reference to Figure 54 View AE, install n°4 screws P/N AN525-10R6.

13.14 With reference to Figure 54 View AE, install n°3 screws P/N MS27039C1-07 and n°3 washers P/N NAS1149C0316R.

13.15 With reference to Figure 54 View AE, apply a fillet seal around the periphery of the seat rails and end rail fittings previously installed, at step 13.9, 13.10 and 13.11, using sealant Thixoflex Gray TG8498-50 (C347) or sealant PR-1428 Class B-2 (C617).

13.16 With reference to Figure 55 View AF, install the seat rail aft 1 RH P/N 8G5332A30751 by means of n°9 screws P/N MS24694-S99, screw P/N MS24694-S101 on the centre floor panel assy P/N 8G5332A16231.

13.17 With reference to Figure 55 View AF, install the seat rail aft 2 P/N 8G5332A30851 by means of n°9 screws P/N MS24694-S99, screw P/N MS24694-S102 on the aft floor panel assy P/N 8G5332A16331.

13.18 With reference to Figure 55 View AF, install the end rail aft 1 P/N 8G5332A16751 by means of n°2 screws P/N MS24694-S55 on the aft floor panel assy P/N 8G5332A16331 and on the WL 1050 floor side external rear panel RH.

13.19 With reference to Figure 55 View AF, install the end rail aft 2 P/N 8G5332A16851 by means of the screw P/N MS24694-S99 and the screw P/N MS24694-S55 on the aft floor panel assy P/N 8G5332A16331 and on the WL 1050 floor side external rear panel RH.

13.20 With reference to Figure 55 View AF, apply a fillet seal around the periphery of the seat rails, end rail and end rail fitting previously installed, at step 13.16 thru 13.19, using sealant Thixoflex Gray TG8498-50 (C347) or sealant PR-1428 Class B-2 (C617).

13.21 With reference to Figure 56 View AG, install the seat rail aft 1 RH P/N 8G5332A30751 by means of n°9 screws P/N MS24694-S99, screw P/N MS24694-S101 on the centre floor panel assy P/N 8G5332A16231.

13.22 With reference to Figure 56 View AG, install the seat rail aft 2 P/N 8G5332A30851 by means of n°9 screws P/N MS24694-S99, screw P/N MS24694-S102 on the aft floor panel assy P/N 8G5332A16331.

13.23 With reference to Figure 56 View AG, install the end rail aft 1 P/N 8G5332A16751 by means of the screw P/N MS24694-S99 and the screw P/N MS24694-S55 on the aft floor panel assy P/N 8G5332A16331and on the WL 1050 floor side external rear panel LH.

13.24 With reference to Figure 56 View AG, install the end rail aft 2 P/N 8G5332A16851 by means of the screw P/N MS24694-S99 and the screw P/N MS24694-S55 on the aft floor panel assy P/N 8G5332A16331 and on the WL 1050 floor side external rear panel RH.

13.25 With reference to Figure 56 View AG, apply a fillet seal around the periphery of the seat rails, end rail and end rail fitting previously installed, at step 13.21 thru 13.24, using sealant Thixoflex Gray TG8498-50 (C347) or sealant PR-1428 Class B-2 (C617).

14. With reference to Figures 94 thru 97 wiring diagrams (WAS), remove or disconnect and stow the indicated electrical connections.
15. With reference to Figures 94 thru 97 wiring diagrams (BECOMES), perform the indicated electrical connections.
16. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figures 98 thru 100, perform the retromod sidetone 49023 P/N 8G2350P04611 as described in the following procedure:

16.1 With reference to Figure 99, disconnect the electrical connections of the wire ID 1430 from pin 7 and pin 24 of the AMU 50 connector A57P101.

16.2 With reference to Figure 99, perform the electrical connections of the wire ID 1430 to pin 8 and pin 25 of the AMU 50 connector A57P103.

16.3 With reference to Figure 100, disconnect the electrical connections of the wire ID 1100 from pin 8 and pin 25 of the AMU 50 connector A57P103. Install n°2 stowage cap P/N A583A2418C (CE2350-006 and CE2350-007).

16.4 With reference to Figure 98, install n°2 decals P/N 55-06-PHN on the PLT/CPLT audio control panels P/N 8G2350A02731 in the interseat console.

17. Perform the liner cockpit installation as described in the following procedure:

17.1 In accordance with AMP DM 89-A-25-81-01-00A-720A-A, install the FWD left ceiling liner P/N 8G2580A01231.

17.2 In accordance with AMP DM 89-A-25-81-02-00A-720A-A, install the FWD upper left liner P/N 8G2580A01031.

17.3 With reference to Figure 91, rework the FWD lower left liner P/N 8G2580A00231 as shown in figure using the applicable drilling jig.

17.4 In accordance with AMP DM 89-A-25-81-03-00A-720A-A, install the FWD lower left liner P/N 8G2580A00231.

17.5 In accordance with AMP DM 89-A-25-81-04-00A-720A-A, install the aft upper left liner P/N 8G2580A00431.

17.6 In accordance with AMP DM 89-A-52-63-01-00A-720A-A, install the left cockpit handle P/N 4F5212A02751.

17.7 In accordance with AMP DM 89-A-25-81-05-00A-720A-A, install the FWD right ceiling liner P/N 8G2580A01331.

17.8 In accordance with AMP DM 89-A-25-81-06-00A-720A-A, install the FWD upper right liner P/N 8G2580A01131.

17.9 With reference to Figure 91, rework the FWD lower right liner P/N 8G2580A00331 as shown in figure using the applicable drilling jig.

17.10 In accordance with AMP DM 89-A-25-81-07-00A-720A-A, install the FWD lower right liner P/N 8G2580A00331.

17.11 In accordance with AMP DM 89-A-25-81-08-00A-720A-A, install the aft upper right liner P/N 8G2580A00431.

17.12 In accordance with AMP DM 89-A-52-63-02-00A-720A-A, install the right cockpit handle P/N 4F5212A02751.

18. In accordance with AMP DM 89-A-25-84-01-00B-720A-A, install the cockpit door battery liner LH P/N 8G2580L34151 and the cockpit door window liner assy LH P/N 8G2580A42431 on the left cockpit door.

19. In accordance with AMP DM 89-A-25-84-02-00B-720A-A, install the cockpit door battery liner RH P/N 8G2580L34251 and the cockpit door window liner assy RH P/N 8G2580A42531 on the right cockpit door.

20. With reference to Figure 92, perform the installation of kit flash lights P/N 8G3350F00111 as described in the following procedure:

20.1 With reference to Figure 92, install a piece of velcro loop P/N SJ3571 on the LH cockpit liner.

20.2 With reference to Figure 92, install a piece of velcro hook P/N SJ3572 on the rear side of the pocket assy P/N 109-0718-66-103.

20.3 With reference to Figure 92, install the pocket assy P/N 109-0718-66-103 and the flashlight P/N 45012011.

20.4 Repeat Steps 20.1 thru 20.3 for the RH side.

21. With reference to Figure 93, perform the installation of kit pilots life jacket P/N 8G2560F00811 as described in the following procedure:

21.1 In accordance with applicable steps of AMP DM 89-A-25-66-01-02A-720A-A and with reference to Figure 93, install the life jacket bag P/N 8G2560L00531 on the LH cockpit liner.

21.2 In accordance with applicable steps of AMP DM 89-A-25-66-01-02A-720A-A and with reference to Figure 93, install the life jacket bag P/N 8G2560L00531 on the RH cockpit liner.

21.3 In accordance with applicable steps of AMP DM 89-A-25-66-01-01A-920A-A and with reference to Figure 93, install the life jackets P/N 66601-105 on the life jacket bag P/N 8G2560L00531 of the left side.

21.4 In accordance with applicable steps of AMP DM 89-A-25-66-01-01A-920A-A and with reference to Figure 93, install the life jackets P/N 66601-105 on the life jacket bag P/N 8G2560L00531 of the right side.

22. In accordance with applicable steps of the AMP DM 89-A-46-21-00-00A-750A-A, perform the upload of the AMMC option file P/N 8G4620AO1144.
23. In accordance with applicable steps of the AMP DM 89-A-46-31-00-00A-750A-A, perform the upload of the CDS option file P/N 8G4630AO1144.
24. In accordance with the applicable steps of AMP DM 89-A-23-51-00-00A-752A-A,perform the upload of the ICS setting file P/N 8G2350AO0055. Verify that the CRC is 0xF4E25E54.
25. In accordance with AMP DM 89-A-06-41-00-00A-010A-A, reinstall all external panels, internal panels and internal liners previously removed.
26. In accordance with AMP DM 89-A-52-13-01-00A-720A-A and with reference to Figure 1, install the hinged pax door assy LH on the helicopter.
27. In accordance with AMP DM 89-A-52-13-02-00A-720A-A and with reference to Figure 1, install the hinged pax door assy RH on the helicopter.
28. In accordance with weight and balance changes, update the Chart A (see Rotorcraft Flight Manual, Part II, section 6).
29. Return the helicopter to flight configuration and record for compliance with Part I of this Service Bulletin on the helicopter logbook.
30. Send the attached compliance form to the following mail box:

    engineering.support.lhd@leonardo.com

    As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

PART II

1. In accordance with AMP DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with the applicable steps of AMP DM 89-A-16-11-00-12A-028A-A, perform the removal of components of the air purification system kit P/N 8G2170F00111.
3. With reference to Figure 74 wiring diagram (WAS), disconnect and stow the electrical connections from pin "d" of the sectioning connector J295 and from pin "2" of the sectioning connector J117. Stow ionization controller 1 connector A271P1 as required.
4. With reference to Figure 73 wiring diagram (WAS), disconnect and stow the electrical connections from pin "1B" of the terminal board TB2036 and from pin "6" of the sectioning connector J102. Stow ionization controller 2 connector A270P1 as required.
5. In accordance with the applicable steps of AMP DM 89-A-16-11-00-12A-028A-A, update the Chart A (see Rotorcraft Flight Manual, Part II, section 6).
6. Return the helicopter to flight configuration and record for compliance with Part II of this Service Bulletin on the helicopter logbook.
7. Send the attached compliance form to the following mail box:

   engineering.support.lhd@leonardo.com

   As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the "Service Bulletin Application Communication".

PART III

1. In accordance with AMP DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with AMP DM 89-A-34-58-01-00A-520A-A, remove the number 2 ATC XPDR transceiver (A340) and relative fixing hardware from the helicopter. Stow number 2 ATC XPDR transceiver connectors A340P1 and A340P2 as required.
3. In accordance with AMP DM 89-A-34-58-02-00A-520A-A, remove the number 2 ATC XPDR transceiver mounting tray and relative fixing hardware from the helicopter. Stow the socket boards A340P1, A340P2 and the two bonding cables as required.
4. With reference to Figure 83 wiring diagram (WAS), disconnect and stow the electrical connections of the wire ID “1219” from pin “13” and pin “14” of the sectioning connector P107.
5. With reference to Figure 83 wiring diagram (BECOMES), assemble the wire ID “160” as described in the following procedure:
   5.1 Cut n°1 wire P/N A561A-T2-T24 of adequate length and lay down between sectioning connector P107 and TB106 connector TB106P1 following the existing route.
   5.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A, crimp on wire n°2 electrical contacts P/N M39029/58-360 (P107 side) and n°2 electrical contacts P/N M39029/56-348 (TB106P1 side) by means of proper crimping tool.
   5.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A, mark wire as ID “160” by means of marker sleeve.
6. With reference to Figure 83 wiring diagram (BECOMES), perform the electrical connections between pin “13” and pin “14” of the sectioning connector P107 and pin “60” and pin “72” of the TB106 connector TB106P1.
7. With reference to Figure 84 wiring diagram, disconnect, protect and stow the K294 relay connector K294-NO (wire ID “1239”) and the K296 relay connector K296-NO (wire ID “1240”).
8. With reference to Figure 84 wiring diagram, disconnect and stow the electrical connections of the wires ID “1257” and ID “1264” from the K294 relay.
9. With reference to Figure 84 wiring diagram, disconnect and stow the electrical connections of the wires ID “1259” and ID “1260” from the K296 relay.
10. With reference to Figure 85 wiring diagram (WAS), disconnect and stow the electrical connection of the wire ID “1265” from splice SP1337.
11. With reference to Figure 85 wiring diagram (WAS), disconnect and stow the electrical connection from pin “K6” of the TCAS connector A99.

12. With reference to Figure 85 wiring diagram (BECOMES), remove from stowage the wire ID “422” and perform the electrical connection between the pin “K6” of the TCAS connector A99 and splice SP1337.
13. In accordance with weight and balance changes, update the Chart A (see Rotorcraft Flight Manual, Part II, section 6).
14. Return the helicopter to flight configuration and record for compliance with Part III of this Service Bulletin on the helicopter logbook.
15. Send the attached compliance form to the following mail box:

    engineering.support.lhd@leonardo.com

    As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

PART IV

1. In accordance with AMP DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with AMP DM 89-A-34-59-01-00A-520A-A, remove the number 2 DME transceiver (A125) and relative fixing hardware from the helicopter. Stow the number 2 DME transceiver connector A125ANT as required.
3. In accordance with AMP DM 89-A-34-59-02-00A-520A-A, remove the number 2 DME transceiver mounting tray and relative fixing hardware from the helicopter. Stow the socket board A125P1 as required.
4. In accordance with AMP DM 89-A-34-59-03-00A-520A-A, remove the number 2 DME antenna (E54) and relative fixing hardware from the helicopter.
5. With reference to Figure 86, assemble the stowage plate assy P/N 8G3450A08231 as required.
6. With reference to Figure 67 View A, install the stowage plate assy P/N 8G3450A08231 and the gasket P/N 8G3450A06451 by means of n°5 screws P/N A428A08C07. Stow the number 2 DME antenna connector E54P1 as required.
7. With reference to Figure 67 View A, apply a fillet seal around the periphery of the blanking plate assy using sealant MC-780 B.
8. With reference to Figure 81 wiring diagram (WAS), disconnect and stow the electrical connections of the wire ID “1139” from pin “6” and pin “23” of the AMU 50 connector A57.
9. With reference to Figure 81 wiring diagram (BECOMES), assemble the wire ID “109” as described in the following procedure:
   - 9.1 Cut n°1 wire P/N A561A-T2-T24 of adequate length and lay down between sectioning connector J107 and AMU 50 connector A57P103 following the existing route.
   - 9.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A, crimp on wire n°2 electrical contacts P/N M39029/56-348 (J107 side) and n°2 electrical contacts P/N M39029/63-368 (A57P103 side) by means of proper crimping tool.
   - 9.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A, mark wire as ID “109” by means of marker sleeve.
10. With reference to Figure 81 wiring diagram (BECOMES), perform the electrical connections between pin “107” and pin “108” of the sectioning connector J107 and pin “6” and pin “23” of the AMU 50 connector A57P103.
11. With reference to Figure 82 wiring diagram (WAS), disconnect and stow the electrical connections of the wire ID “1152” from pin “121” and pin “128” of the AMMC 1 connector A1P5.

12. With reference to Figure 82 wiring diagram (WAS), disconnect and stow the electrical connections of the wire ID “1149” from pin “76” and pin “87” of the PFD CPLT connector A31P3.
13. With reference to Figure 82 wiring diagram (WAS), disconnect and stow the electrical connections of the wire ID “1151” from pin “76” and pin “87” of the MFD PLT connector A42P3.
14. With reference to Figure 82 wiring diagram (BECOMES), assemble the wire ID “124” as described in the following procedure:
    14.1 Cut n°1 wire P/N A561A-T2-T24 of adequate length and lay down between AMMC 1 connector A1P5 and TB106 connector TB106P1 following the existing route.
    14.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A, crimp on wire n°2 electrical contacts P/N M39029/56-348 (A1P5 side) and n°2 electrical contacts P/N M39029/56-348 (TB106P1 side) by means of proper crimping tool.
    14.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A, mark wire as ID “124” by means of marker sleeve.
15. With reference to Figure 82 wiring diagram (BECOMES), perform the electrical connections between pin “128” and pin “121” of the AMMC 1 connector A1P5 and pin “41” and pin “53” of the TB106 connector TB106P1.
16. With reference to Figure 82 wiring diagram (BECOMES), assemble the wire ID “117” as described in the following procedure:
    16.1 Cut n°1 wire P/N A561A-T2-T24 of adequate length and lay down between PFD CPLT connector A31P3 and TB106 connector TB106P1 following the existing route.
    16.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A, crimp on wire n°2 electrical contacts P/N M39029/56-348 (A31P3 side) and n°2 electrical contacts P/N M39029/56-348 (TB106P1 side) by means of proper crimping tool.
    16.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A, mark wire as ID “117” by means of marker sleeve.
17. With reference to Figure 82 wiring diagram (BECOMES), perform the electrical connections between pin “76” and pin “87” of the PFD CPLT connector A31P3 and pin “16” and pin “26” of the TB106 connector TB106P1.
18. With reference to Figure 82 wiring diagram (BECOMES), assemble the wire ID “120” as described in the following procedure:
    18.1 Cut n°1 wire P/N A561A-T2-T24 of adequate length and lay down between MFD PLT connector A42P3 and TB106 connector TB106P1 following the existing route.

18.2 In accordance with AMP DM 89-A-20-10-03-00A-010A-A, crimp on wire n°2 electrical contacts P/N M39029/56-348 (A42P3 side) and n°2 electrical contacts P/N M39029/56-348 (TB106P1 side) by means of proper crimping tool.

18.3 In accordance with AMP DM 89-A-20-10-06-04A-720A-A, mark wire as ID “120” by means of marker sleeve.

19. With reference to Figure 82 wiring diagram (BECOMES), perform the electrical connections between pin “76” and pin “87” of the MFD PLT connector A42P3 and pin “18” and pin “28” of the TB106 connector TB106P1.
20. In accordance with weight and balance changes, update the Chart A (see Rotorcraft Flight Manual, Part II, section 6).
21. Return the helicopter to flight configuration and record for compliance with Part IV of this Service Bulletin on the helicopter logbook.
22. Send the attached compliance form to the following mail box:

    engineering.support.lhd@leonardo.com

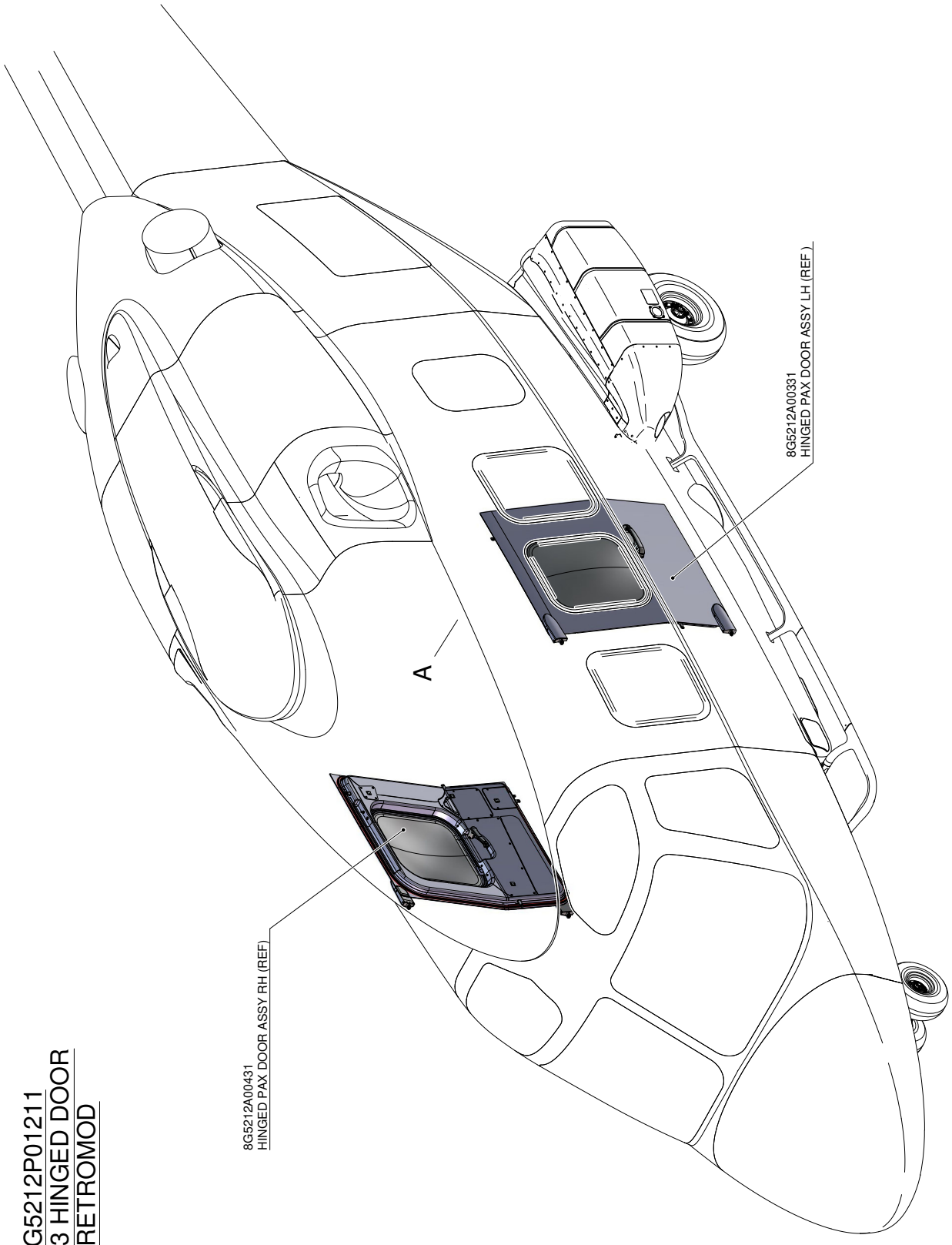
    As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

PART V

1. In accordance with AMP DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with AMP DM 89-A-23-19-01-00A-520A-A, remove the radio interface unit (A129) and relative fixing hardware from the helicopter. Stow the radio interface unit connector A129P1 as required.
3. In accordance with AMP DM 89-A-23-19-02-00A-520A-A, remove the Power supply (A127) and relative fixing hardware from the helicopter. Stow the four electrical wires disconnected from the power supply as required.
4. In accordance with AMP DM 89-A-23-19-03-00A-520A-A, remove the GSM antenna (E55) and relative fixing hardware from the helicopter.
5. With reference to Figure 87, assemble the blanking plate assy P/N 8G4390A04931 as required.
6. With reference to Figure 68 View A, install the blanking plate assy P/N 8G4390A04931 and the gasket P/N 8G4390A05051 by means of n°4 screws P/N A428A3C05. Stow the GSM antenna connector E55P1 as required.
7. With reference to Figure 68 View A, apply a fillet seal around the periphery of the blanking plate assy using sealant MC-780 B.
8. In accordance with weight and balance changes, update the Chart A (see Rotorcraft Flight Manual, Part II, section 6).
9. Return the helicopter to flight configuration and record for compliance with Part V of this Service Bulletin on the helicopter logbook.
10. Send the attached compliance form to the following mail box:

    engineering.support.lhd@leonardo.com

    As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.



8G5212P01211
49023 HINGED DOOR
RETROMOD

Figure 1

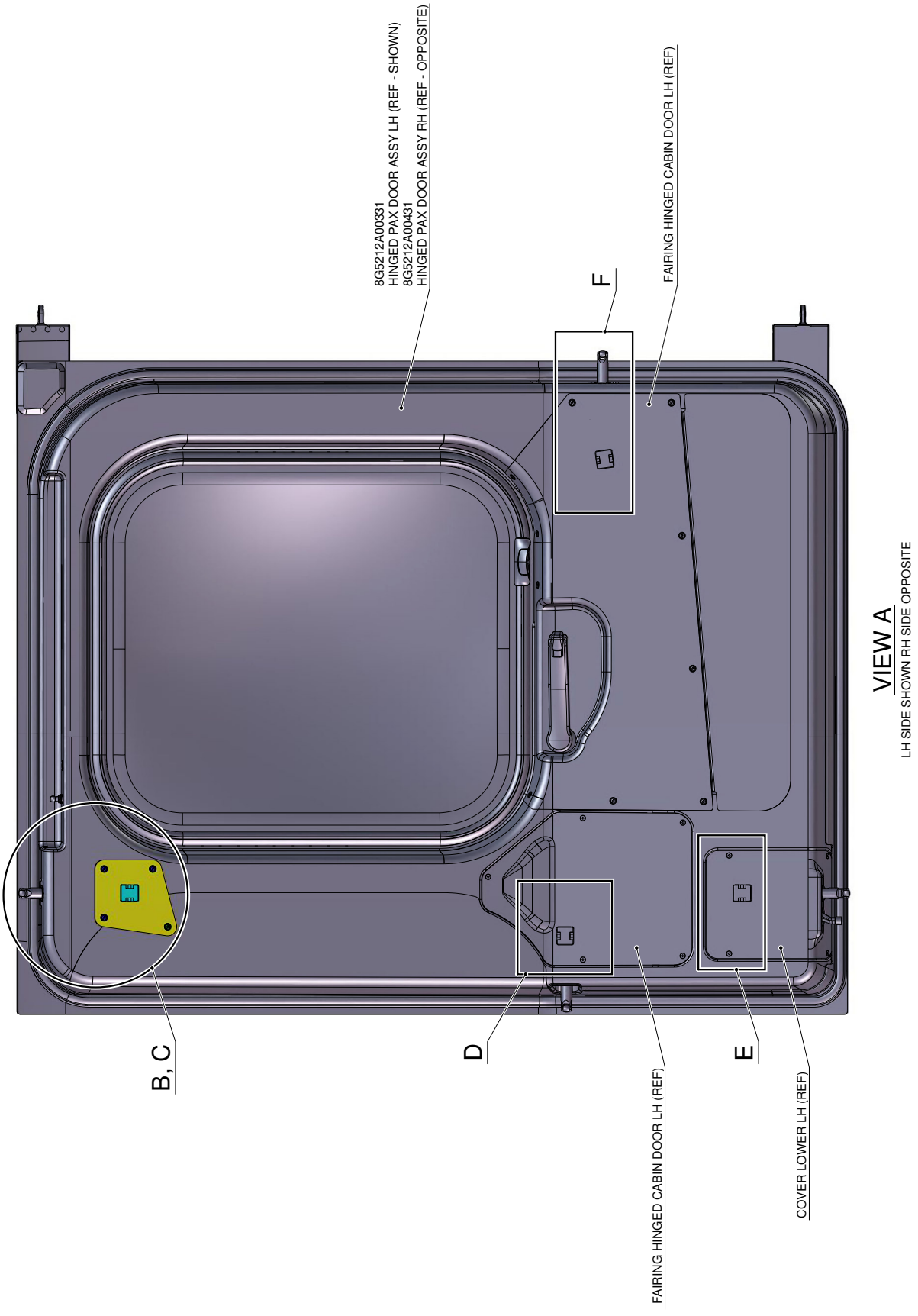
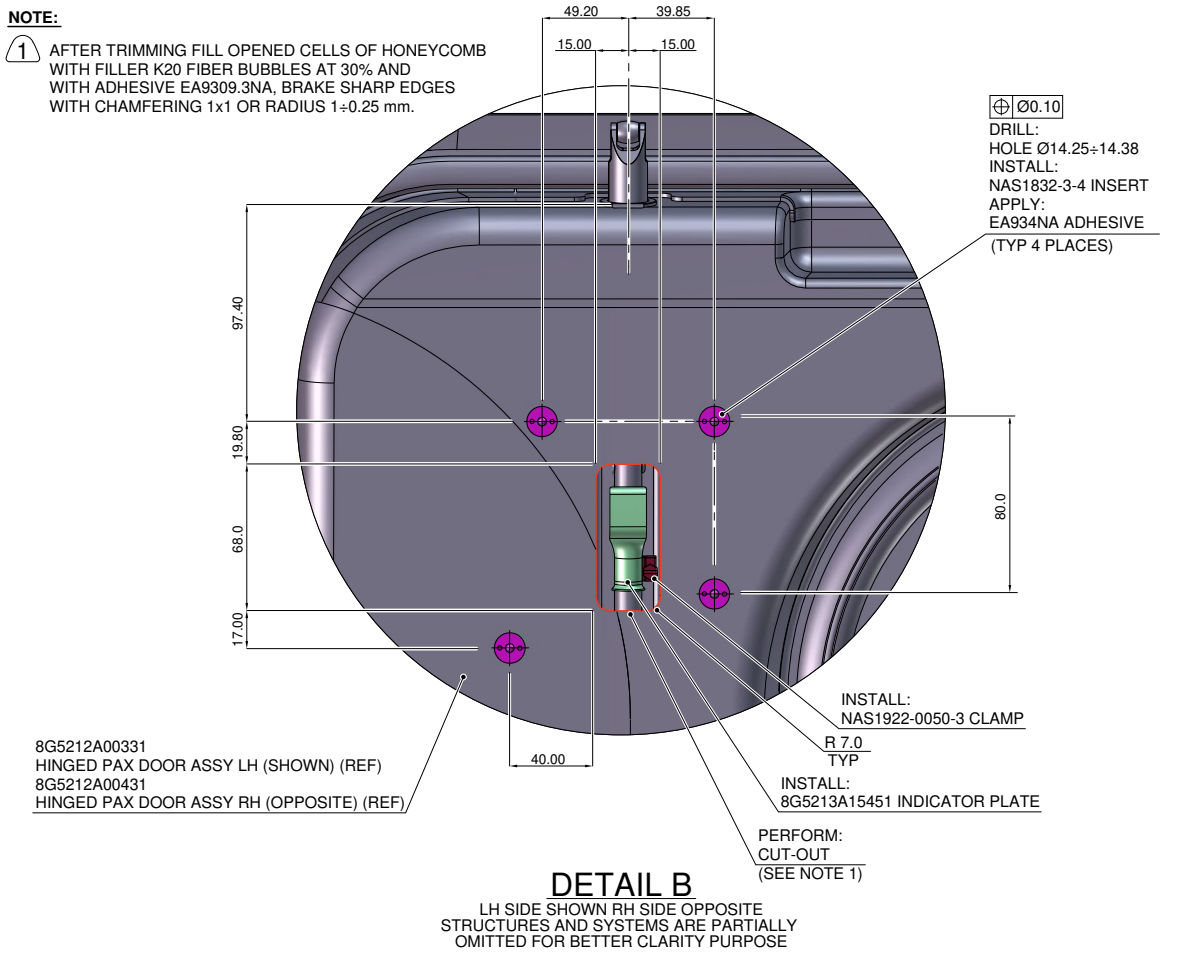
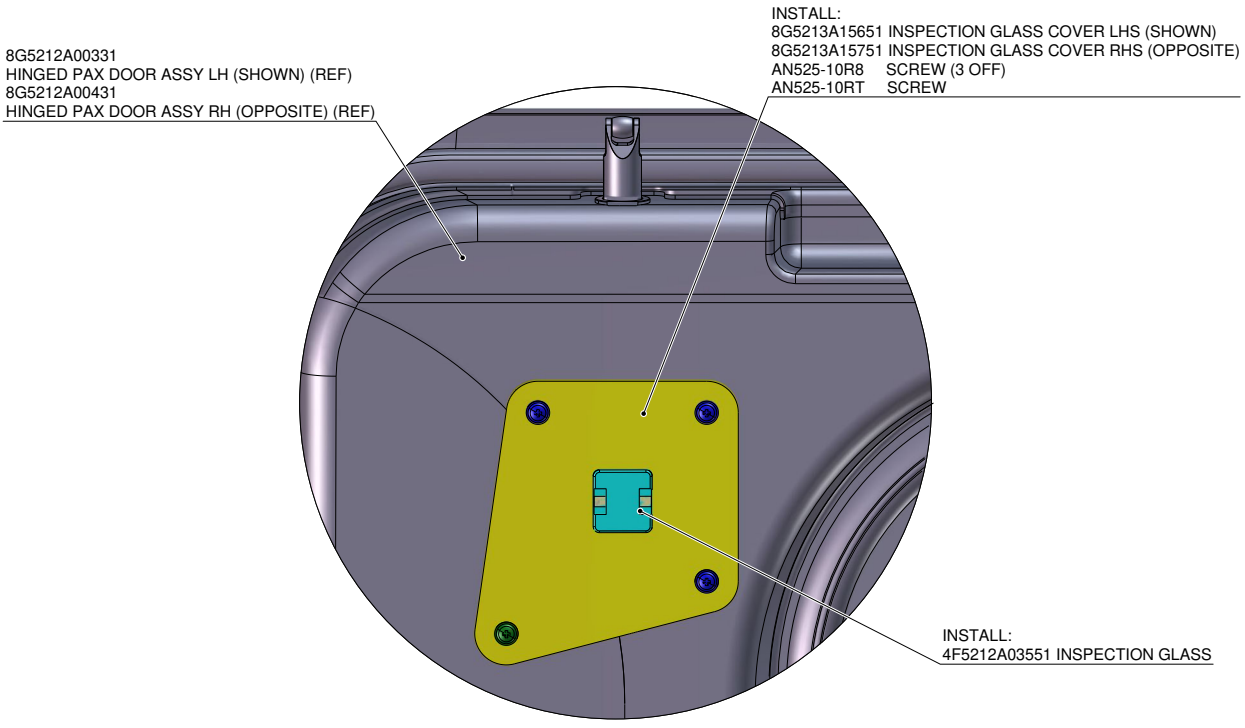

8G5212A00331
HINGED PAX DOOR ASSY LH (REF - SHOWN)
8G5212A00431
HINGED PAX DOOR ASSY RH (REF - OPPOSITE)
F
FAIRING HINGED CABIN DOOR LH (REF)
VIEW A
LH SIDE SHOWN RH SIDE OPPOSITE
B, C
D
E
FAIRING HINGED CABIN DOOR LH (REF)
COVER LOWER LH (REF)

Figure 2



DETAIL B

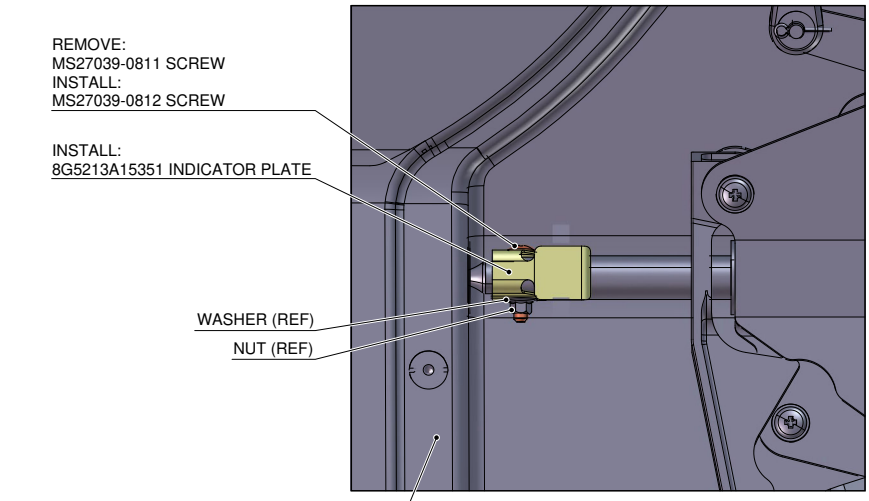
LH SIDE SHOWN RH SIDE OPPOSITE
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE



DETAIL C

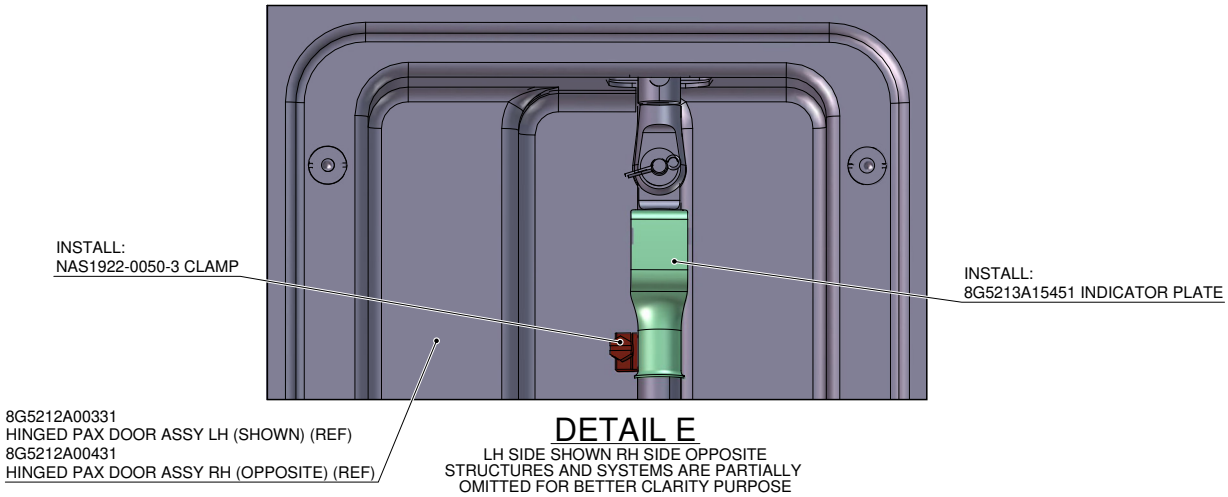
LH SIDE SHOWN RH SIDE OPPOSITE
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 3



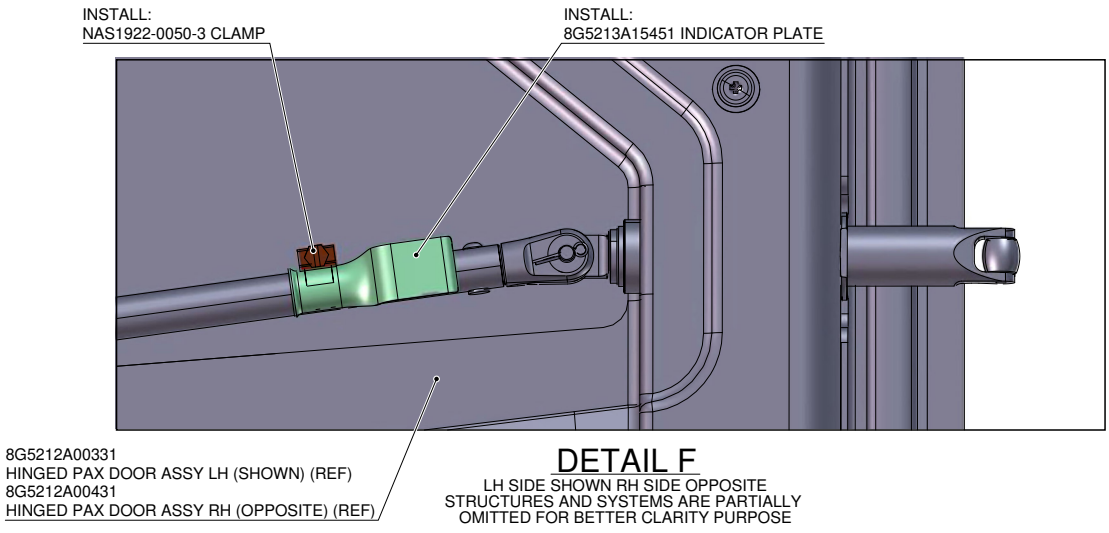
DETAIL D

LH SIDE SHOWN RH SIDE OPPOSITE
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE



DETAIL E

LH SIDE SHOWN RH SIDE OPPOSITE
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE



DETAIL F

LH SIDE SHOWN RH SIDE OPPOSITE
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 4

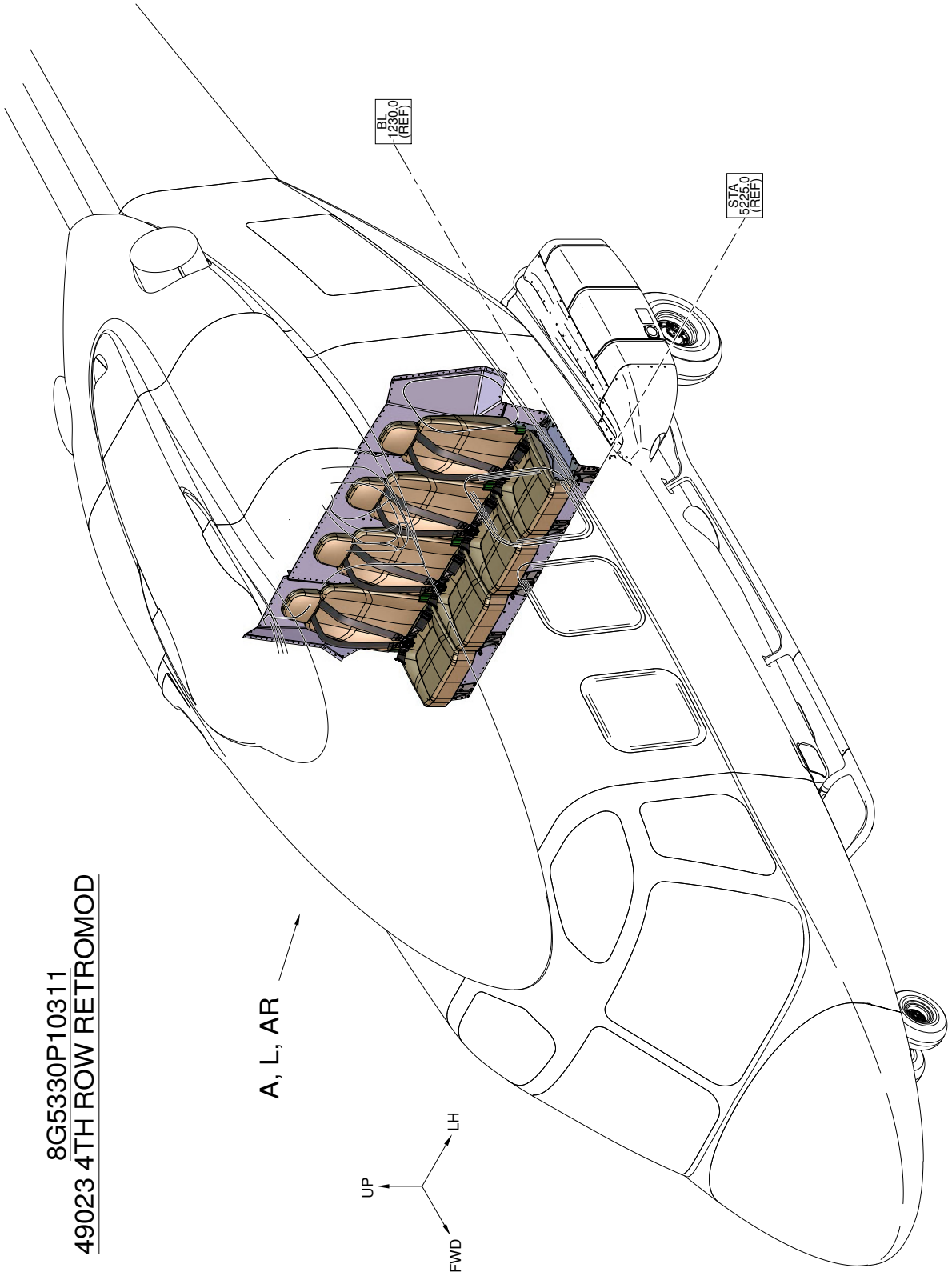

BL 1230.0 (REF)
STA 5225.0 (REF)
A, L, AR
UP
LH
FWD
8G5330P10311
49023 4TH ROW RETROMOD

Figure 5

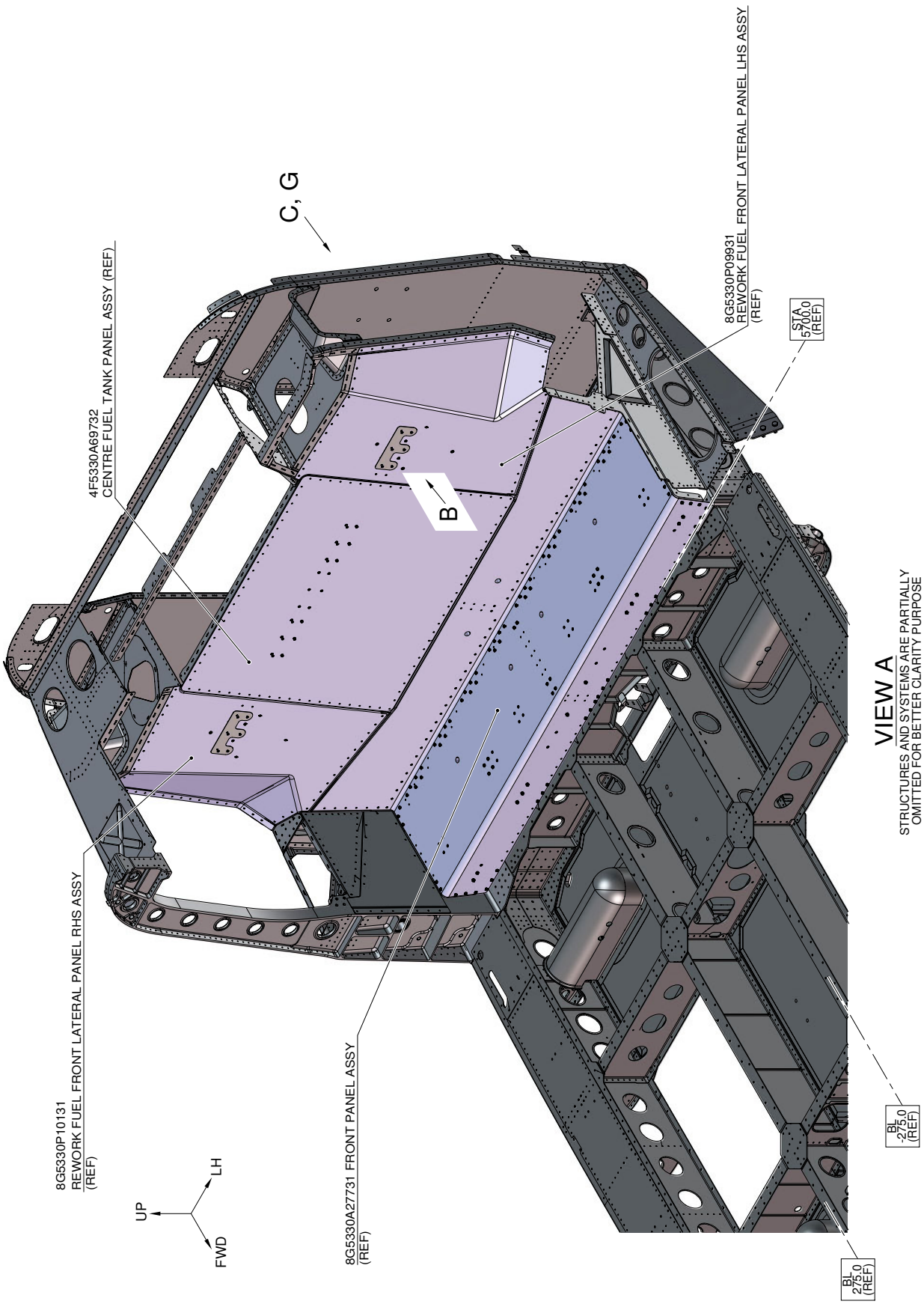

C, G
4F5330A69732
CENTRE FUEL TANK PANEL ASSY (REF)
8G5330P09931
REWORK FUEL FRONT LATERAL PANEL LHS ASSY
(REF)
STA
5700.0
(REF)
B
VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
8G5330P10131
REWORK FUEL FRONT LATERAL PANEL RHS ASSY
(REF)
8G5330A27731 FRONT PANEL ASSY
(REF)
BL
-275.0
(REF)
BL
275.0
(REF)
UP
LH
FWD

Figure 6

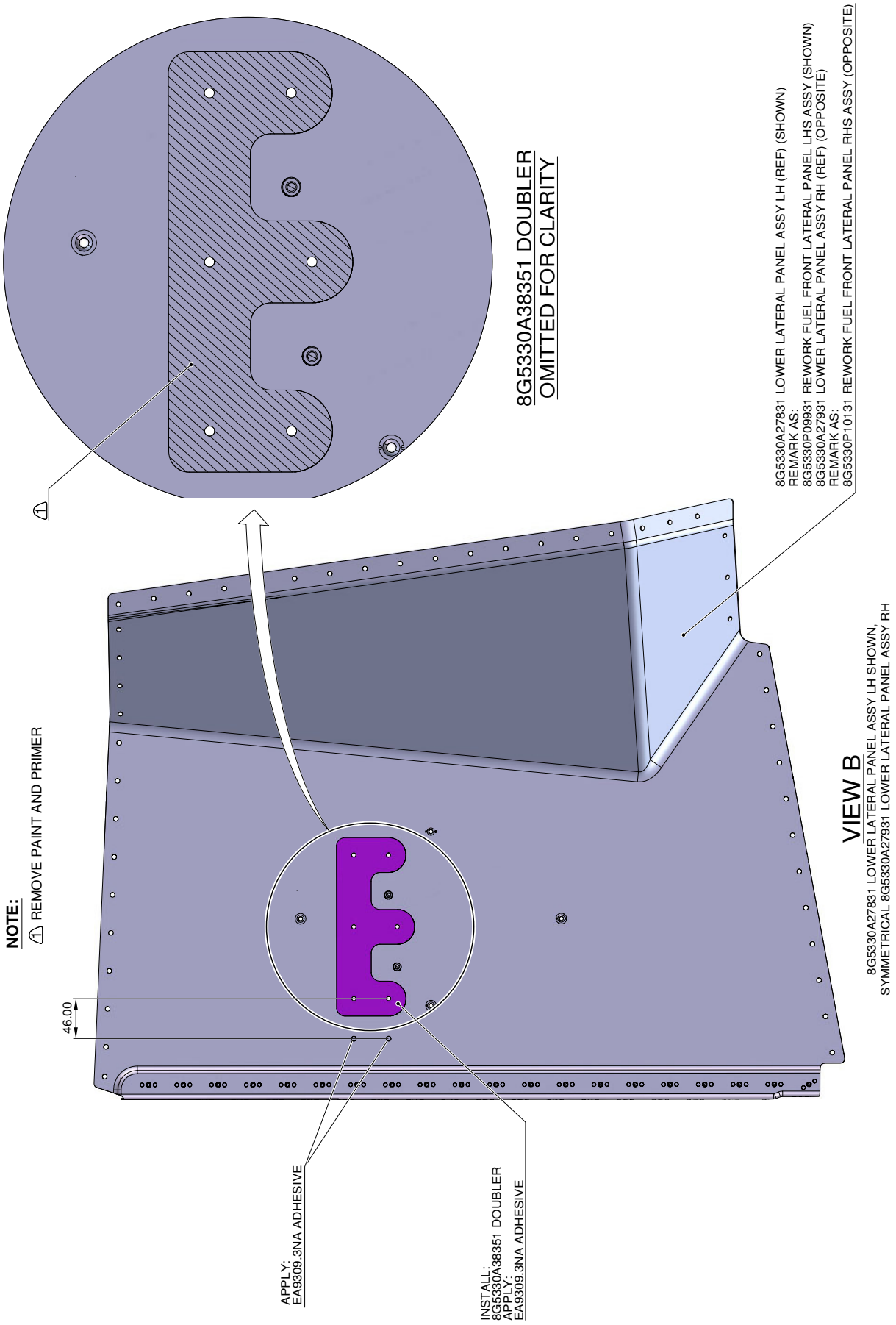

NOTE:
1 REMOVE PAINT AND PRIMER
8G5330A38351 DOUBLER
OMITTED FOR CLARITY
8G5330A27831 LOWER LATERAL PANEL ASSY LH (REF) (SHOWN)
REMARK AS:
8G5330P09931 REWORK FUEL FRONT LATERAL PANEL LHS ASSY (SHOWN)
8G5330A27931 LOWER LATERAL PANEL ASSY RH (REF) (OPPOSITE)
REMARK AS:
8G5330P10131 REWORK FUEL FRONT LATERAL PANEL RHS ASSY (OPPOSITE)
VIEW B
8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN,
SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH
46.00
APPLY:
EA9309.3NA ADHESIVE
INSTALL:
8G5330A38351 DOUBLER
APPLY:
EA9309.3NA ADHESIVE

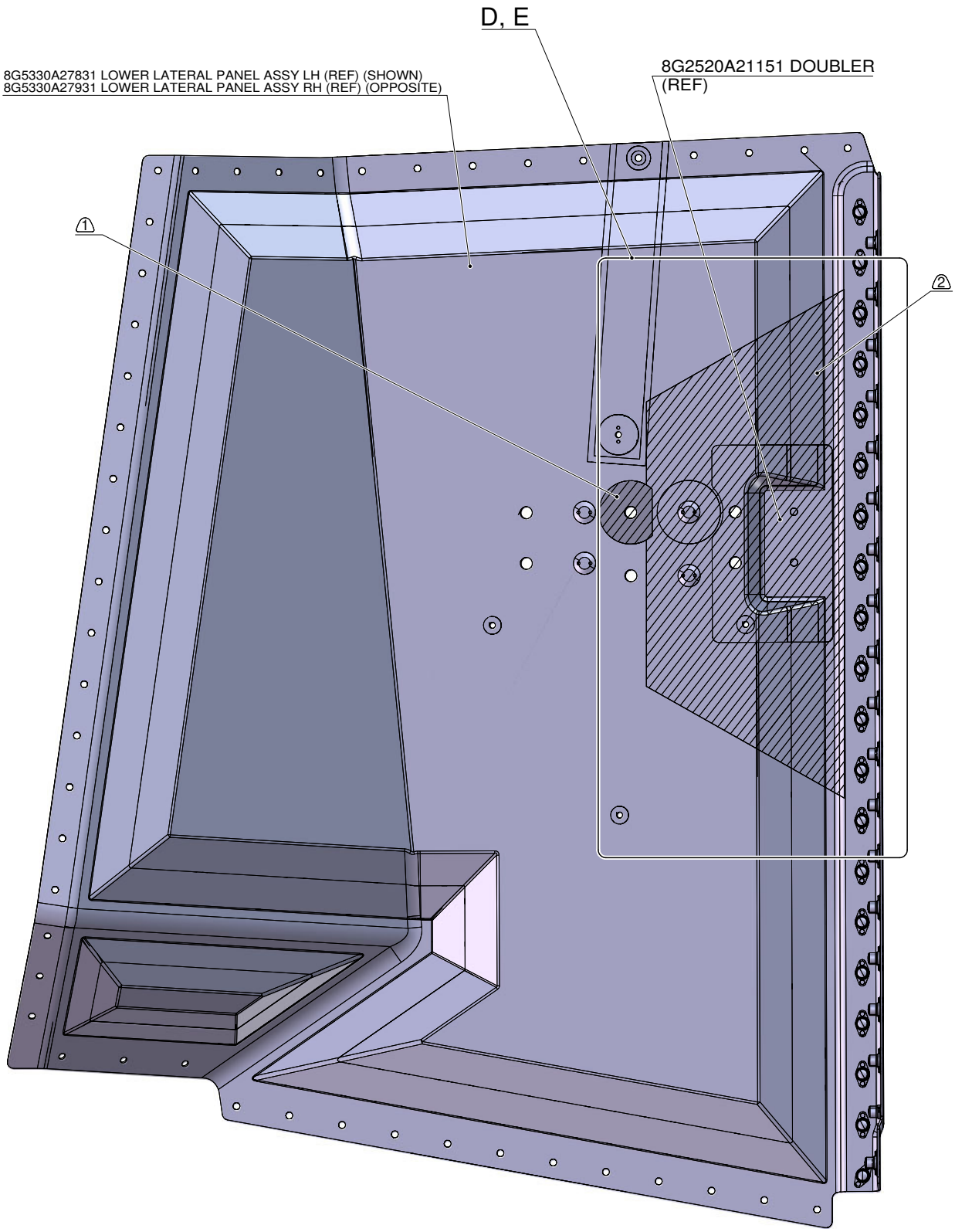
Figure 7

NOTE:

① REMOVE PAINT AND PRIMER

NOTE:

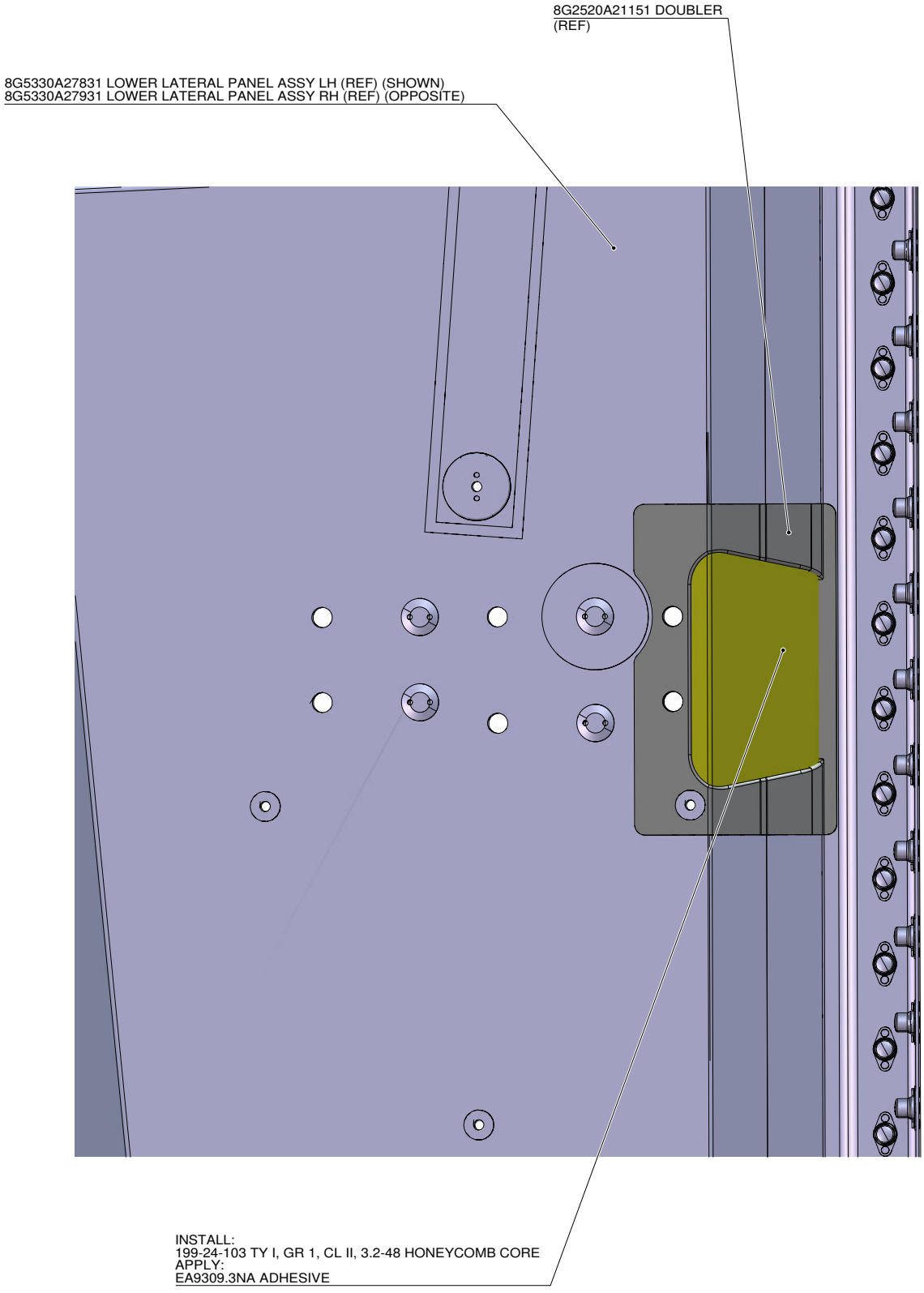
② PREPARE ALL INDICATED CONTACT SURFACES FOR BONDING



VIEW C

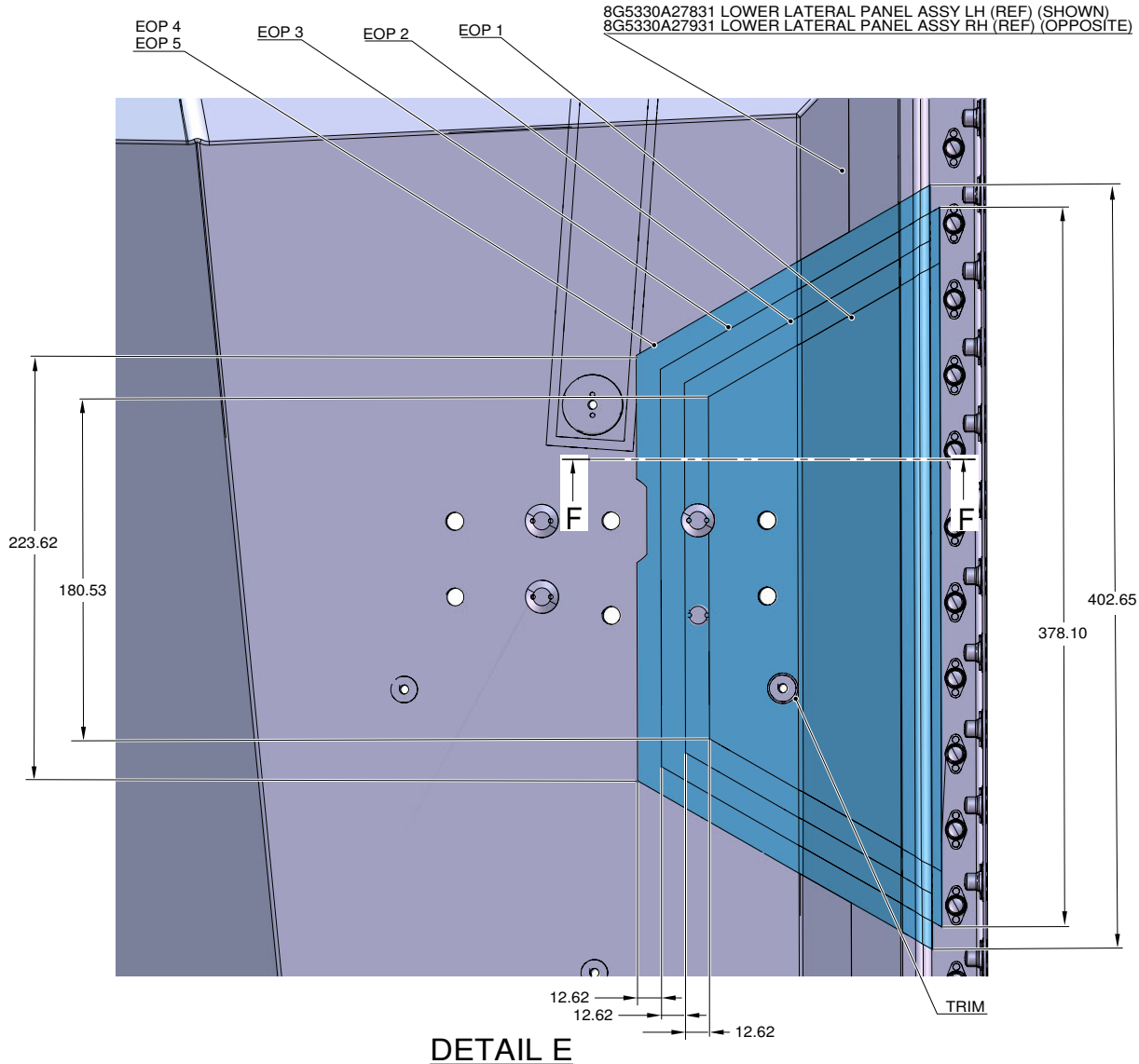
8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN,
SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH

Figure 8



DETAIL D
8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN,
SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH

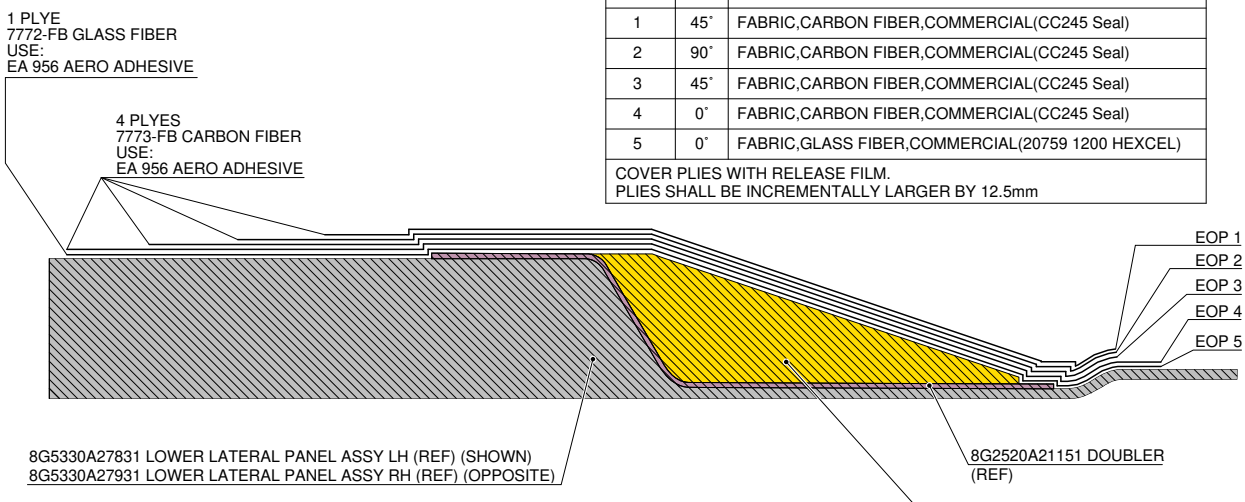
Figure 9



DETAIL E

8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN,
SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH

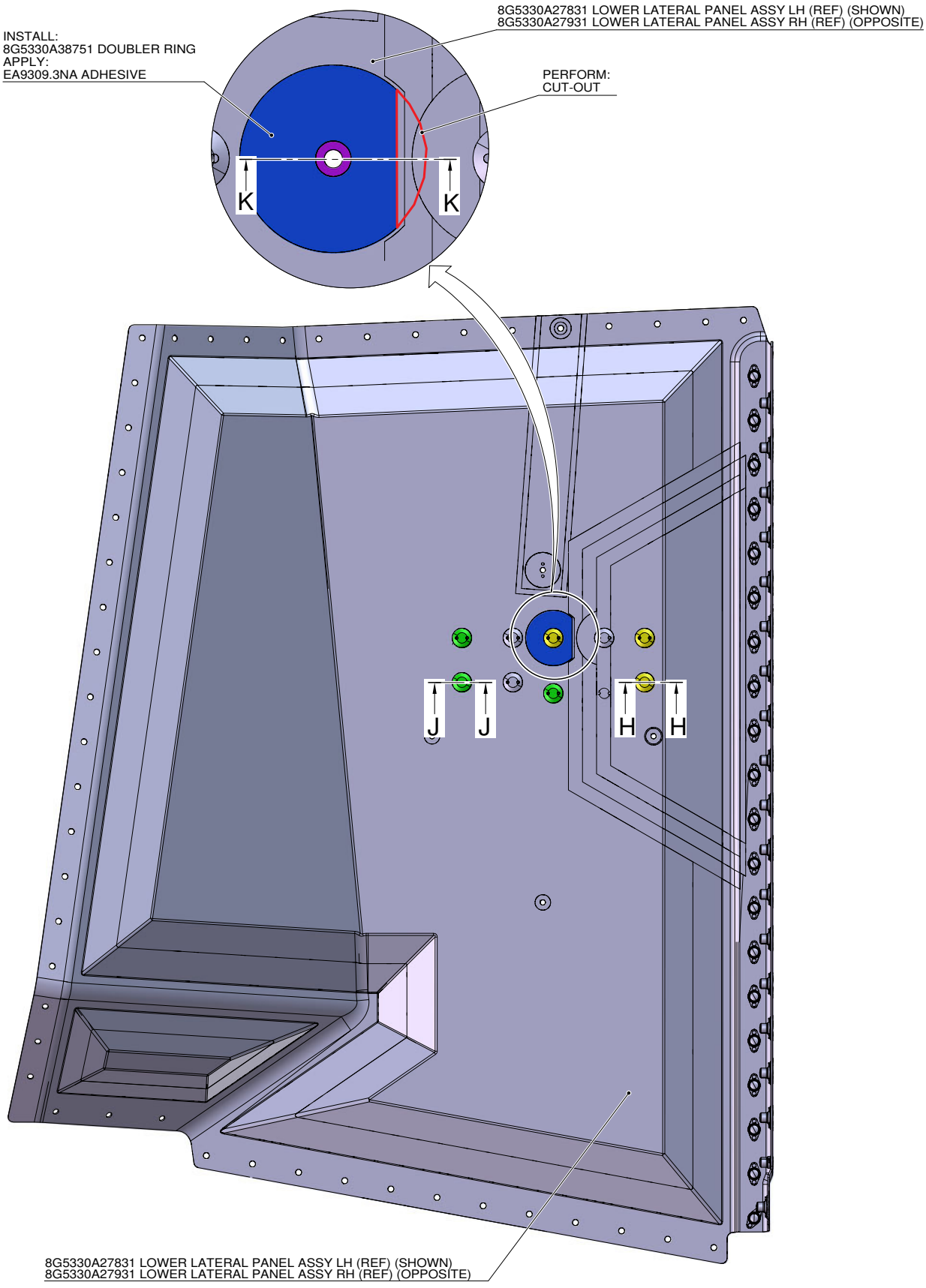
PLY	DEG	DESCRIPTION
1	45˚	FABRIC,CARBON FIBER,COMMERCIAL(CC245 Seal)
2	90˚	FABRIC,CARBON FIBER,COMMERCIAL(CC245 Seal)
3	45˚	FABRIC,CARBON FIBER,COMMERCIAL(CC245 Seal)
4	0˚	FABRIC,CARBON FIBER,COMMERCIAL(CC245 Seal)
5	0˚	FABRIC,GLASS FIBER,COMMERCIAL(20759 1200 HEXCEL)
COVER PLIES WITH RELEASE FILM. PLIES SHALL BE INCREMENTALLY LARGER BY 12.5mm		



SECTION F-F

8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN,
SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH

Figure 10



VIEW G

8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN,
SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH

Figure 11

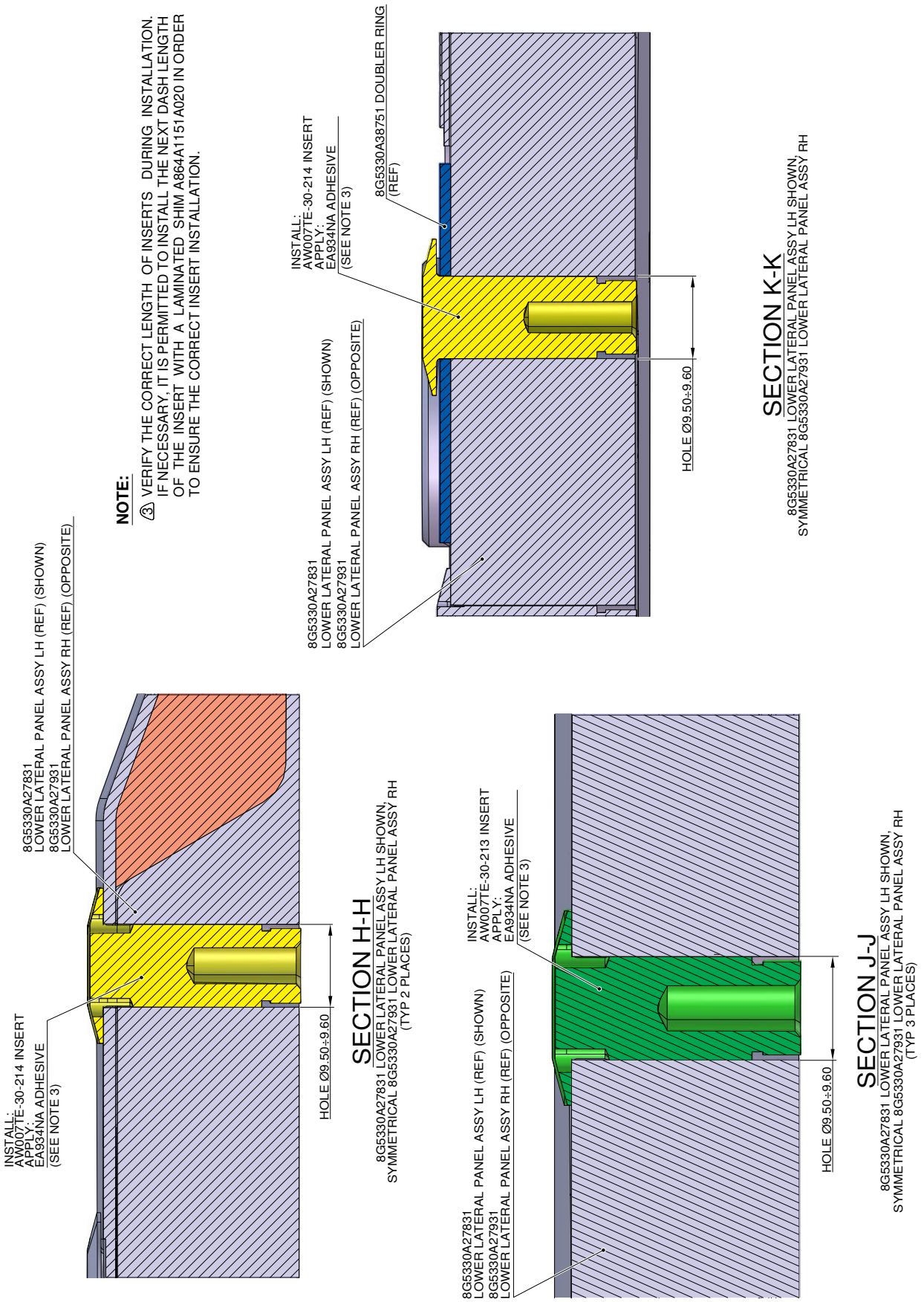

NOTE:
3 VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION. IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH OF THE INSERT WITH A LAMINATED SHIM A864A1151A020 IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.
INSTALL: AW007TE-30-214 INSERT
APPLY: EA934NA ADHESIVE
(SEE NOTE 3)
8G5330A27831 LOWER LATERAL PANEL ASSY LH (REF) (SHOWN)
8G5330A27931 LOWER LATERAL PANEL ASSY RH (REF) (OPPOSITE)
HOLE Ø9.50÷9.60
SECTION H-H
8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN, SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH (TYP 2 PLACES)
INSTALL: AW007TE-30-213 INSERT
APPLY: EA934NA ADHESIVE
(SEE NOTE 3)
8G5330A27831 LOWER LATERAL PANEL ASSY LH (REF) (SHOWN)
8G5330A27931 LOWER LATERAL PANEL ASSY RH (REF) (OPPOSITE)
HOLE Ø9.50÷9.60
SECTION J-J
8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN, SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH (TYP 3 PLACES)
INSTALL: AW007TE-30-214 INSERT
APPLY: EA934NA ADHESIVE
(SEE NOTE 3)
8G5330A38751 DOUBLER RING (REF)
8G5330A27831 LOWER LATERAL PANEL ASSY LH (REF) (SHOWN)
8G5330A27931 LOWER LATERAL PANEL ASSY RH (REF) (OPPOSITE)
HOLE Ø9.50÷9.60
SECTION K-K
8G5330A27831 LOWER LATERAL PANEL ASSY LH SHOWN, SYMMETRICAL 8G5330A27931 LOWER LATERAL PANEL ASSY RH

Figure 12

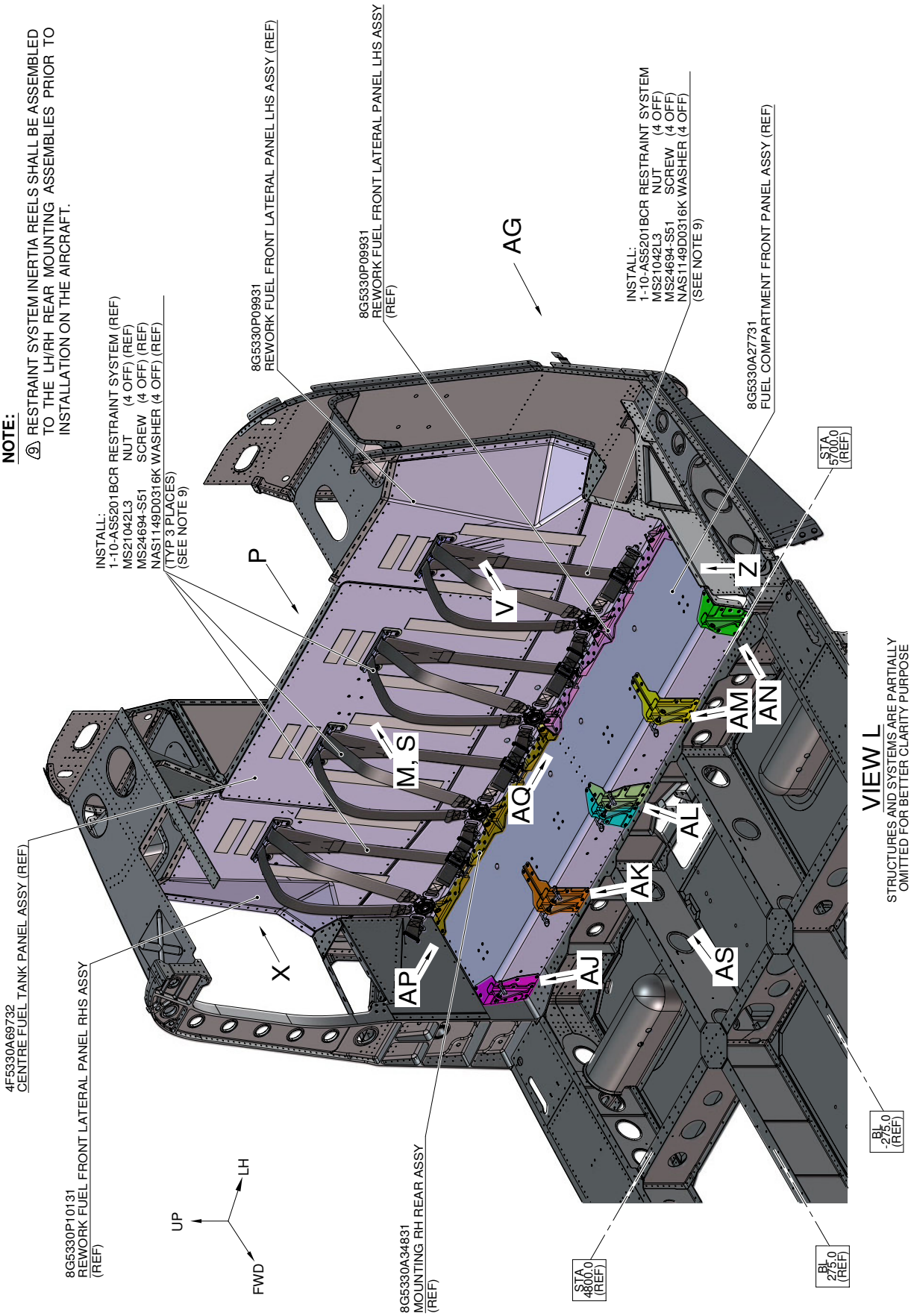

NOTE:
(9) RESTRAINT SYSTEM INERTIA REELS SHALL BE ASSEMBLED TO THE LH/RH REAR MOUNTING ASSEMBLIES PRIOR TO INSTALLATION ON THE AIRCRAFT.
INSTALL:
1-10-AS5201BCR RESTRAINT SYSTEM (REF)
MS21042L3 NUT (4 OFF) (REF)
MS24694-S51 SCREW (4 OFF) (REF)
NAS1149D0316K WASHER (4 OFF) (REF)
(TYP 3 PLACES)
(SEE NOTE 9)
8G5330P09931
REWORK FUEL FRONT LATERAL PANEL LHS ASSY (REF)
8G5330P09931
REWORK FUEL FRONT LATERAL PANEL LHS ASSY
(REF)
INSTALL:
1-10-AS5201BCR RESTRAINT SYSTEM
MS21042L3 NUT (4 OFF)
MS24694-S51 SCREW (4 OFF)
NAS1149D0316K WASHER (4 OFF)
(SEE NOTE 9)
8G5330A27731
FUEL COMPARTMENT FRONT PANEL ASSY (REF)
4F5330A69732
CENTRE FUEL TANK PANEL ASSY (REF)
8G5330P10131
REWORK FUEL FRONT LATERAL PANEL RHS ASSY
(REF)
8G5330A34831
MOUNTING RH REAR ASSY
(REF)
STA 4800.0 (REF)
STA 5700.0 (REF)
BL -275.0 (REF)
BL 275.0 (REF)
UP
LH
FWD
P
X
V
M, S
AQ
AP
AJ
AK
AL
AS
AM
AN
Z
AG
VIEW L
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 13

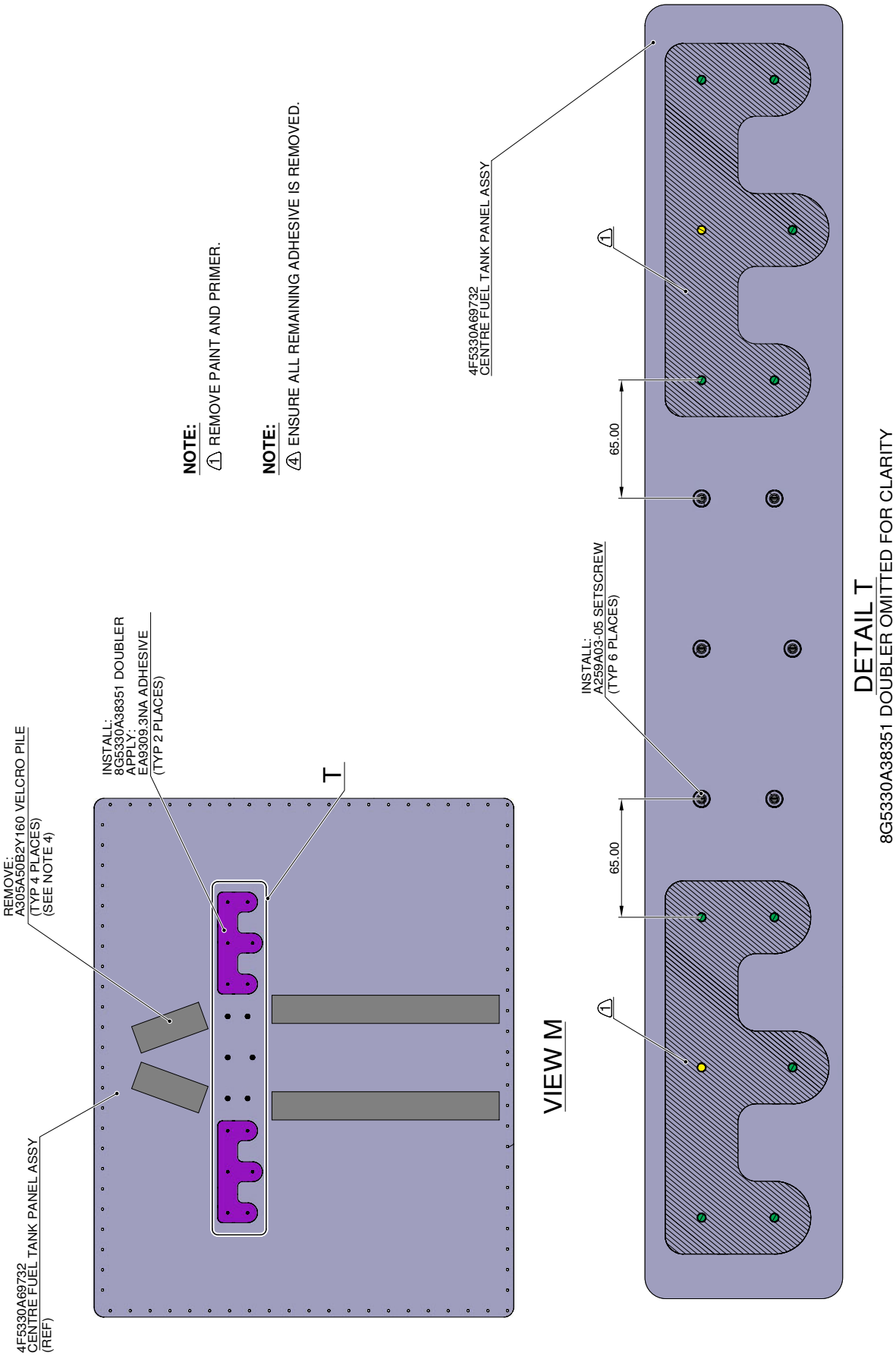

NOTE:
1 REMOVE PAINT AND PRIMER.
NOTE:
4 ENSURE ALL REMAINING ADHESIVE IS REMOVED.
4F5330A69732
CENTRE FUEL TANK PANEL ASSY
REMOVE:
A305A50B2Y160 VELCRO PILE
(TYP 4 PLACES)
(SEE NOTE 4)
INSTALL:
8G5330A38351 DOUBLER
APPLY:
EA9309.3NA ADHESIVE
(TYP 2 PLACES)
T
4F5330A69732
CENTRE FUEL TANK PANEL ASSY
(REF)
VIEW M
INSTALL:
A259A03-05 SETSCREW
(TYP 6 PLACES)
65.00
65.00
1
1
DETAIL T
8G5330A38351 DOUBLER OMITTED FOR CLARITY

Figure 14

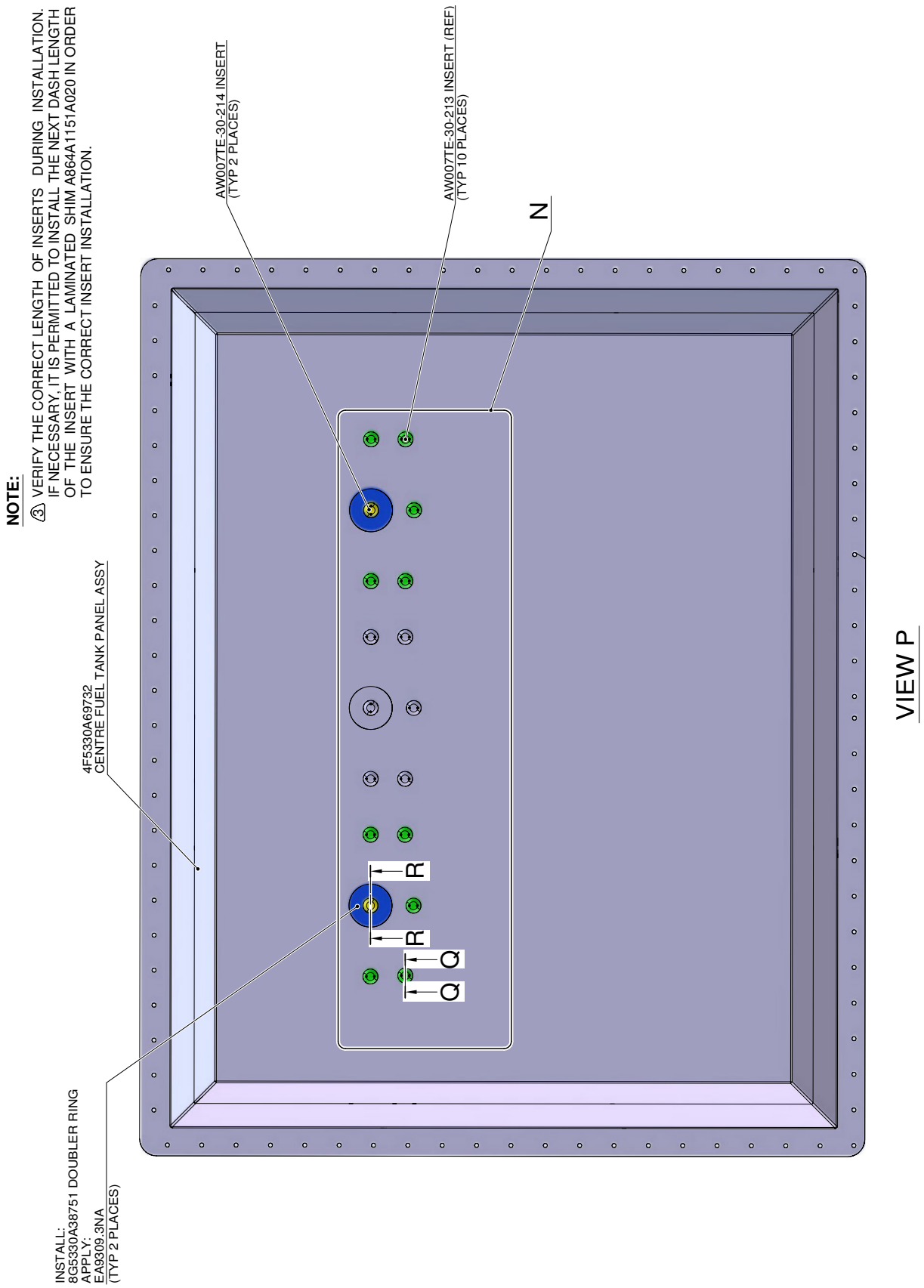

NOTE:
③ VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION. IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH OF THE INSERT WITH A LAMINATED SHIM A864A1151A020 IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.
AW007TE-30-214 INSERT (TYP 2 PLACES)
AW007TE-30-213 INSERT (REF) (TYP 10 PLACES)
N
4F5330A69732 CENTRE FUEL TANK PANEL ASSY
R
R
Q
Q
INSTALL: 8G5330A38751 DOUBLER RING APPLY: EA9309.3NA (TYP 2 PLACES)
VIEW P

Figure 15

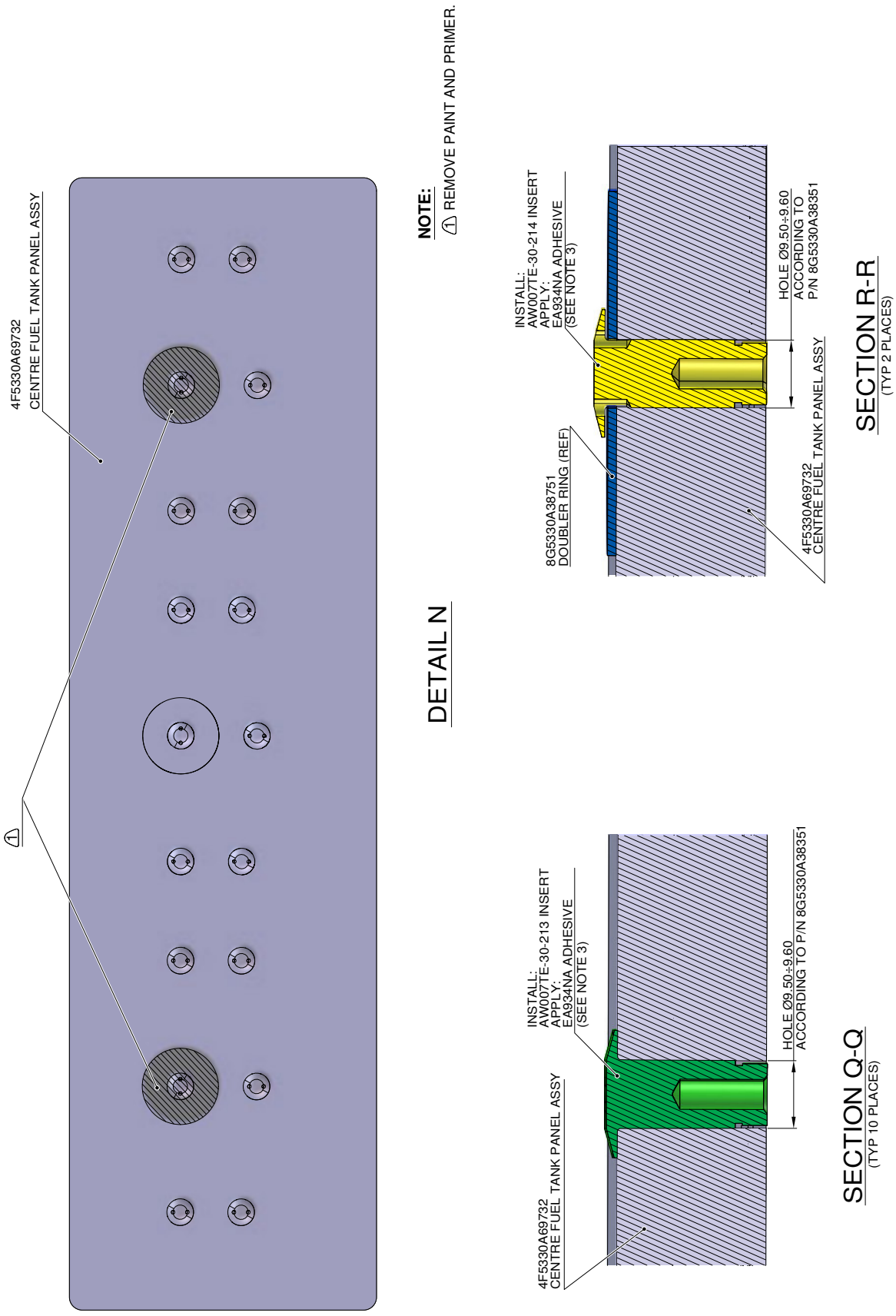

4F5330A69732
CENTRE FUEL TANK PANEL ASSY
1
NOTE:
1 REMOVE PAINT AND PRIMER.
DETAIL N
INSTALL:
AW0077E-30-214 INSERT
APPLY:
EA934NA ADHESIVE
(SEE NOTE 3)
8G5330A38751
DOUBLER RING (REF)
HOLE Ø9.50÷9.60
ACCORDING TO
P/N 8G5330A38351
4F5330A69732
CENTRE FUEL TANK PANEL ASSY
SECTION R-R
(TYP 2 PLACES)
INSTALL:
AW0077E-30-213 INSERT
APPLY:
EA934NA ADHESIVE
(SEE NOTE 3)
4F5330A69732
CENTRE FUEL TANK PANEL ASSY
HOLE Ø9.50÷9.60
ACCORDING TO P/N 8G5330A38351
SECTION Q-Q
(TYP 10 PLACES)

Figure 16

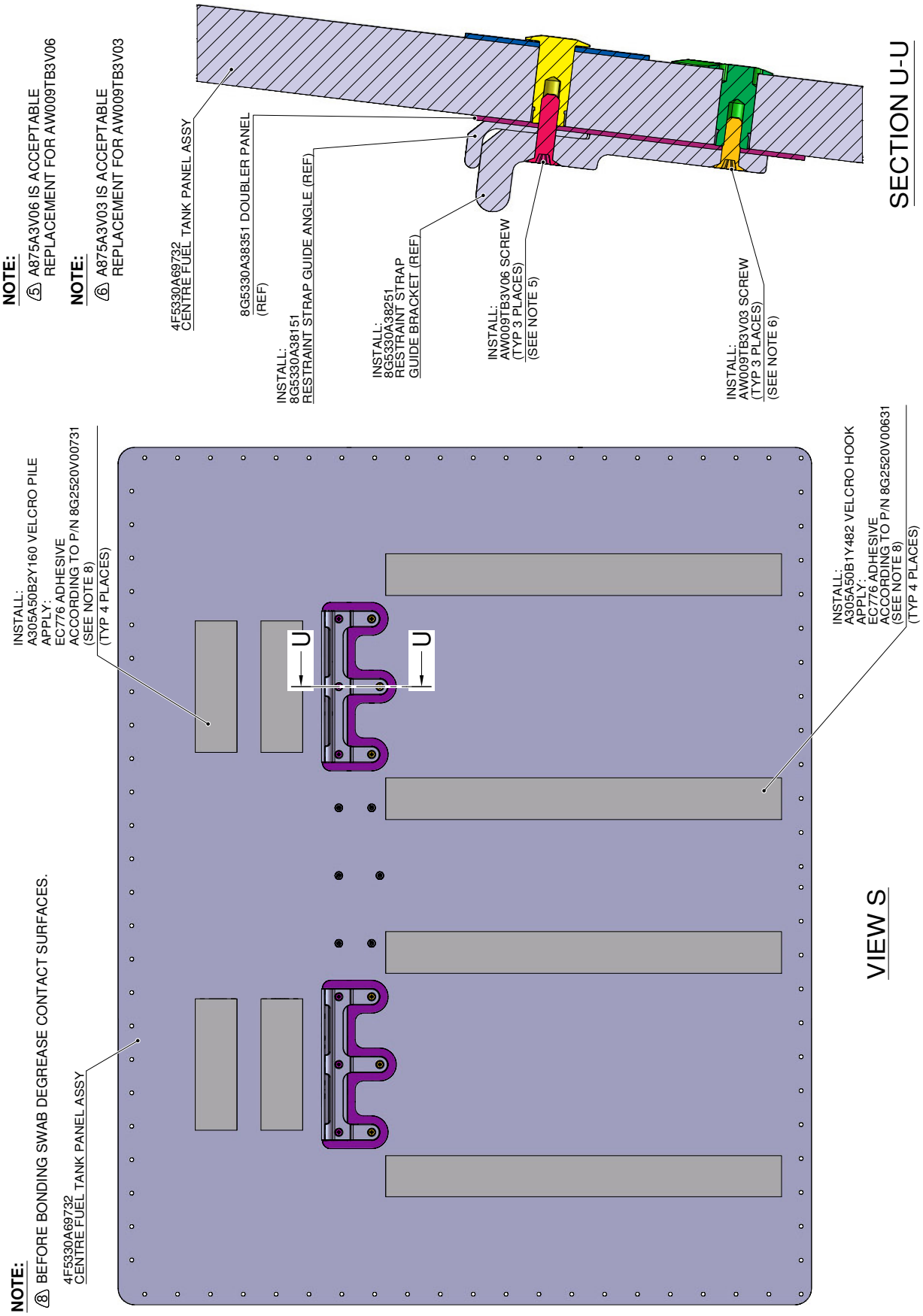
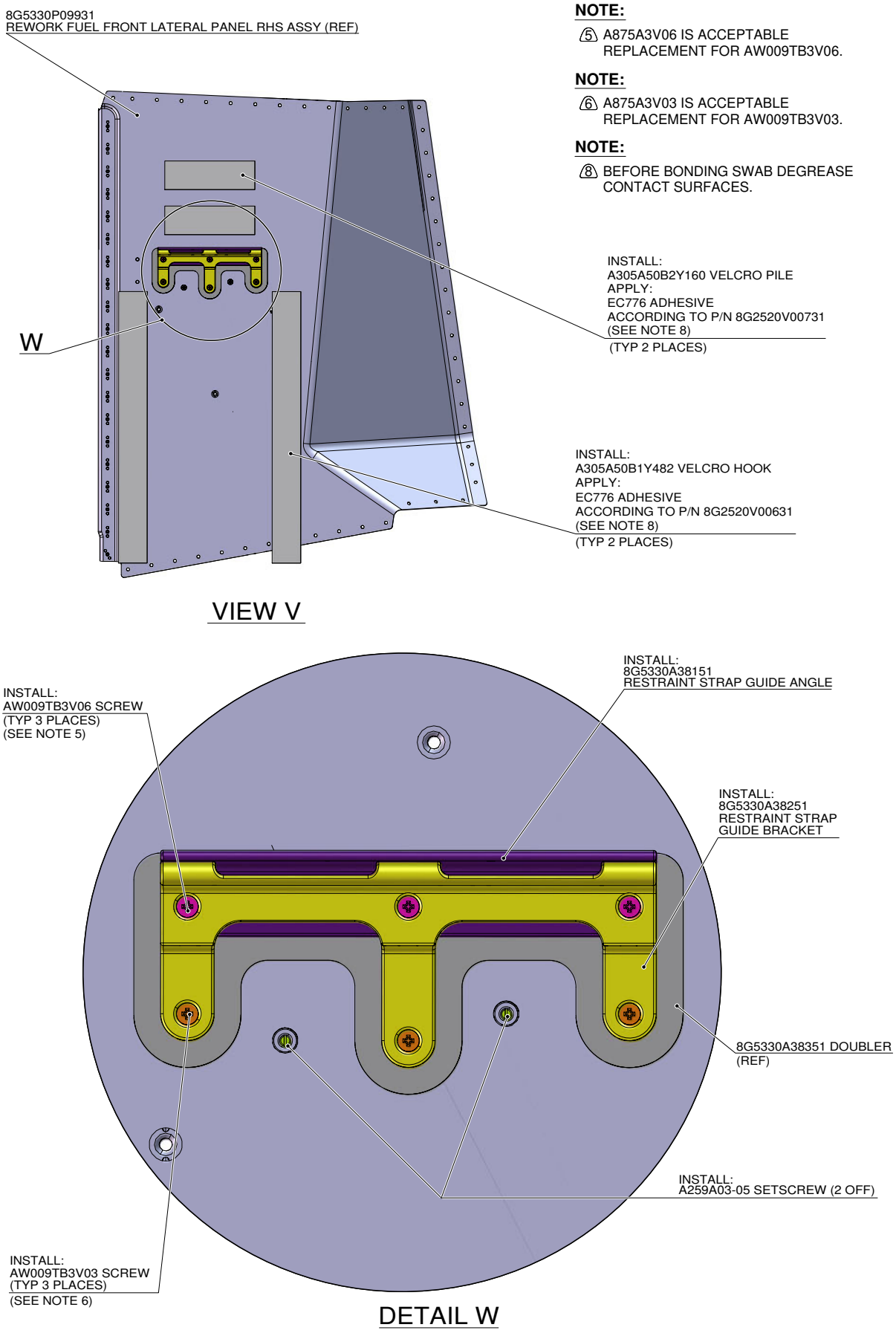

NOTE:
⑤ A875A3V06 IS ACCEPTABLE REPLACEMENT FOR AW009TB3V06
NOTE:
⑥ A875A3V03 IS ACCEPTABLE REPLACEMENT FOR AW009TB3V03
4F5330A69732 CENTRE FUEL TANK PANEL ASSY
8G5330A38351 DOUBLER PANEL (REF)
INSTALL: 8G5330A38151 RESTRAINT STRAP GUIDE ANGLE (REF)
INSTALL: 8G5330A38251 RESTRAINT STRAP GUIDE BRACKET (REF)
INSTALL: AW009TB3V06 SCREW (TYP 3 PLACES) (SEE NOTE 5)
INSTALL: AW009TB3V03 SCREW (TYP 3 PLACES) (SEE NOTE 6)
SECTION U-U
INSTALL: A305A50B2Y160 VELCRO PILE
APPLY: EC776 ADHESIVE ACCORDING TO P/N 8G2520V00731 (SEE NOTE 8) (TYP 4 PLACES)
U
U
INSTALL: A305A50B1Y482 VELCRO HOOK
APPLY: EC776 ADHESIVE ACCORDING TO P/N 8G2520V00631 (SEE NOTE 8) (TYP 4 PLACES)
VIEW S
NOTE:
⑧ BEFORE BONDING SWAB DEGREASE CONTACT SURFACES.
4F5330A69732 CENTRE FUEL TANK PANEL ASSY

Figure 17



NOTE:

(5) A875A3V06 IS ACCEPTABLE REPLACEMENT FOR AW009TB3V06.

NOTE:

(6) A875A3V03 IS ACCEPTABLE REPLACEMENT FOR AW009TB3V03.

NOTE:

(8) BEFORE BONDING SWAB DEGREASE CONTACT SURFACES.

Figure 18

NOTE:

(5) A875A3V06 IS ACCEPTABLE REPLACEMENT FOR AW009TB3V06

NOTE:

(6) A875A3V03 IS ACCEPTABLE REPLACEMENT FOR AW009TB3V03

NOTE:

(8) BEFORE BONDING SWAB DEGREASE CONTACT SURFACES.

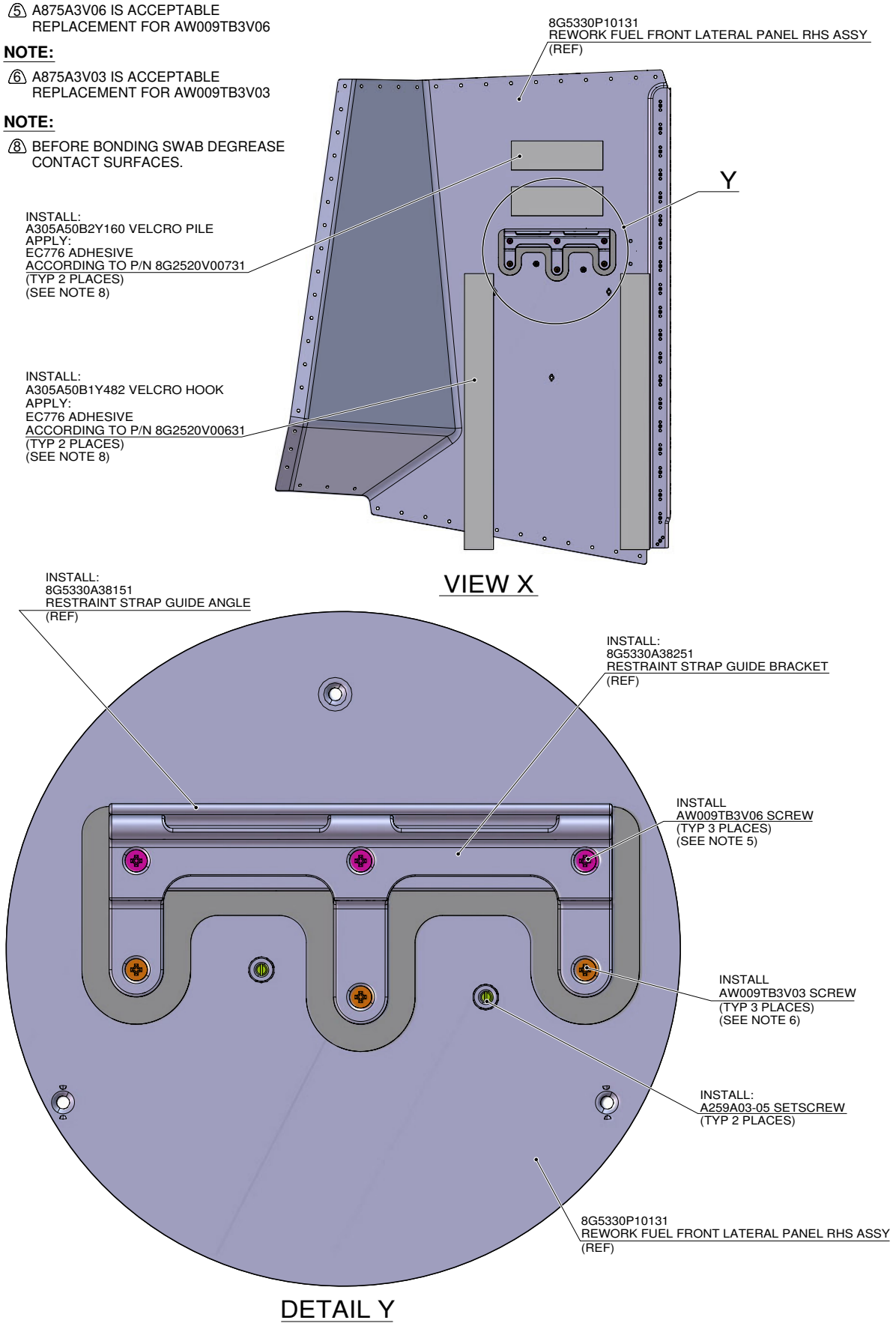


Figure 19

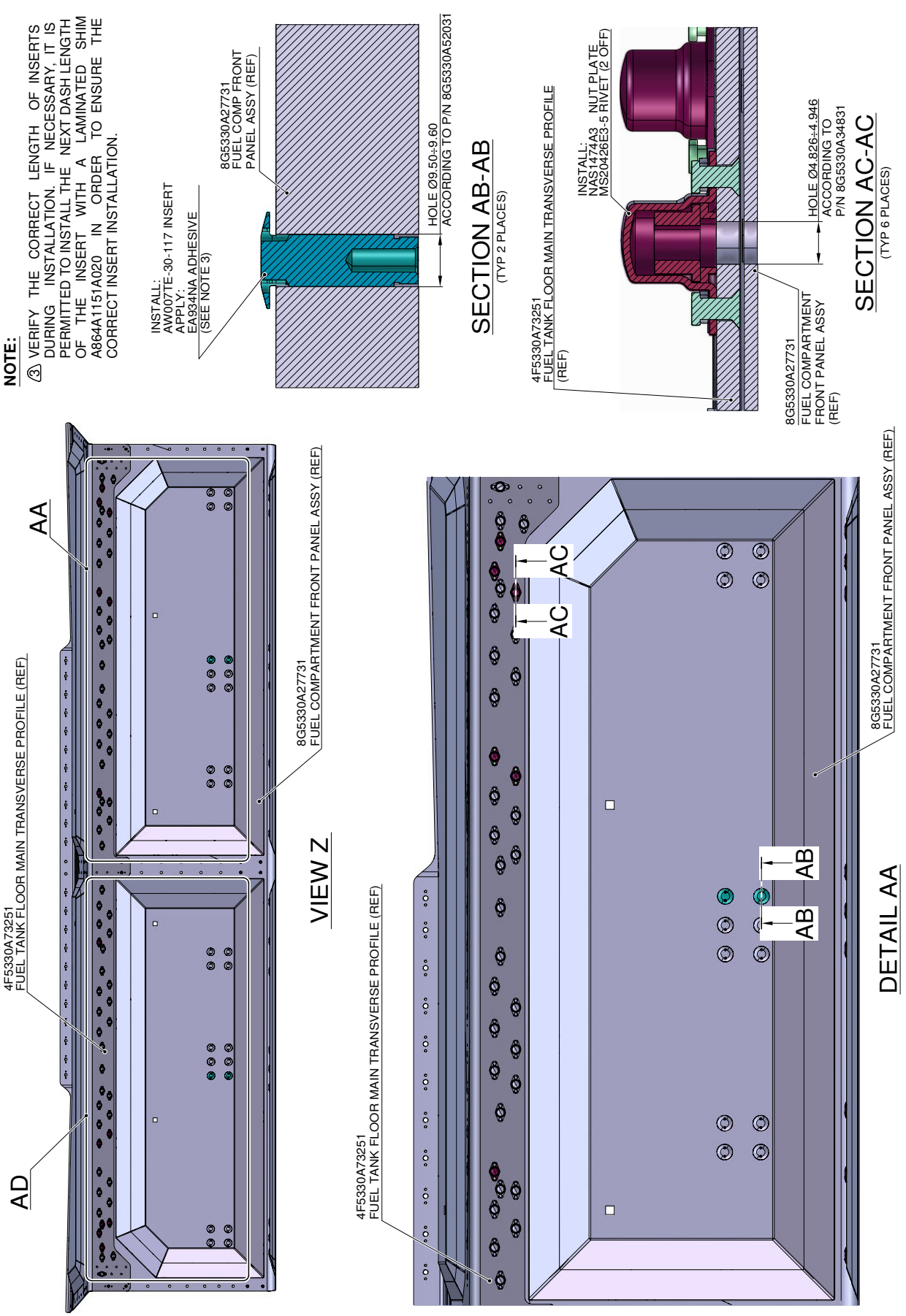

NOTE:
③ VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION. IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH OF THE INSERT WITH A LAMINATED SHIM A864A1151A020 IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.
INSTALL:
AW007TE-30-117 INSERT
APPLY:
EA934NA ADHESIVE
(SEE NOTE 3)
8G5330A27731
FUEL COMP FRONT
PANEL ASSY (REF)
HOLE Ø9.50÷9.60
ACCORDING TO P/N 8G5330A52031
SECTION AB-AB
(TYP 2 PLACES)
4F5330A73251
FUEL TANK FLOOR MAIN TRANSVERSE PROFILE
(REF)
INSTALL:
NAS1474A3 NUT PLATE
MS20426E3-5 RIVET (2 OFF)
HOLE Ø4.826÷4.946
ACCORDING TO
P/N 8G5330A34831
8G5330A27731
FUEL COMPARTMENT
FRONT PANEL ASSY
(REF)
SECTION AC-AC
(TYP 6 PLACES)
AA
AD
4F5330A73251
FUEL TANK FLOOR MAIN TRANSVERSE PROFILE (REF)
8G5330A27731
FUEL COMPARTMENT FRONT PANEL ASSY (REF)
VIEW Z
AC
AC
AB
AB
4F5330A73251
FUEL TANK FLOOR MAIN TRANSVERSE PROFILE (REF)
8G5330A27731
FUEL COMPARTMENT FRONT PANEL ASSY (REF)
DETAIL AA

Figure 20

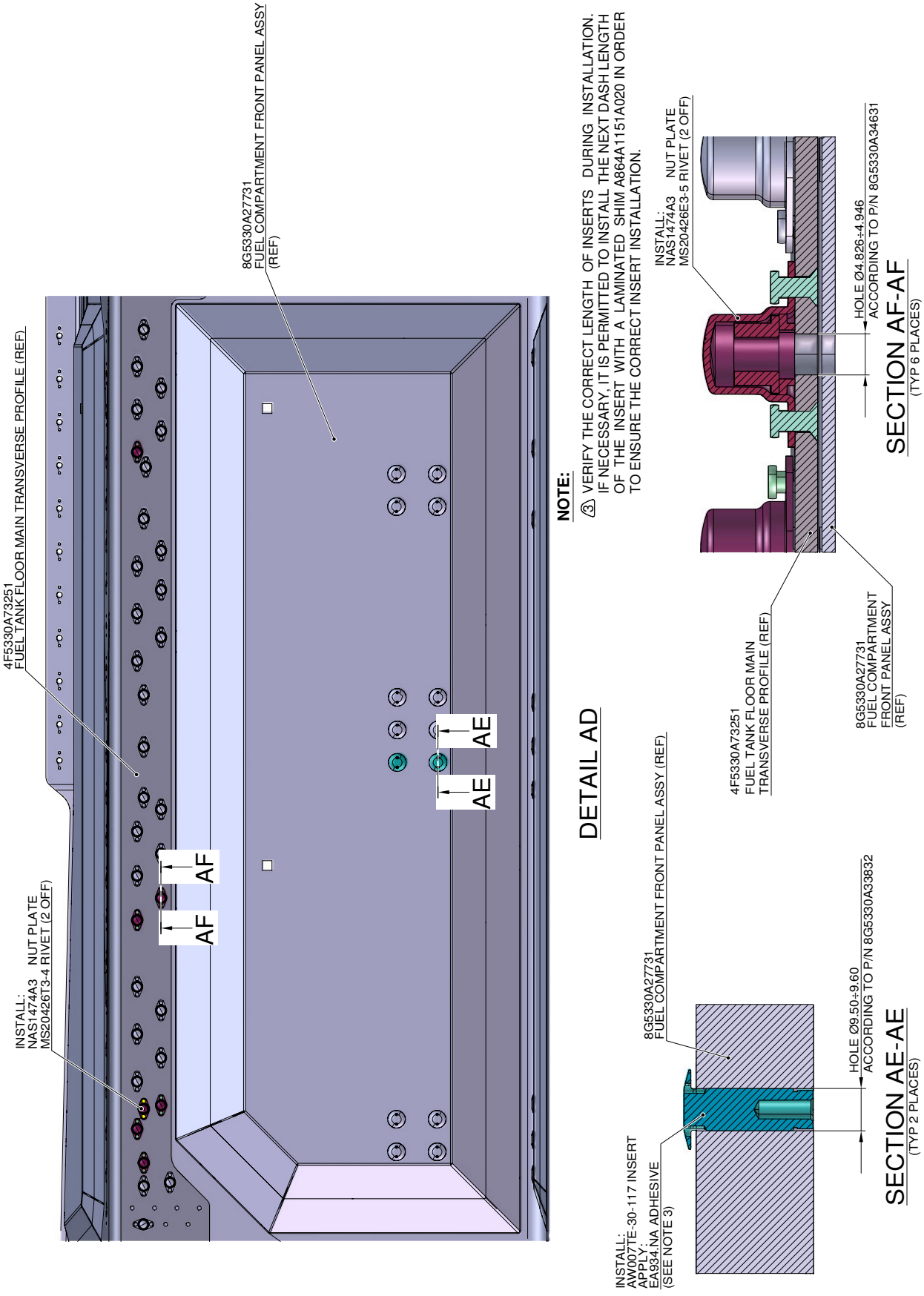

8G5330A27731
FUEL COMPARTMENT FRONT PANEL ASSY
(REF)
4F5330A73251
FUEL TANK FLOOR MAIN TRANSVERSE PROFILE (REF)
INSTALL:
NAS1474A3 NUT PLATE
MS20426T3-4 RIVET (2 OFF)
AF
AF
AE
AE
NOTE:
3 VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION. IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH OF THE INSERT WITH A LAMINATED SHIM A864A1151A020 IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.
DETAIL AD
INSTALL:
NAS1474A3 NUT PLATE
MS20426E3-5 RIVET (2 OFF)
HOLE Ø4.826÷4.946
ACCORDING TO P/N 8G5330A34631
SECTION AF-AF
(TYP 6 PLACES)
4F5330A73251
FUEL TANK FLOOR MAIN
TRANSVERSE PROFILE (REF)
8G5330A27731
FUEL COMPARTMENT
FRONT PANEL ASSY
(REF)
8G5330A27731
FUEL COMPARTMENT FRONT PANEL ASSY (REF)
HOLE Ø9.50÷9.60
ACCORDING TO P/N 8G5330A33832
SECTION AE-AE
(TYP 2 PLACES)
INSTALL:
AW007TE-30-117 INSERT
APPLY:
EA934.NA ADHESIVE
(SEE NOTE 3)

Figure 21

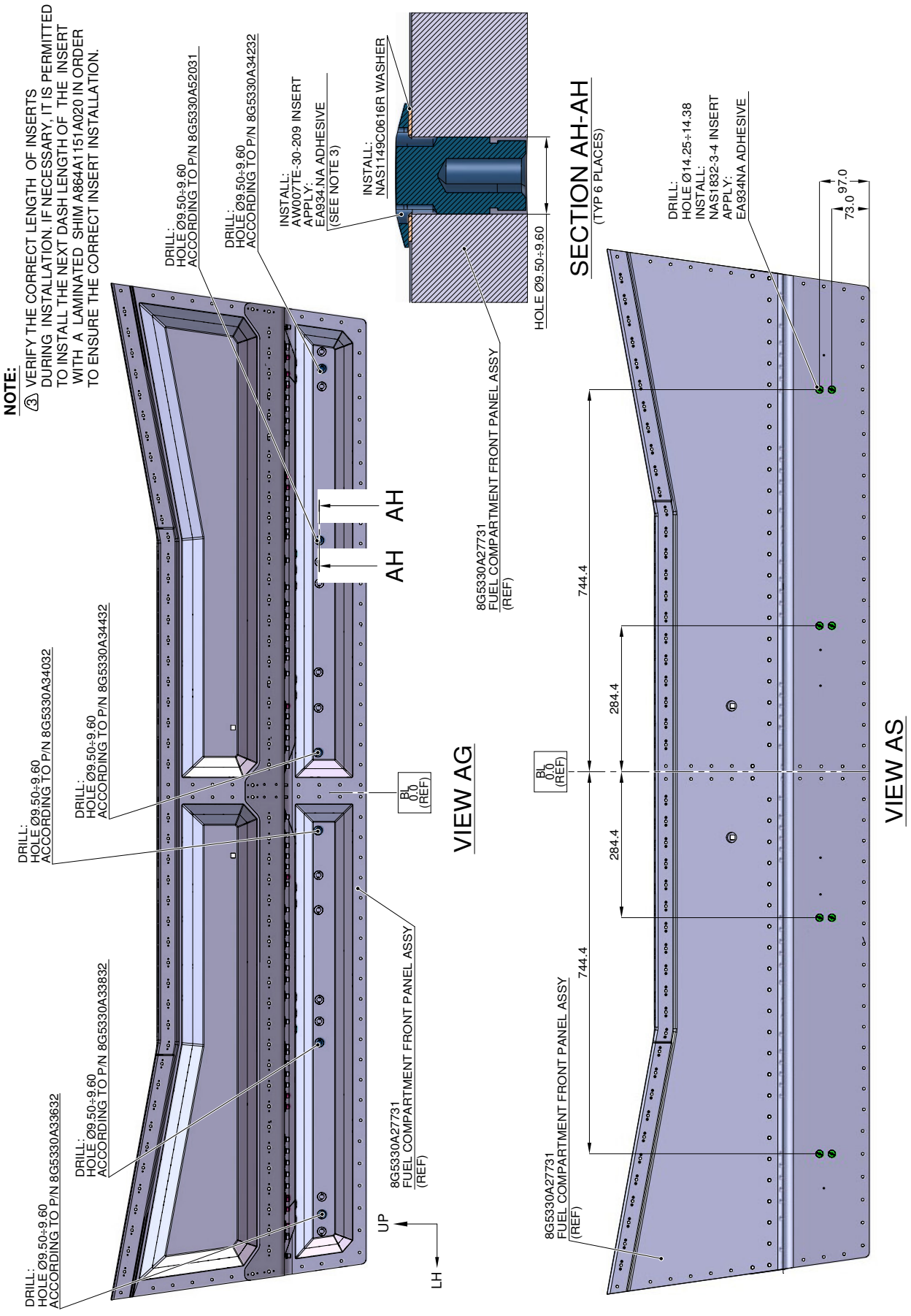
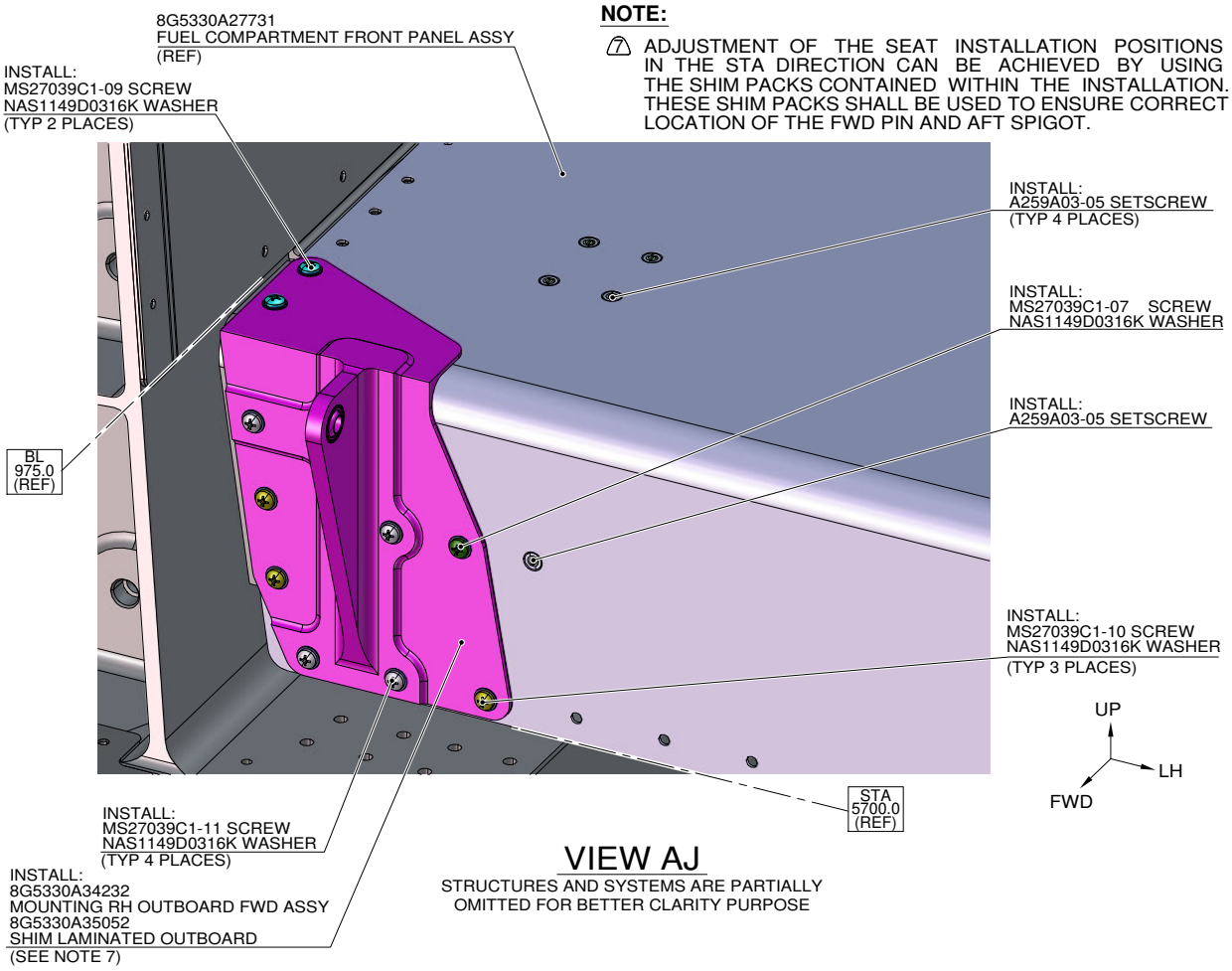

NOTE:
③ VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION. IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH OF THE INSERT WITH A LAMINATED SHIM A864A1151A020 IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.
DRILL: HOLE Ø9.50÷9.60 ACCORDING TO P/N 8G5330A34032
DRILL: HOLE Ø9.50÷9.60 ACCORDING TO P/N 8G5330A34432
DRILL: HOLE Ø9.50÷9.60 ACCORDING TO P/N 8G5330A33832
DRILL: HOLE Ø9.50÷9.60 ACCORDING TO P/N 8G5330A33632
DRILL: HOLE Ø9.50÷9.60 ACCORDING TO P/N 8G5330A52031
DRILL: HOLE Ø9.50÷9.60 ACCORDING TO P/N 8G5330A34232
INSTALL: AW0077TE-30-209 INSERT
APPLY: EA934 NA ADHESIVE
(SEE NOTE 3)
INSTALL: NAS1149C0616R WASHER
HOLE Ø9.50÷9.60
8G5330A27731 FUEL COMPARTMENT FRONT PANEL ASSY (REF)
AH AH
BL 0.0 (REF)
VIEW AG
UP
LH
SECTION AH-AH
(TYP 6 PLACES)
DRILL: HOLE Ø14.25÷14.38
INSTALL: NAS1832-3-4 INSERT
APPLY: EA934NA ADHESIVE
97.0
73.0
744.4
284.4
284.4
744.4
BL 0.0 (REF)
8G5330A27731 FUEL COMPARTMENT FRONT PANEL ASSY (REF)
VIEW AS

Figure 22

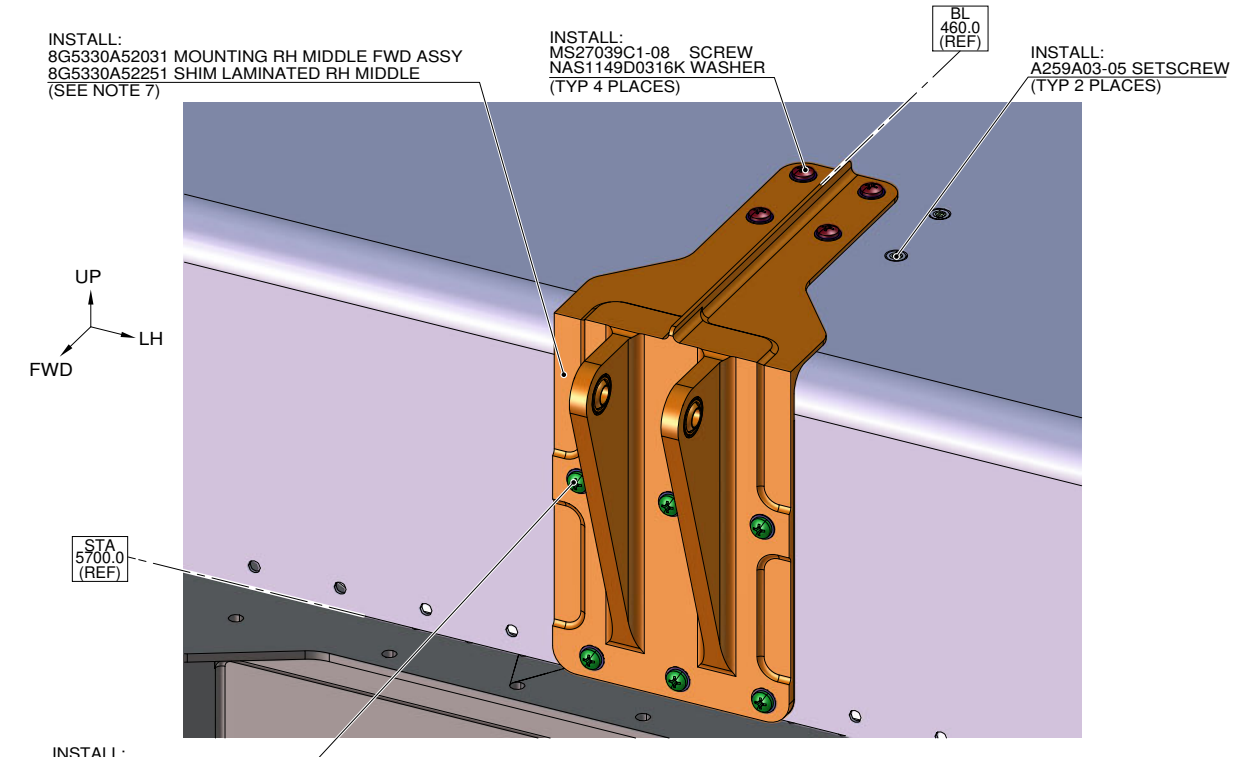


NOTE:

7. ADJUSTMENT OF THE SEAT INSTALLATION POSITIONS IN THE STA DIRECTION CAN BE ACHIEVED BY USING THE SHIM PACKS CONTAINED WITHIN THE INSTALLATION. THESE SHIM PACKS SHALL BE USED TO ENSURE CORRECT LOCATION OF THE FWD PIN AND AFT SPIGOT.

VIEW AJ

STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



VIEW AK

STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 23

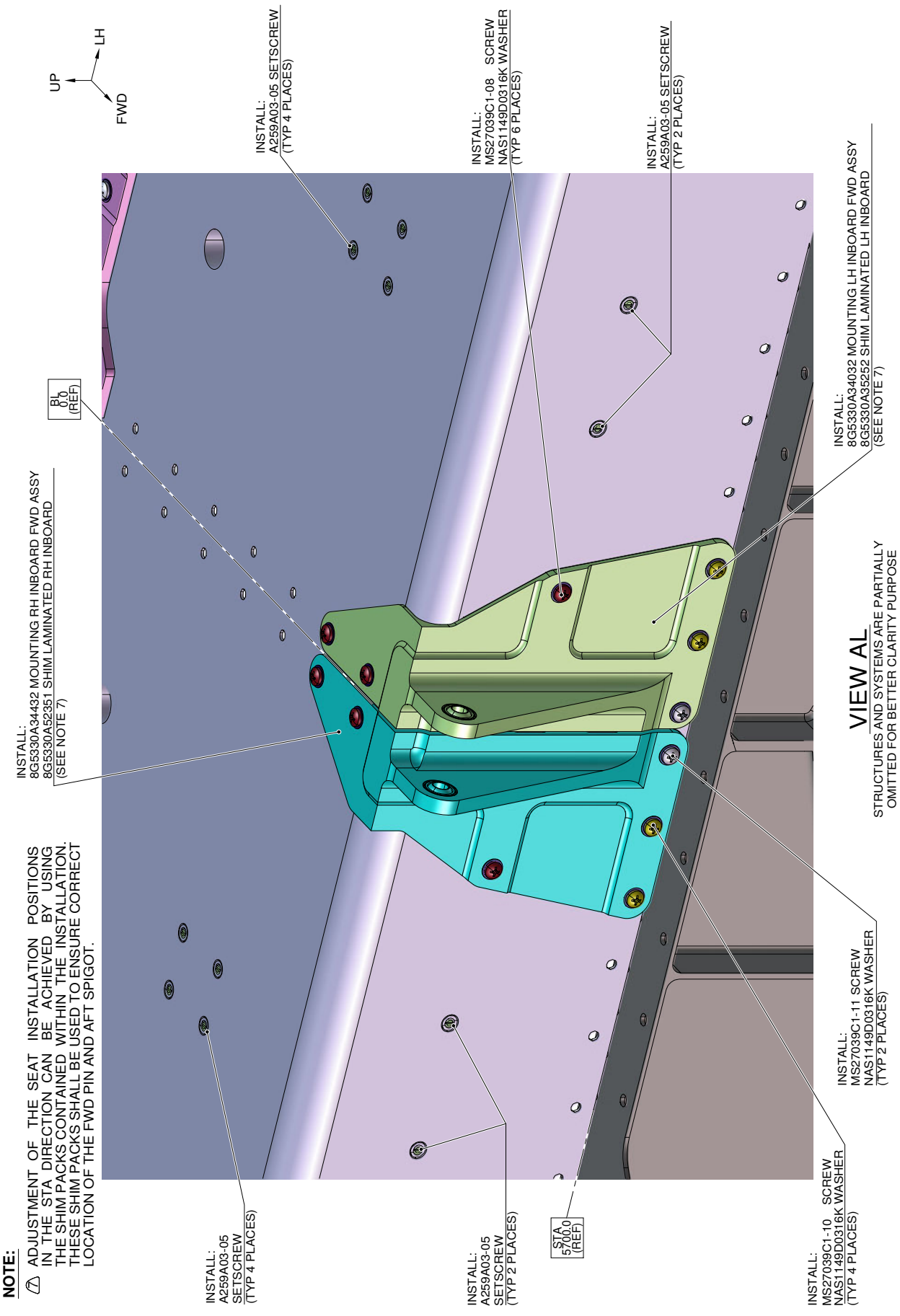

UP
LH
FWD
INSTALL:
A259A03-05 SETSCREW
(TYP 4 PLACES)
INSTALL:
MS27039C1-08 SCREW
NAS1149D0316K WASHER
(TYP 6 PLACES)
INSTALL:
A259A03-05 SETSCREW
(TYP 2 PLACES)
BL
0.0
(REF)
INSTALL:
8G5330A34032 MOUNTING RH INBOARD FWD ASSY
8G5330A52351 SHIM LAMINATED RH INBOARD
(SEE NOTE 7)
INSTALL:
8G5330A34032 MOUNTING LH INBOARD FWD ASSY
8G5330A35252 SHIM LAMINATED LH INBOARD
(SEE NOTE 7)
VIEW AL
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
INSTALL:
MS27039C1-11 SCREW
NAS1149D0316K WASHER
(TYP 2 PLACES)
INSTALL:
A259A03-05
SETSCREW
(TYP 4 PLACES)
INSTALL:
A259A03-05
SETSCREW
(TYP 2 PLACES)
STA
570.00
(REF)
INSTALL:
MS27039C1-10 SCREW
NAS1149D0316K WASHER
(TYP 4 PLACES)
NOTE:
ADJUSTMENT OF THE SEAT INSTALLATION POSITIONS IN THE STA DIRECTION CAN BE ACHIEVED BY USING THE SHIM PACKS CONTAINED WITHIN THE INSTALLATION. THESE SHIM PACKS SHALL BE USED TO ENSURE CORRECT LOCATION OF THE FWD PIN AND AFT SPIGOT.

Figure 24

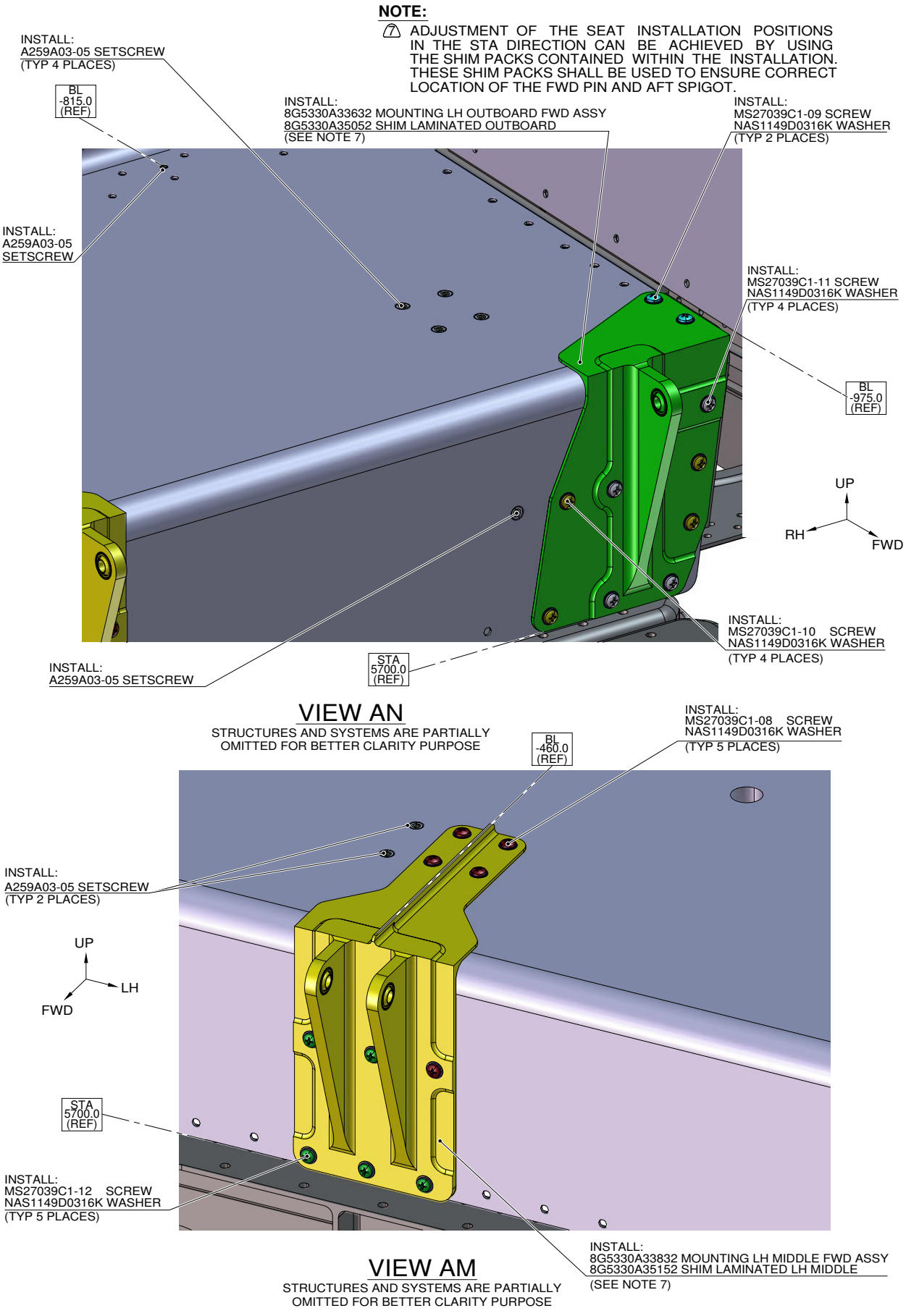

NOTE:
7 ADJUSTMENT OF THE SEAT INSTALLATION POSITIONS IN THE STA DIRECTION CAN BE ACHIEVED BY USING THE SHIM PACKS CONTAINED WITHIN THE INSTALLATION. THESE SHIM PACKS SHALL BE USED TO ENSURE CORRECT LOCATION OF THE FWD PIN AND AFT SPIGOT.
INSTALL:
A259A03-05 SETSCREW
(TYP 4 PLACES)
BL
-815.0
(REF)
INSTALL:
8G5330A33632 MOUNTING LH OUTBOARD FWD ASSY
8G5330A35052 SHIM LAMINATED OUTBOARD
(SEE NOTE 7)
INSTALL:
MS27039C1-09 SCREW
NAS1149D0316K WASHER
(TYP 2 PLACES)
INSTALL:
A259A03-05
SETSCREW
INSTALL:
MS27039C1-11 SCREW
NAS1149D0316K WASHER
(TYP 4 PLACES)
BL
-975.0
(REF)
UP
RH
FWD
INSTALL:
MS27039C1-10 SCREW
NAS1149D0316K WASHER
(TYP 4 PLACES)
INSTALL:
A259A03-05 SETSCREW
STA
5700.0
(REF)
VIEW AN
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
INSTALL:
MS27039C1-08 SCREW
NAS1149D0316K WASHER
(TYP 5 PLACES)
BL
-460.0
(REF)
INSTALL:
A259A03-05 SETSCREW
(TYP 2 PLACES)
UP
LH
FWD
STA
5700.0
(REF)
INSTALL:
MS27039C1-12 SCREW
NAS1149D0316K WASHER
(TYP 5 PLACES)
INSTALL:
8G5330A33832 MOUNTING LH MIDDLE FWD ASSY
8G5330A35152 SHIM LAMINATED LH MIDDLE
(SEE NOTE 7)
VIEW AM
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 25

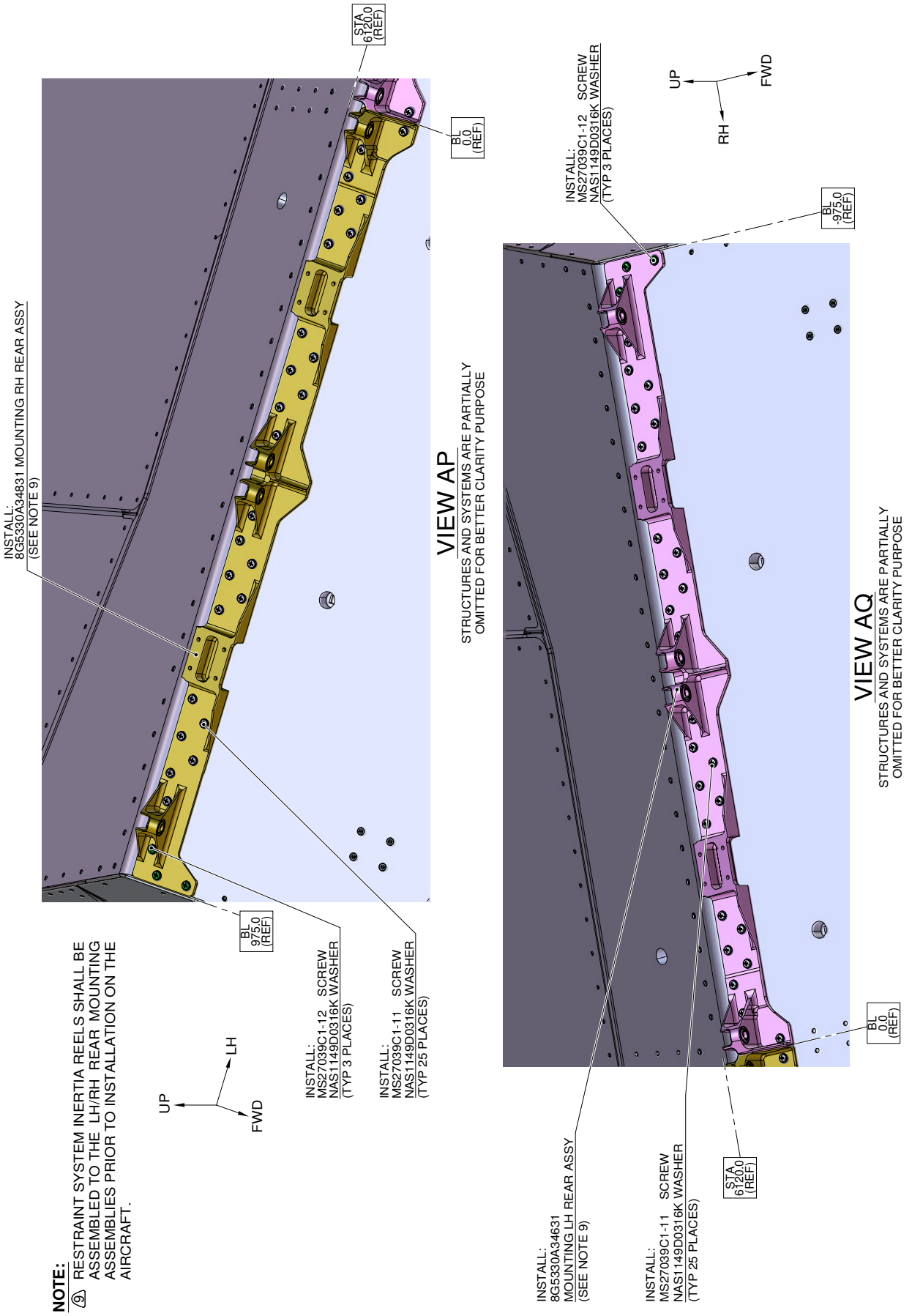

INSTALL:
8G5330A34831 MOUNTING RH REAR ASSY
(SEE NOTE 9)
STA
6120.0
(REF)
BL
0.0
(REF)
BL
975.0
(REF)
INSTALL:
MS27039C1-12 SCREW
NAS1149D0316K WASHER
(TYP 3 PLACES)
INSTALL:
MS27039C1-11 SCREW
NAS1149D0316K WASHER
(TYP 25 PLACES)
UP
LH
FWD
VIEW AP
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
INSTALL:
MS27039C1-12 SCREW
NAS1149D0316K WASHER
(TYP 3 PLACES)
UP
RH
FWD
BL
-975.0
(REF)
INSTALL:
8G5330A34631
MOUNTING LH REAR ASSY
(SEE NOTE 9)
INSTALL:
MS27039C1-11 SCREW
NAS1149D0316K WASHER
(TYP 25 PLACES)
STA
6120.0
(REF)
BL
0.0
(REF)
VIEW AQ
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
NOTE:
⑨ RESTRAINT SYSTEM INERTIA REELS SHALL BE ASSEMBLED TO THE LH/RH REAR MOUNTING ASSEMBLIES PRIOR TO INSTALLATION ON THE AIRCRAFT.

Figure 26

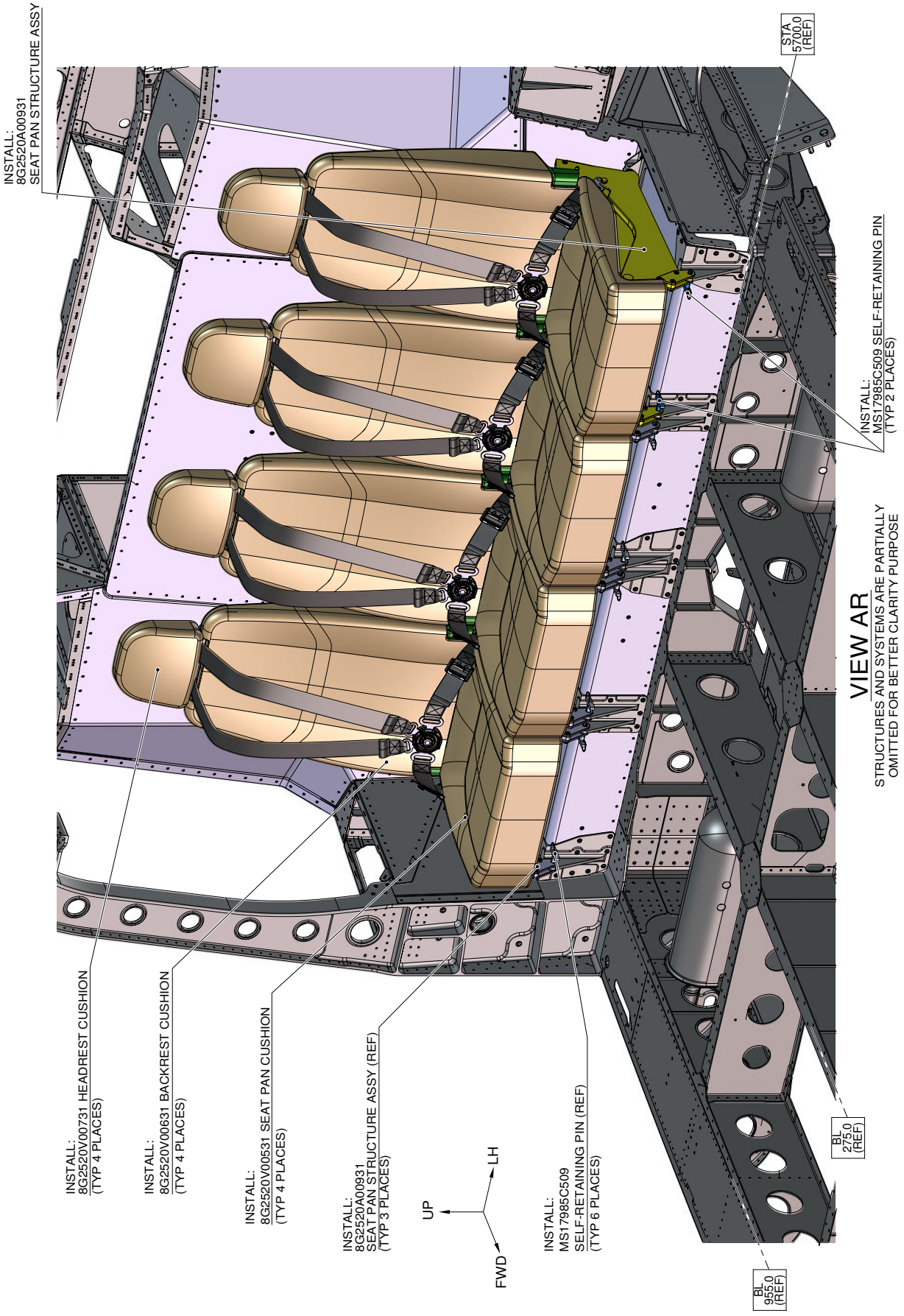

INSTALL:
8G2520A00931
SEAT PAN STRUCTURE ASSY
STA
5700.0
(REF)
INSTALL:
MS17985C509 SELF-RETAINING PIN
(TYP 2 PLACES)
VIEW AR
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
INSTALL:
8G2520V00731 HEADREST CUSHION
(TYP 4 PLACES)
INSTALL:
8G2520V00631 BACKREST CUSHION
(TYP 4 PLACES)
INSTALL:
8G2520V00531 SEAT PAN CUSHION
(TYP 4 PLACES)
INSTALL:
8G2520A00931
SEAT PAN STRUCTURE ASSY (REF)
(TYP 3 PLACES)
UP
LH
FWD
INSTALL:
MS17985C509
SELF-RETAINING PIN (REF)
(TYP 6 PLACES)
BL
275.0
(REF)
BL
955.0
(REF)

Figure 27

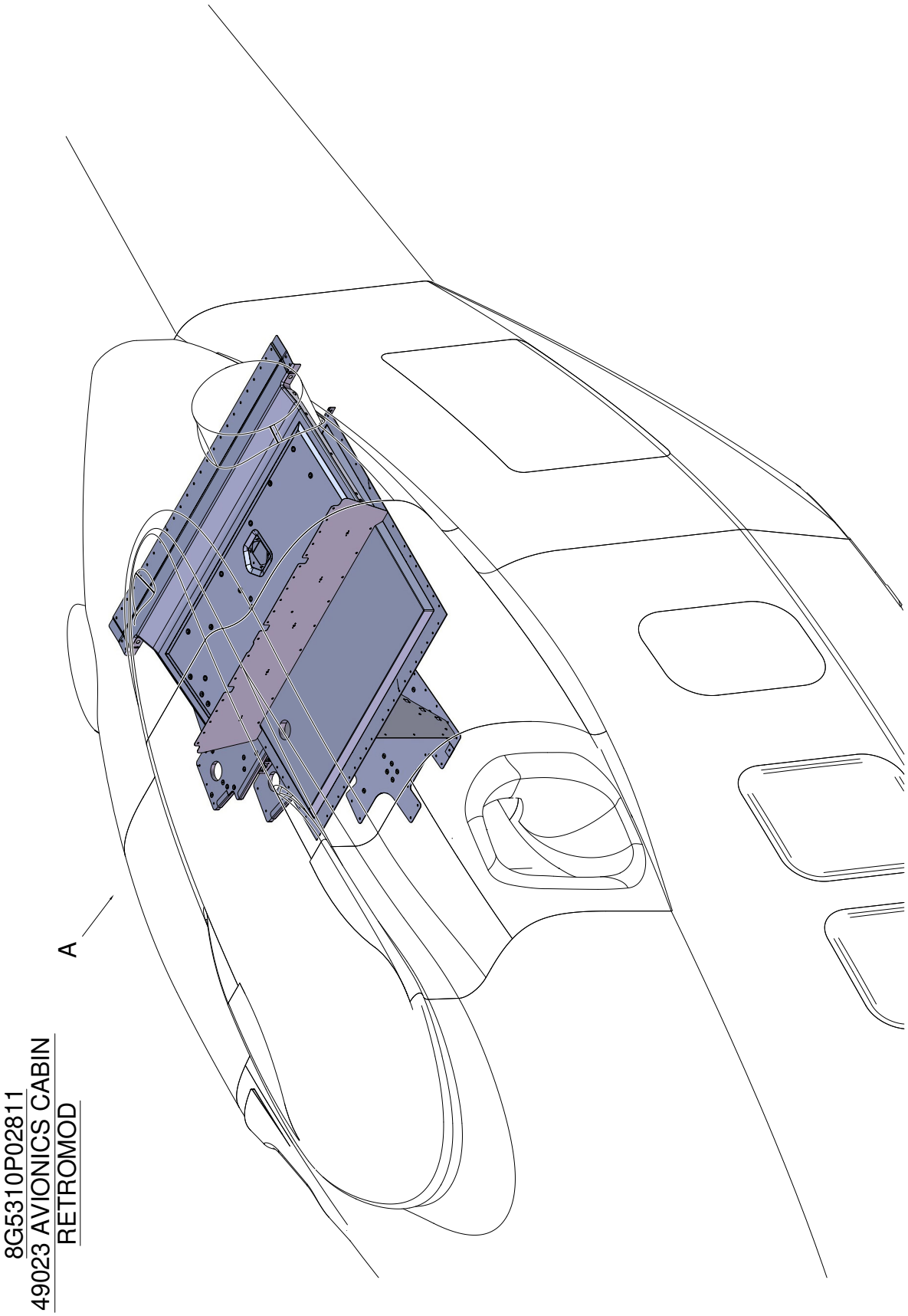


Figure 28

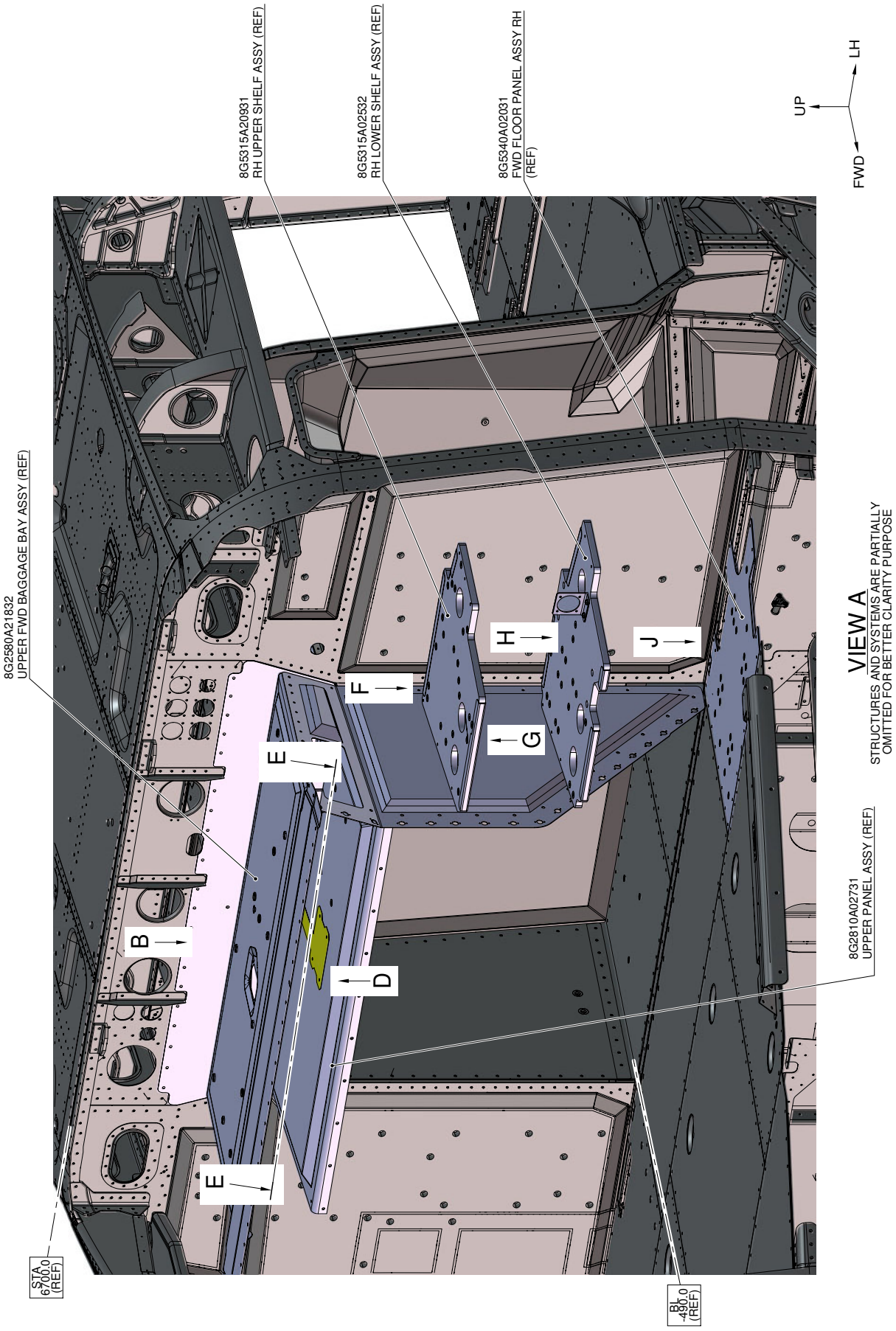
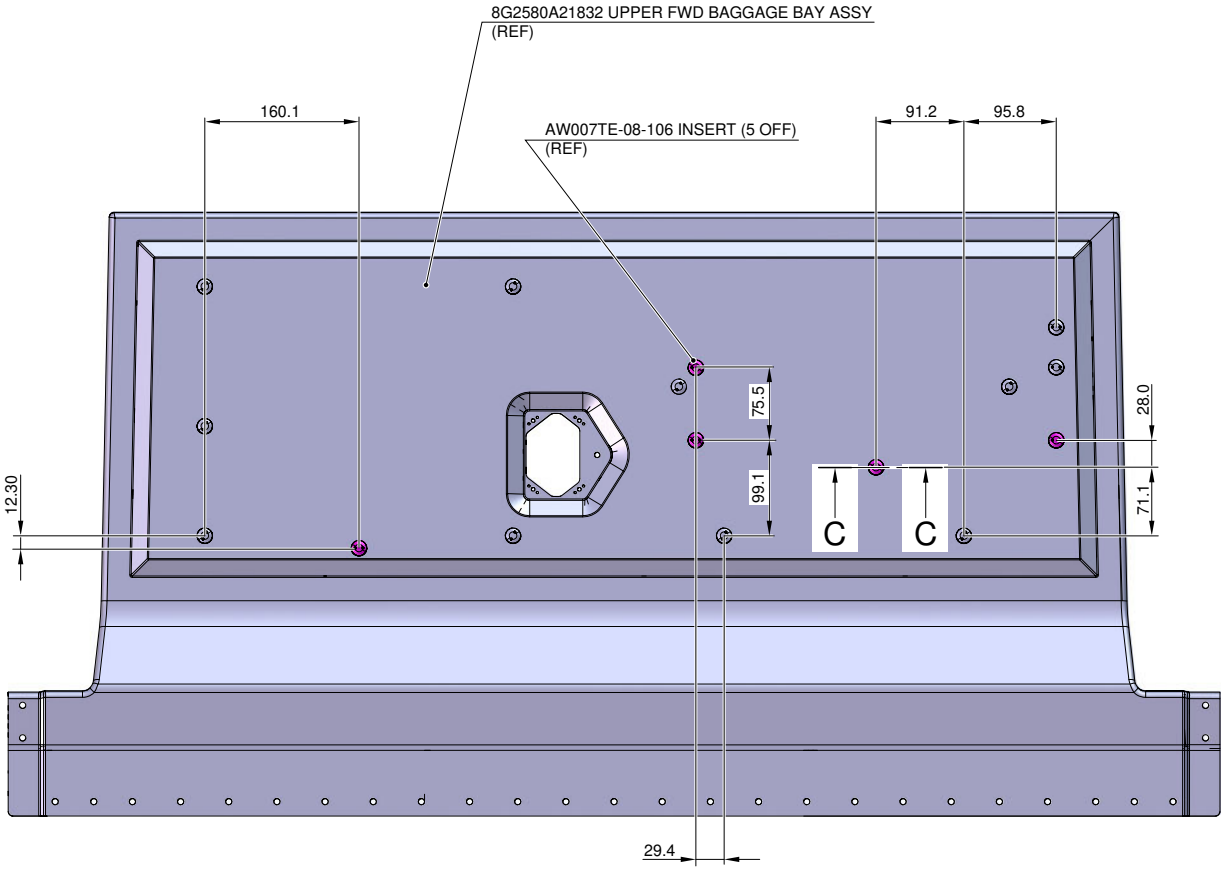
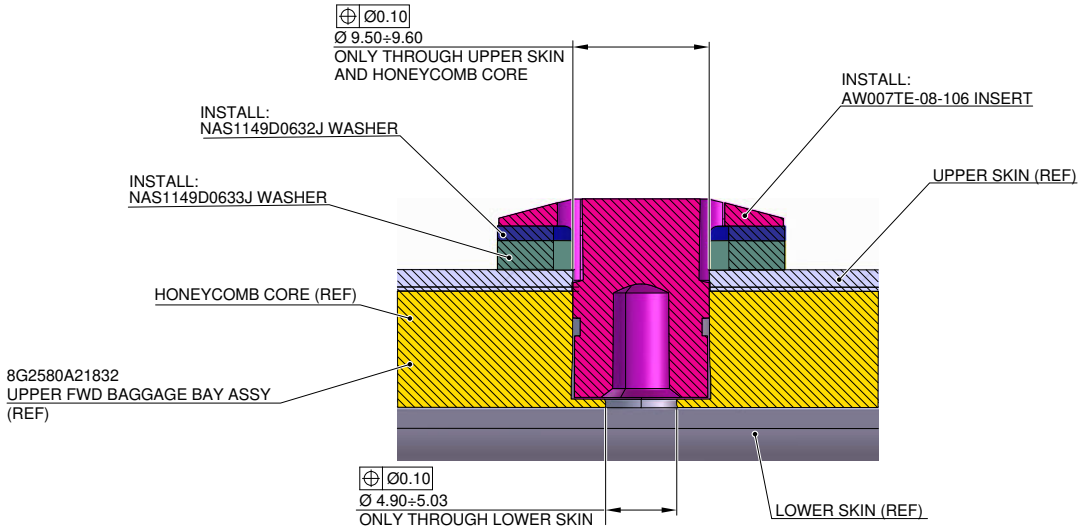

8G5315A20931
RH UPPER SHELF ASSY (REF)
8G5315A02532
RH LOWER SHELF ASSY (REF)
8G5340A02031
FWD FLOOR PANEL ASSY RH
(REF)
UP
LH
FWD
8G2580A21832
UPPER FWD BAGGAGE BAY ASSY (REF)
VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
8G2810A02731
UPPER PANEL ASSY (REF)
STA
6700.0
(REF)
BL
-490.0
(REF)

Figure 29



VIEW B



SECTION C-C
(TYP 5 PLACES)

Figure 30

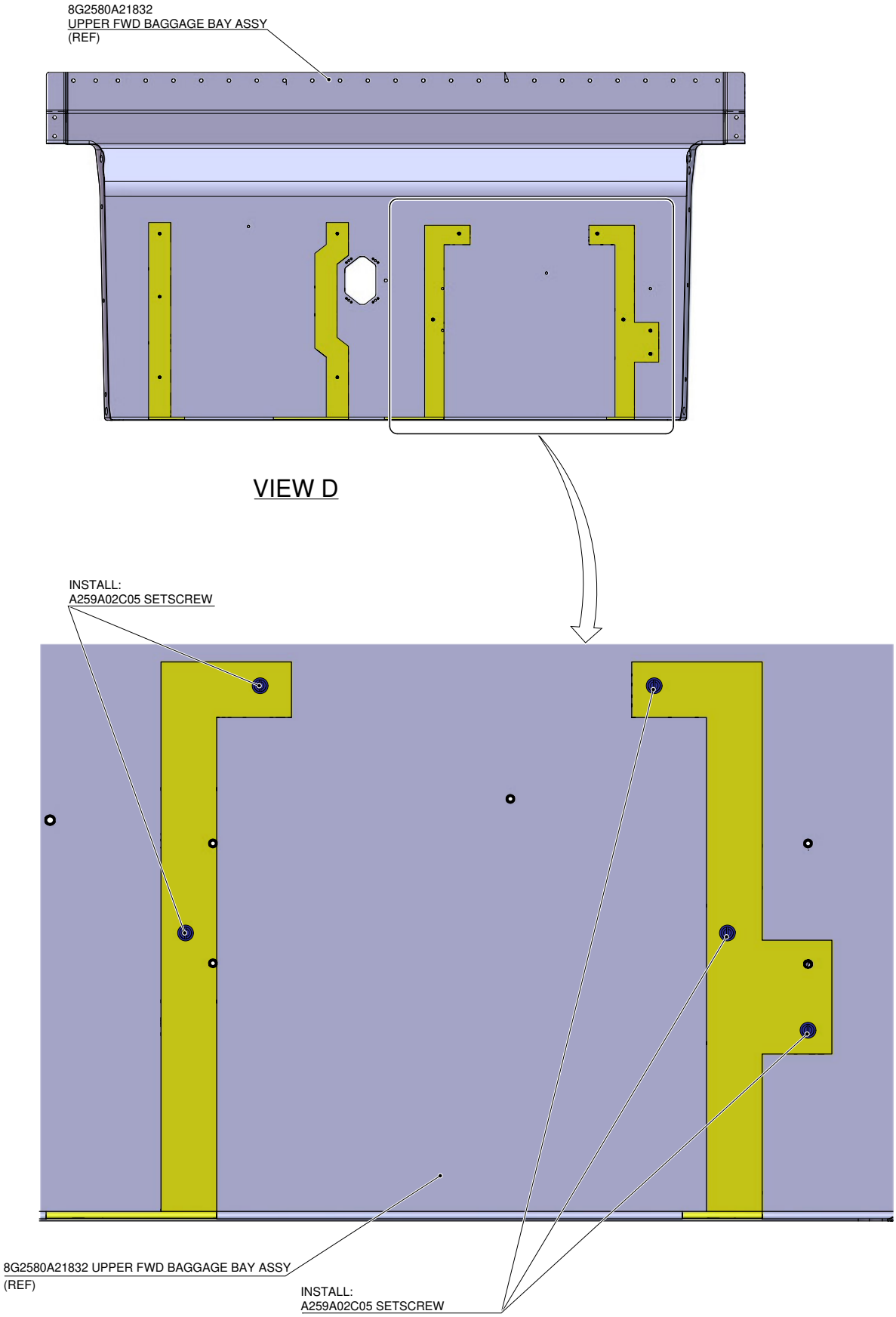

8G2580A21832
UPPER FWD BAGGAGE BAY ASSY
(REF)
VIEW D
INSTALL:
A259A02C05 SETSCREW
8G2580A21832 UPPER FWD BAGGAGE BAY ASSY
(REF)
INSTALL:
A259A02C05 SETSCREW

Figure 31

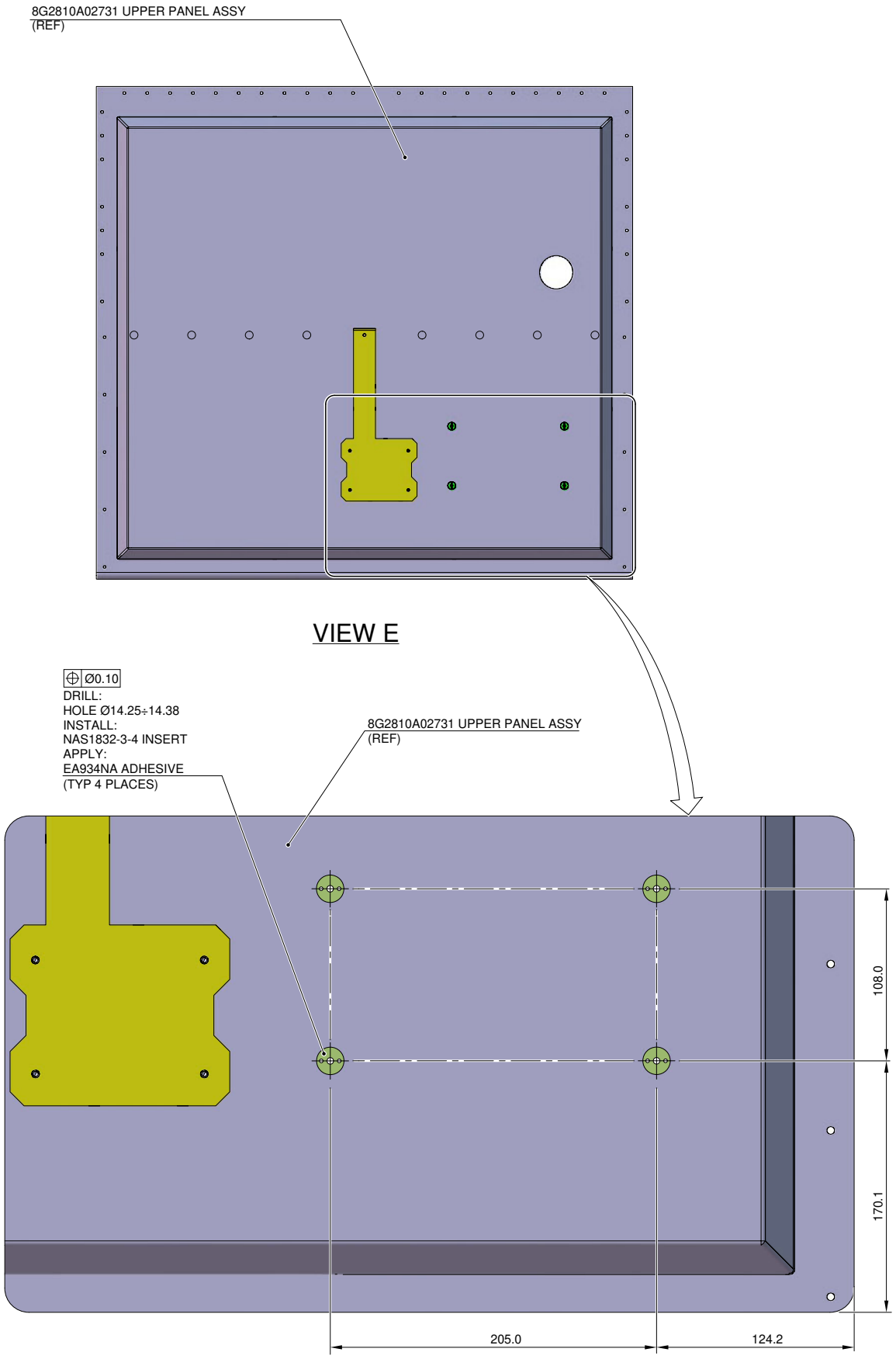

8G2810A02731 UPPER PANEL ASSY
(REF)
VIEW E
Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-3-4 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 4 PLACES)
8G2810A02731 UPPER PANEL ASSY
(REF)
108.0
170.1
205.0
124.2

Figure 32

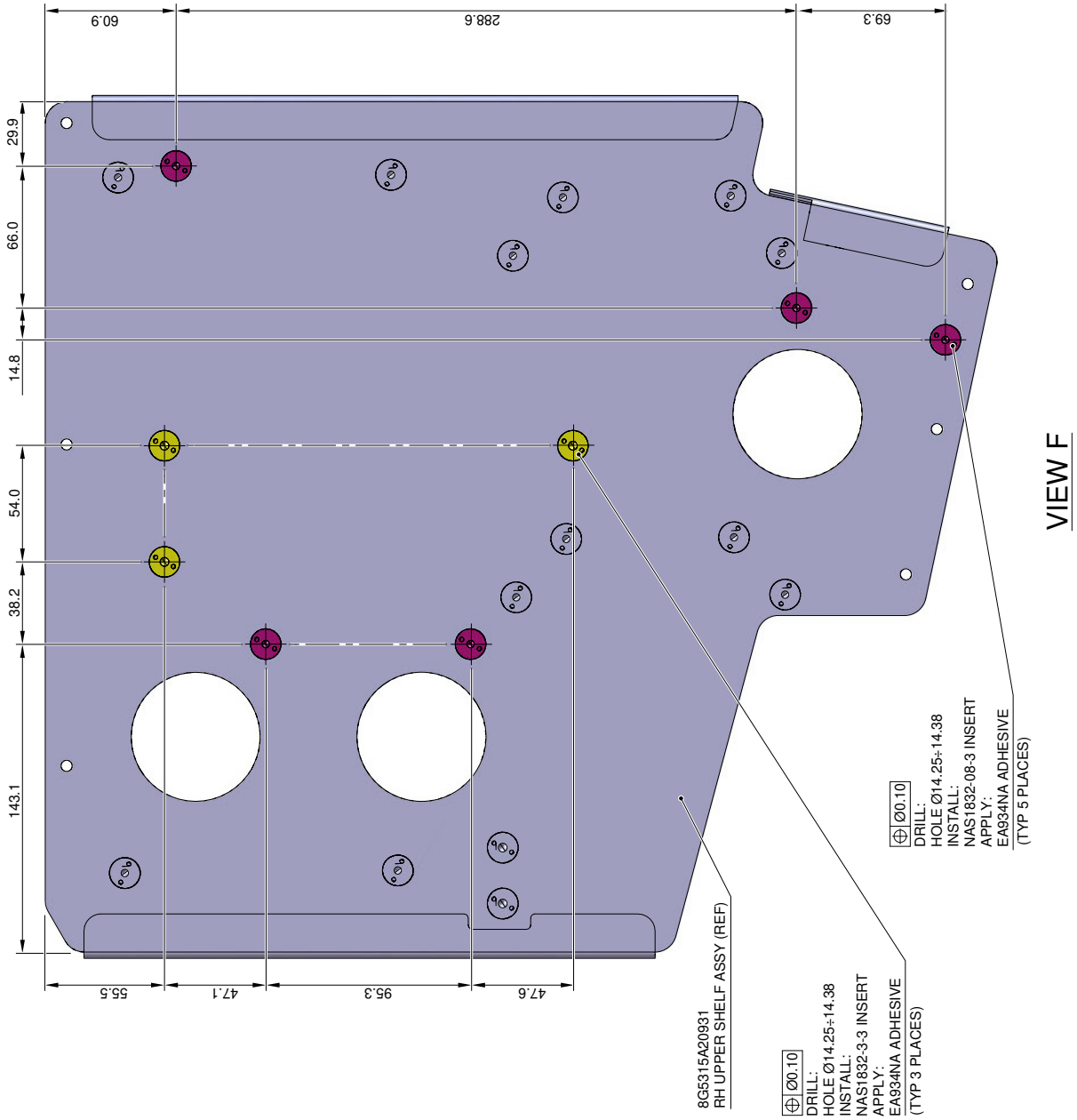

60.9
288.6
69.3
29.9
66.0
14.8
54.0
38.2
143.1
55.5
47.1
95.3
47.6
VIEW F
8G5315A20931
RH UPPER SHELF ASSY (REF)
Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-3-3 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 3 PLACES)
Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-08-3 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 5 PLACES)

Figure 33

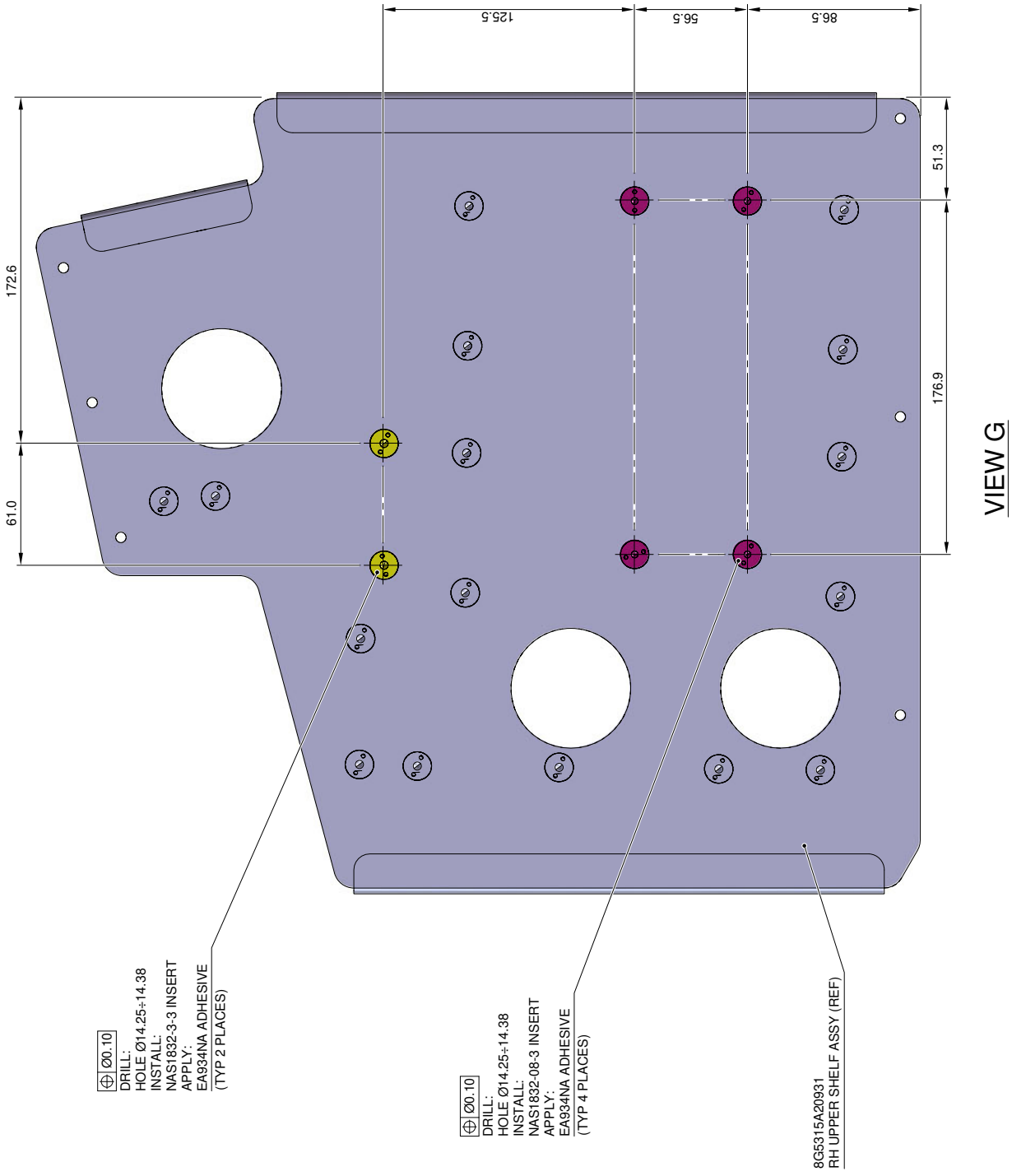

125.5
56.5
86.5
51.3
172.6
176.9
61.0
VIEW G
⊕ Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-3-3 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 2 PLACES)
⊕ Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-08-3 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 4 PLACES)
8G5315A20931
RH UPPER SHELF ASSY (REF)

Figure 34

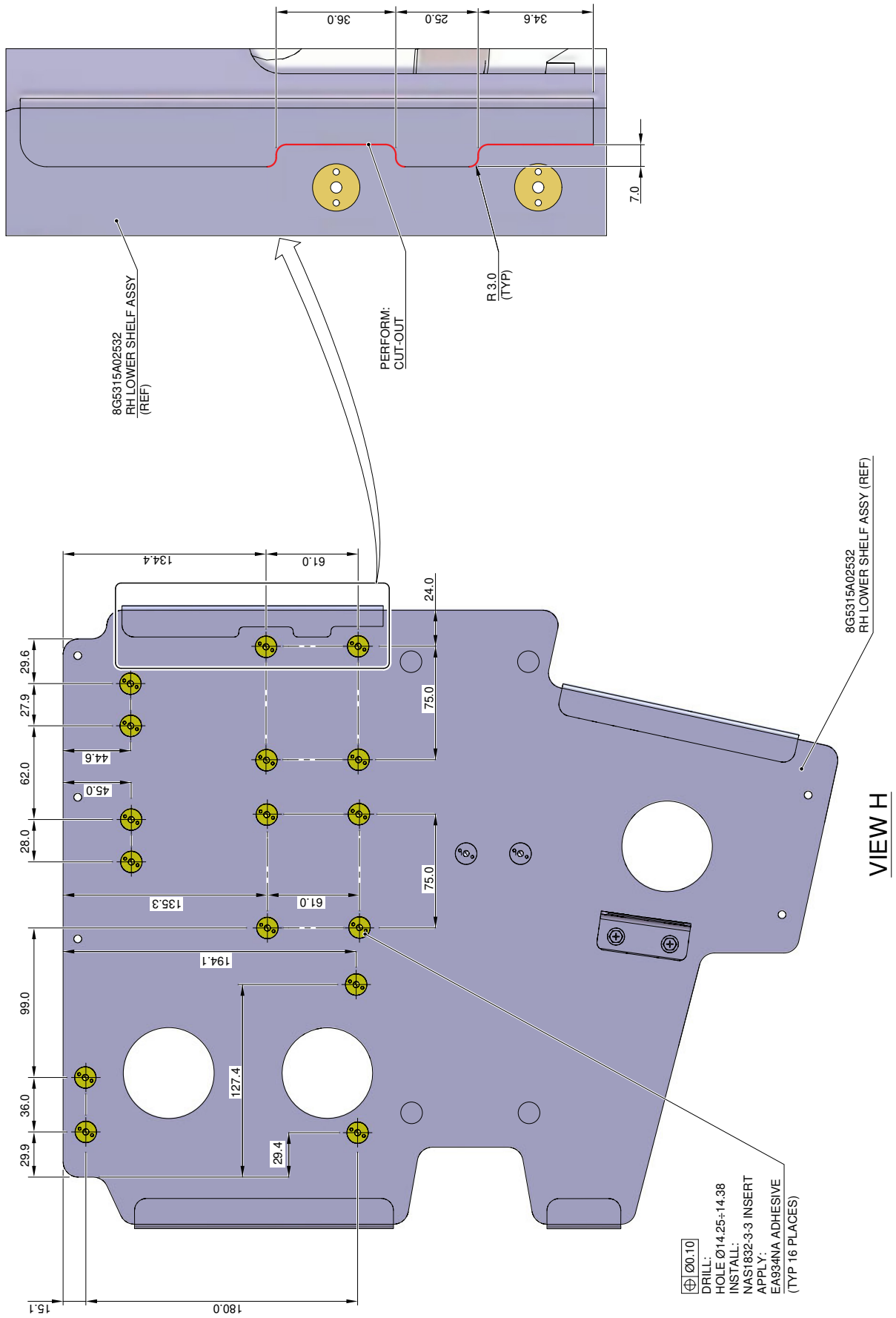

36.0
25.0
34.6
7.0
8G5315A02532
RH LOWER SHELF ASSY
(REF)
PERFORM:
CUT-OUT
R 3.0
(TYP)
8G5315A02532
RH LOWER SHELF ASSY (REF)
VIEW H
134.4
61.0
24.0
75.0
29.6
27.9
44.6
62.0
45.0
28.0
135.3
61.0
75.0
194.1
99.0
127.4
36.0
29.9
29.4
15.1
180.0
Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-3-3 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 16 PLACES)

Figure 35

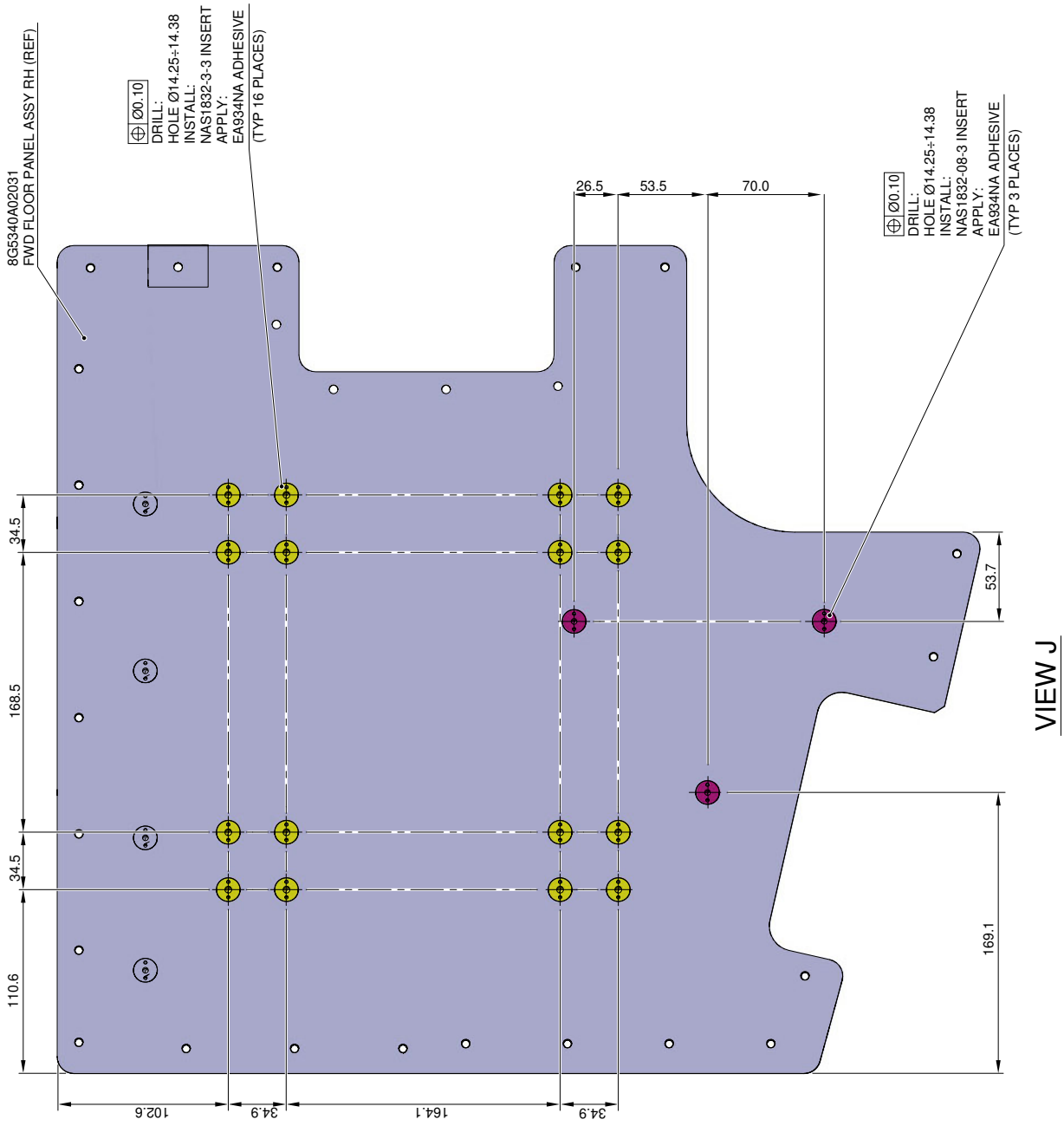

8G5340A02031
FWD FLOOR PANEL ASSY RH (REF)
Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-3-3 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 16 PLACES)
Ø0.10
DRILL:
HOLE Ø14.25÷14.38
INSTALL:
NAS1832-08-3 INSERT
APPLY:
EA934NA ADHESIVE
(TYP 3 PLACES)
26.5
53.5
70.0
34.5
168.5
34.5
110.6
53.7
169.1
102.6
34.9
164.1
34.9
VIEW J

Figure 36

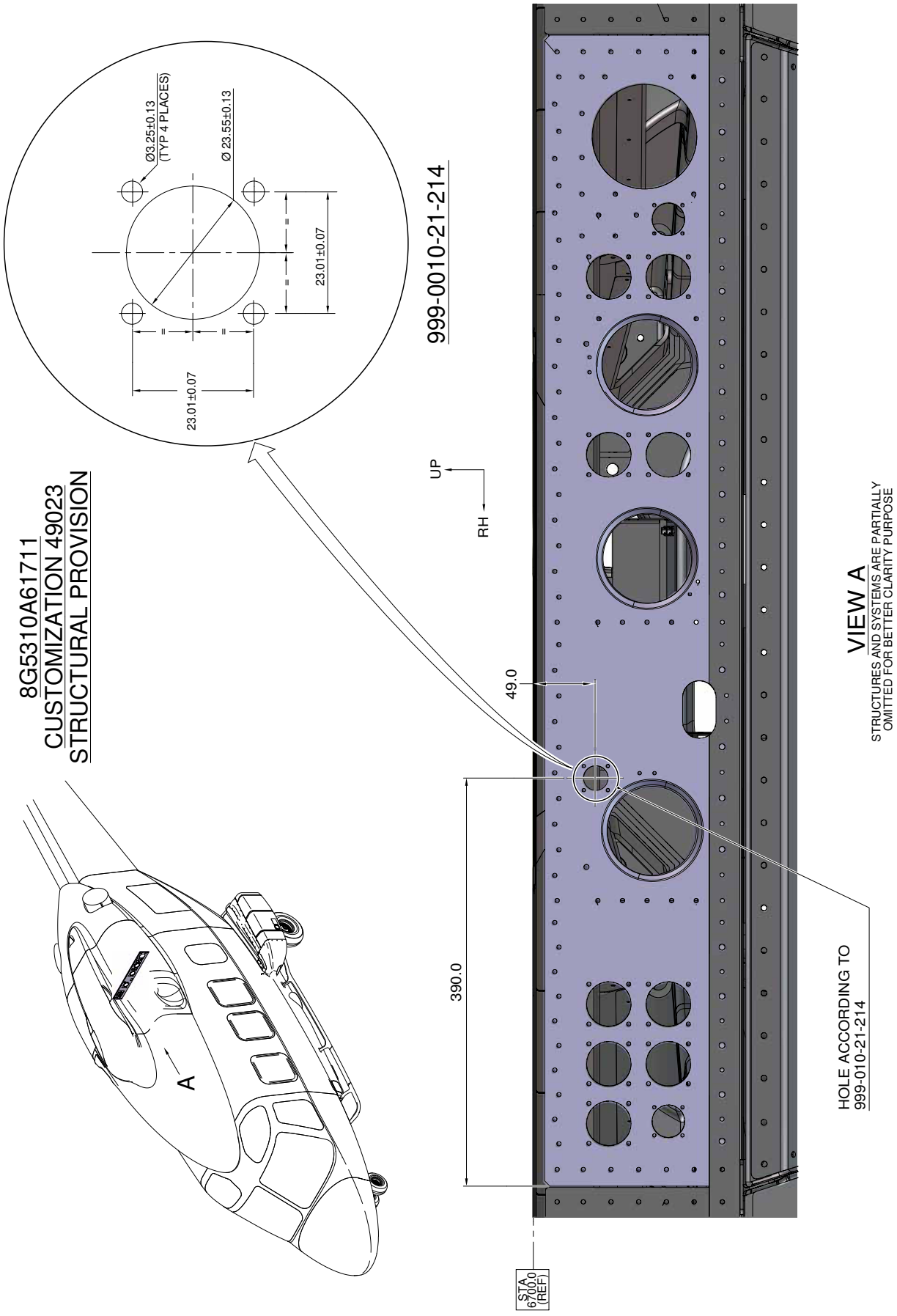

8G5310A61711
CUSTOMIZATION 49023
STRUCTURAL PROVISION
Ø3.25±0.13
(TYP 4 PLACES)
Ø 23.55±0.13
23.01±0.07
23.01±0.07
999-0010-21-214
UP
RH
A
49.0
390.0
VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
HOLE ACCORDING TO
999-010-21-214
STA
6700
(REF.)

Figure 37

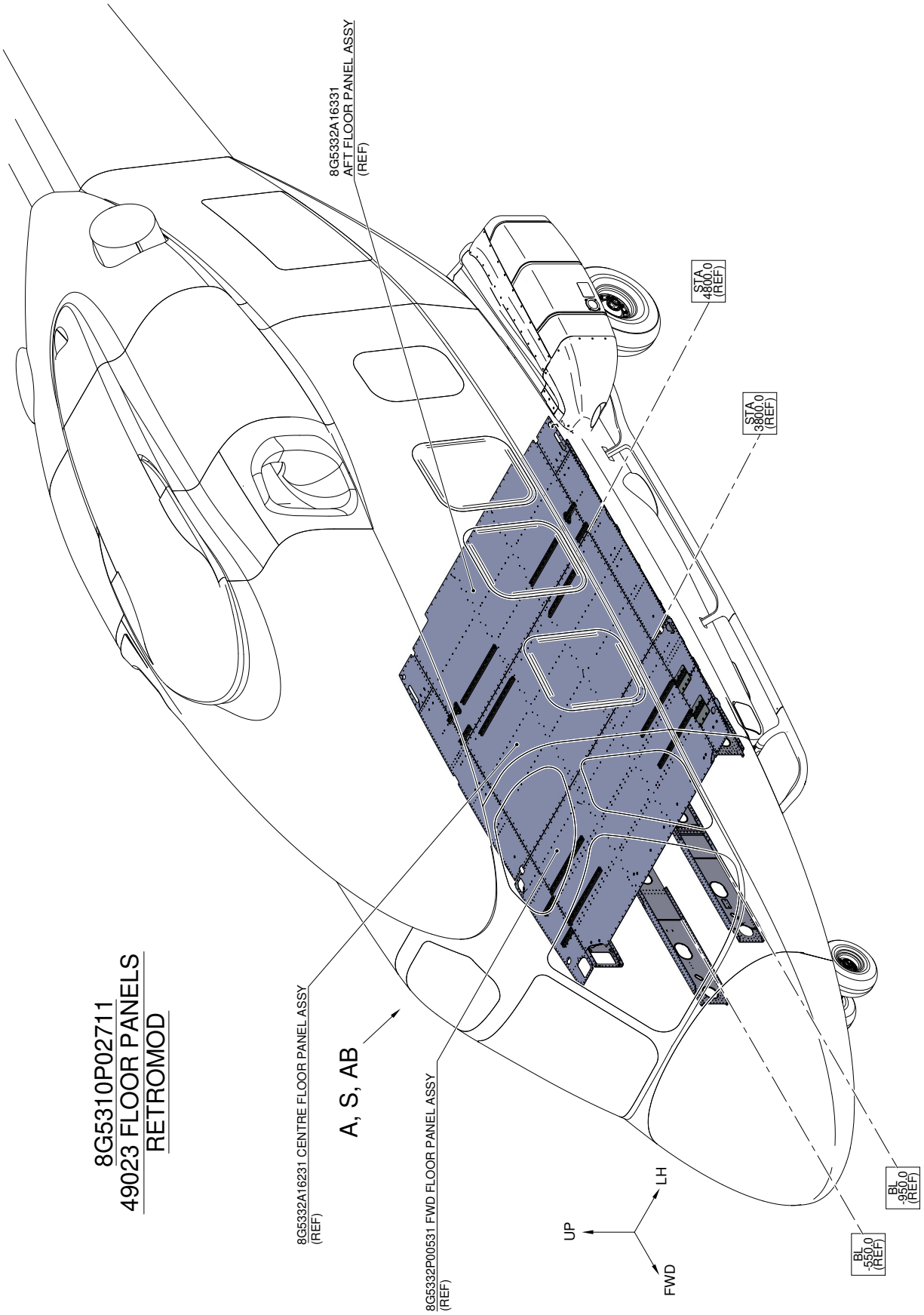

8G5310P02711
49023 FLOOR PANELS
RETROMOD
8G5332A16331
AFT FLOOR PANEL ASSY
(REF)
STA
4800.0
(REF)
STA
3800.0
(REF)
8G5332A16231 CENTRE FLOOR PANEL ASSY
(REF)
A, S, AB
8G5332P00531 FWD FLOOR PANEL ASSY
(REF)
UP
LH
FWD
BL
-950.0
(REF)
BL
-550.0
(REF)

Figure 38

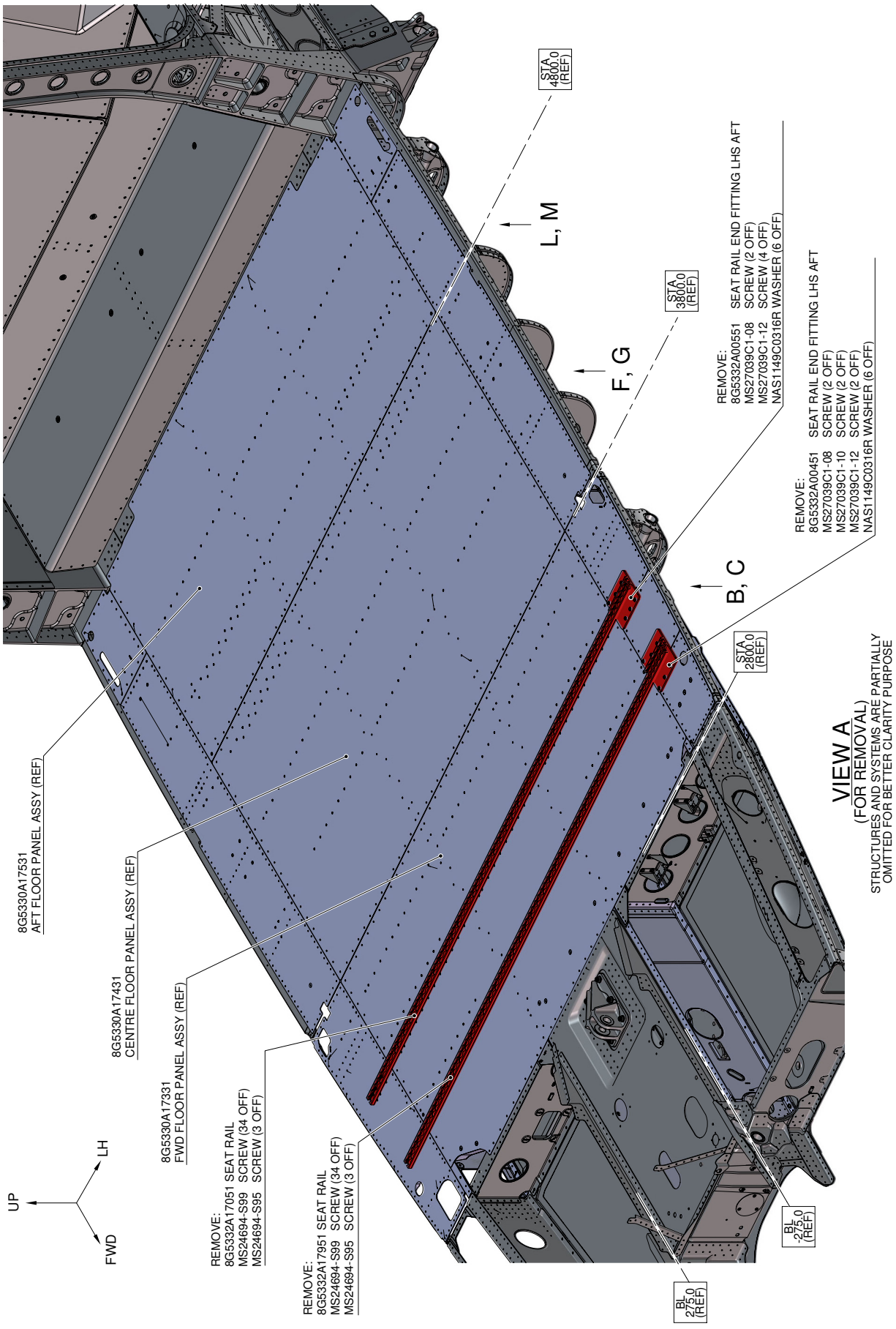

VIEW A
(FOR REMOVAL)
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
8G5330A17531
AFT FLOOR PANEL ASSY (REF)
8G5330A17431
CENTRE FLOOR PANEL ASSY (REF)
8G5330A17331
FWD FLOOR PANEL ASSY (REF)
REMOVE:
8G5332A17051 SEAT RAIL
MS24694-S99 SCREW (34 OFF)
MS24694-S95 SCREW (3 OFF)
REMOVE:
8G5332A17951 SEAT RAIL
MS24694-S99 SCREW (34 OFF)
MS24694-S95 SCREW (3 OFF)
REMOVE:
8G5332A00551 SEAT RAIL END FITTING LHS AFT
MS27039C1-08 SCREW (2 OFF)
MS27039C1-12 SCREW (4 OFF)
NAS1149C0316R WASHER (6 OFF)
REMOVE:
8G5332A00451 SEAT RAIL END FITTING LHS AFT
MS27039C1-08 SCREW (2 OFF)
MS27039C1-10 SCREW (2 OFF)
MS27039C1-12 SCREW (2 OFF)
NAS1149C0316R WASHER (6 OFF)
STA 4800.0 (REF)
STA 3800.0 (REF)
STA 2800.0 (REF)
BL 275.0 (REF)
BL -275.0 (REF)
L, M
F, G
B, C
UP
LH
FWD

Figure 39

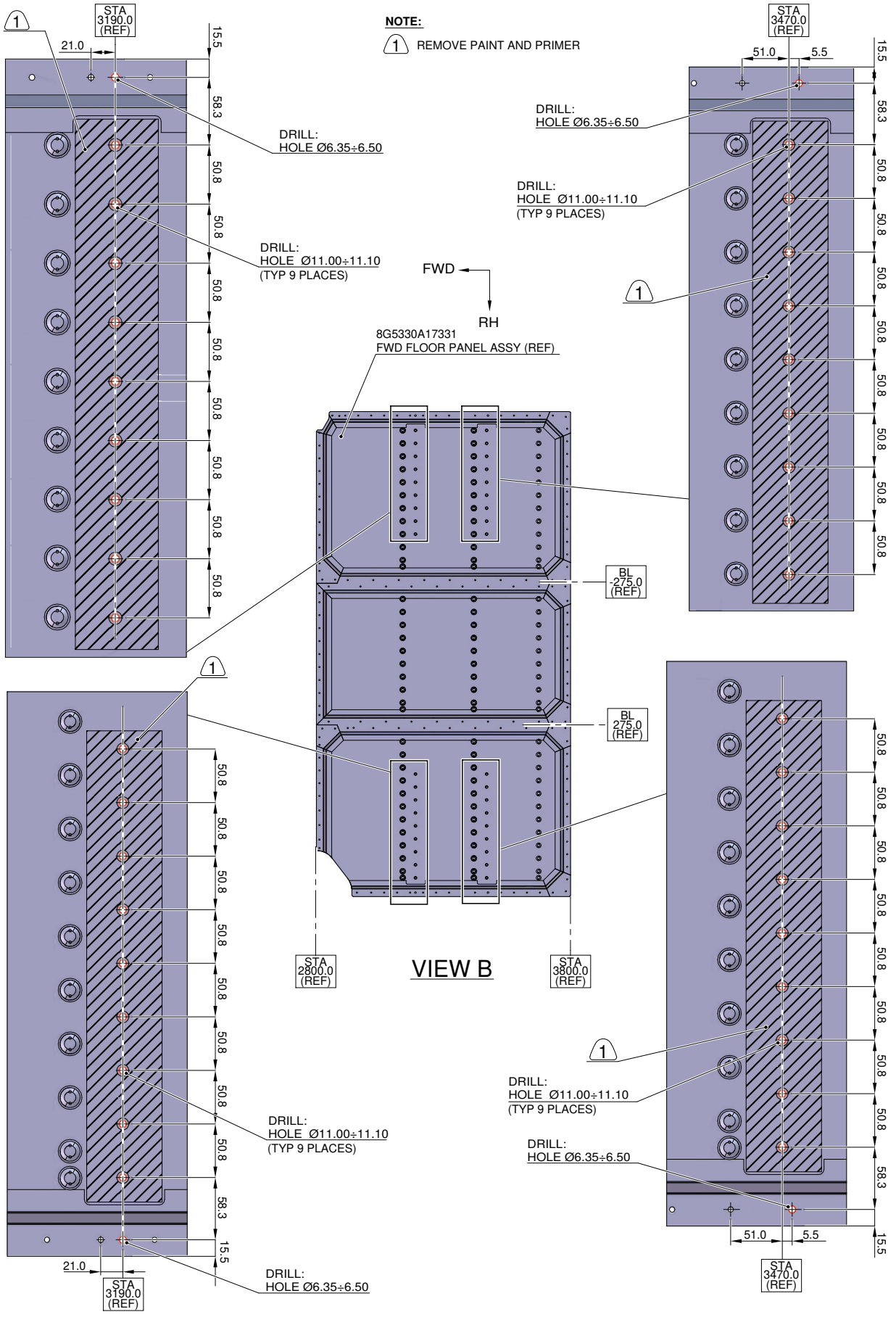

NOTE:
1 REMOVE PAINT AND PRIMER
STA 3190.0 (REF)
21.0
15.5
58.3
50.8
DRILL: HOLE Ø6.35÷6.50
DRILL: HOLE Ø11.00÷11.10 (TYP 9 PLACES)
FWD
RH
8G5330A17331
FWD FLOOR PANEL ASSY (REF)
STA 3470.0 (REF)
51.0
5.5
BL -275.0 (REF)
BL 275.0 (REF)
STA 2800.0 (REF)
STA 3800.0 (REF)
VIEW B

Figure 40

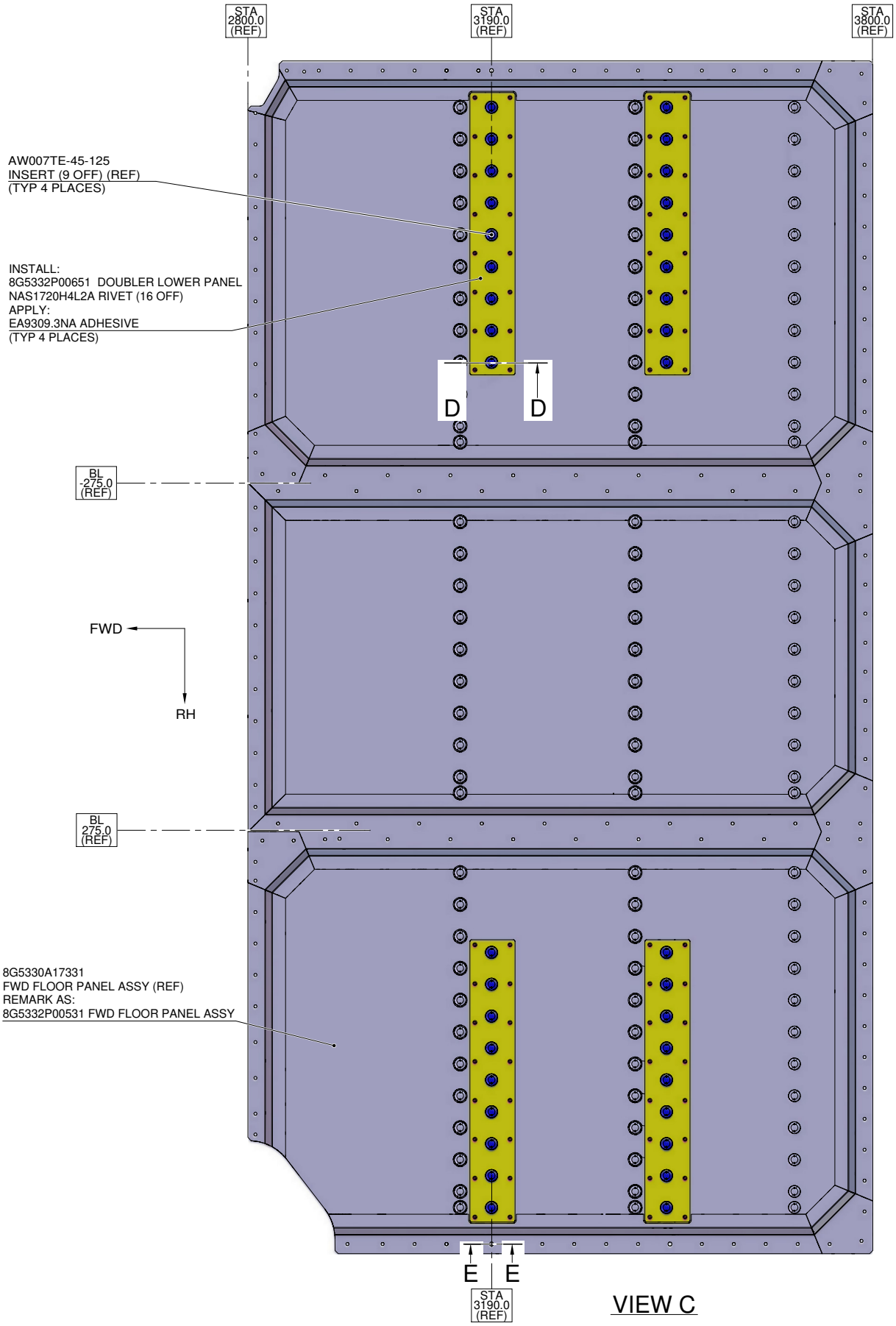
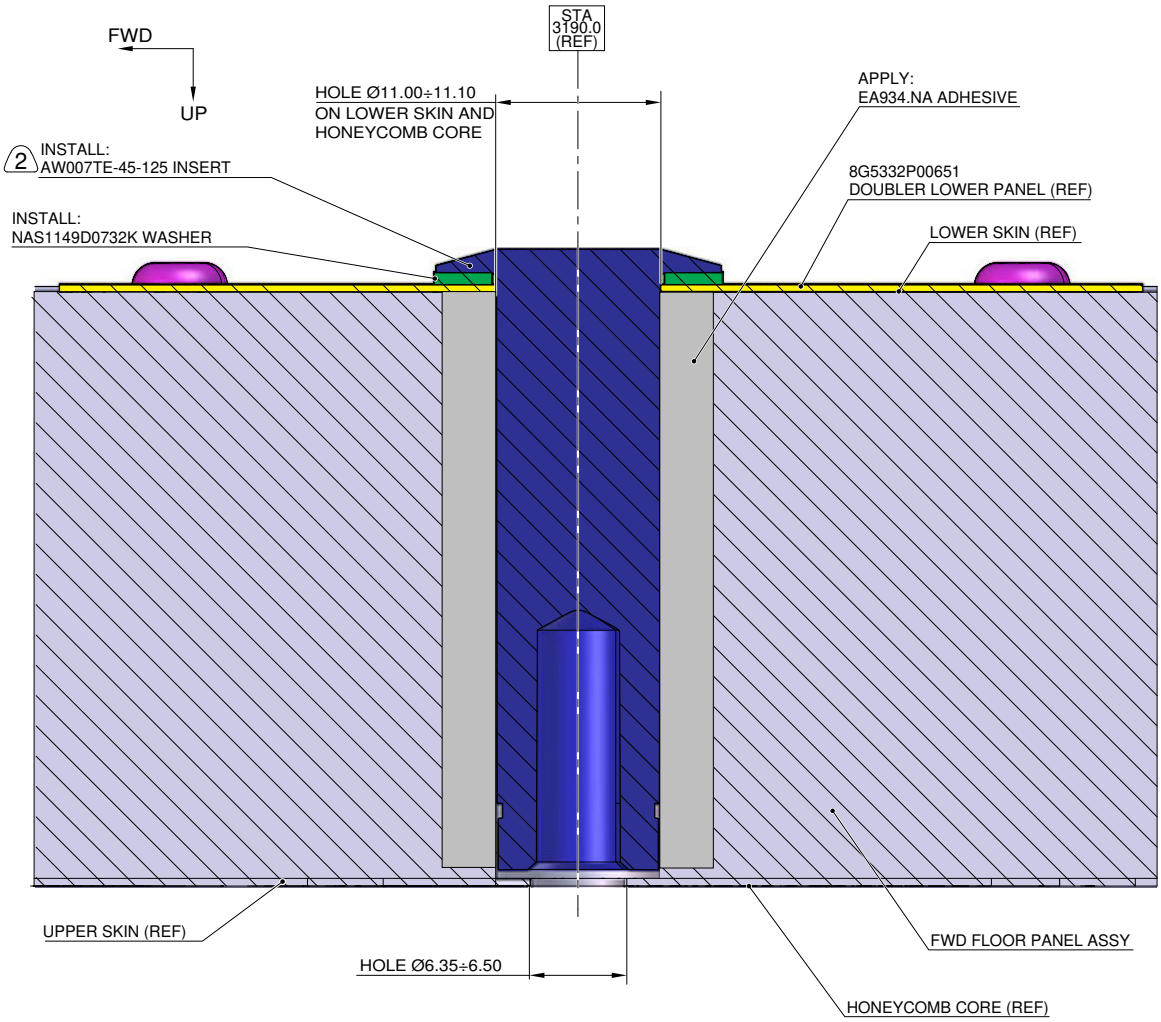

STA 2800.0 (REF)
STA 3190.0 (REF)
STA 3800.0 (REF)
AW007TE-45-125
INSERT (9 OFF) (REF)
(TYP 4 PLACES)
INSTALL:
8G5332P00651 DOUBLER LOWER PANEL
NAS1720H4L2A RIVET (16 OFF)
APPLY:
EA9309.3NA ADHESIVE
(TYP 4 PLACES)
D
D
BL -275.0 (REF)
FWD
RH
BL 275.0 (REF)
8G5330A17331
FWD FLOOR PANEL ASSY (REF)
REMARK AS:
8G5332P00531 FWD FLOOR PANEL ASSY
E
E
STA 3190.0 (REF)
VIEW C

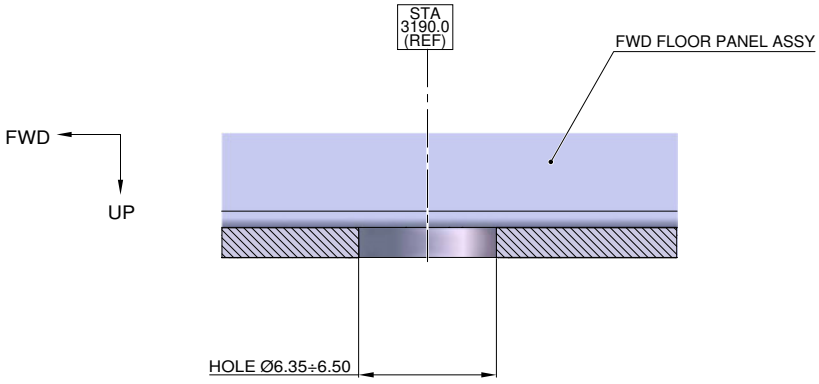
Figure 41

NOTE:

(2) VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION.
IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH
OF THE INSERT WITH A LAMINATED SHIM A864A1151A020
IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.



SECTION D-D
(TYPICAL 36 PLACES)



SECTION E-E
(TYPICAL 4 PLACES)

Figure 42

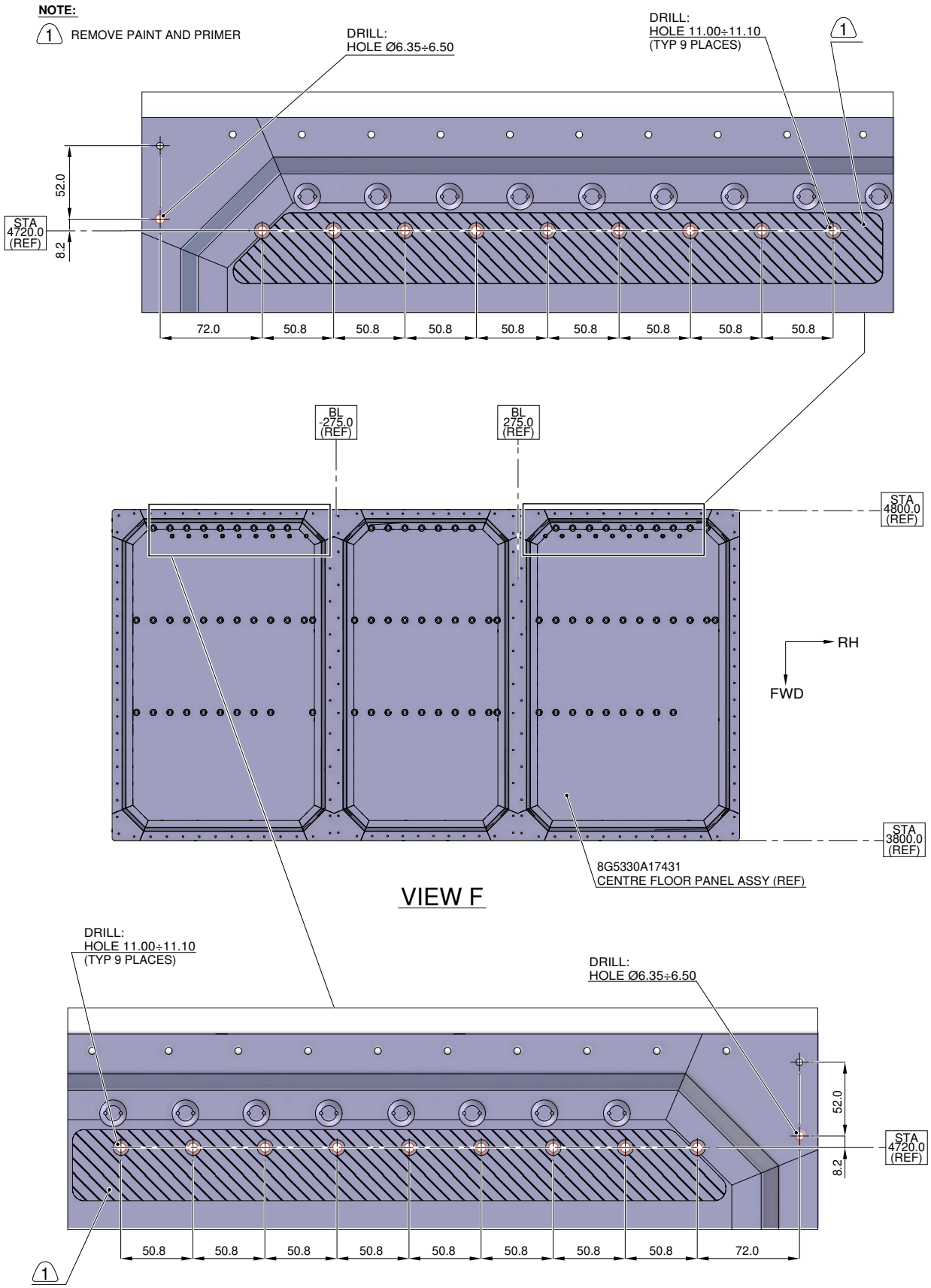

NOTE:
1 REMOVE PAINT AND PRIMER
DRILL:
HOLE Ø6.35÷6.50
DRILL:
HOLE 11.00÷11.10
(TYP 9 PLACES)
1
52.0
8.2
STA
4720.0
(REF)
72.0
50.8
50.8
50.8
50.8
50.8
50.8
50.8
50.8
BL
-275.0
(REF)
BL
275.0
(REF)
STA
4800.0
(REF)
RH
FWD
STA
3800.0
(REF)
8G5330A17431
CENTRE FLOOR PANEL ASSY (REF)
VIEW F
DRILL:
HOLE 11.00÷11.10
(TYP 9 PLACES)
DRILL:
HOLE Ø6.35÷6.50
52.0
8.2
STA
4720.0
(REF)
50.8
50.8
50.8
50.8
50.8
50.8
50.8
50.8
72.0
1

Figure 43

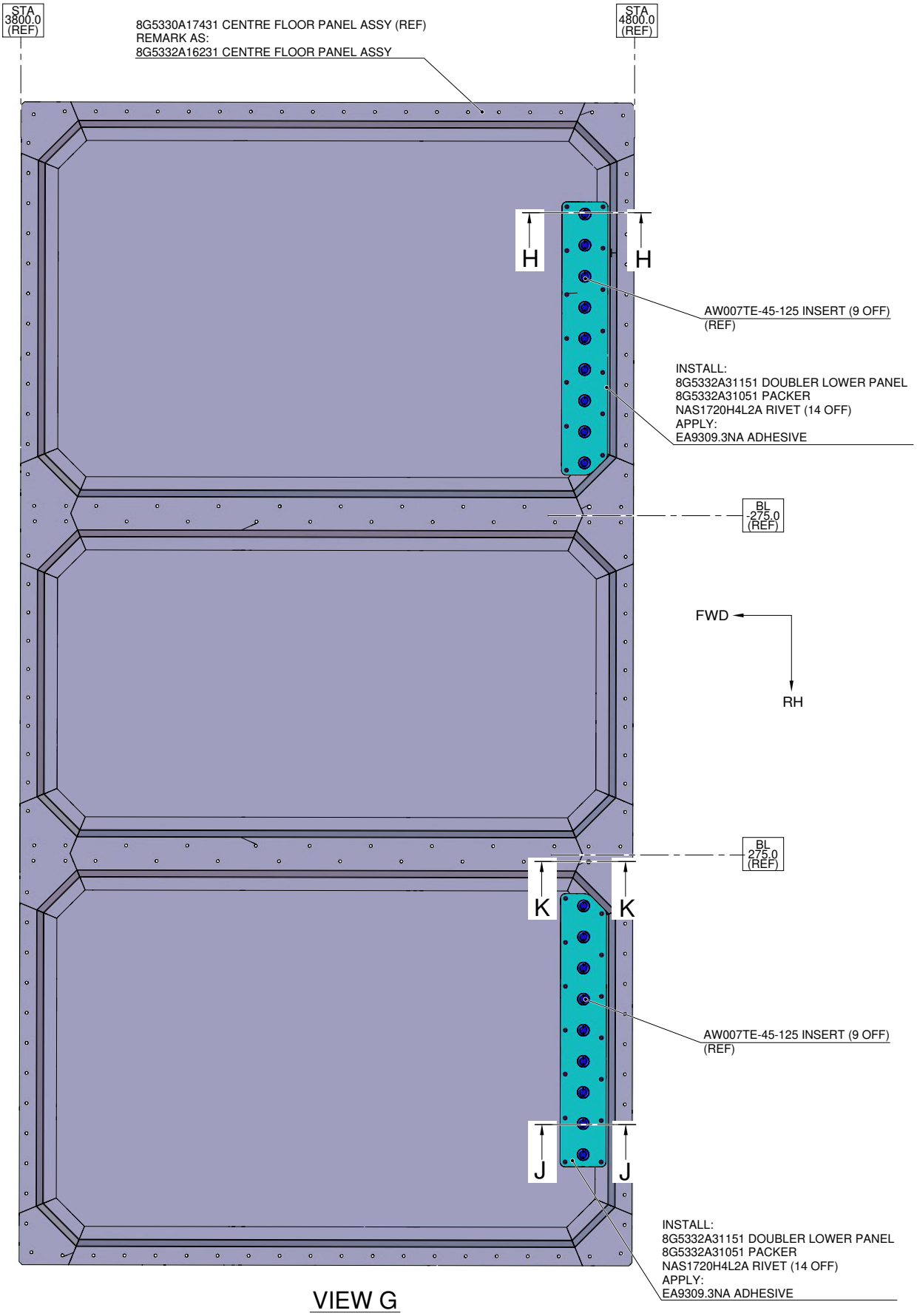
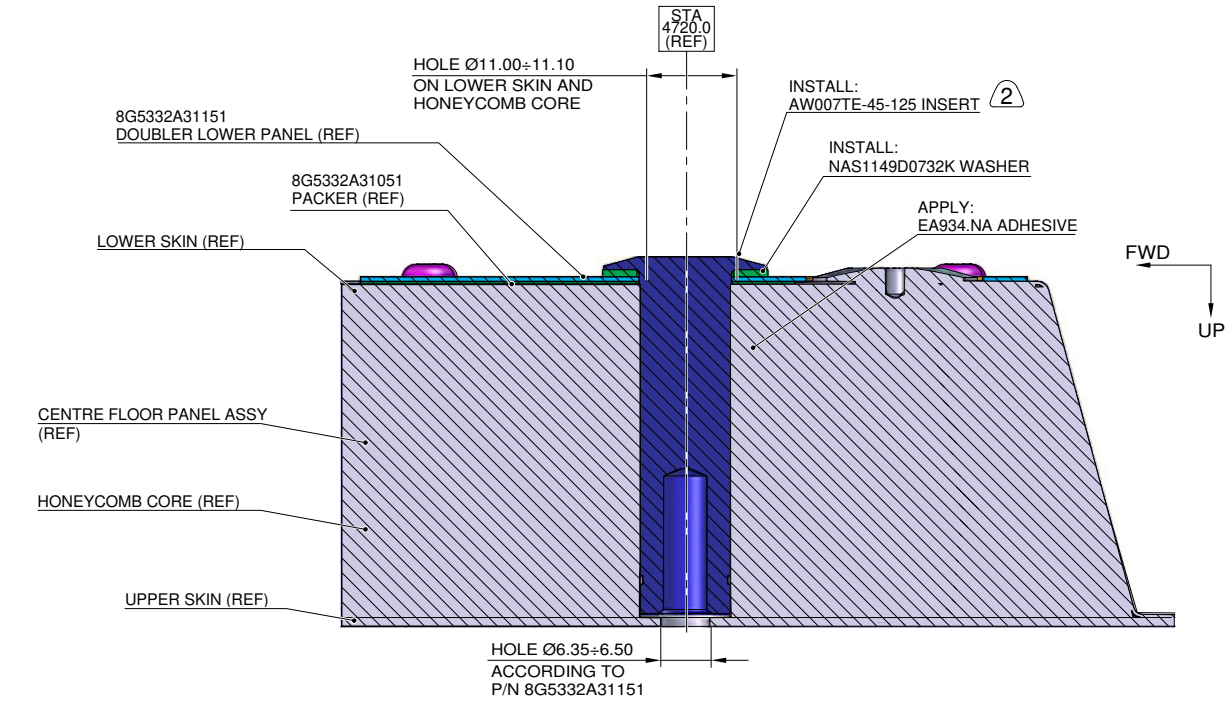
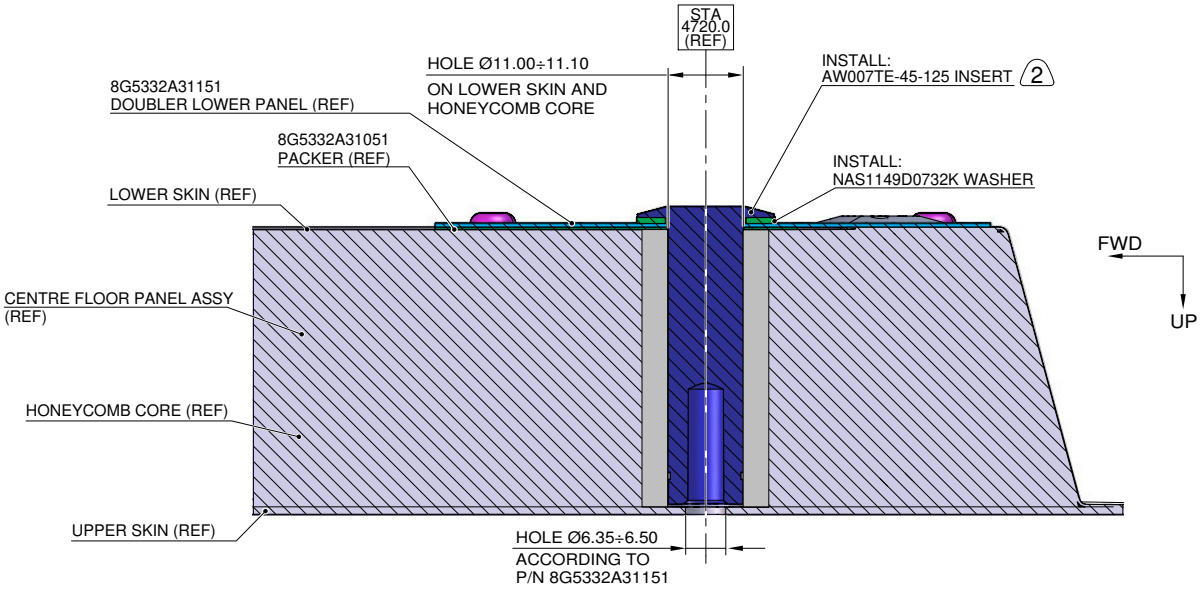

STA 3800.0 (REF)
8G5330A17431 CENTRE FLOOR PANEL ASSY (REF)
REMARK AS:
8G5332A16231 CENTRE FLOOR PANEL ASSY
STA 4800.0 (REF)
H
H
AW007TE-45-125 INSERT (9 OFF) (REF)
INSTALL:
8G5332A31151 DOUBLER LOWER PANEL
8G5332A31051 PACKER
NAS1720H4L2A RIVET (14 OFF)
APPLY:
EA9309.3NA ADHESIVE
BL -275.0 (REF)
FWD
RH
BL 275.0 (REF)
K
K
AW007TE-45-125 INSERT (9 OFF) (REF)
J
J
INSTALL:
8G5332A31151 DOUBLER LOWER PANEL
8G5332A31051 PACKER
NAS1720H4L2A RIVET (14 OFF)
APPLY:
EA9309.3NA ADHESIVE
VIEW G

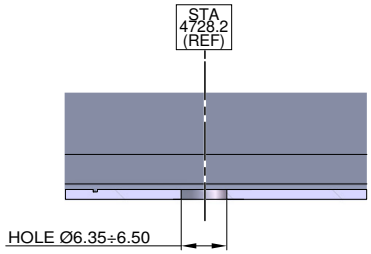
Figure 44



SECTION H-H
(TYPICAL 9 PLACES)



SECTION J-J
(TYPICAL 9 PLACES)



SECTION K-K
(TYPICAL 2 PLACES)

NOTE:

2 VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION. IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH OF THE INSERT WITH A LAMINATED SHIM A864A1151A020 IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.

Figure 45

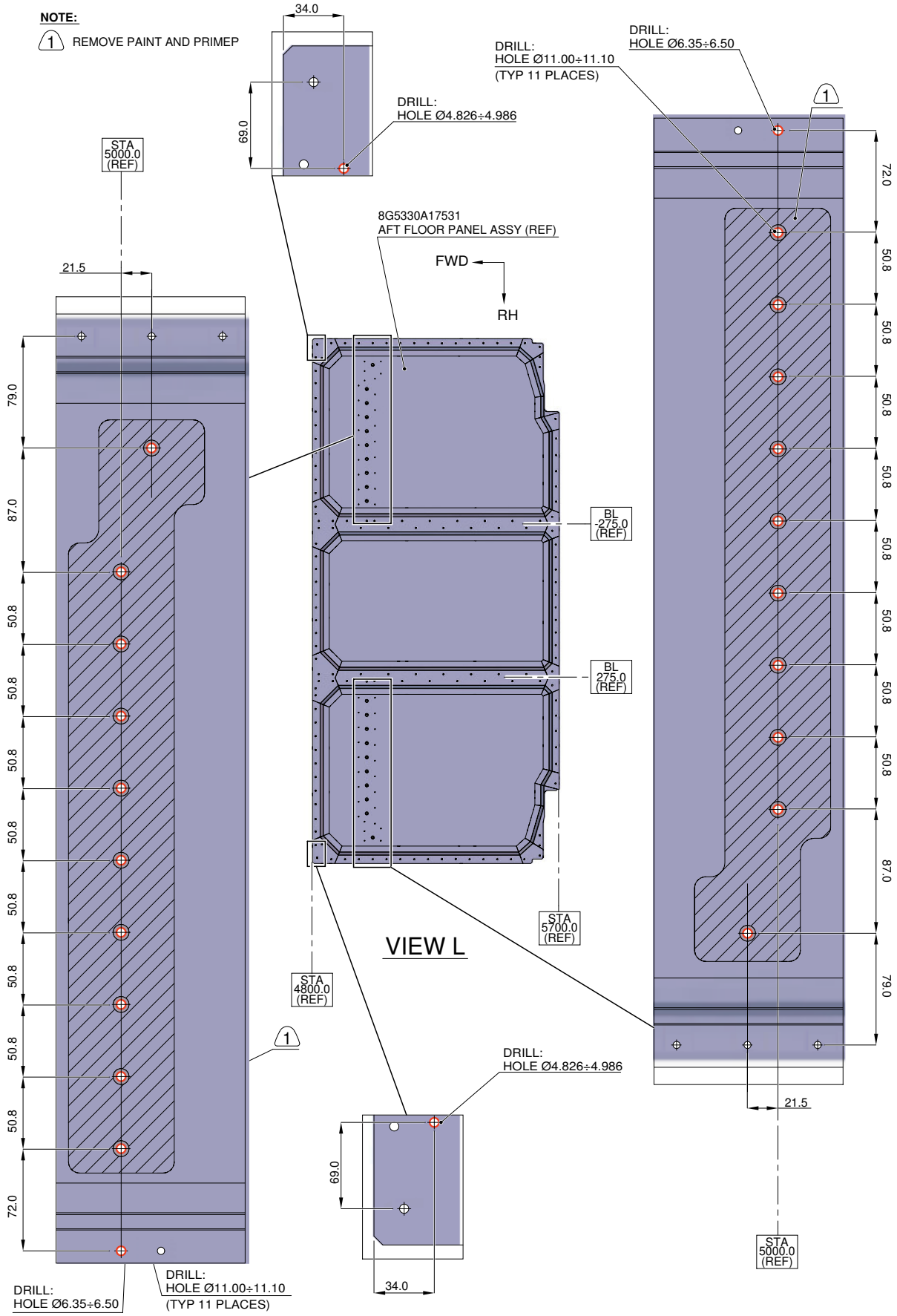

NOTE:
1 REMOVE PAINT AND PRIMEP
34.0
69.0
DRILL:
HOLE Ø4.826÷4.986
DRILL:
HOLE Ø11.00÷11.10
(TYP 11 PLACES)
DRILL:
HOLE Ø6.35÷6.50
STA
5000.0
(REF)
8G5330A17531
AFT FLOOR PANEL ASSY (REF)
FWD
RH
21.5
79.0
87.0
50.8
72.0
BL
-275.0
(REF)
BL
275.0
(REF)
STA
5700.0
(REF)
STA
4800.0
(REF)
VIEW L
DRILL:
HOLE Ø4.826÷4.986
DRILL:
HOLE Ø6.35÷6.50
DRILL:
HOLE Ø11.00÷11.10
(TYP 11 PLACES)
STA
5000.0
(REF)

Figure 46

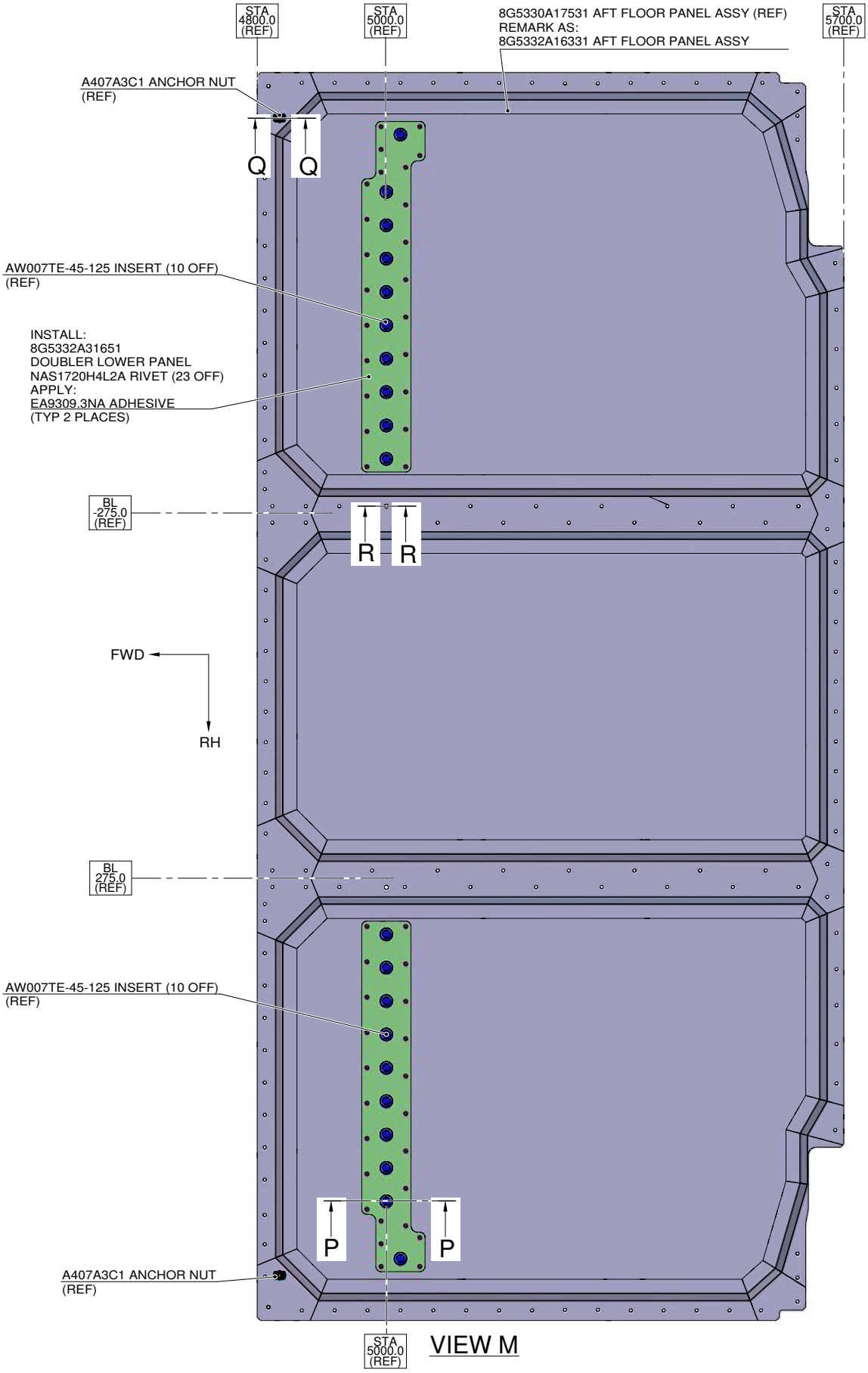
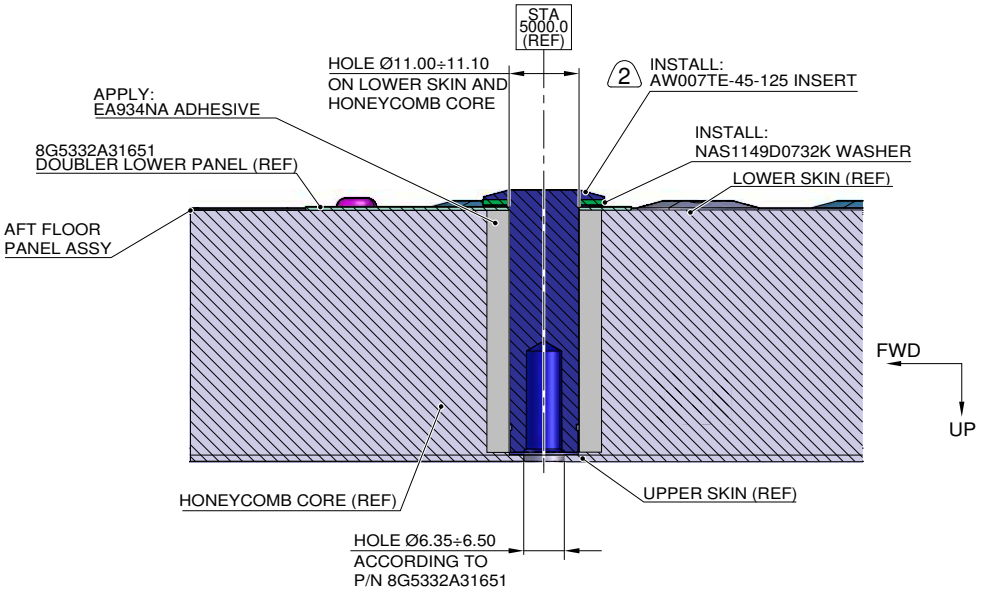

STA 4800.0 (REF)
STA 5000.0 (REF)
8G5330A17531 AFT FLOOR PANEL ASSY (REF)
REMARK AS:
8G5332A16331 AFT FLOOR PANEL ASSY
STA 5700.0 (REF)
A407A3C1 ANCHOR NUT (REF)
Q
Q
AW007TE-45-125 INSERT (10 OFF) (REF)
INSTALL:
8G5332A31651
DOUBLER LOWER PANEL
NAS1720H4L2A RIVET (23 OFF)
APPLY:
EA9309.3NA ADHESIVE
(TYP 2 PLACES)
BL -275.0 (REF)
R
R
FWD
RH
BL 275.0 (REF)
AW007TE-45-125 INSERT (10 OFF) (REF)
P
P
A407A3C1 ANCHOR NUT (REF)
STA 5000.0 (REF)
VIEW M

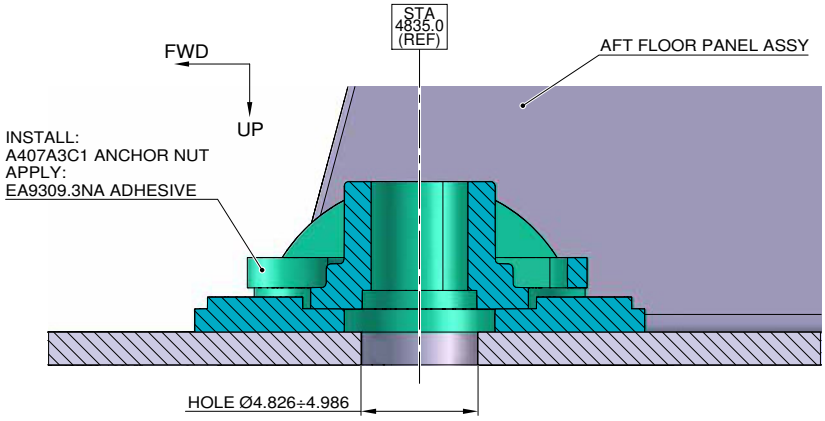
Figure 47

NOTE:

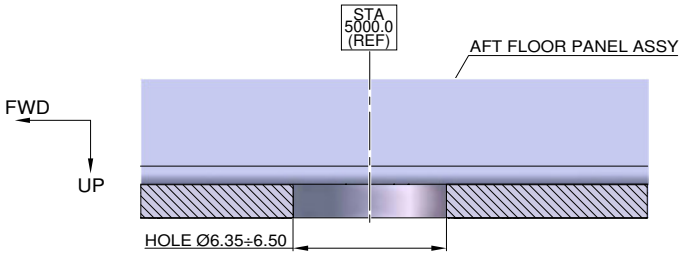
(2) VERIFY THE CORRECT LENGTH OF INSERTS DURING INSTALLATION.
IF NECESSARY, IT IS PERMITTED TO INSTALL THE NEXT DASH LENGTH
OF THE INSERT WITH A LAMINATED SHIM A864A1151A020
IN ORDER TO ENSURE THE CORRECT INSERT INSTALLATION.



SECTION P-P
(TYPICAL 20 PLACES)



SECTION Q-Q
(TYPICAL 2 PLACES)



SECTION R-R
(TYPICAL 2 PLACES)

Figure 48

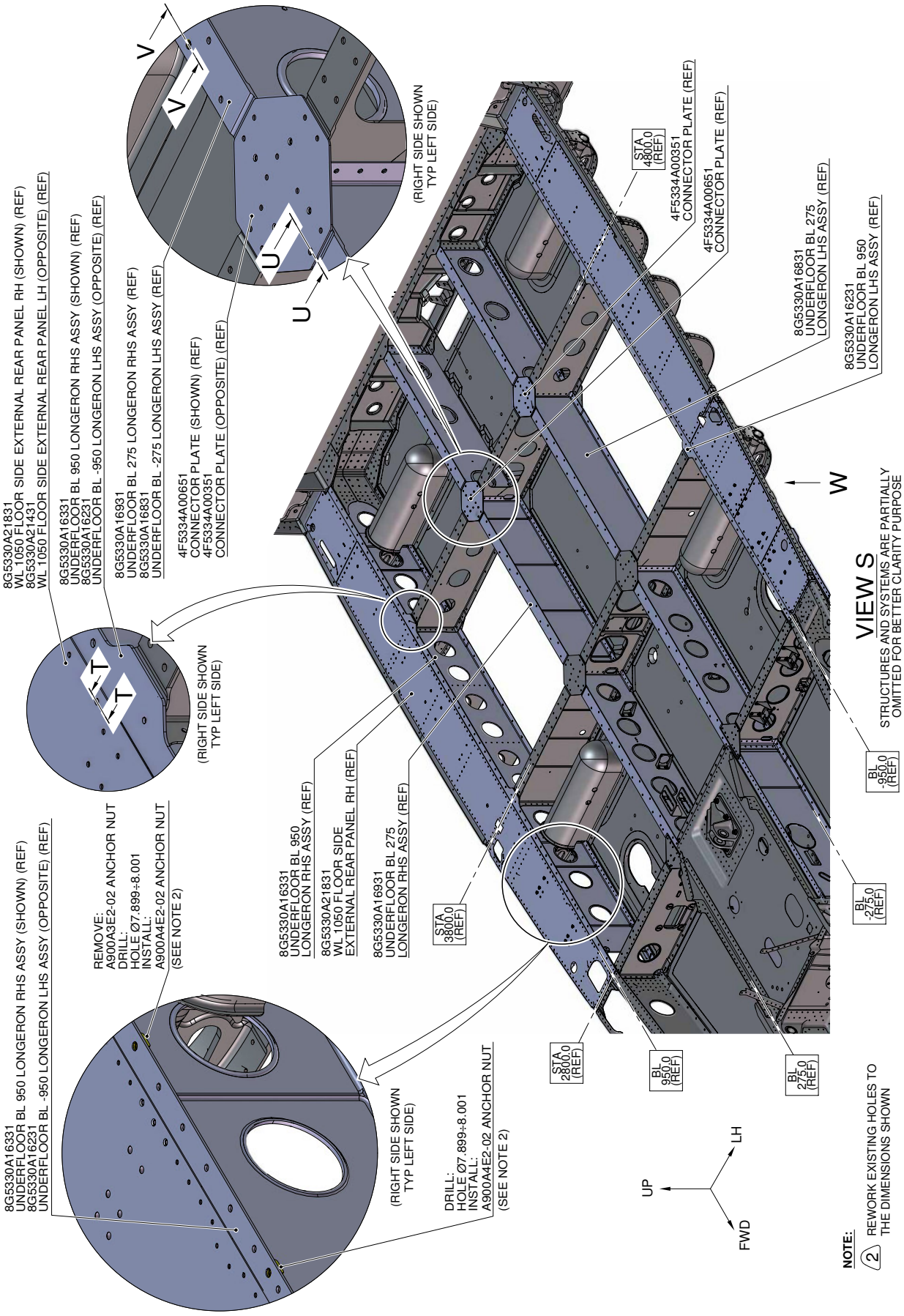
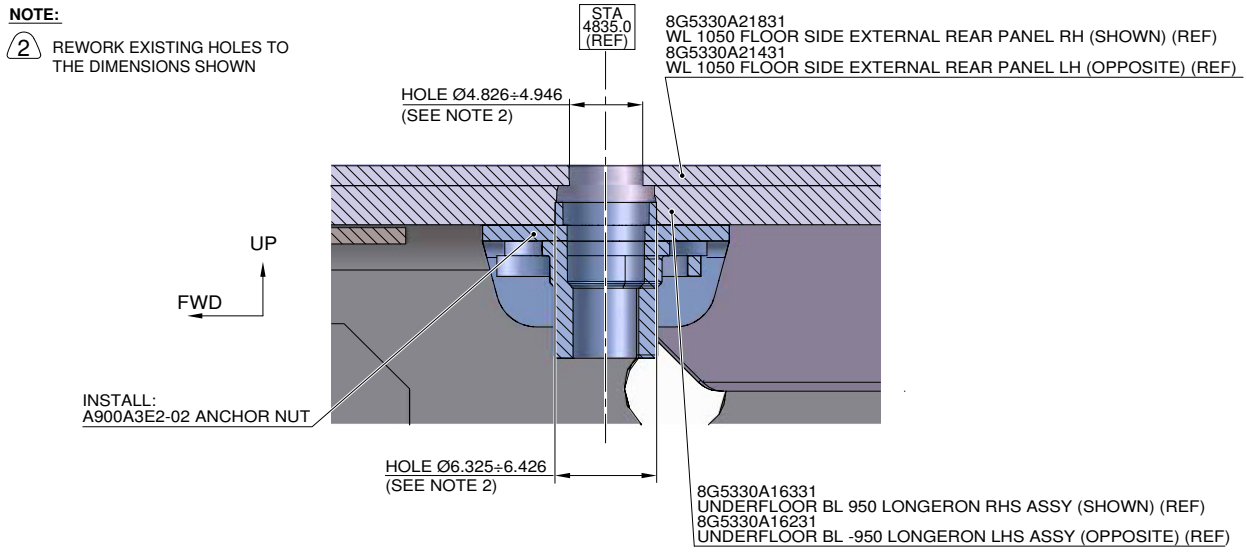
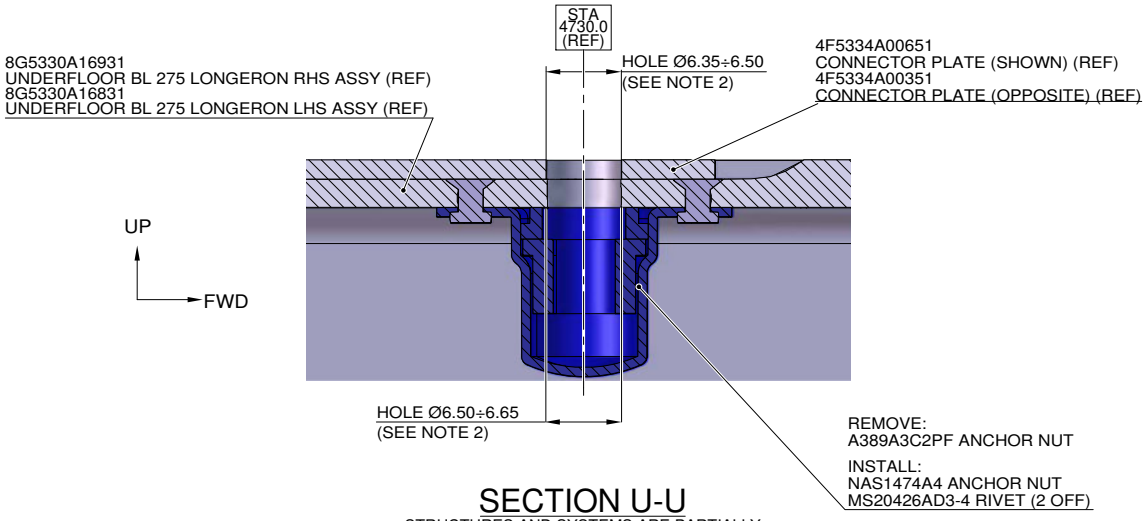

8G5330A21831
WL 1050 FLOOR SIDE EXTERNAL REAR PANEL RH (SHOWN) (REF)
8G5330A21431
WL 1050 FLOOR SIDE EXTERNAL REAR PANEL LH (OPPOSITE) (REF)
8G5330A16331
UNDERFLOOR BL 950 LONGERON RHS ASSY (SHOWN) (REF)
8G5330A16231
UNDERFLOOR BL -950 LONGERON LHS ASSY (OPPOSITE) (REF)
8G5330A16931
UNDERFLOOR BL 275 LONGERON RHS ASSY (REF)
8G5330A16831
UNDERFLOOR BL -275 LONGERON LHS ASSY (REF)
4F5334A00651
CONNECTOR PLATE (SHOWN) (REF)
4F5334A00351
CONNECTOR PLATE (OPPOSITE) (REF)
(RIGHT SIDE SHOWN
TYP LEFT SIDE)
V
U
T
W
REMOVE:
A900A3E2-02 ANCHOR NUT
DRILL:
HOLE Ø7.899÷8.001
INSTALL:
A900A4E2-02 ANCHOR NUT
(SEE NOTE 2)
8G5330A16331
UNDERFLOOR BL 950
LONGERON RHS ASSY (REF)
8G5330A21831
WL 1050 FLOOR SIDE
EXTERNAL REAR PANEL RH (REF)
8G5330A16931
UNDERFLOOR BL 275
LONGERON RHS ASSY (REF)
STA
3800.0
(REF)
STA
2800.0
(REF)
STA
4800.0
(REF)
4F5334A00351
CONNECTOR PLATE (REF)
4F5334A00651
CONNECTOR PLATE (REF)
8G5330A16831
UNDERFLOOR BL 275
LONGERON LHS ASSY (REF)
8G5330A16231
UNDERFLOOR BL 950
LONGERON LHS ASSY (REF)
BL
-950.0
(REF)
BL
275.0
(REF)
BL
950.0
(REF)
VIEW S
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
8G5330A16331
UNDERFLOOR BL 950 LONGERON RHS ASSY (SHOWN) (REF)
8G5330A16231
UNDERFLOOR BL -950 LONGERON LHS ASSY (OPPOSITE) (REF)
(RIGHT SIDE SHOWN
TYP LEFT SIDE)
DRILL:
HOLE Ø7.899÷8.001
INSTALL:
A900A4E2-02 ANCHOR NUT
(SEE NOTE 2)
UP
LH
FWD
NOTE:
2 REWORK EXISTING HOLES TO
THE DIMENSIONS SHOWN

Figure 49



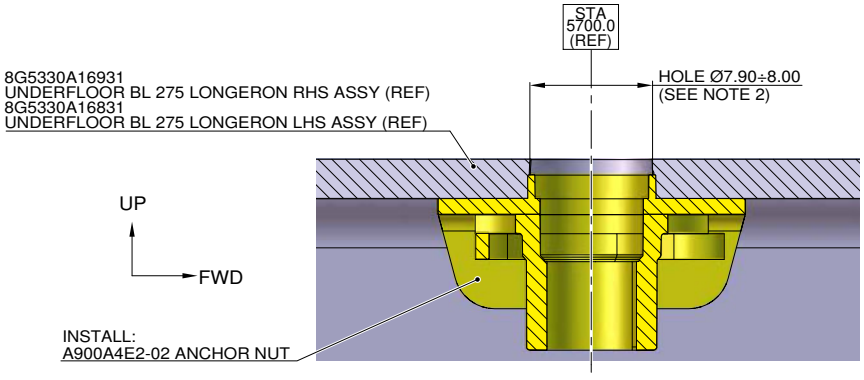
SECTION T-T

STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



SECTION U-U

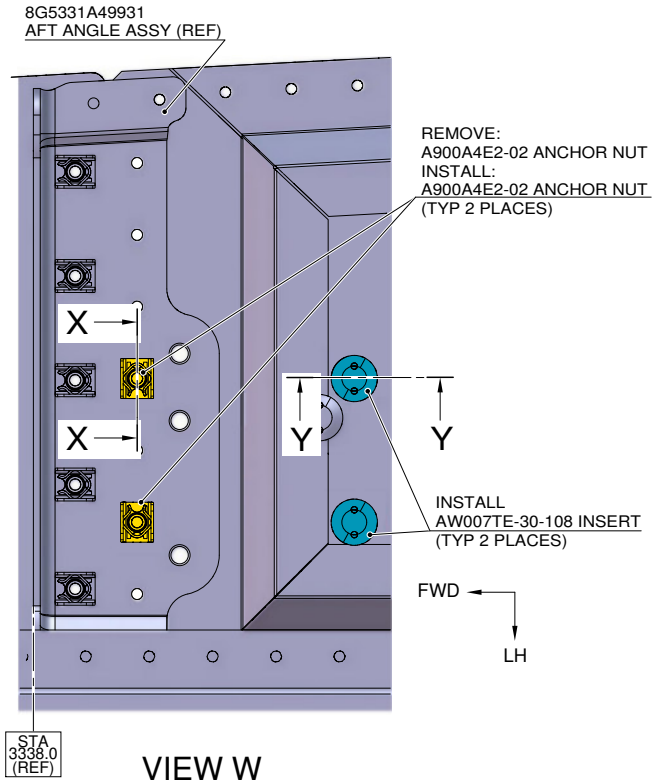
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



SECTION V-V

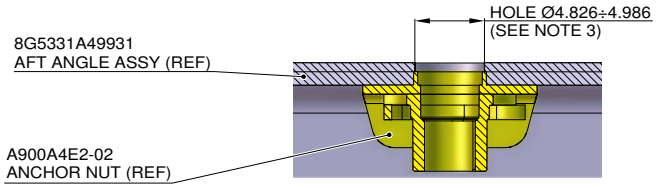
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 50



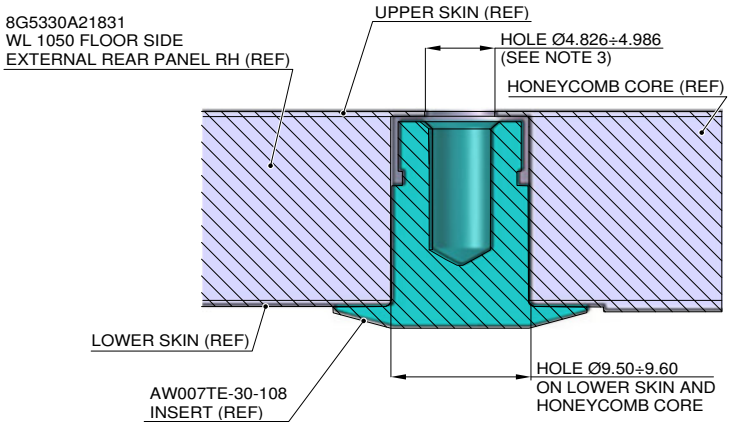
VIEW W

STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



SECTION X-X

(TYP 2 PLACES)
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



SECTION Y-Y

(TYP 2 PLACES)
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 51

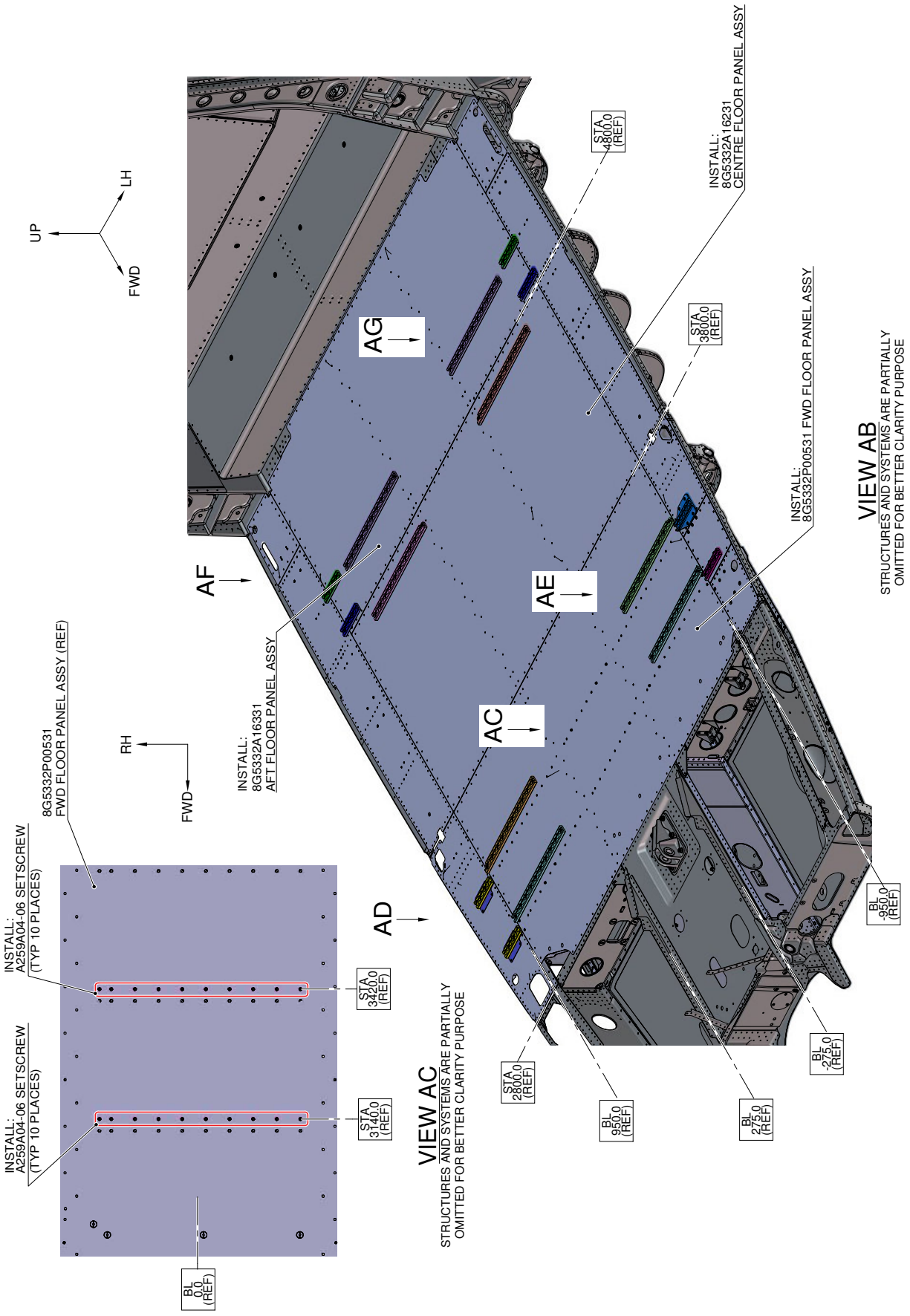

UP
LH
FWD
AG
AF
AE
AC
AD
INSTALL:
8G5332A16231
CENTRE FLOOR PANEL ASSY
INSTALL:
8G5332P00531 FWD FLOOR PANEL ASSY
INSTALL:
8G5332A16331
AFT FLOOR PANEL ASSY
STA
4800.0
(REF)
STA
3800.0
(REF)
STA
2800.0
(REF)
BL
-950.0
(REF)
BL
275.0
(REF)
BL
950.0
(REF)
BL
275.0
(REF)
VIEW AB
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
RH
FWD
8G5332P00531
FWD FLOOR PANEL ASSY (REF)
INSTALL:
A259A04-06 SETSCREW
(TYP 10 PLACES)
INSTALL:
A259A04-06 SETSCREW
(TYP 10 PLACES)
STA
3420.0
(REF)
STA
3140.0
(REF)
BL
0.0
(REF)
VIEW AC
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 52

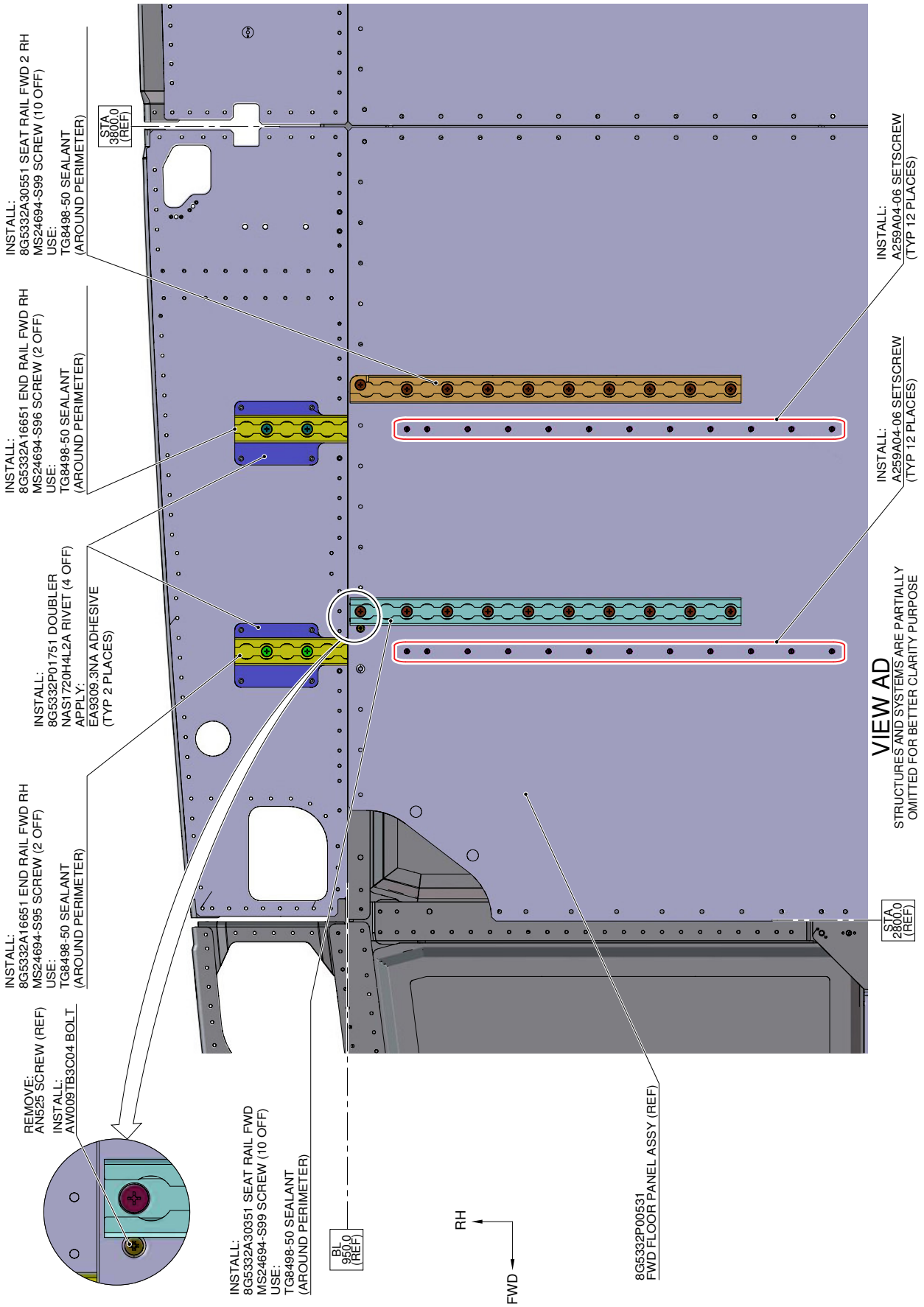

INSTALL:
8G5332A30551 SEAT RAIL FWD 2 RH
MS24694-S99 SCREW (10 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
STA
38800
(REF)
INSTALL:
8G5332A16651 END RAIL FWD RH
MS24694-S96 SCREW (2 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
INSTALL:
8G5332P01751 DOUBLER
NAS1720H4L2A RIVET (4 OFF)
APPLY:
EA9309.3NA ADHESIVE
(TYP 2 PLACES)
INSTALL:
8G5332A16651 END RAIL FWD RH
MS24694-S95 SCREW (2 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
REMOVE:
AN525 SCREW (REF)
INSTALL:
AW0097TB3C04 BOLT
INSTALL:
8G5332A30351 SEAT RAIL FWD
MS24694-S99 SCREW (10 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
BL
9500
(REF)
RH
FWD
8G5332P00531
FWD FLOOR PANEL ASSY (REF)
INSTALL:
A259A04-06 SETSCREW
(TYP 12 PLACES)
INSTALL:
A259A04-06 SETSCREW
(TYP 12 PLACES)
VIEW AD
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
STA
28800
(REF)

Figure 53

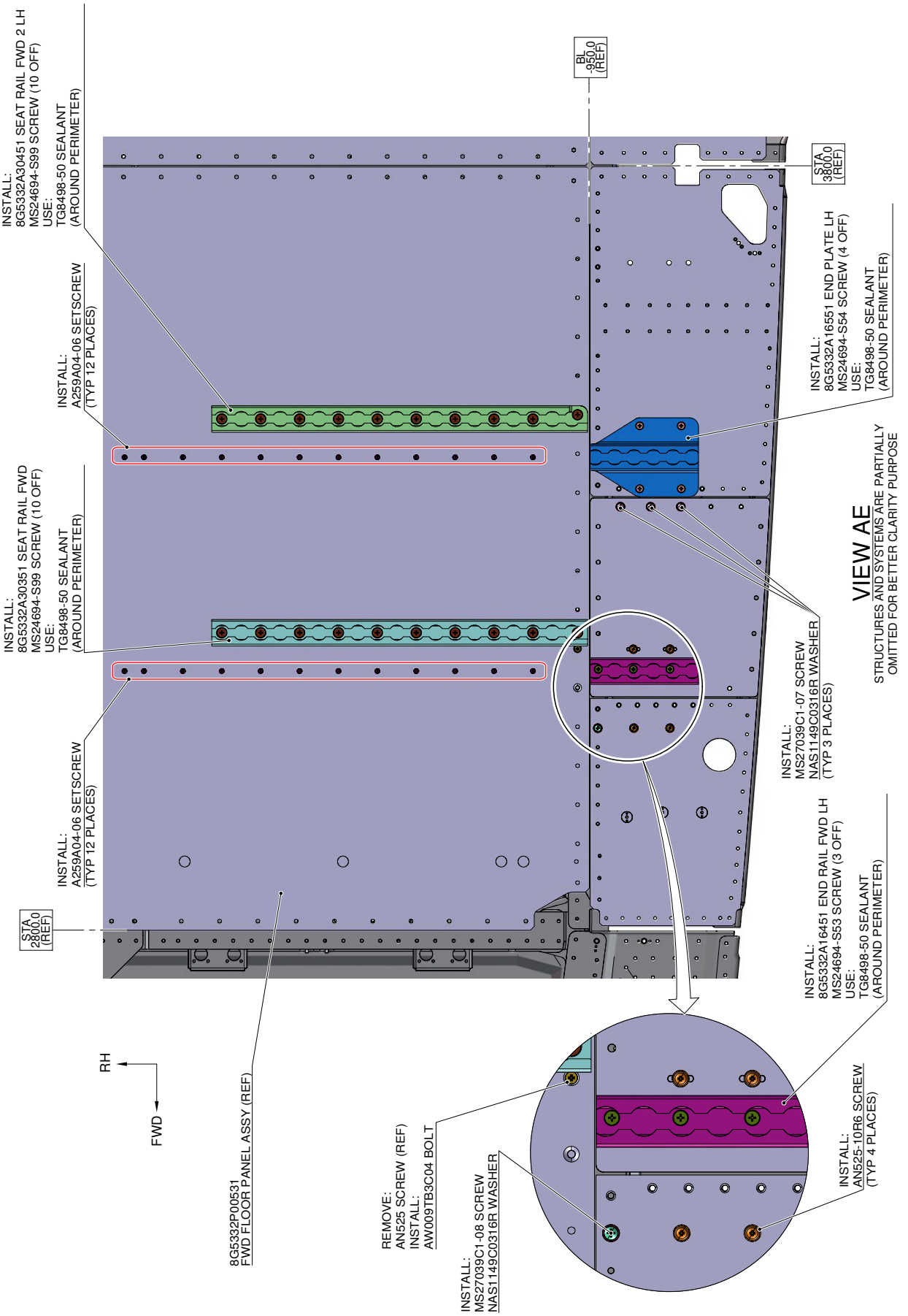

INSTALL:
8G5332A30451 SEAT RAIL FWD 2 LH
MS24694-S99 SCREW (10 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
INSTALL:
A259A04-06 SETSCREW
(TYP 12 PLACES)
INSTALL:
8G5332A30351 SEAT RAIL FWD
MS24694-S99 SCREW (10 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
INSTALL:
A259A04-06 SETSCREW
(TYP 12 PLACES)
STA
2800.0
(REF)
BL
-950.0
(REF)
STA
3800.0
(REF)
INSTALL:
8G5332A16551 END PLATE LH
MS24694-S54 SCREW (4 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
VIEW AE
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
INSTALL:
MS27039C1-07 SCREW
NAS1149C0316R WASHER
(TYP 3 PLACES)
INSTALL:
8G5332A16451 END RAIL FWD LH
MS24694-S53 SCREW (3 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
INSTALL:
AN525-10R6 SCREW
(TYP 4 PLACES)
RH
FWD
8G5332P00531
FWD FLOOR PANEL ASSY (REF)
REMOVE:
AN525 SCREW (REF)
INSTALL:
AW0097TB3C04 BOLT
INSTALL:
MS27039C1-08 SCREW
NAS1149C0316R WASHER

Figure 54

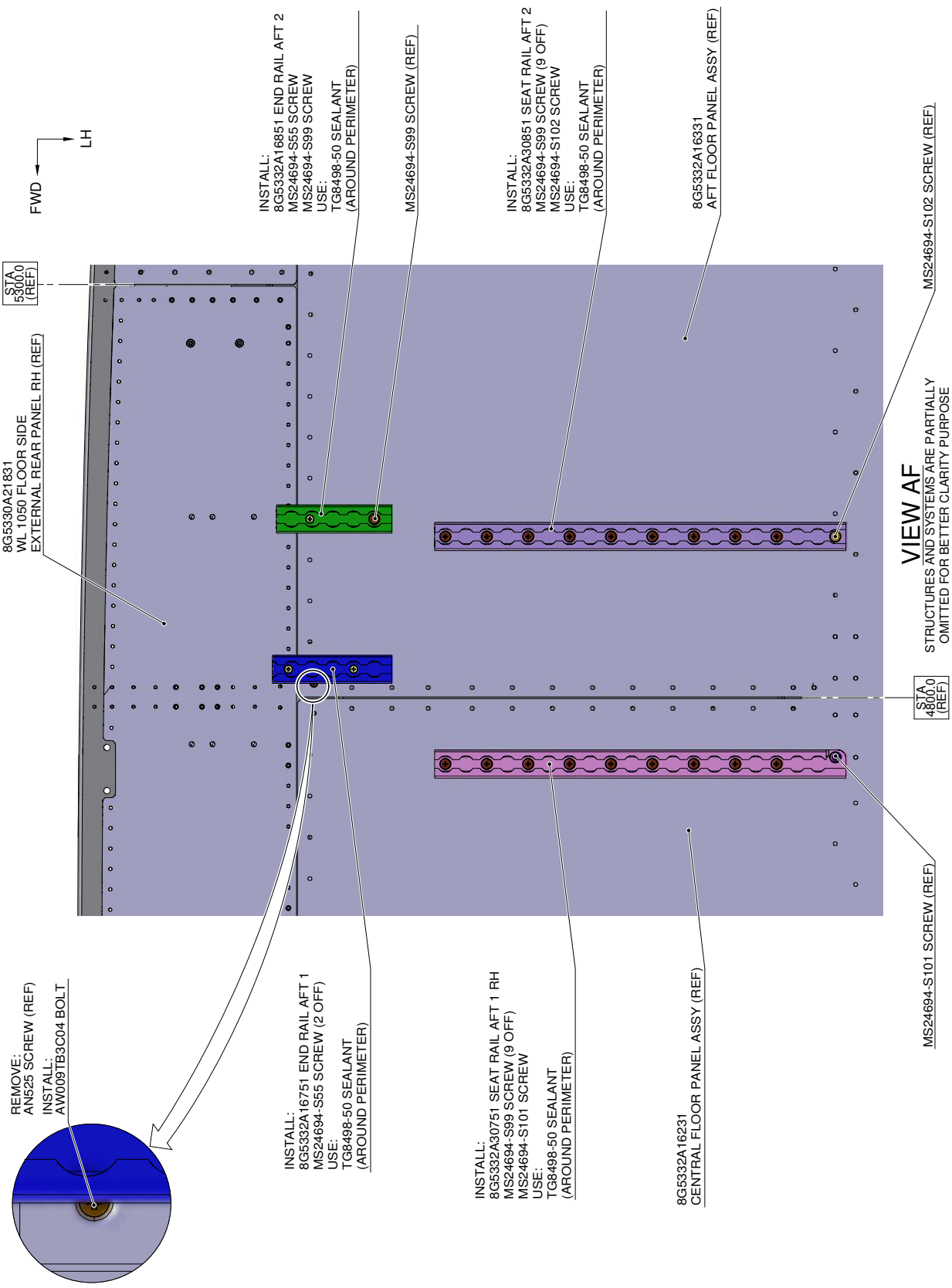

FWD
LH
STA 5300.0 (REF)
8G5330A21831
WL 1050 FLOOR SIDE
EXTERNAL REAR PANEL RH (REF)
INSTALL:
8G5332A16851 END RAIL AFT 2
MS24694-S55 SCREW
MS24694-S99 SCREW
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
MS24694-S99 SCREW (REF)
INSTALL:
8G5332A30851 SEAT RAIL AFT 2
MS24694-S99 SCREW (9 OFF)
MS24694-S102 SCREW
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
8G5332A16331
AFT FLOOR PANEL ASSY (REF)
MS24694-S102 SCREW (REF)
VIEW AF
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
STA 4800.0 (REF)
MS24694-S101 SCREW (REF)
REMOVE:
AN525 SCREW (REF)
INSTALL:
AW009TB3C04 BOLT
INSTALL:
8G5332A16751 END RAIL AFT 1
MS24694-S55 SCREW (2 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
INSTALL:
8G5332A30751 SEAT RAIL AFT 1 RH
MS24694-S99 SCREW (9 OFF)
MS24694-S101 SCREW
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
8G5332A16231
CENTRAL FLOOR PANEL ASSY (REF)

Figure 55

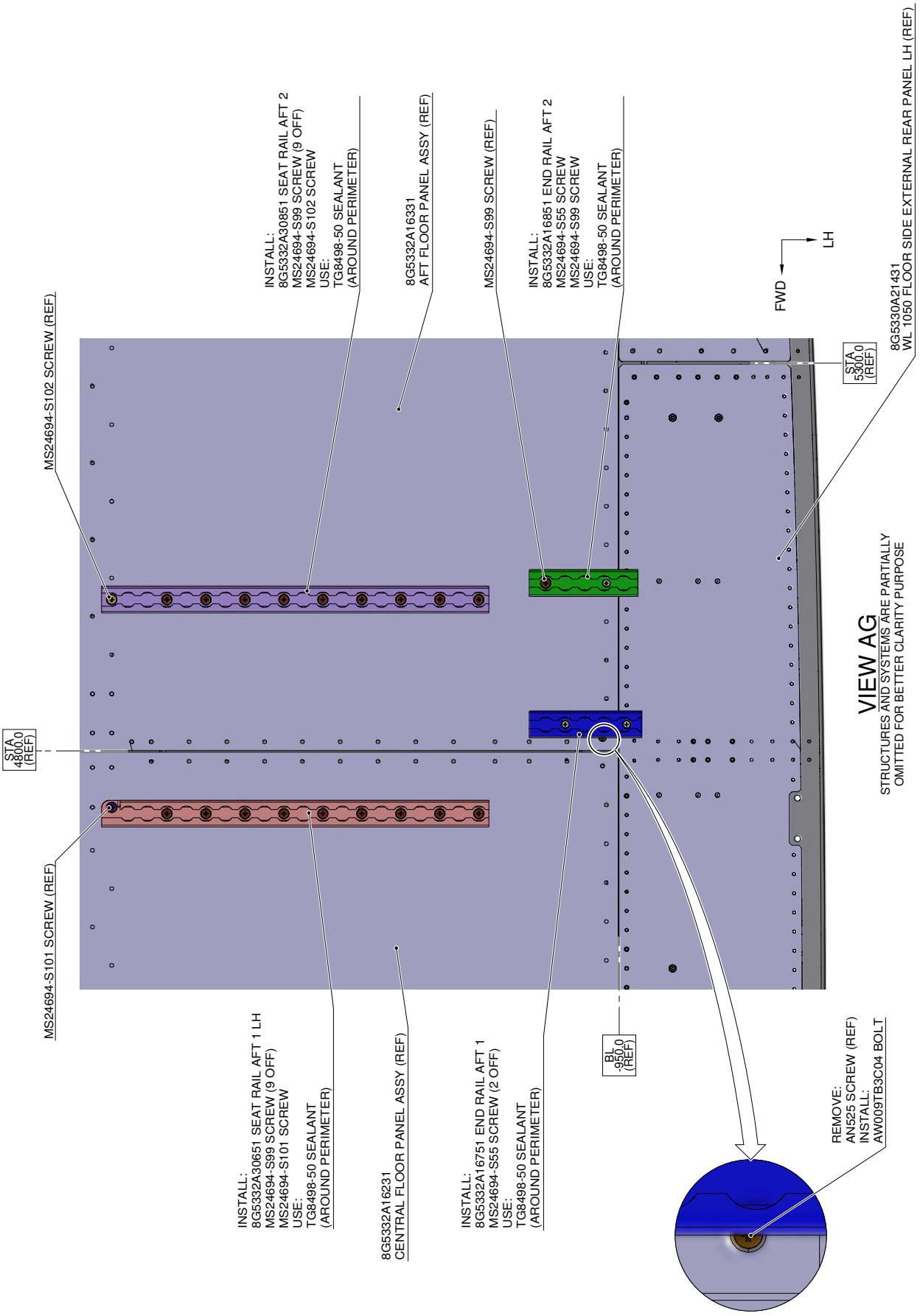

MS24694-S102 SCREW (REF)
INSTALL:
8G5332A30851 SEAT RAIL AFT 2
MS24694-S99 SCREW (9 OFF)
MS24694-S102 SCREW
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
8G5332A16331
AFT FLOOR PANEL ASSY (REF)
MS24694-S99 SCREW (REF)
INSTALL:
8G5332A16851 END RAIL AFT 2
MS24694-S55 SCREW
MS24694-S99 SCREW
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
FWD
LH
STA
5300.0
(REF)
8G5330A21431
WL 1050 FLOOR SIDE EXTERNAL REAR PANEL LH (REF)
VIEW AG
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
STA
4800.0
(REF)
MS24694-S101 SCREW (REF)
INSTALL:
8G5332A30651 SEAT RAIL AFT 1 LH
MS24694-S99 SCREW (9 OFF)
MS24694-S101 SCREW
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
8G5332A16231
CENTRAL FLOOR PANEL ASSY (REF)
INSTALL:
8G5332A16751 END RAIL AFT 1
MS24694-S55 SCREW (2 OFF)
USE:
TG8498-50 SEALANT
(AROUND PERIMETER)
BL
-950.0
(REF)
REMOVE:
AN525 SCREW (REF)
INSTALL:
AW009TB3C04 BOLT

Figure 56

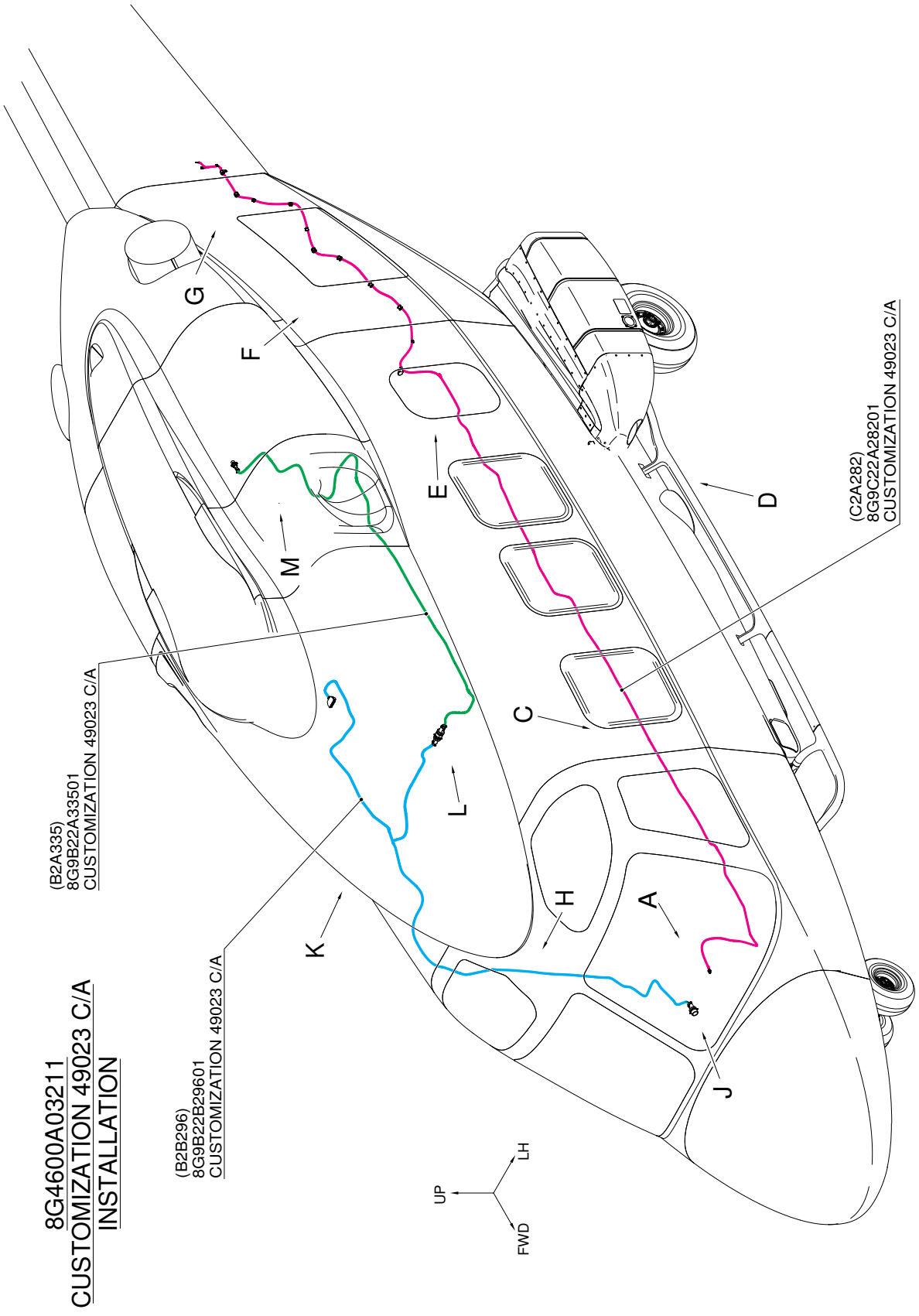
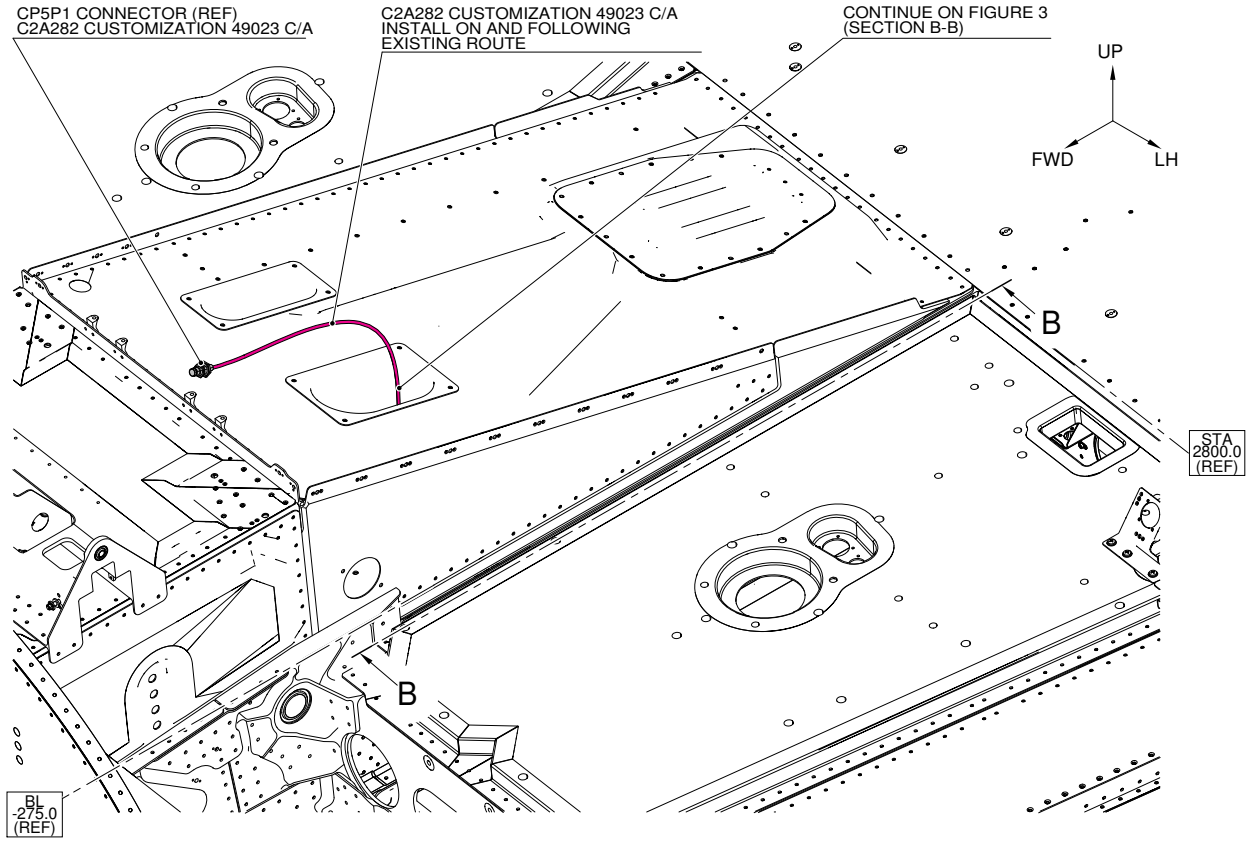
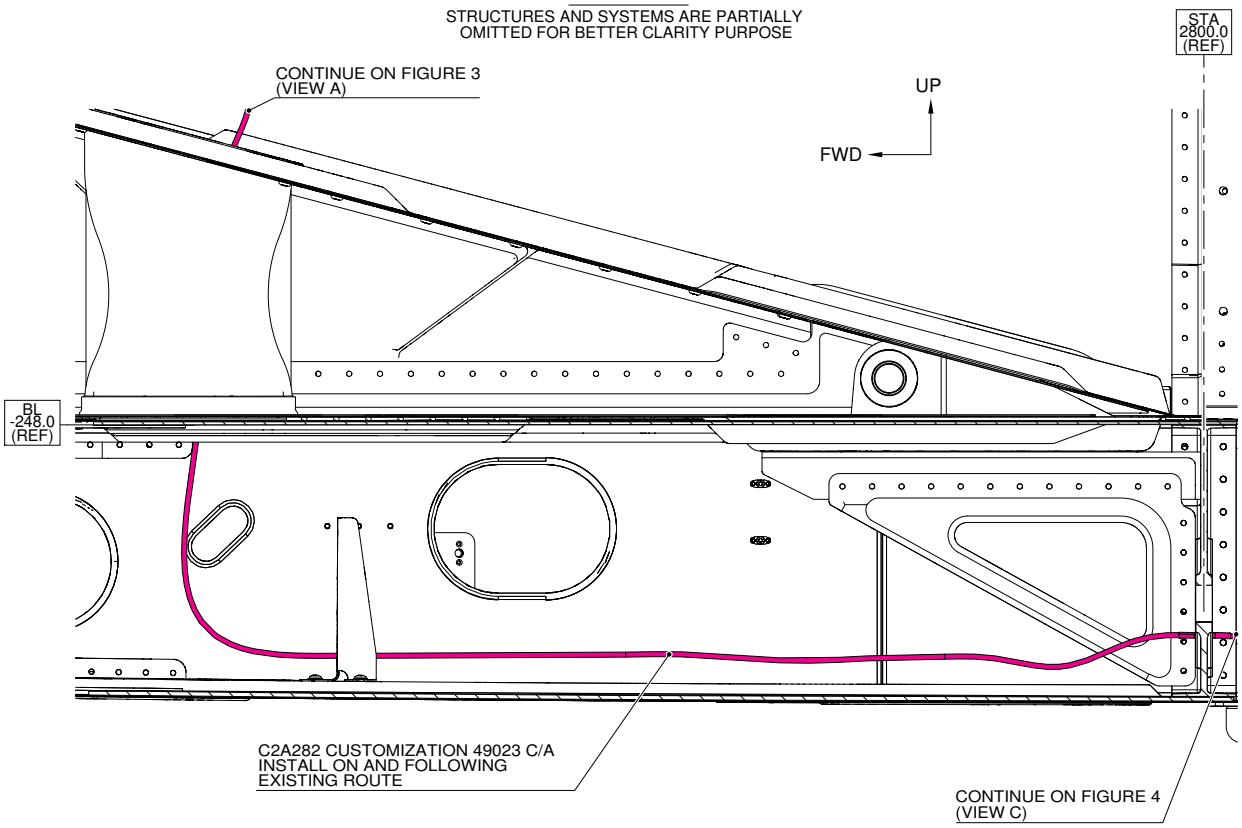

8G4600A03211
CUSTOMIZATION 49023 C/A
INSTALLATION
(B2A335)
8G9B22A33501
CUSTOMIZATION 49023 C/A
(B2B296)
8G9B22B29601
CUSTOMIZATION 49023 C/A
(C2A282)
8G9C22A28201
CUSTOMIZATION 49023 C/A
A
C
D
E
F
G
H
J
K
L
M
UP
LH
FWD

Figure 57



VIEW A

STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE



SECTION B-B

STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 58

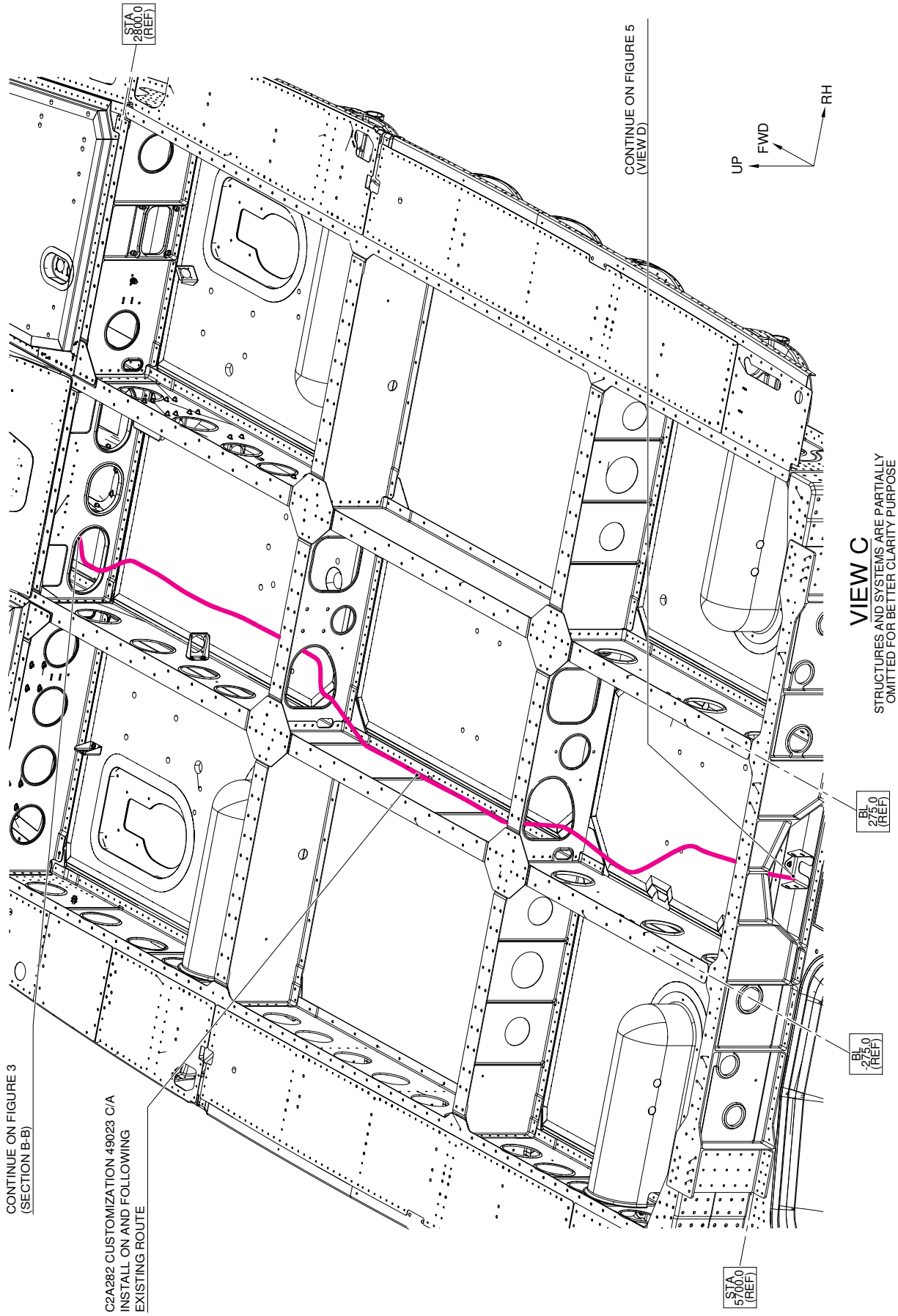
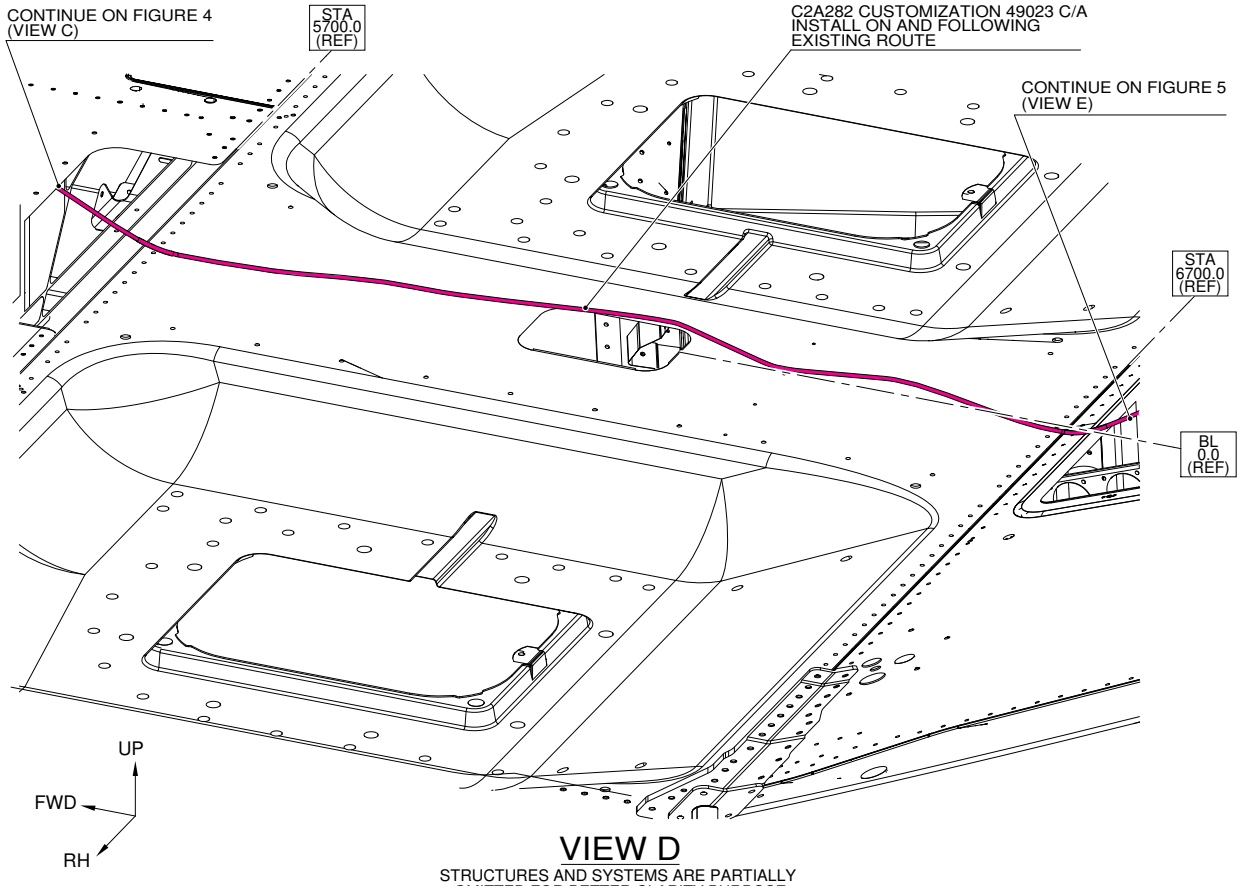
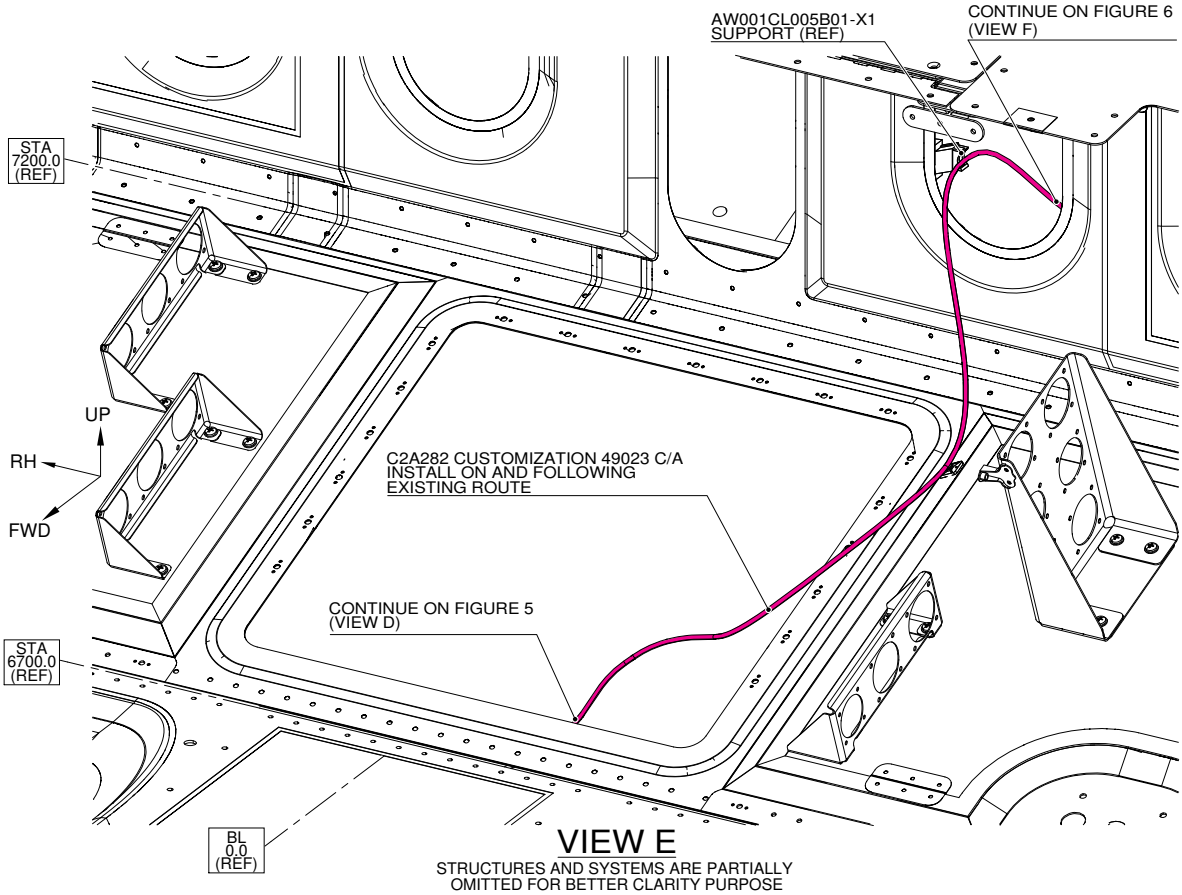

STA 2800.0 (REF)
CONTINUE ON FIGURE 5 (VIEW D)
UP
FWD
RH
VIEW C
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
BL 275.0 (REF)
BL -275.0 (REF)
STA 5700.0 (REF)
CONTINUE ON FIGURE 3 (SECTION B-B)
C2A282 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE

Figure 59



VIEW D

STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



VIEW E

STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 60

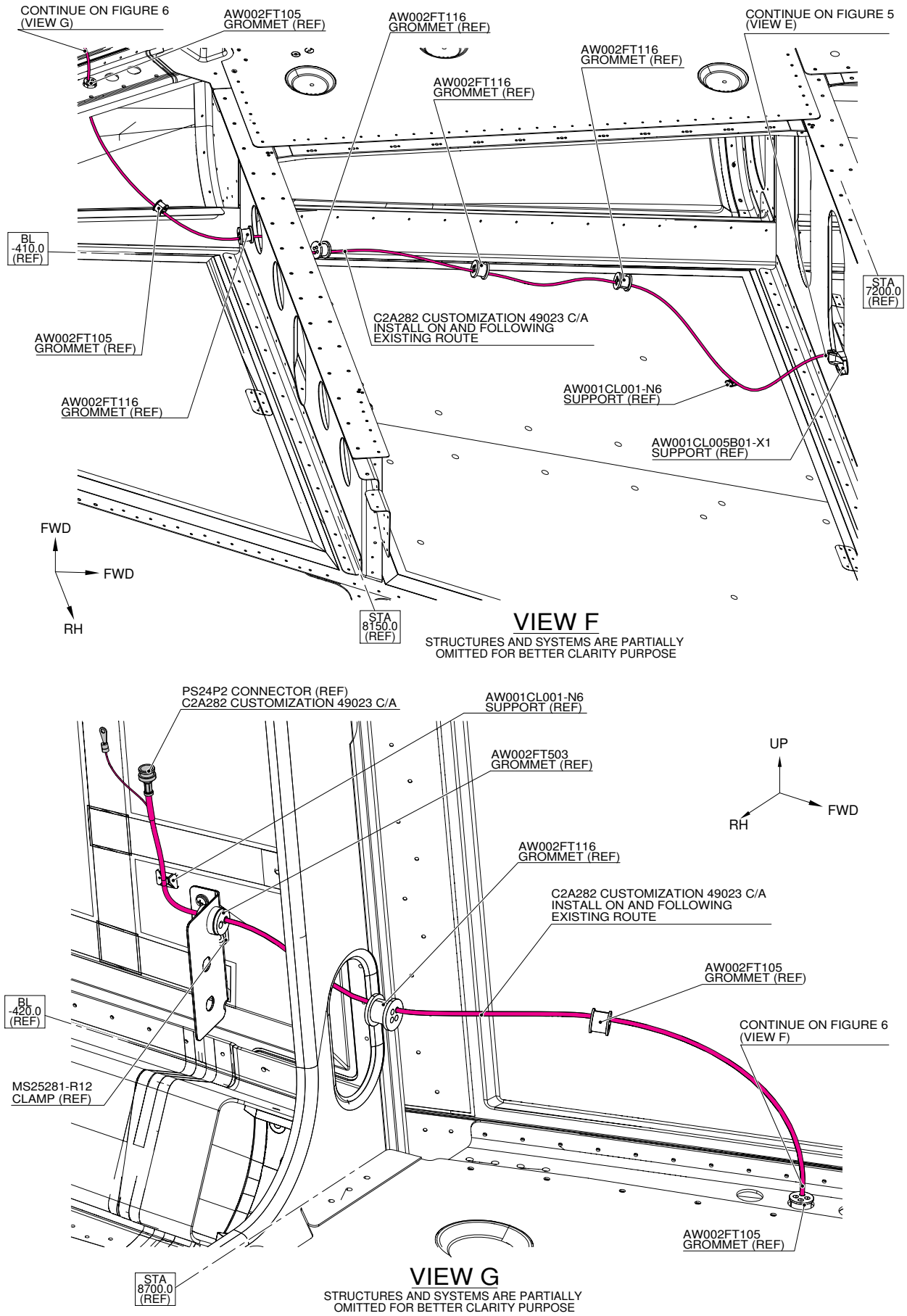

CONTINUE ON FIGURE 6
(VIEW G)
AW002FT105
GROMMET (REF)
AW002FT116
GROMMET (REF)
AW002FT116
GROMMET (REF)
AW002FT116
GROMMET (REF)
CONTINUE ON FIGURE 5
(VIEW E)
BL
-410.0
(REF)
STA
7200.0
(REF)
C2A282 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
AW002FT105
GROMMET (REF)
AW001CL001-N6
SUPPORT (REF)
AW002FT116
GROMMET (REF)
AW001CL005B01-X1
SUPPORT (REF)
FWD
FWD
RH
STA
8150.0
(REF)
VIEW F
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
PS24P2 CONNECTOR (REF)
C2A282 CUSTOMIZATION 49023 C/A
AW001CL001-N6
SUPPORT (REF)
AW002FT503
GROMMET (REF)
UP
RH
FWD
AW002FT116
GROMMET (REF)
C2A282 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
AW002FT105
GROMMET (REF)
BL
-420.0
(REF)
CONTINUE ON FIGURE 6
(VIEW F)
MS25281-R12
CLAMP (REF)
AW002FT105
GROMMET (REF)
STA
8700.0
(REF)
VIEW G
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 61

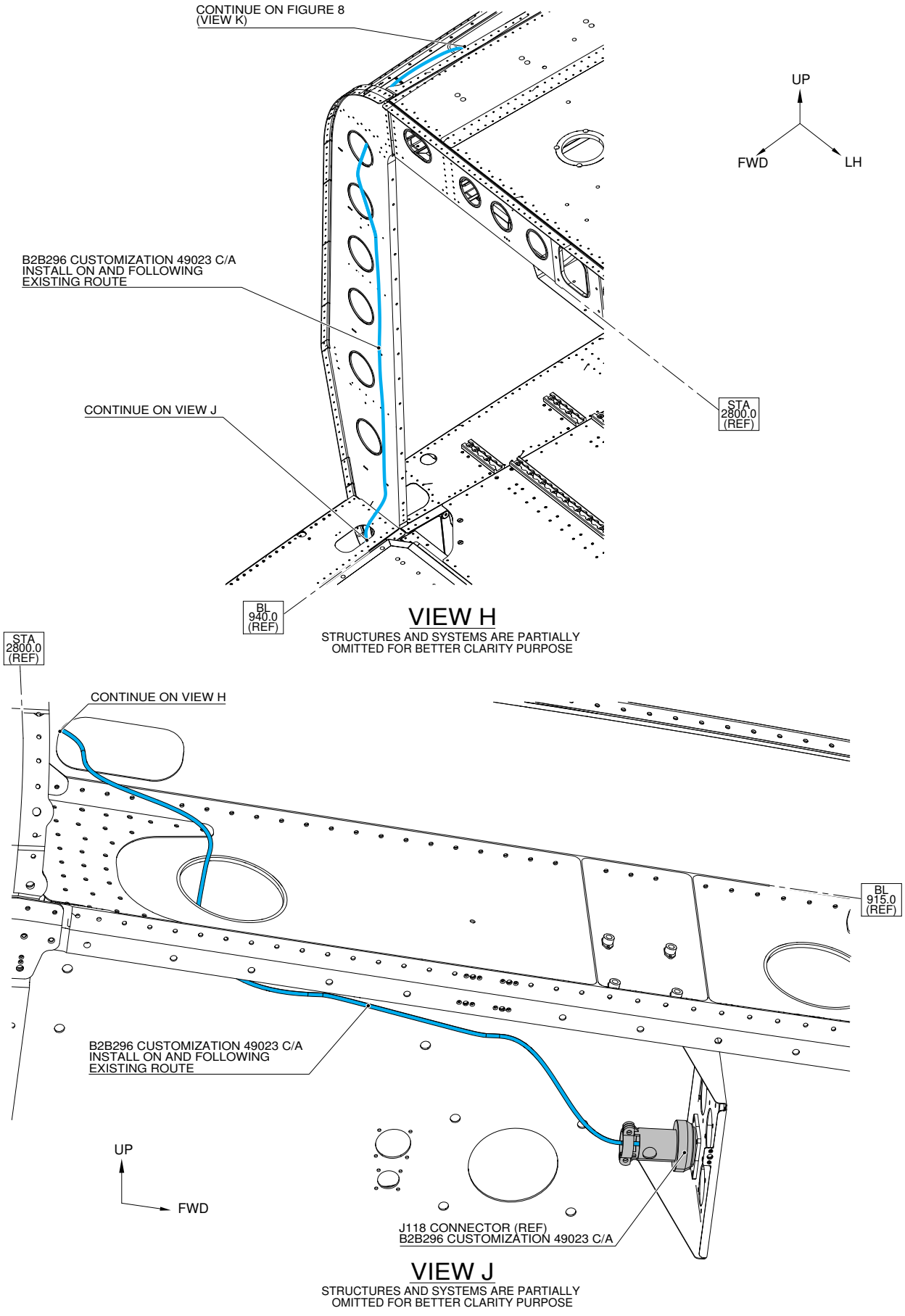

CONTINUE ON FIGURE 8
(VIEW K)
UP
FWD
LH
B2B296 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
CONTINUE ON VIEW J
STA
2800.0
(REF)
BL
940.0
(REF)
VIEW H
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
STA
2800.0
(REF)
CONTINUE ON VIEW H
BL
915.0
(REF)
B2B296 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
UP
FWD
J118 CONNECTOR (REF)
B2B296 CUSTOMIZATION 49023 C/A
VIEW J
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 62

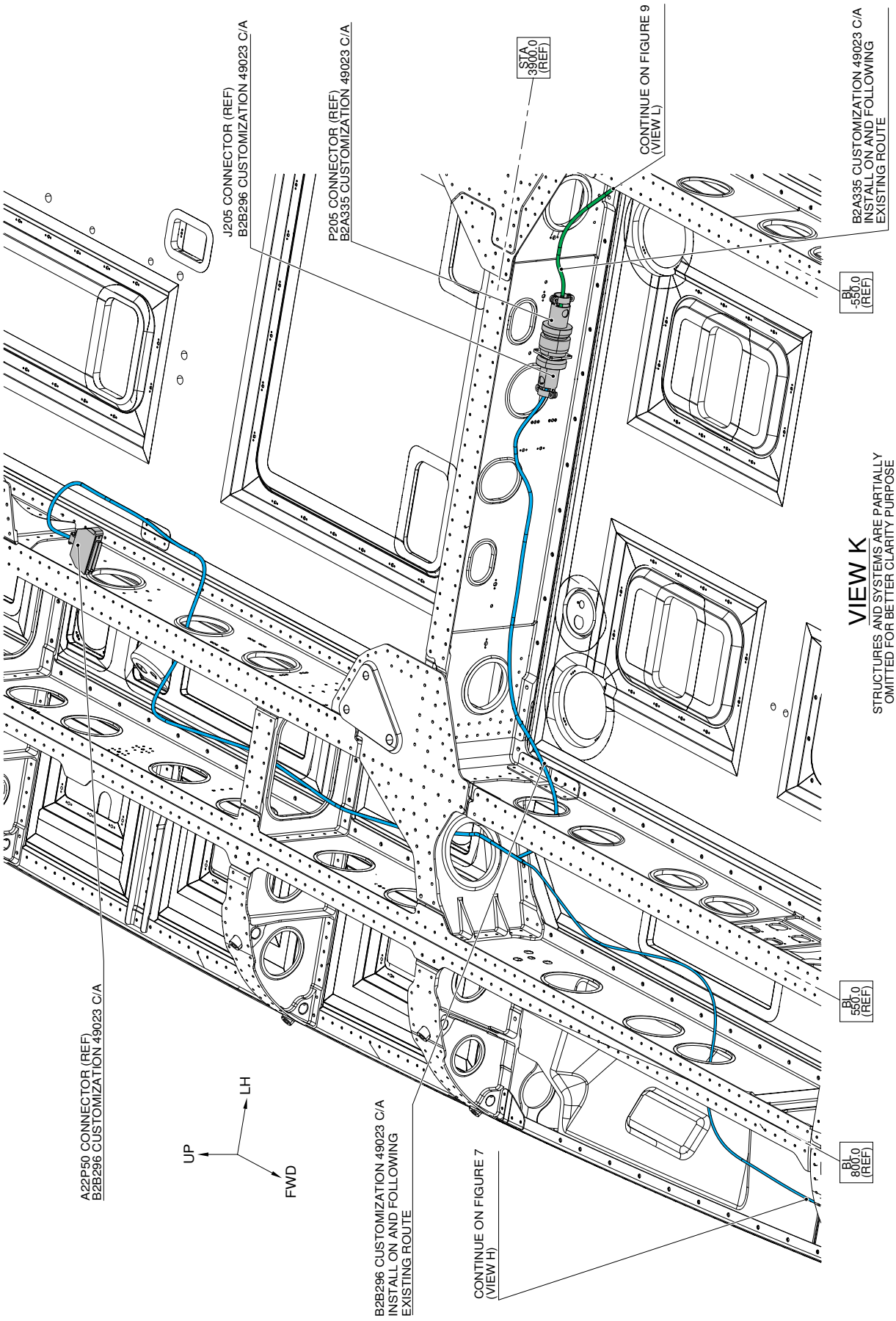

VIEW K
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
J205 CONNECTOR (REF)
B2B296 CUSTOMIZATION 49023 C/A
P205 CONNECTOR (REF)
B2A335 CUSTOMIZATION 49023 C/A
STA 3900.0 (REF)
CONTINUE ON FIGURE 9 (VIEW L)
B2A335 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
BL -550.0 (REF)
A22P50 CONNECTOR (REF)
B2B296 CUSTOMIZATION 49023 C/A
UP
LH
FWD
B2B296 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
CONTINUE ON FIGURE 7 (VIEW H)
BL 550.0 (REF)
BL 800.0 (REF)

Figure 63

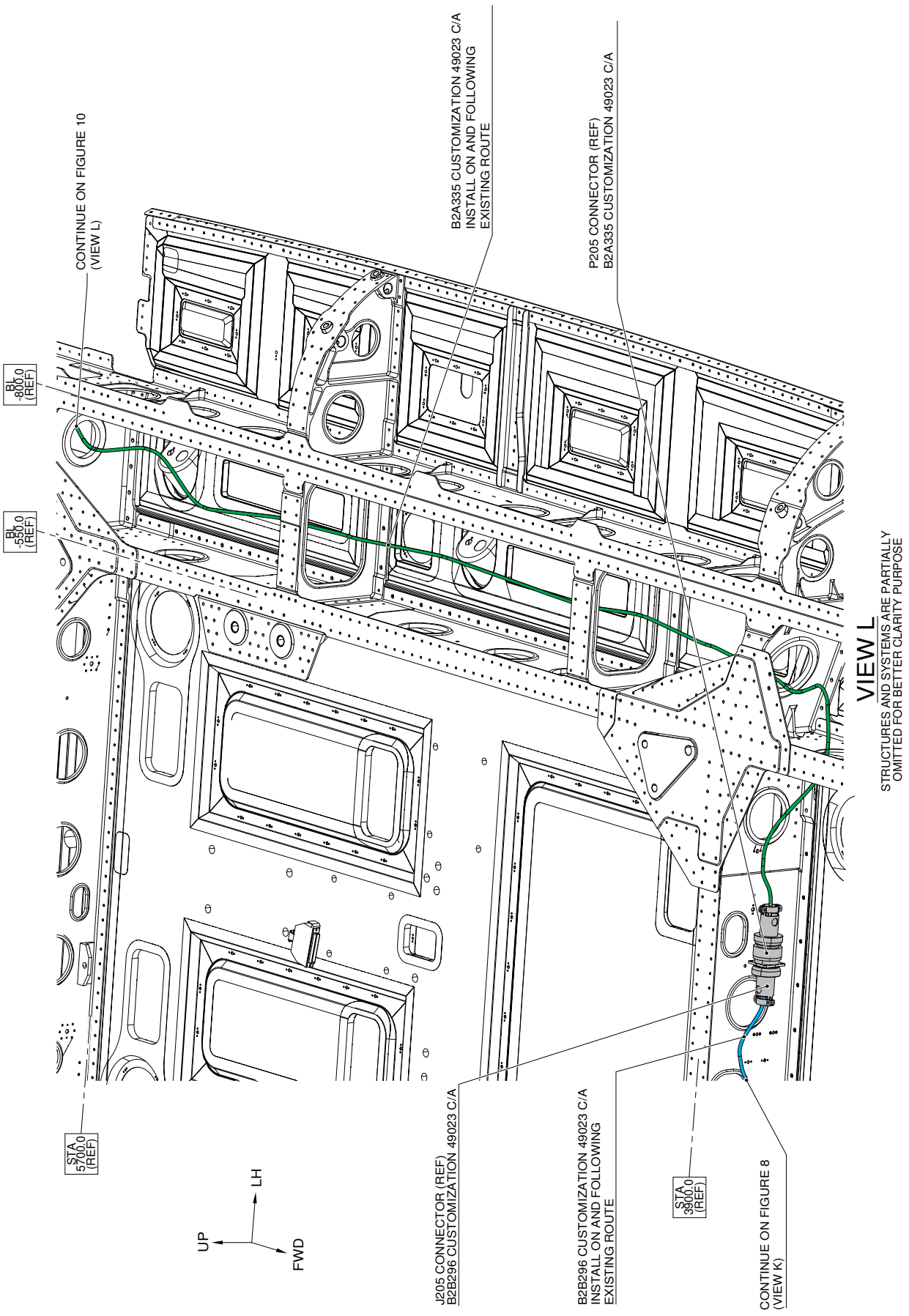

CONTINUE ON FIGURE 10
(VIEW L)
B2A335 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
P205 CONNECTOR (REF)
B2A335 CUSTOMIZATION 49023 C/A
BL
-800.0
(REF)
BL
-550.0
(REF)
STA
5700.0
(REF)
VIEW L
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
LH
UP
FWD
J205 CONNECTOR (REF)
B2B296 CUSTOMIZATION 49023 C/A
B2B296 CUSTOMIZATION 49023 C/A
INSTALL ON AND FOLLOWING
EXISTING ROUTE
STA
3900.0
(REF)
CONTINUE ON FIGURE 8
(VIEW K)

Figure 64

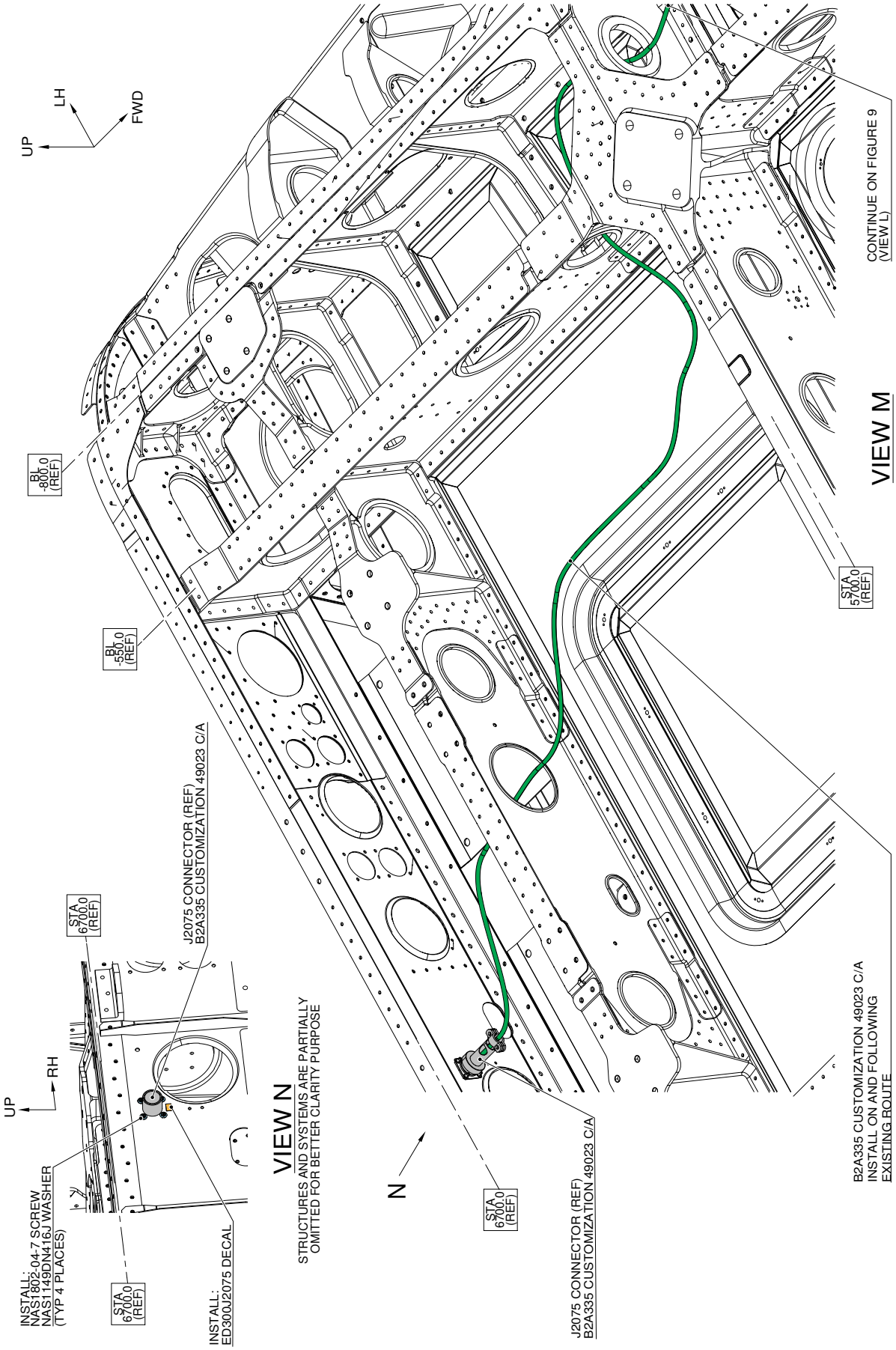

UP
LH
FWD
BL -800.0 (REF)
BL -550.0 (REF)
STA 5700.0 (REF)
CONTINUE ON FIGURE 9 (VIEW L)
VIEW M
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
B2A335 CUSTOMIZATION 49023 C/A INSTALL ON AND FOLLOWING EXISTING ROUTE
J2075 CONNECTOR (REF) B2A335 CUSTOMIZATION 49023 C/A
STA 6700.0 (REF)
N
VIEW N
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
UP
RH
INSTALL: NAS1802-04-7 SCREW NAS1149DN416J WASHER (TYP 4 PLACES)
INSTALL: ED300J2075 DECAL

Figure 65

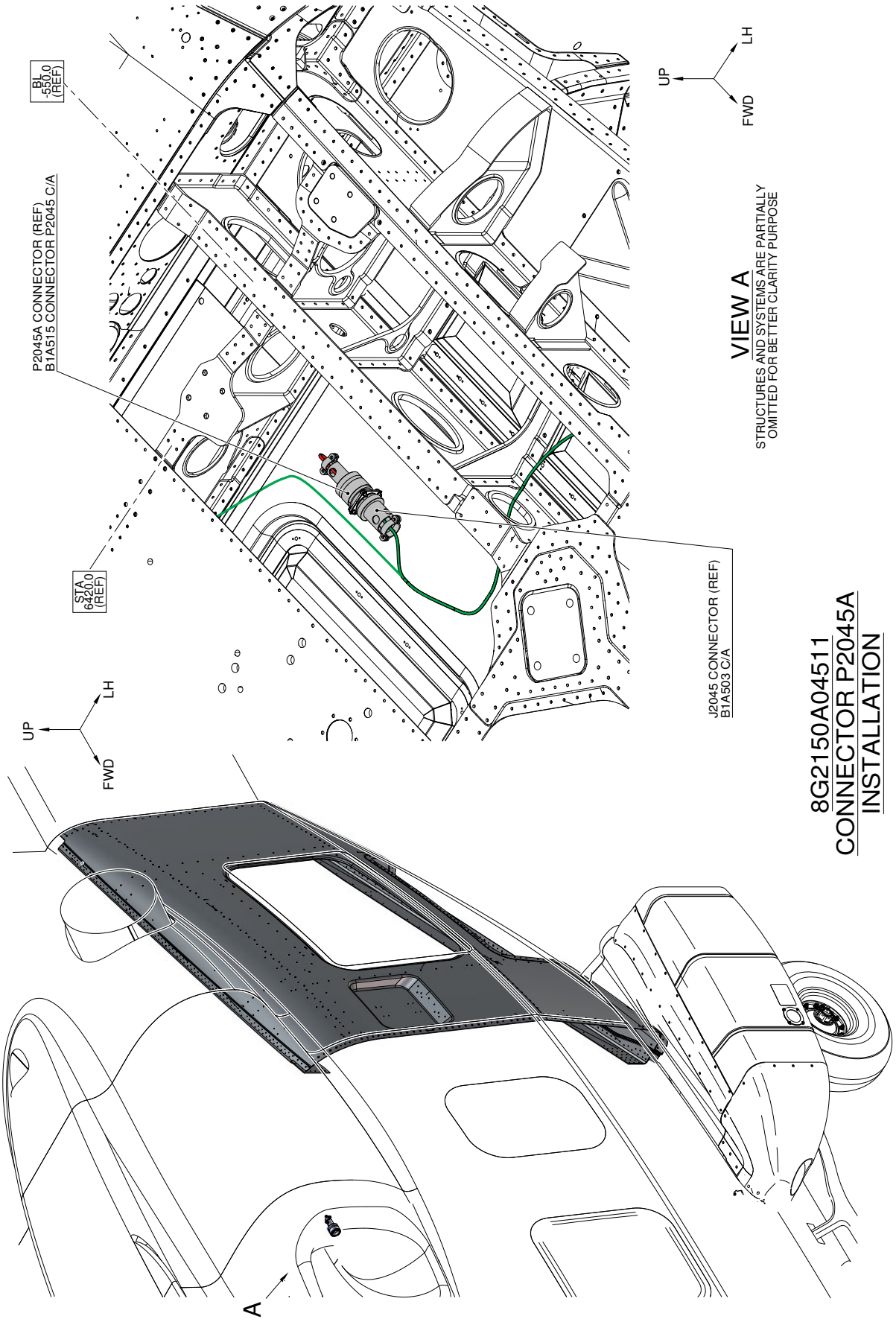

8G2150A04511
CONNECTOR P2045A
INSTALLATION
VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
P2045A CONNECTOR (REF)
B1A515 CONNECTOR P2045 C/A
J2045 CONNECTOR (REF)
B1A503 C/A
BL -550.0 (REF)
STA 6420.0 (REF)
UP
LH
FWD
A

Figure 66

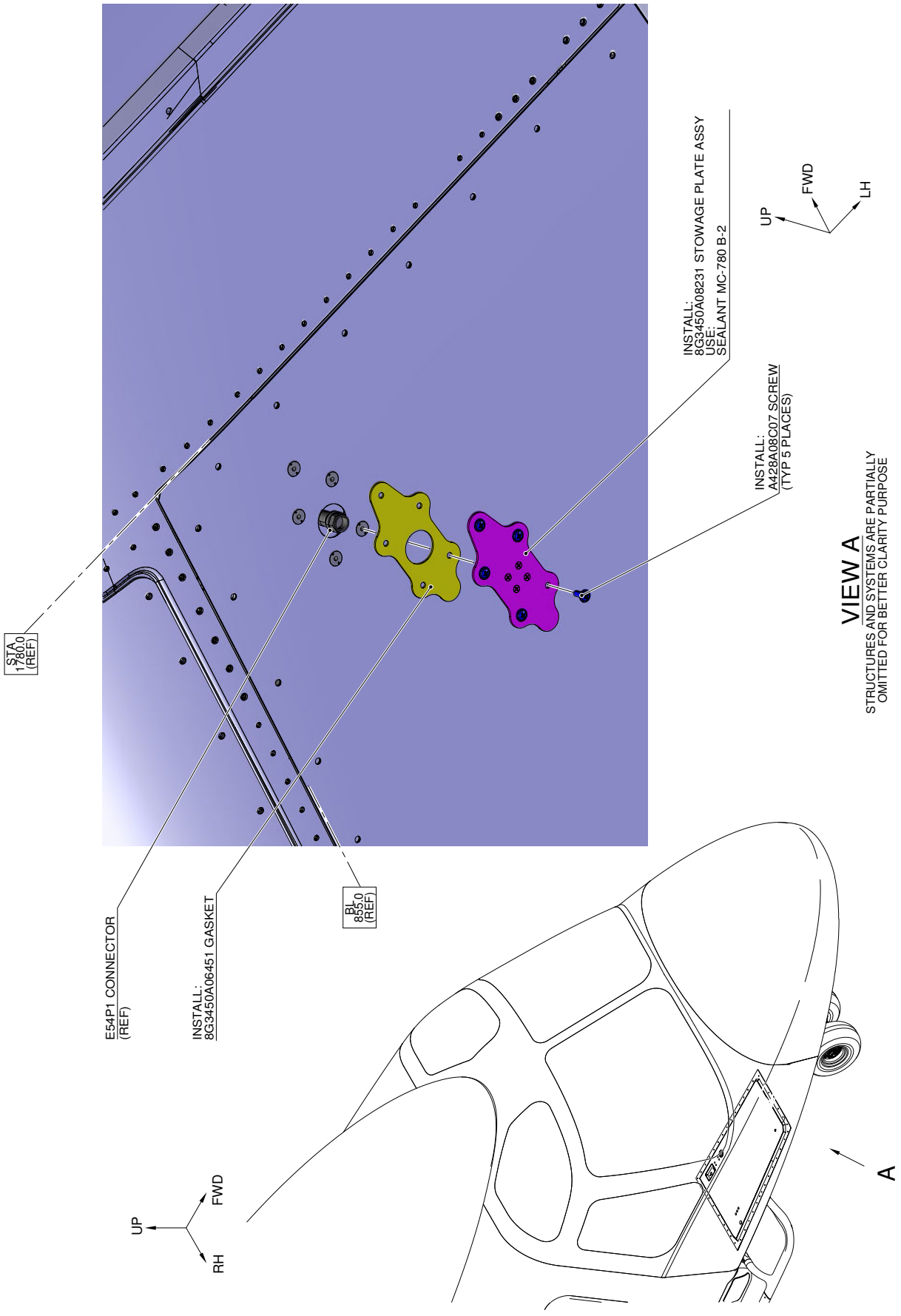

STA 1780.0 (REF)
INSTALL: 8G3450A08231 STOWAGE PLATE ASSY USE: SEALANT MC-780 B-2
INSTALL: A428A08C07 SCREW (TYP 5 PLACES)
UP
FWD
LH
VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE
E54P1 CONNECTOR (REF)
INSTALL: 8G3450A06451 GASKET
BL 855.0 (REF)
UP
FWD
RH
A

Figure 67

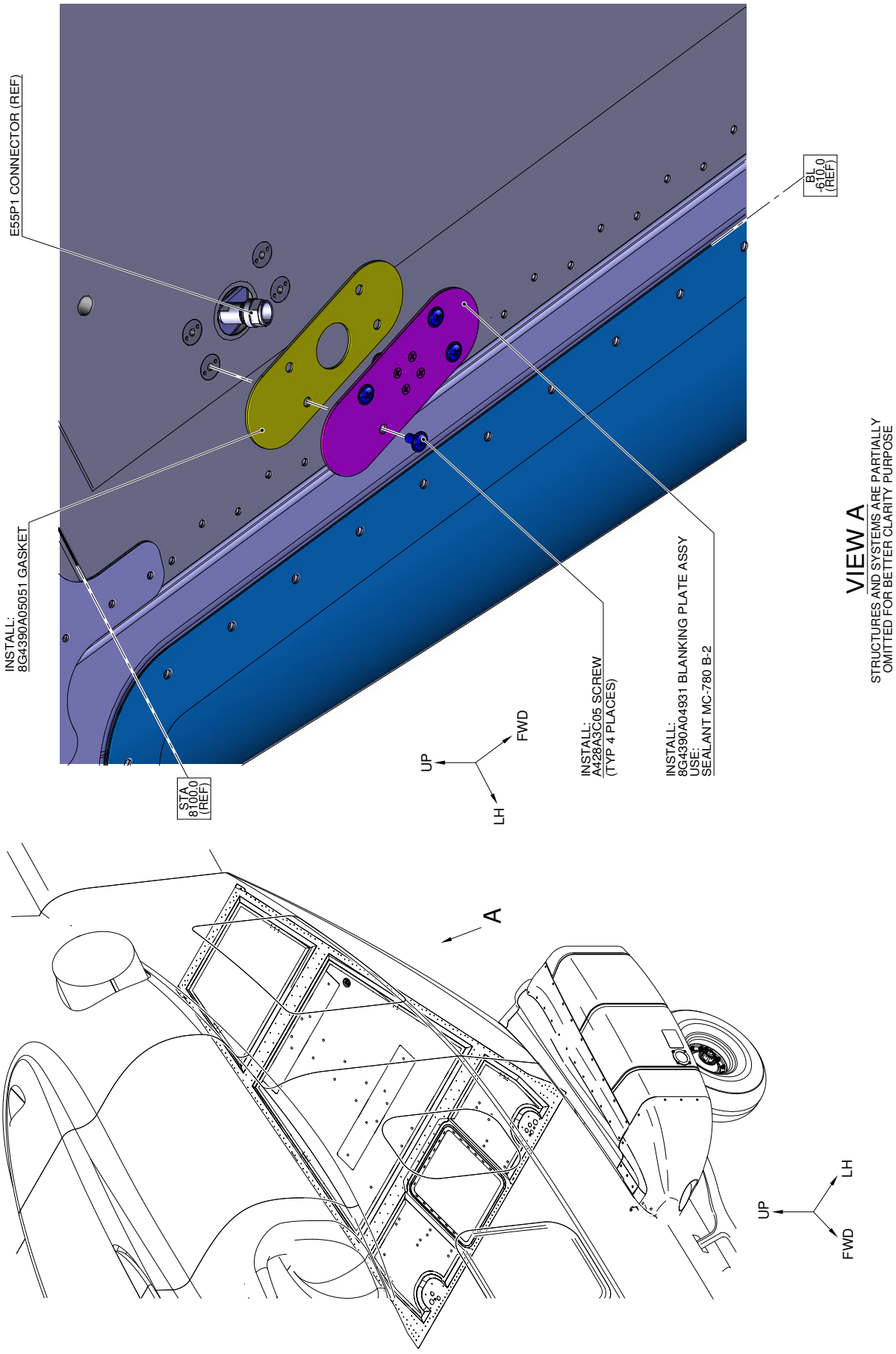

E55P1 CONNECTOR (REF)
INSTALL:
8G4390A05051 GASKET
STA
81000.0
(REF)
BL
-610.0
(REF)
INSTALL:
A428A3C05 SCREW
(TYP 4 PLACES)
INSTALL:
8G4390A04931 BLANKING PLATE ASSY
USE:
SEALANT MC-780 B-2
UP
FWD
LH
VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE
A
UP
LH
FWD

Figure 68

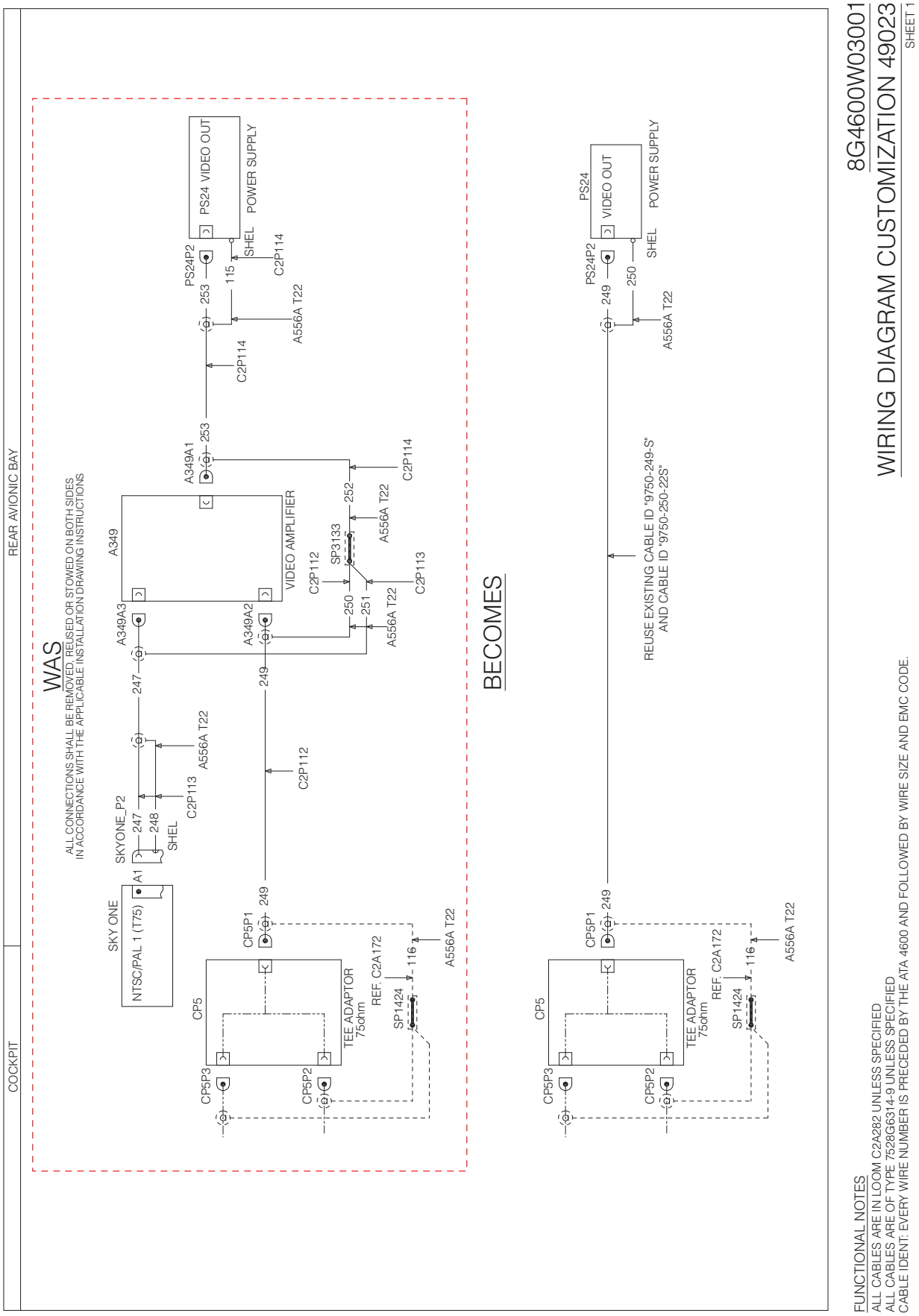

8G4600W03001
WIRING DIAGRAM CUSTOMIZATION 49023
SHEET 1
COCKPIT
REAR AVIONIC BAY
WAS
ALL CONNECTIONS SHALL BE REMOVED, REUSED OR STOWED ON BOTH SIDES IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
SKY ONE
NTSC/PAL 1 (T75)
A1
SKYONE_P2
247
248
SHEL
C2P113
A556A T22
A349
A349A3
A349A2
VIDEO AMPLIFIER
A349A1
253
C2P114
A556A T22
PS24P2
PS24 VIDEO OUT
POWER SUPPLY
115
SHEL
C2P114
A556A T22
C2P112
SP3133
252
A556A T22
C2P114
250
251
A556A T22
C2P113
249
C2P112
CP5P1
249
CP5
CP5P3
CP5P2
TEE ADAPTOR 75ohm
REF. C2A172
SP1424
116
A556A T22
BECOMES
PS24
VIDEO OUT
POWER SUPPLY
PS24P2
249
250
SHEL
A556A T22
REUSE EXISTING CABLE ID "9750-249-S" AND CABLE ID "9750-250-22S"
CP5P1
249
CP5
CP5P3
CP5P2
TEE ADAPTOR 75ohm
REF. C2A172
SP1424
116
A556A T22
FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM C2A282 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE 7528G6314-9 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 4600 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 69

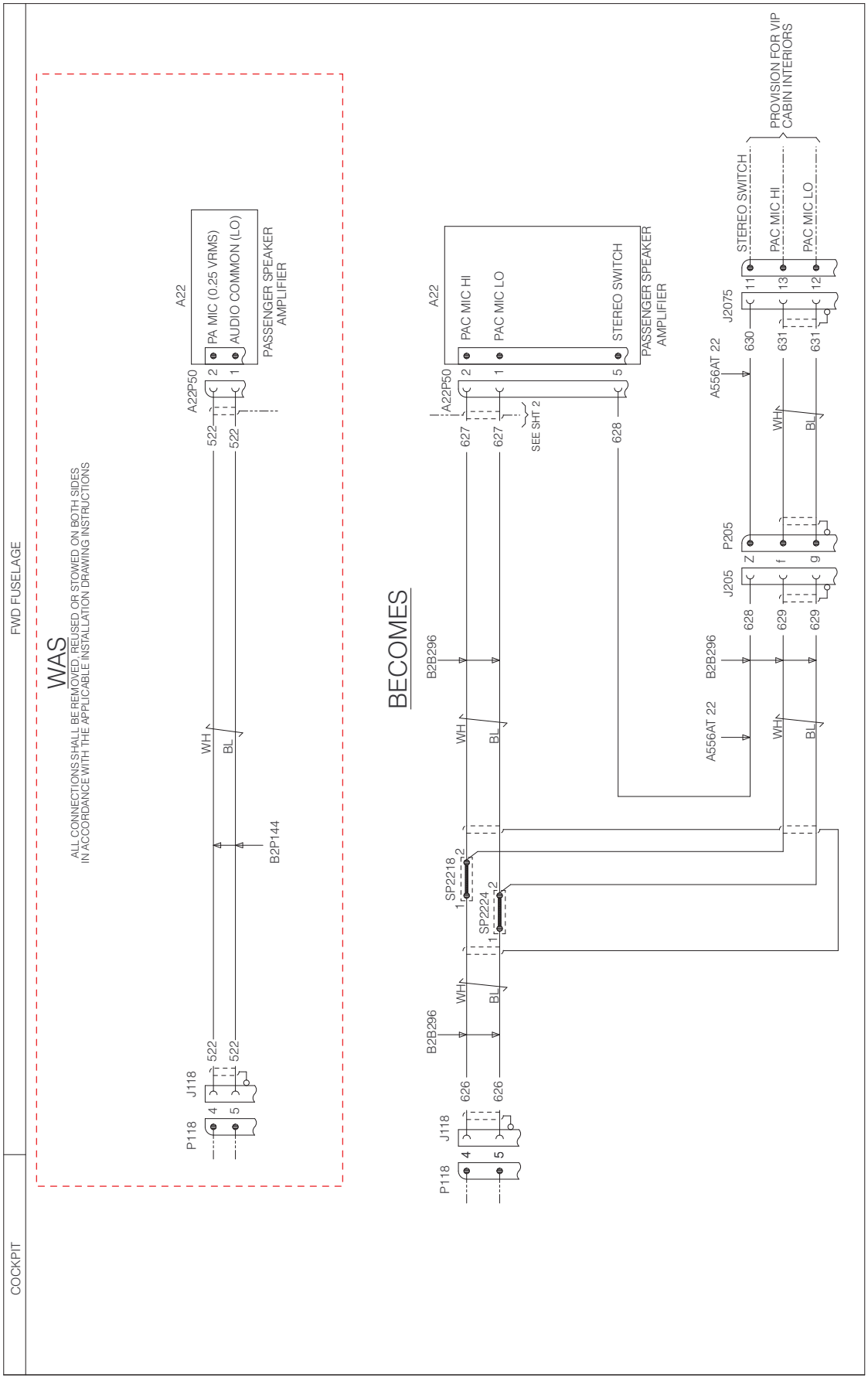
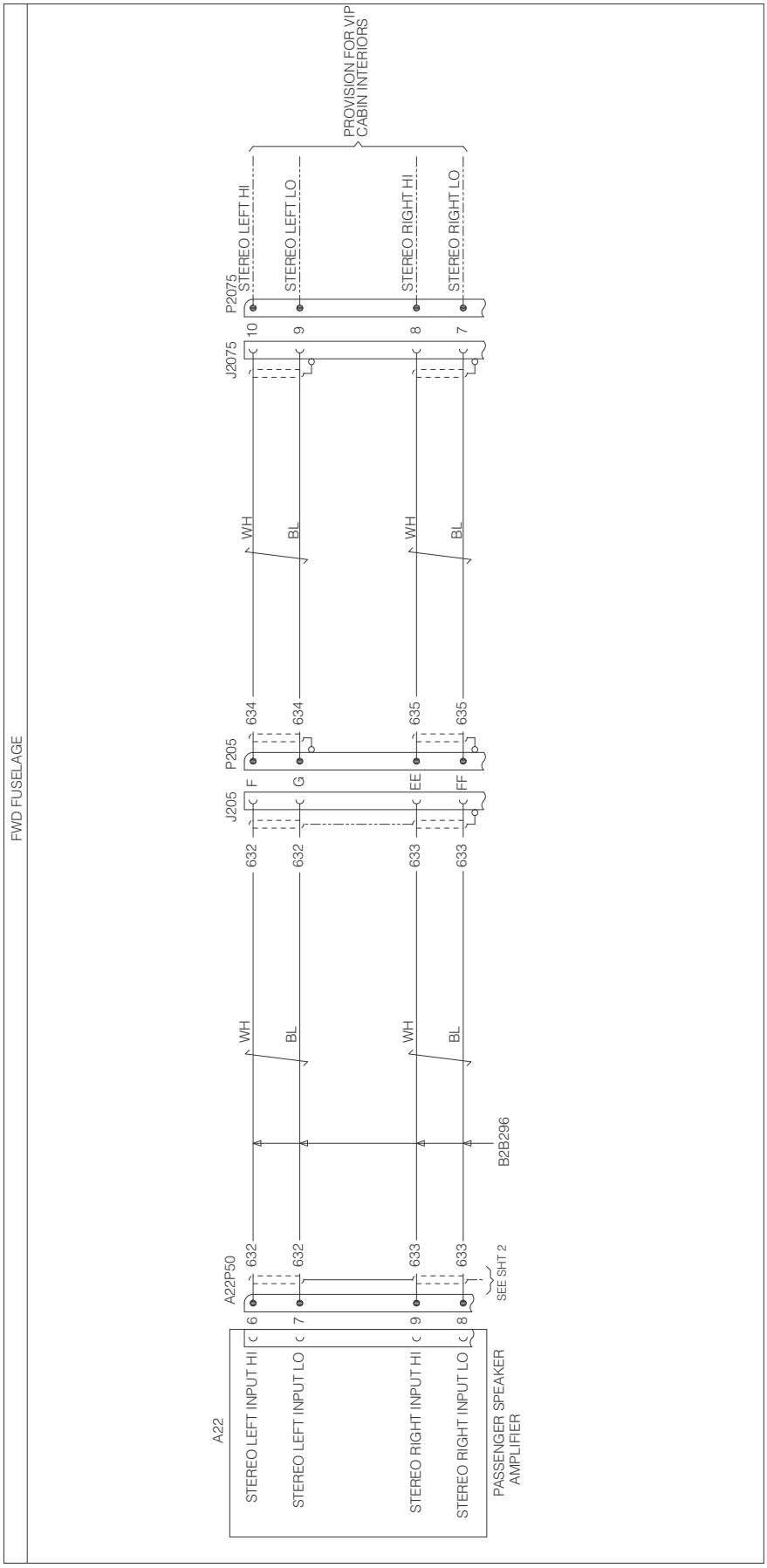

COCKPIT
FWD FUSELAGE
WAS
ALL CONNECTIONS SHALL BE REMOVED, RELISED OR STOWED ON BOTH SIDES IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
A22
PA MIC (0.25 VRMS)
AUDIO COMMON (LO)
PASSENGER SPEAKER AMPLIFIER
A22P50
522
WH
BL
B2P144
P118
J118
BECOMES
PAC MIC HI
PAC MIC LO
STEREO SWITCH
SEE SHT 2
627
628
626
B2B296
SP2218
SP2224
A556AT 22
J205
P205
J2075
629
630
631
PROVISION FOR VIP CABIN INTERIORS
8G4600W03001
WIRING DIAGRAM CUSTOMIZATION 49023
SHEET 2
FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B2A335 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A561AT2 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 4600 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 70



FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B2A335 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A561AT2 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 4600 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 71

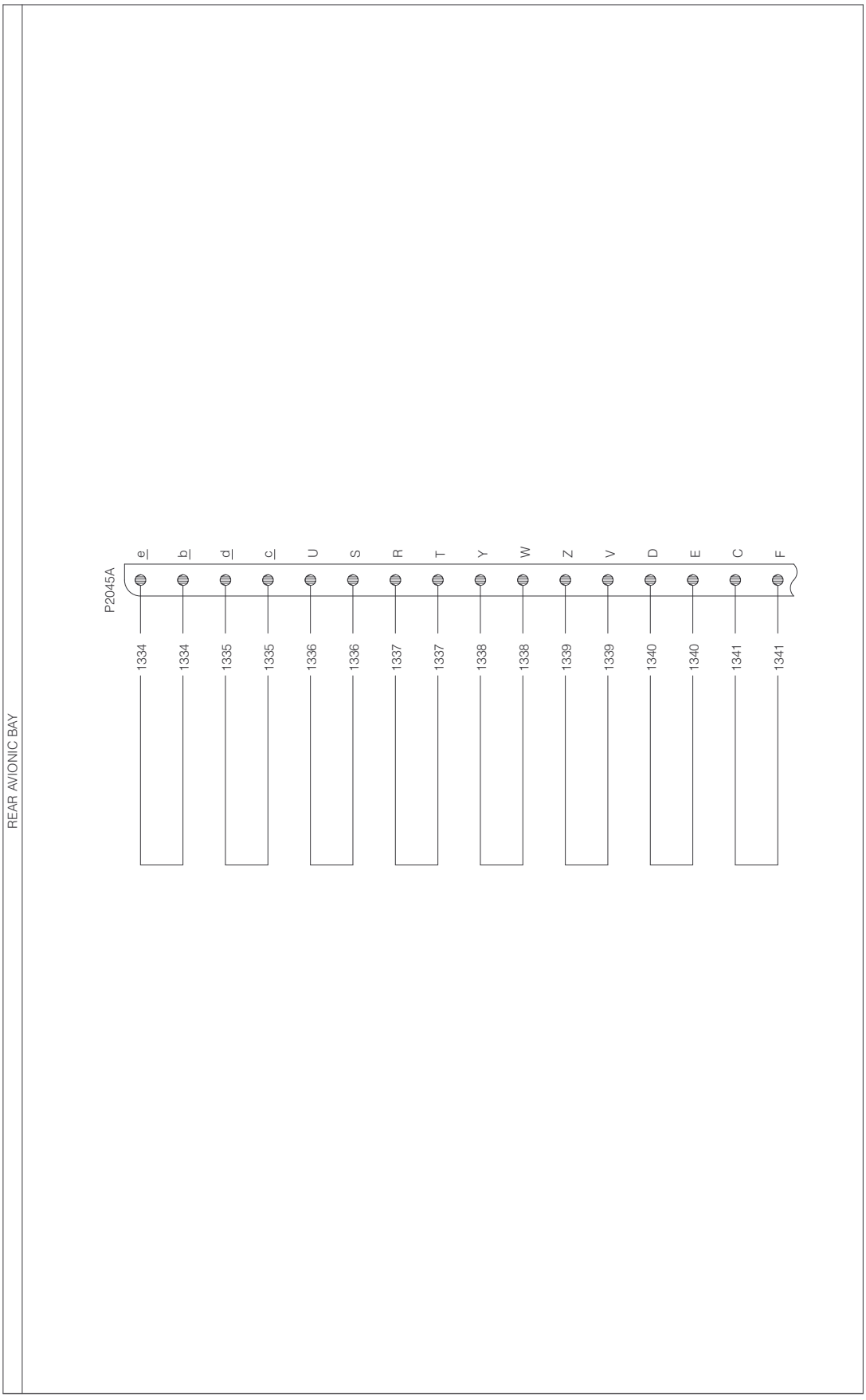
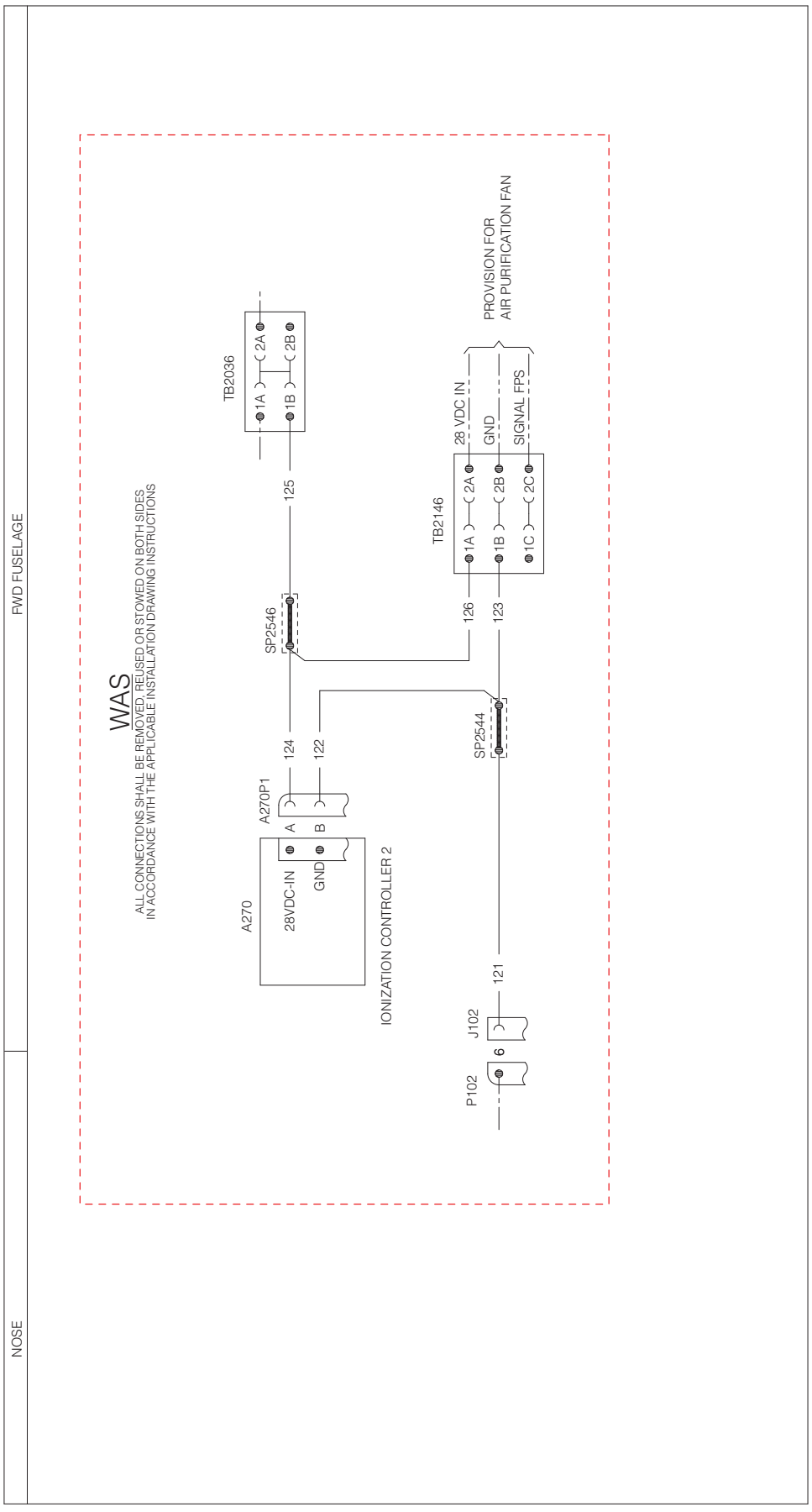

8G2150W01101
WIRING DIAGRAM CONNECTOR P2045
REAR AVIONIC BAY
P2045A
e
b
d
c
U
S
R
T
Y
W
Z
V
D
E
C
F
1334
1334
1335
1335
1336
1336
1337
1337
1338
1338
1339
1339
1340
1340
1341
1341
FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B1A515 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A556AT 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 100 DESCRIPTION 2150 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 72

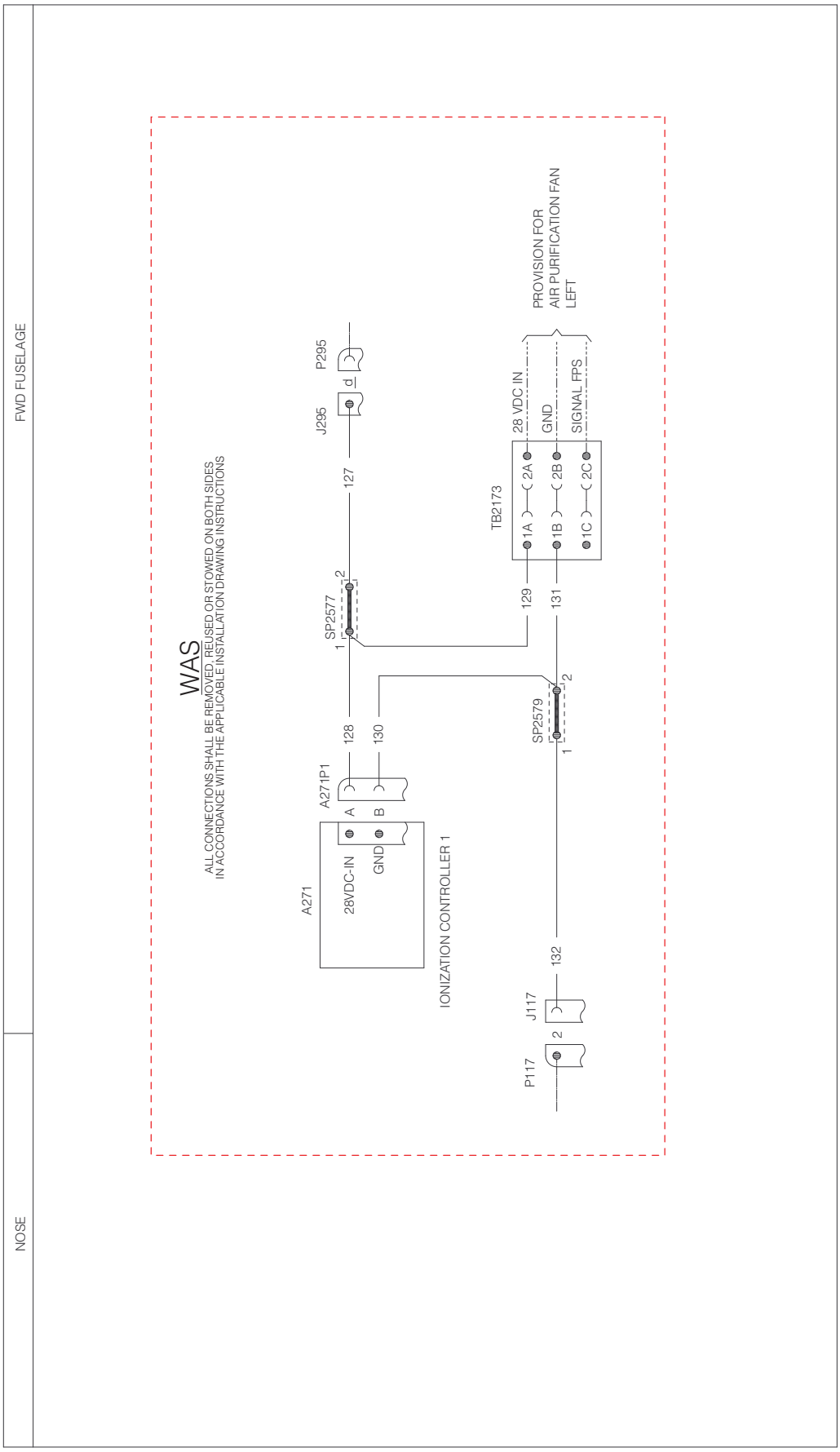


8G2170W00201

WIRING DIAGRAM AIR PURIFICATION FAN

FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B1B365 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A556AT 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 100 DESCRIPTION 2170 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 73



8G2170W00301

WIRING DIAGRAM AIR PURIFICATION FAN LEFT

FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B1A395 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A556AT 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 100 DESCRIPTION 2170 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 74

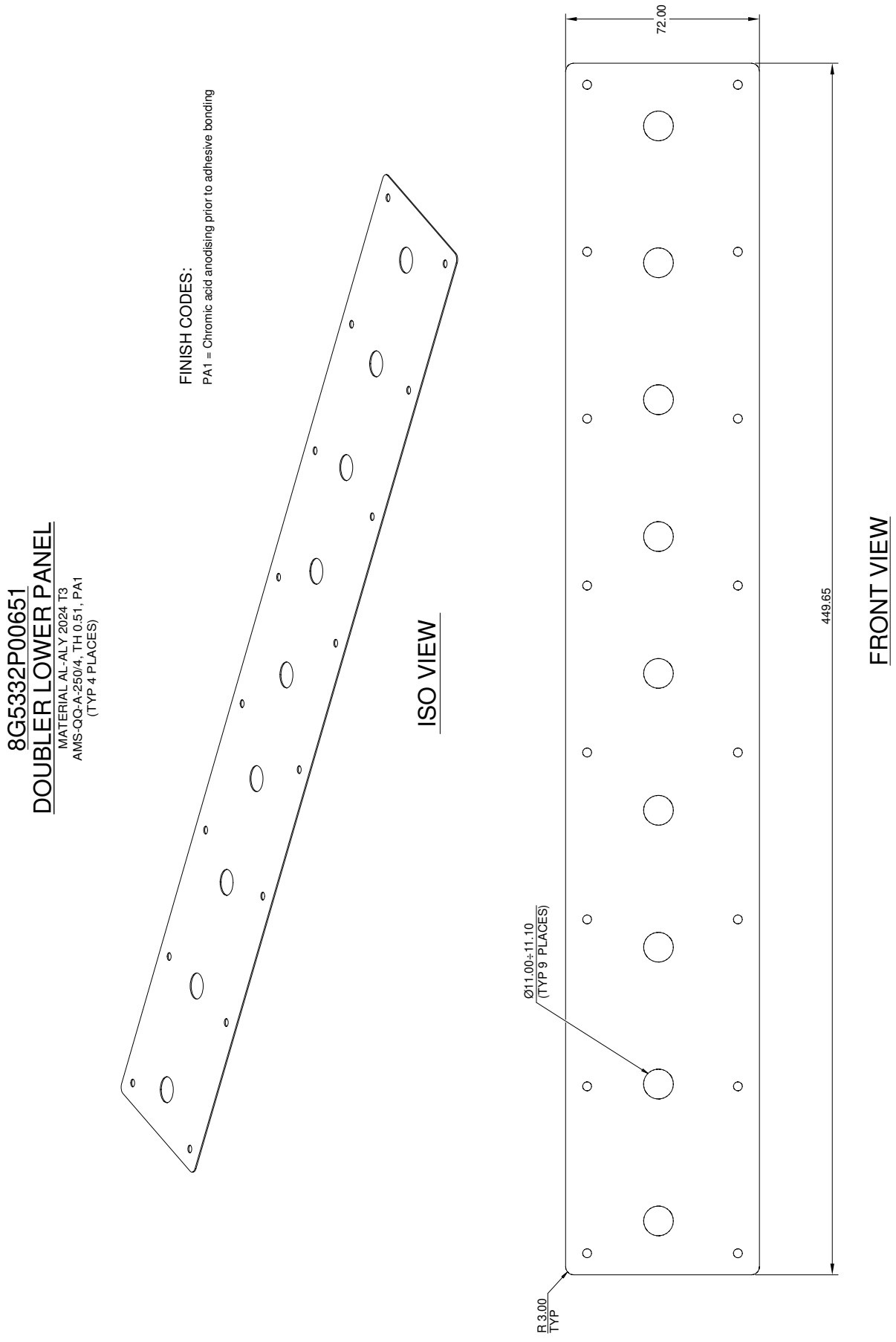

8G5332P00651
DOUBLER LOWER PANEL
MATERIAL AL-ALY 2024 T3
AMS-QQ-A-250/4, TH 0.51, PA1
(TYP 4 PLACES)
FINISH CODES:
PA1 = Chromic acid anodising prior to adhesive bonding
ISO VIEW
72.00
449.65
FRONT VIEW
Ø11.00÷11.10
(TYP 9 PLACES)
R 3.00
TYP

Figure 75

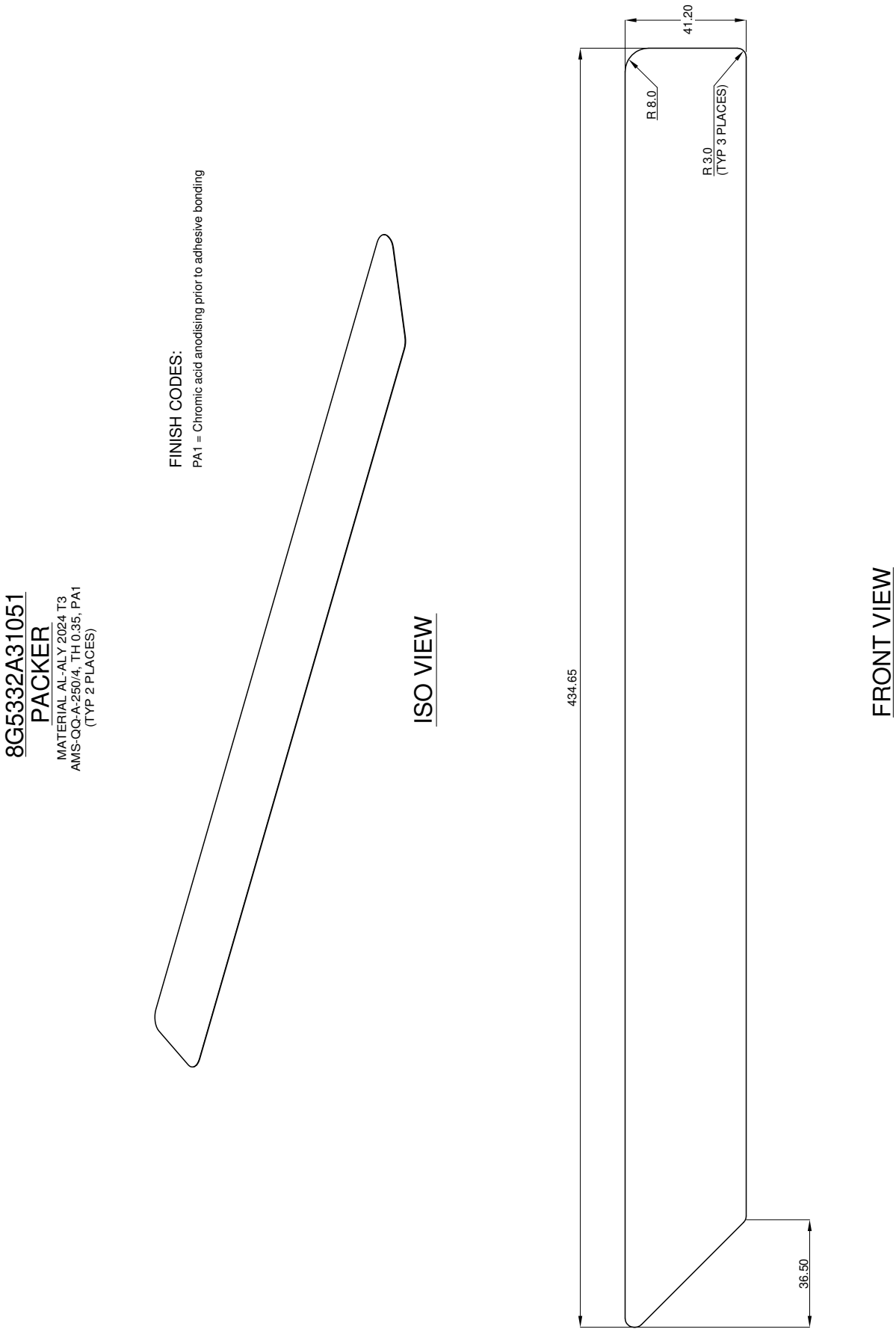

8G5332A31051
PACKER
MATERIAL AL-ALY 2024 T3
AMS-QQ-A-250/4, TH 0.35, PA1
(TYP 2 PLACES)
FINISH CODES:
PA1 = Chromic acid anodising prior to adhesive bonding
ISO VIEW
41.20
R 8.0
R 3.0
(TYP 3 PLACES)
434.65
36.50
FRONT VIEW

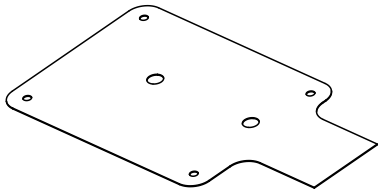
Figure 76

8G5332A31651
DOUBLER LOWER PANEL
MATERIAL AL-ALY 2024 T3
AMS-QQ-A-250/4, TH 0.51, PA1
(TYP 2 PLACES)
FINISH CODES:
PA1 = Chromic acid anodising prior to adhesive bonding
ISO VIEW
FRONT VIEW
NOTE:
3 FOR THE HOLE POSITIONS SEE FIGURE 46
75.00
60.00
21.50
R 8.0
(TYP 6 PLACES)
R 10.0
87.30
R 10.0
21.50
473.65
446.40
Ø11.00÷11.10
(TYP 10 PLACES)
(SEE NOTE 3)
8.00
TYP
8.00
TYP
75.00

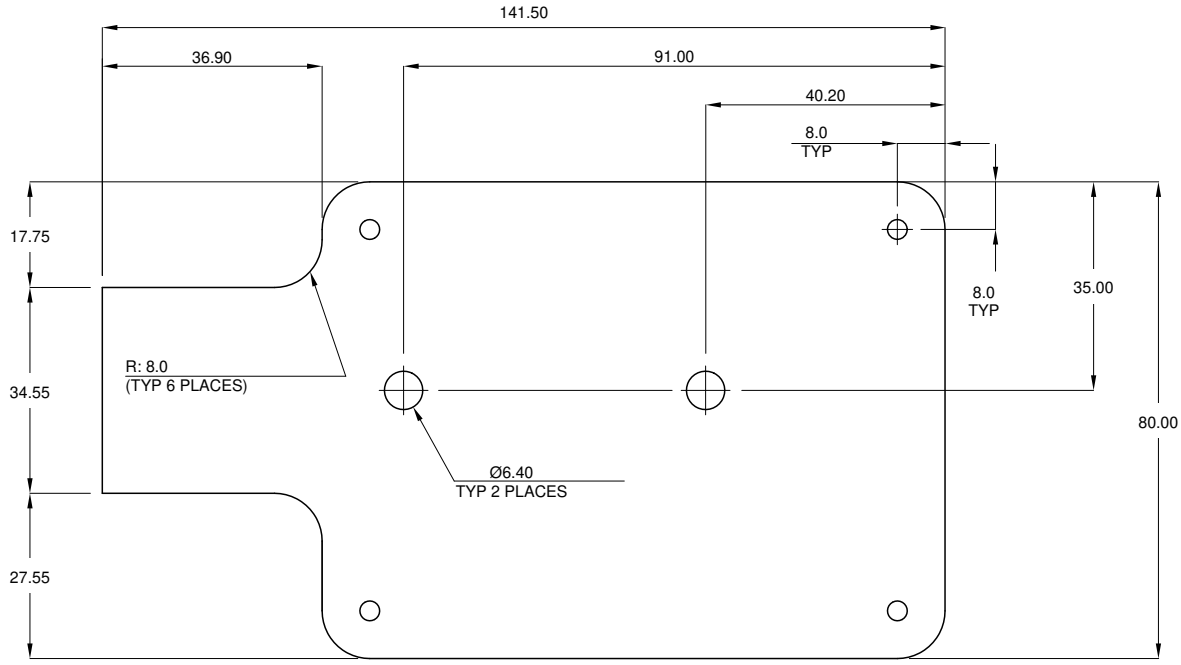
Figure 77

8G5332P01751
DOUBLER
MATERIAL AL-ALY 2024 T3
AMS-QQ-A-250/4, TH 0.35, PA1
(TYP 2 PLACES)

FINISH CODES:
PA1 = Chromic acid anodising prior to adhesive bonding



ISO VIEW



FRONT VIEW

Figure 78

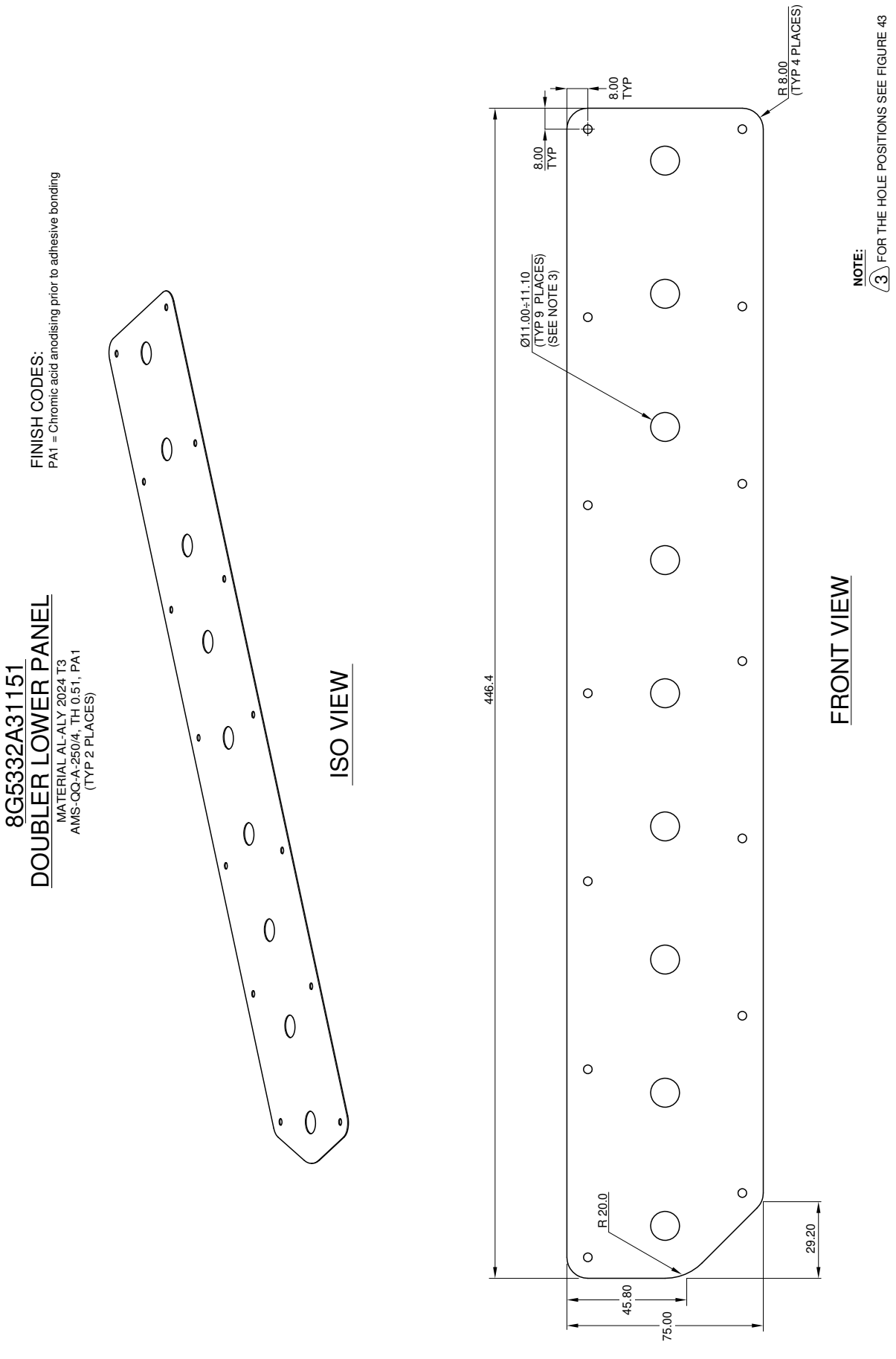

8G5332A31151
DOUBLER LOWER PANEL
MATERIAL AL-ALY 2024 T3
AMS-QQ-A-250/4, TH 0.51, PA1
(TYP 2 PLACES)
FINISH CODES:
PA1 = Chromic acid anodising prior to adhesive bonding
ISO VIEW
FRONT VIEW
NOTE:
3 FOR THE HOLE POSITIONS SEE FIGURE 43
R 8.00
(TYP 4 PLACES)
8.00
TYP
8.00
TYP
Ø11.00÷11.10
(TYP 9 PLACES)
(SEE NOTE 3)
446.4
R 20.0
29.20
45.80
75.00

Figure 79

8G4600A03211 CUSTOMIZATION 49023 C/A INSTALLATION									
Cable Assy	Wire			From Ref Des	Pin From	Electrical Contact	To Ref Des	Pin To	Electrical Contact
	P/N	ID	Col.						
8G9B22A33501 (B2A335)	A556A-T22	4600-630-22S		J2075	11	M39029/56-348	P205	Z	M39029/58-363
	A561A-T2-22	4600-631-22S	BL	J2075	12	M39029/56-348	P205	g	M39029/58-363
			WH	J2075	13	M39029/56-348	P205	f	M39029/58-363
	A561A-T2-22	4600-634-22S	BL	J2075	9	M39029/56-348	P205	G	M39029/58-363
			WH	J2075	10	M39029/56-348	P205	F	M39029/58-363
	A561A-T2-22	4600-635-22S	BL	J2075	7	M39029/56-348	P205	FF	M39029/58-363
			WH	J2075	8	M39029/56-348	P205	EE	M39029/58-363
8G9B22B29601 (B2B296	A561A-T2-22	4600-627-22S	BL	A22P50	1	FC7520D/AA	SP2224	2	
			WH	A22P50	2	FC7520D/AA	SP2218	2	
	A556A-T22	4600-628-22S		A22P50	5	FC7520D/AA	J205	Z	M39029/56-351
	A561A-T2-22	4600-632-22S	BL	A22P50	7	FC7520D/AA	J205	G	M39029/56-351
			WH	A22P50	6	FC7520D/AA	J205	F	M39029/56-351
	A561A-T2-22	4600-633-22S	BL	A22P50	8	FC7520D/AA	J205	FF	M39029/56-351
			WH	A22P50	9	FC7520D/AA	J205	EE	M39029/56-351
	A561A-T2-22	4600-626-22S	BL	J118	5	M39029/56-348	SP2224	1	
			WH	J118	4	M39029/56-348	SP2218	1	
	A561A-T2-22	4600-629-22S	BL	J205	g	M39029/56-351	SP2224	2	
			WH	J205	f	M39029/56-351	SP2218	2	

8G4600A03211 CUSTOMIZATION 49023 C/A INSTALLATION									
Cable Assy	Wire			From Ref Des	Pin From	Electrical Contact	To Ref Des	Pin To	Electrical Contact
	P/N	ID	Col.						
8G9B22A33501 (B2A335)	A556A-T22	2150-1334-22G		P2045A	e	M39029/58-363	P2045A	b	M39029/58-363
	A556A-T22	2150-1335-22G		P2045A	d	M39029/58-363	P2045A	c	M39029/58-363
	A556A-T22	2150-1336-22G		P2045A	U	M39029/58-363	P2045A	S	M39029/58-363
	A556A-T22	2150-1337-22G		P2045A	R	M39029/58-363	P2045A	T	M39029/58-363
	A556A-T22	2150-1338-22G		P2045A	Y	M39029/58-363	P2045A	W	M39029/58-363
	A556A-T22	2150-1339-22G		P2045A	Z	M39029/58-363	P2045A	V	M39029/58-363
	A556A-T22	2150-1340-22G		P2045A	D	M39029/58-363	P2045A	E	M39029/58-363
	A556A-T22	2150-1341-22G		P2045A	C	M39029/58-363	P2045A	F	M39029/58-363

Figure 80

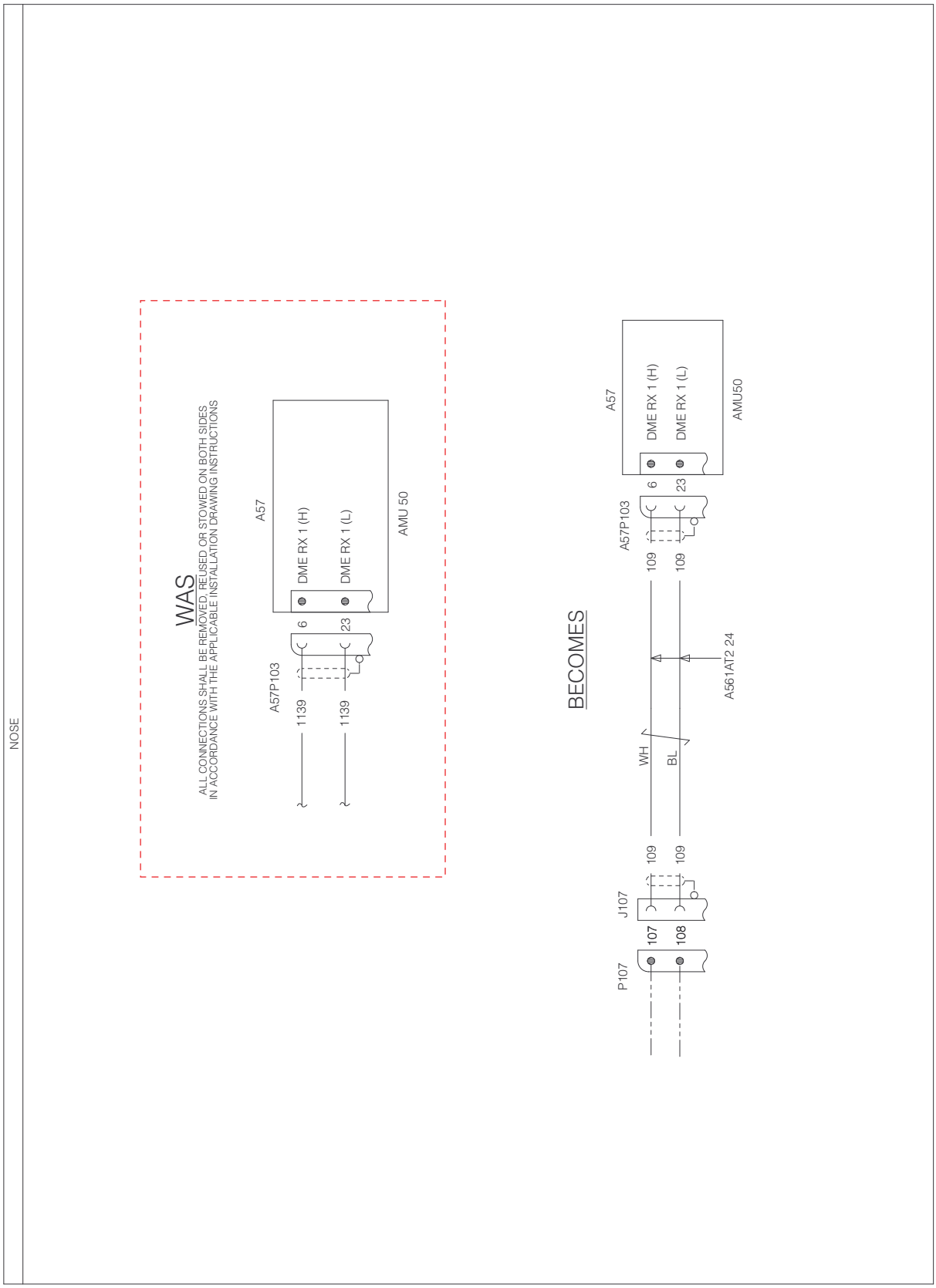

NOSE
WAS
ALL CONNECTIONS SHALL BE REMOVED, RELISED OR STOWED ON BOTH SIDES
IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
A57
DME RX 1 (H)
DME RX 1 (L)
AMU 50
A57P103
6
23
1139
1139
BECOMES
A57
DME RX 1 (H)
DME RX 1 (L)
AMU50
A57P103
6
23
109
109
A561AT2 24
WH
BL
J107
109
109
107
108
P107

Figure 81

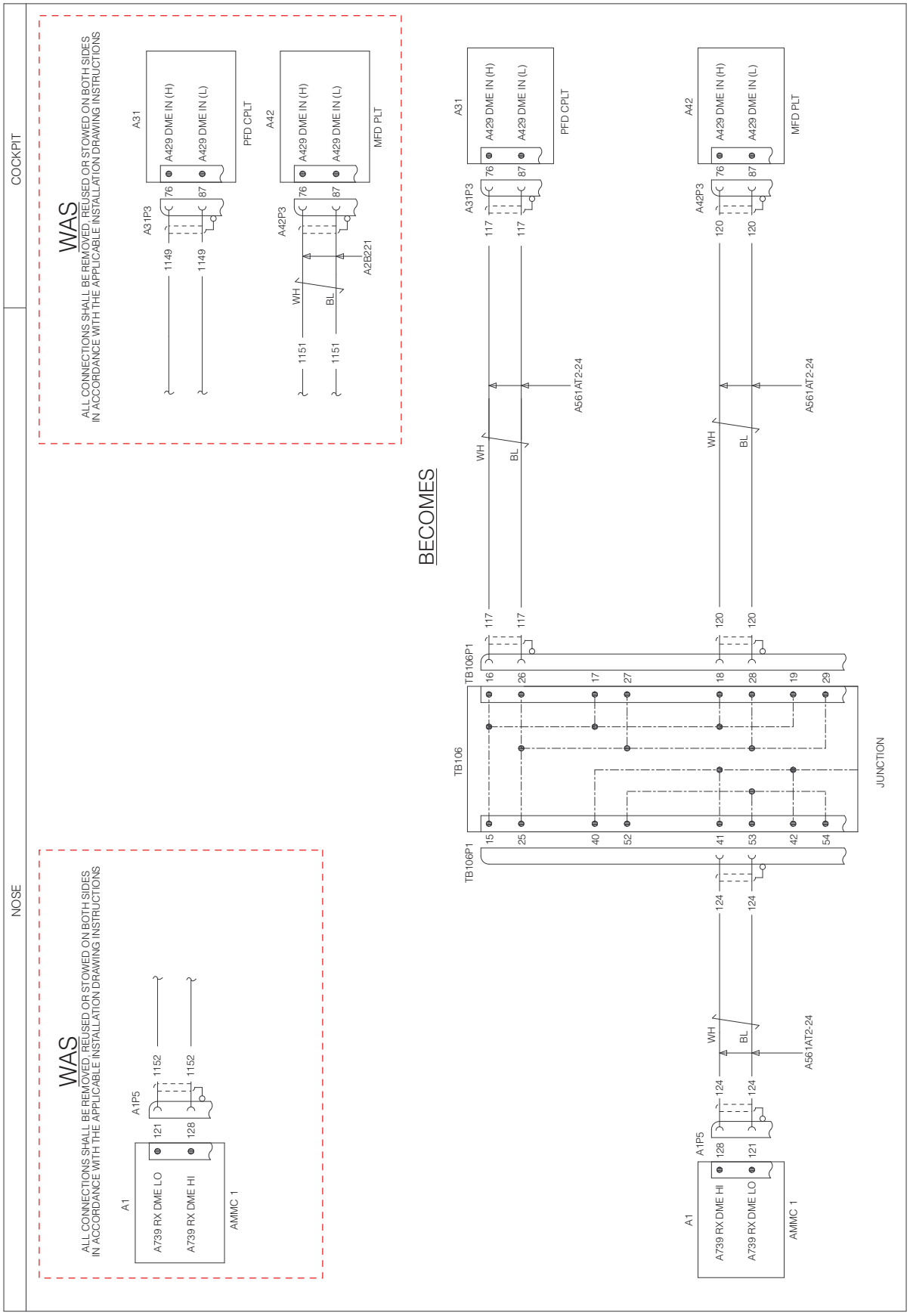

COCKPIT
NOSE
WAS
ALL CONNECTIONS SHALL BE REMOVED, REUSED OR STOWED ON BOTH SIDES IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
A31
A429 DME IN (H)
A429 DME IN (L)
PFD CPLT
A31P3
76
87
1149
1149
A42
A429 DME IN (H)
A429 DME IN (L)
MFD PLT
A42P3
76
87
1151
1151
WH
BL
A2B221
WAS
ALL CONNECTIONS SHALL BE REMOVED, REUSED OR STOWED ON BOTH SIDES IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
A1
A739 RX DME LO
A739 RX DME HI
AMMC 1
A1P5
121
128
1152
1152
BECOMES
A31
A429 DME IN (H)
A429 DME IN (L)
PFD CPLT
A31P3
76
87
117
117
WH
BL
A561AT2-24
A42
A429 DME IN (H)
A429 DME IN (L)
MFD PLT
A42P3
76
87
120
120
WH
BL
A561AT2-24
TB106P1
16
26
17
27
18
28
19
29
TB106
15
25
40
52
41
53
42
54
TB106P1
117
117
120
120
JUNCTION
124
124
WH
BL
A561AT2-24
A1
A739 RX DME HI
A739 RX DME LO
AMMC 1
A1P5
128
121
124
124

Figure 82

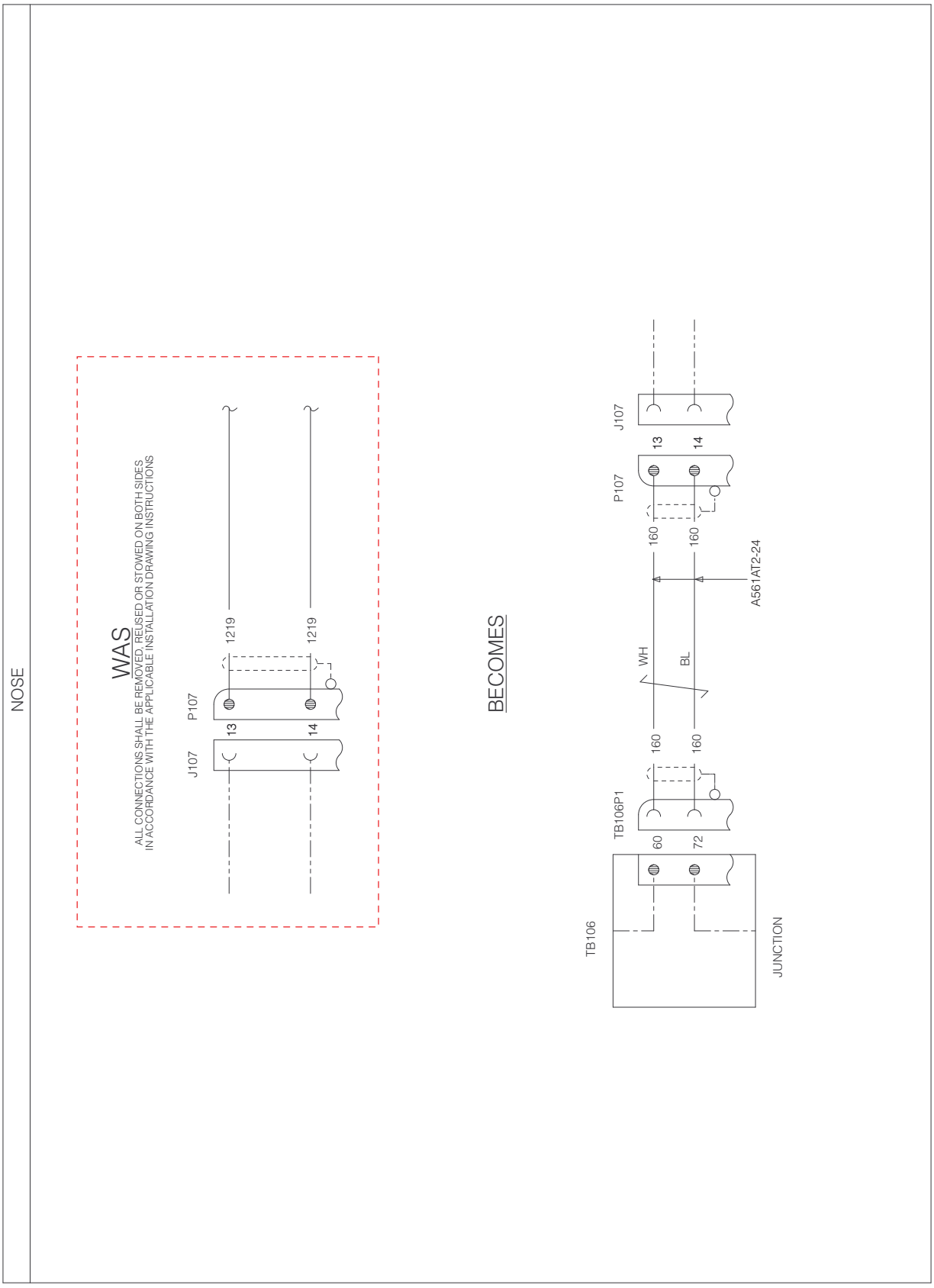

NOSE
WAS
ALL CONNECTIONS SHALL BE REMOVED, REUSED OR STOWED ON BOTH SIDES IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
J107
P107
13
14
1219
1219
BECOMES
J107
P107
13
14
160
160
A561AT2-24
WH
BL
160
160
TB106P1
60
72
TB106
JUNCTION

Figure 83

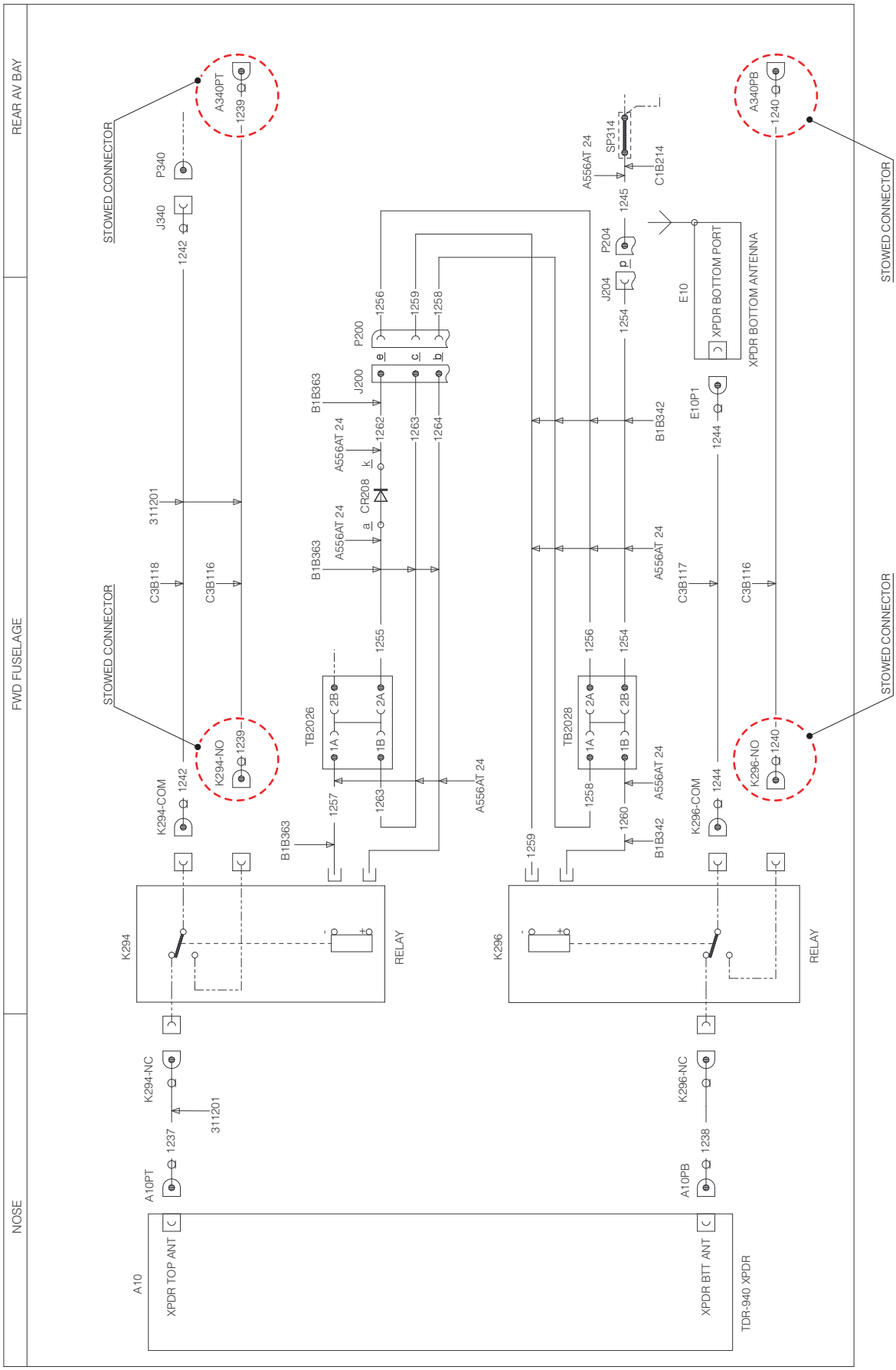

NOSE
FWD FUSELAGE
REAR AV BAY
STOWED CONNECTOR
STOWED CONNECTOR
STOWED CONNECTOR
STOWED CONNECTOR
A340PT
A340PB
P340
J340
P204
J204
E10
XPDR BOTTOM PORT
XPDR BOTTOM ANTENNA
E10P1
SP314
C1B214
A556AT 24
311201
C3B118
C3B116
C3B117
K294-COM
K294-NO
K296-COM
K296-NO
K294-NC
K296-NC
A10PT
A10PB
A10
XPDR TOP ANT
XPDR BTT ANT
TDR-940 XPDR
K294
K296
RELAY
RELAY
P200
J200
B1B363
B1B342
CR208
TB2026
TB2028
1A
1B
2A
2B
1237
1238
1239
1240
1242
1244
1245
1254
1255
1256
1257
1258
1259
1260
1262
1263
1264

Figure 84

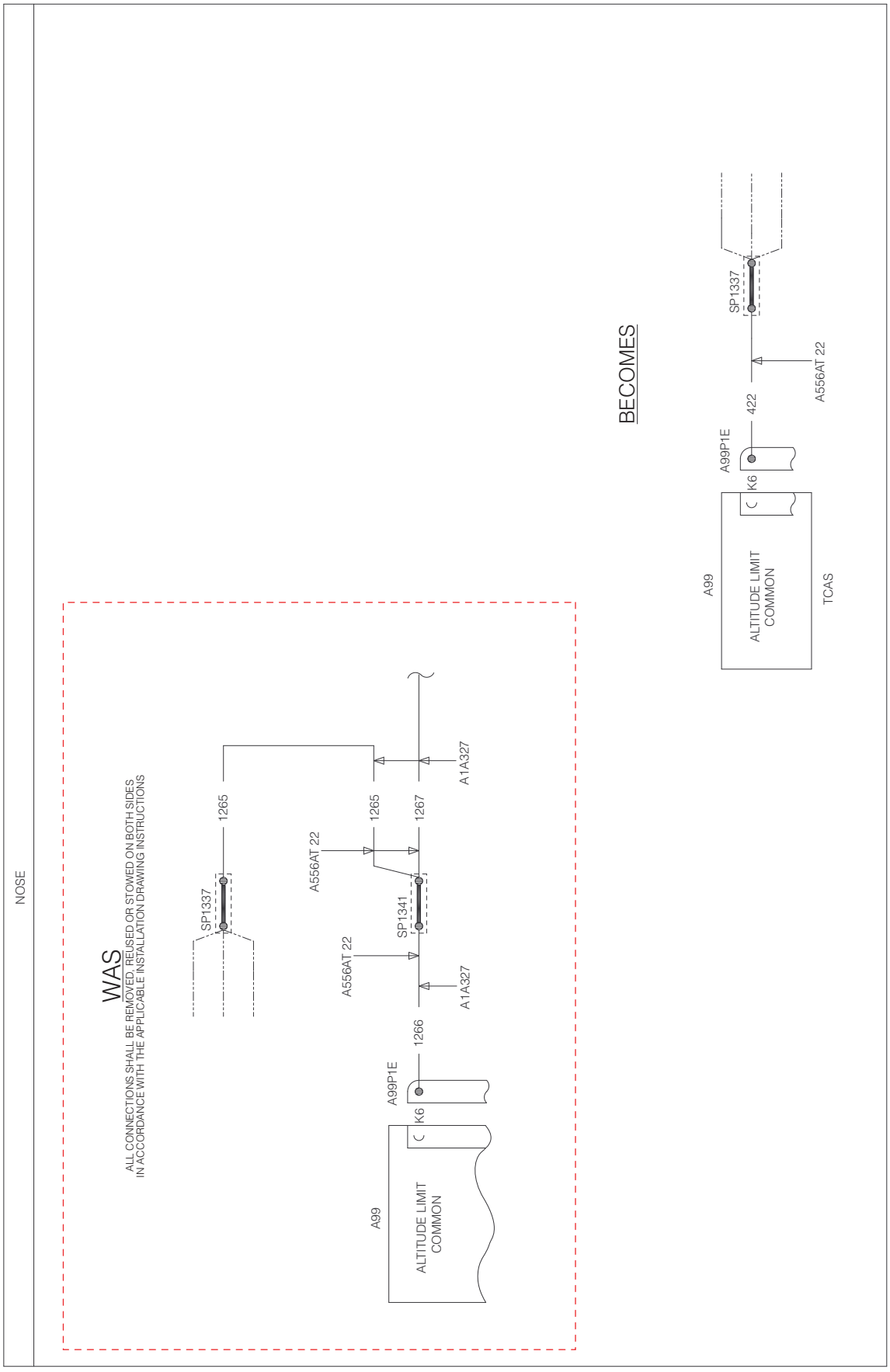

NOSE
WAS
ALL CONNECTIONS SHALL BE REMOVED, REUSED OR STOWED ON BOTH SIDES
IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
SP1337
1265
A556AT 22
1265
1267
A1A327
SP1341
A556AT 22
A1A327
1266
A99P1E
K6
A99
ALTITUDE LIMIT
COMMON
BECOMES
SP1337
A556AT 22
422
A99P1E
K6
A99
ALTITUDE LIMIT
COMMON
TCAS

Figure 85

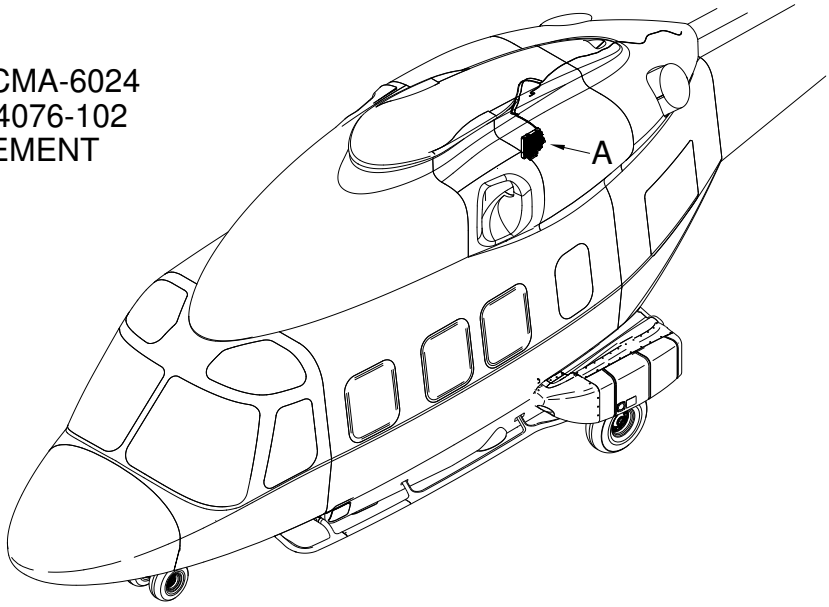
8G3450A08351
STOWAGE PLATE
MATERIAL AL-ALY 2024 T3
AMS-QQ-A-250/4, TH 1.8, N+XPFW/1
FINISH CODES:
N = Chromic acid anodising not sealed
XPFW/1 = One coat of waterborne chromate free primer
DIMENSIONS ACCORDING TO THE NUMBER 2 DME ANTENNA (E54)
FRONT VIEW
8G3450A08231
STOWAGE PLATE ASSY
A604A00TNC01RC DUMMY CONNECTOR
8G3450A08351 STOWAGE PLATE (REF)
MS24693-S4 SCREW (REF)
(TYP 4 PLACES)
MS21042L04 NUT (REF)
(TYP 4 PLACES)
ISO VIEW

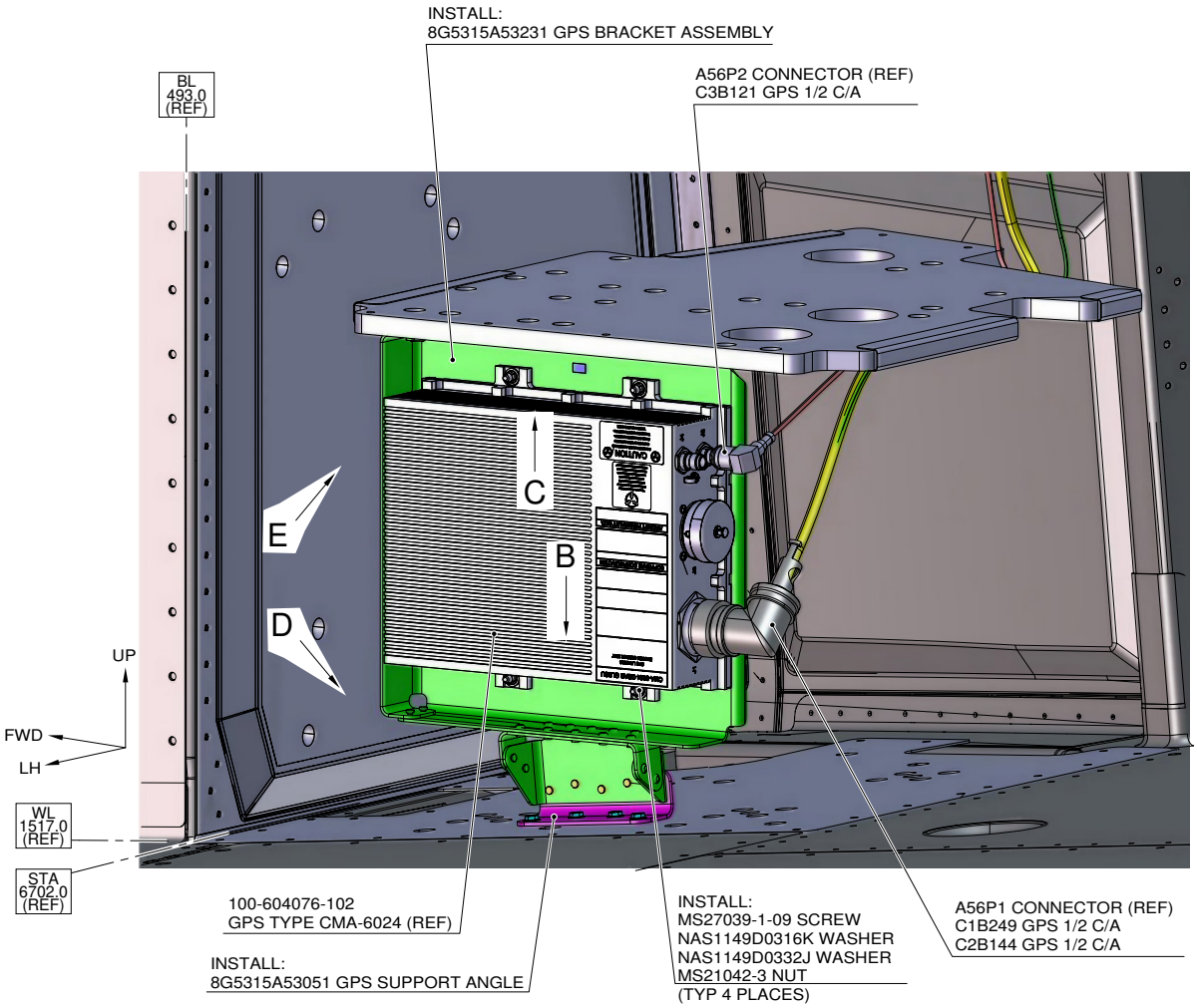
Figure 86

8G4390A04851
BLANKING PLATE
MATERIAL AL-ALY 2024 T3
AMS-QQ-A-250/4, TH 1.8, N+XPFW/1
FINISH CODES:
N = Chromic acid anodising not sealed
XPFW/1 = One coat of waterborne chromate free primer
DIMENSIONS ACCORDING TO THE GSM ANTENNA (E55)
FRONT VIEW
8G4390A04931
BLANKING PLATE ASSY
A604A00TNC01RC DUMMY CONNECTOR
8G4390A04851 BLANKNG PLATE (REF)
MS24693-S4 SCREW (REF)
(TYP 4 PLACES)
MS21042L04 NUT (REF)
(TYP 4 PLACES)
ISO VIEW

Figure 87

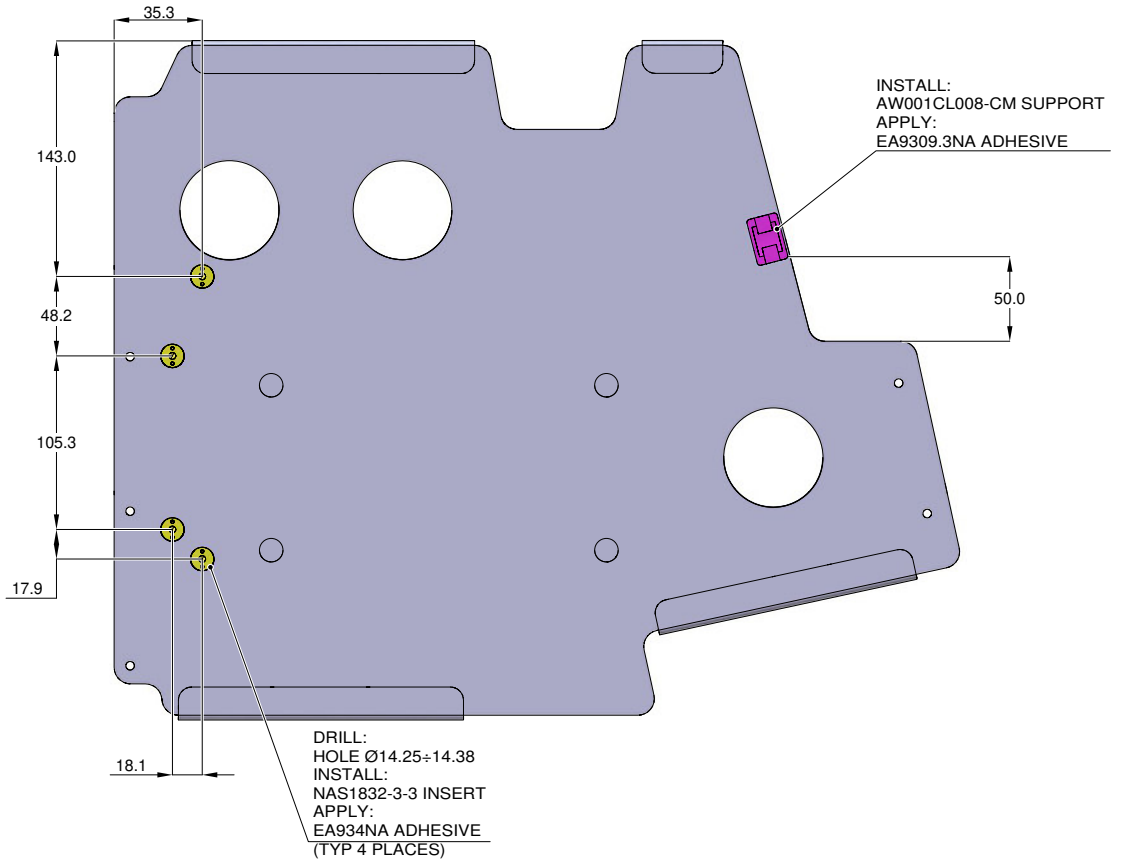
GPS TYPE CMA-6024
P/N 100-604076-102
REPLACEMENT





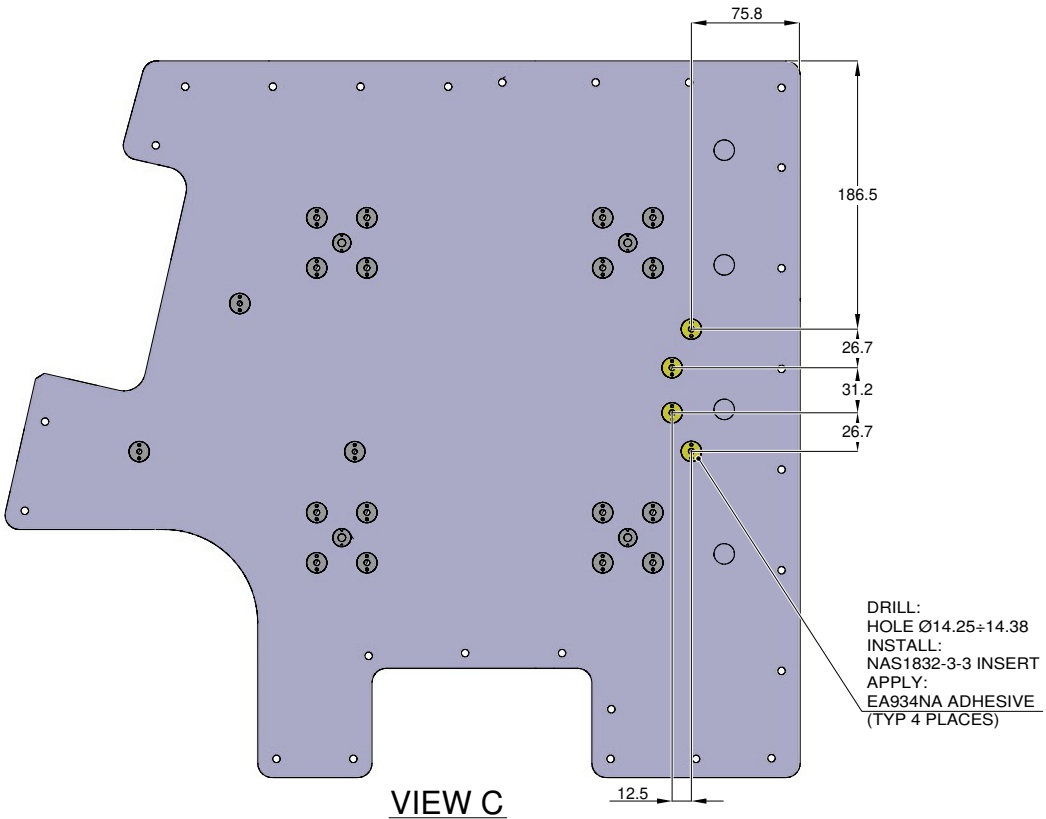
VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 88



VIEW B

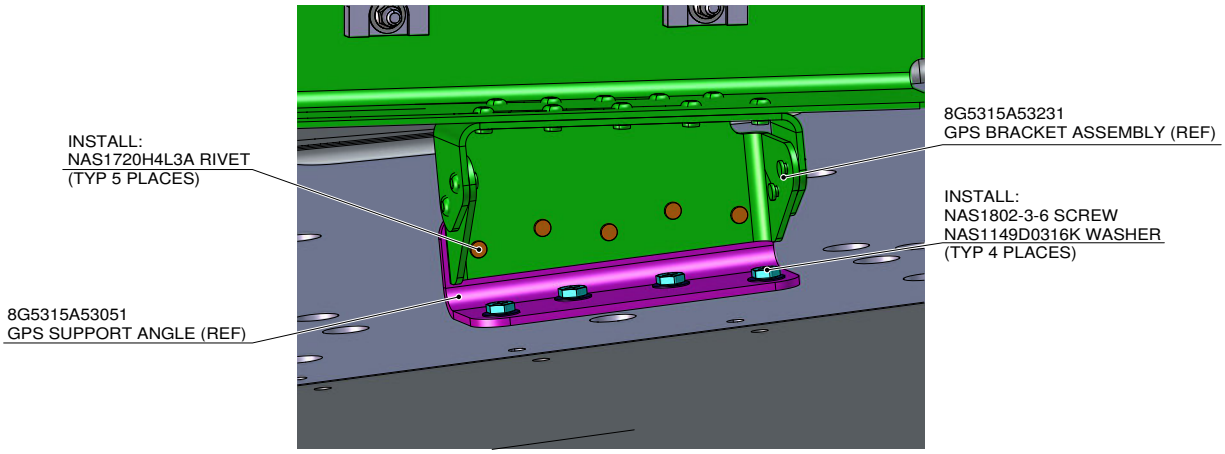
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



VIEW C

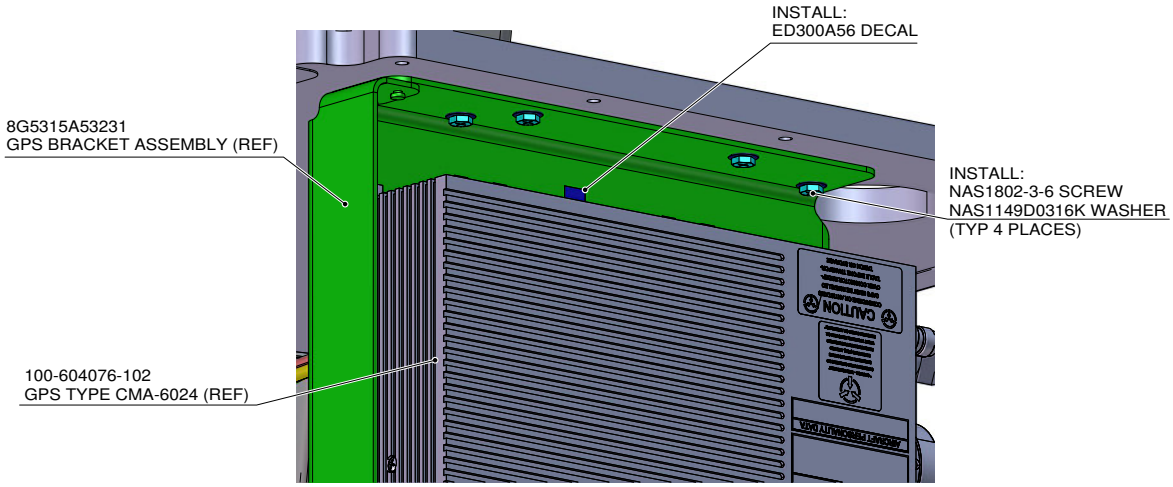
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 89



VIEW D

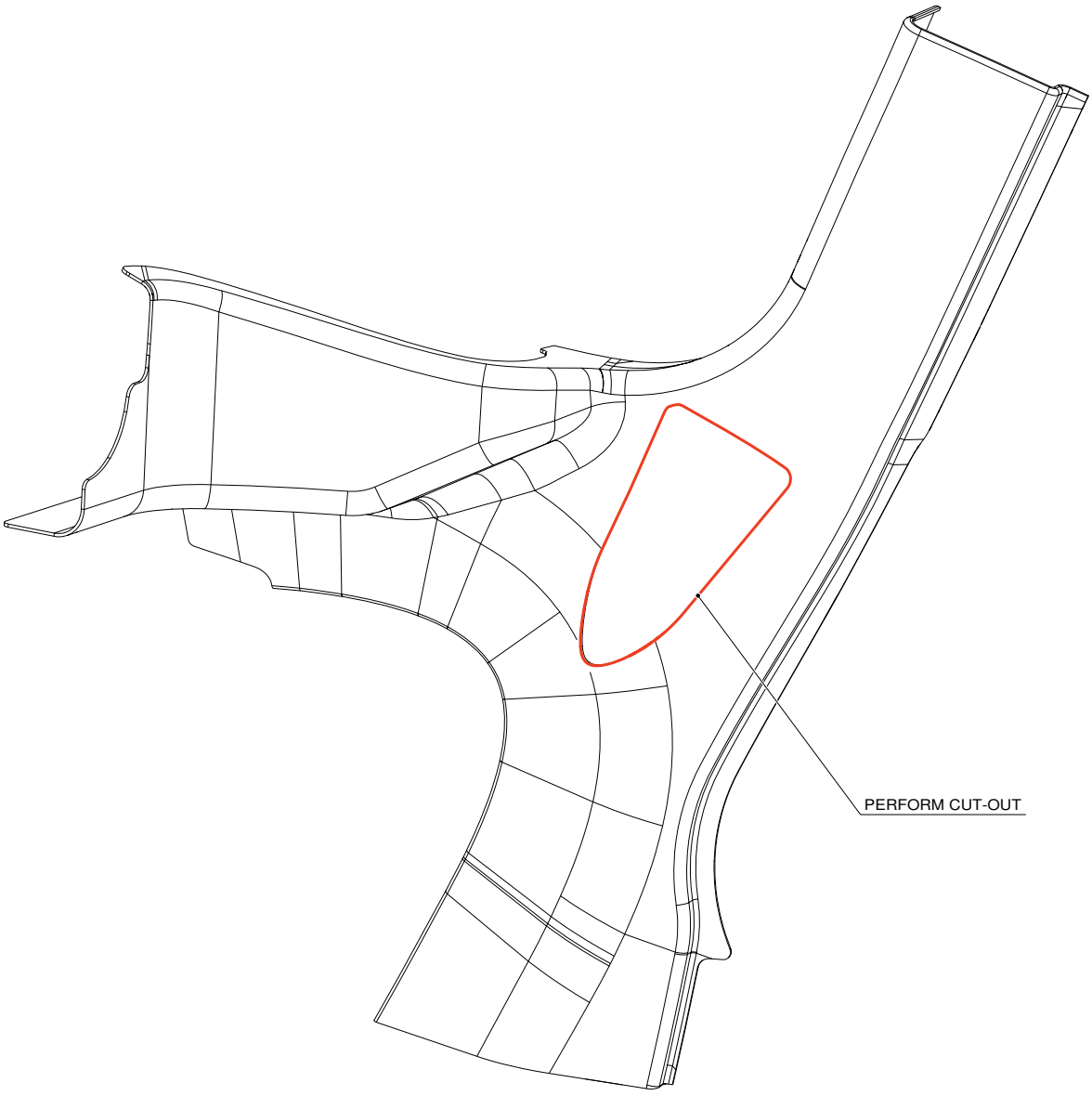
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE



VIEW E

STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

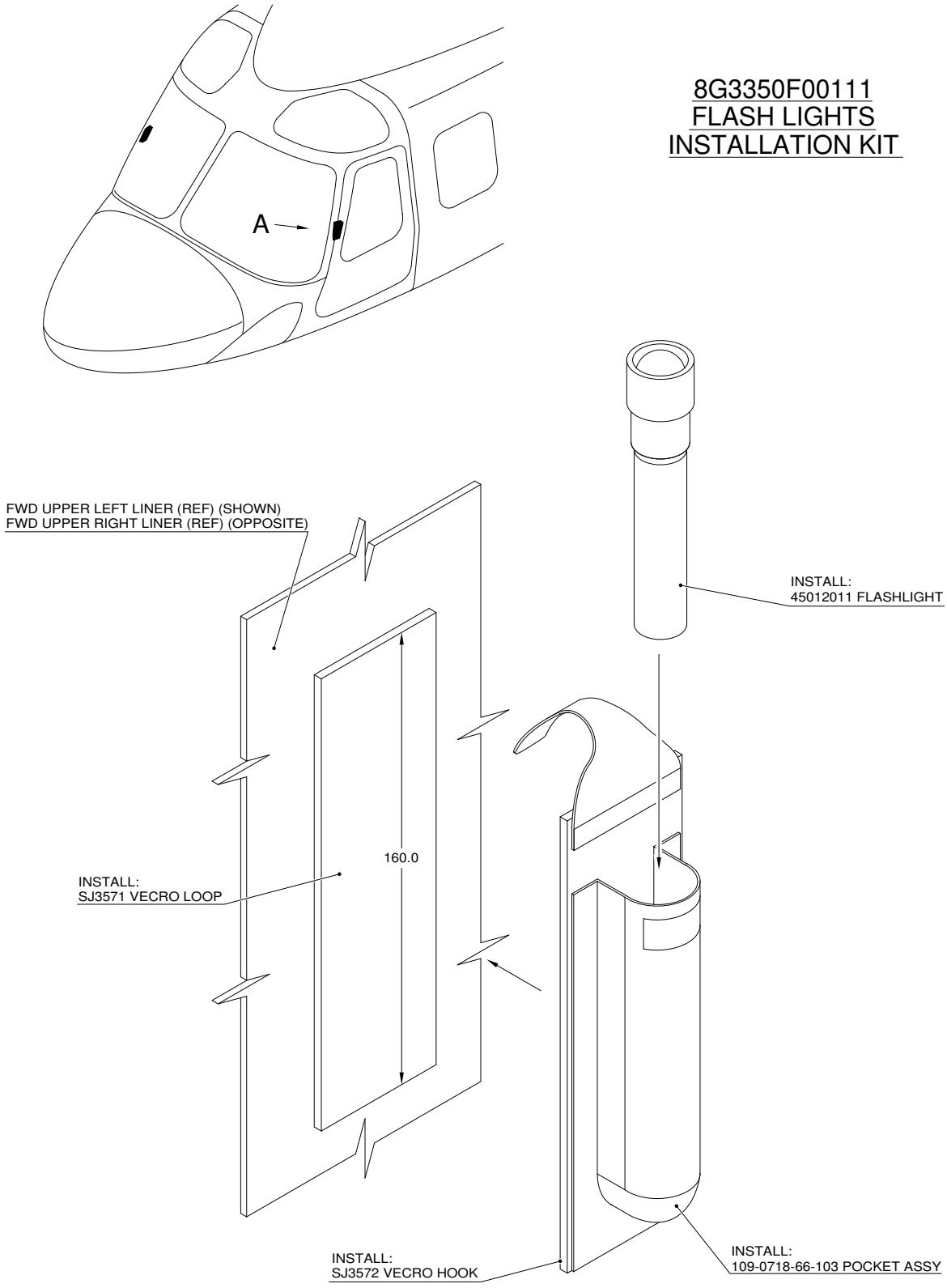
Figure 90



8G2580A00231 FWD LOWER LEFT LINER (SHOWN)
8G2580A00331 FWD LOWER RIGHT LINER (OPPOSITE)

Figure 91

8G3350F00111
FLASH LIGHTS
INSTALLATION KIT



VIEW A
(LH SIDE SHOWN, RH SIDE OPPOSITE)
STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE

Figure 92

8G2560F00811
KIT PILOTS LIFE JACKET

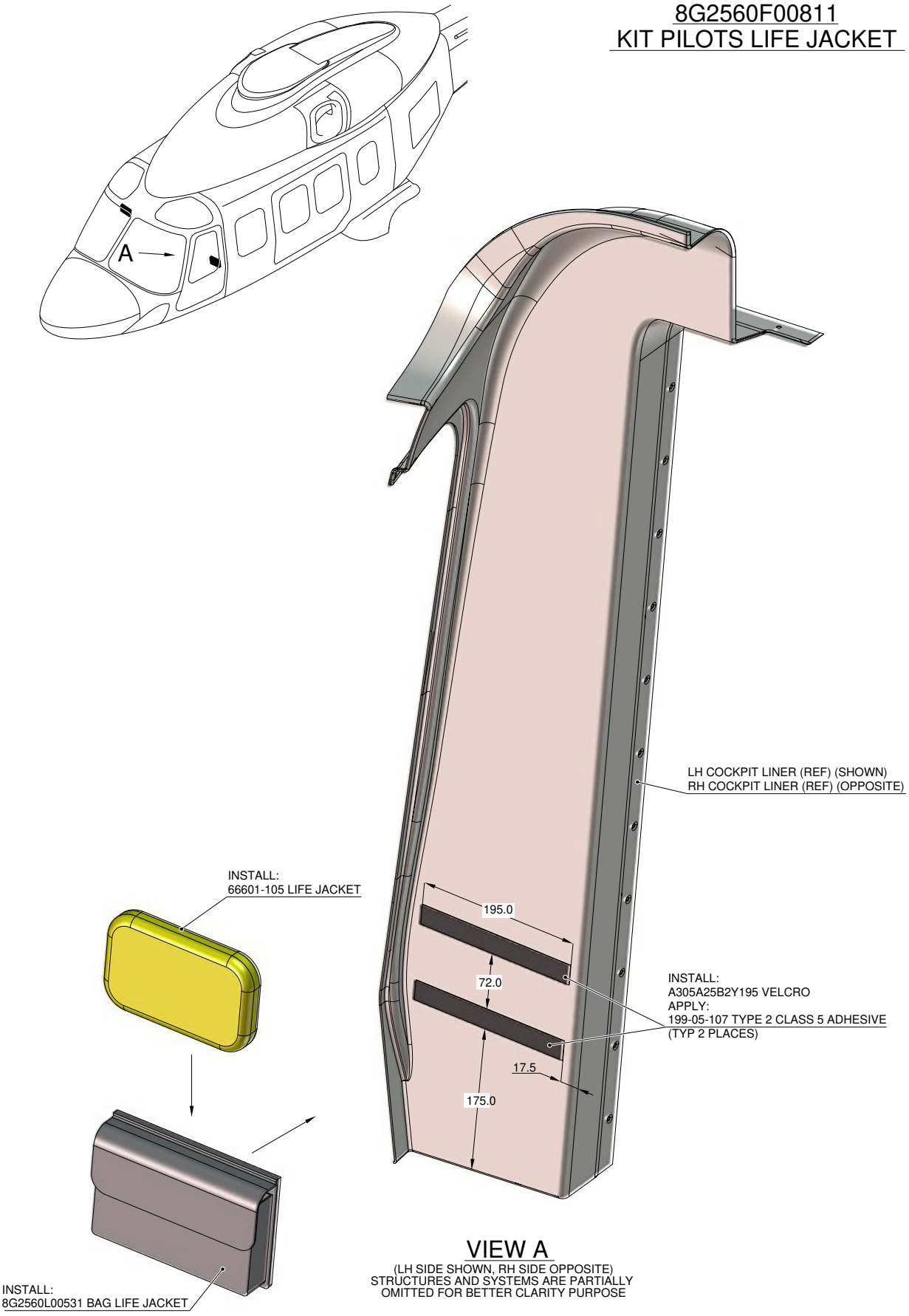


Figure 93

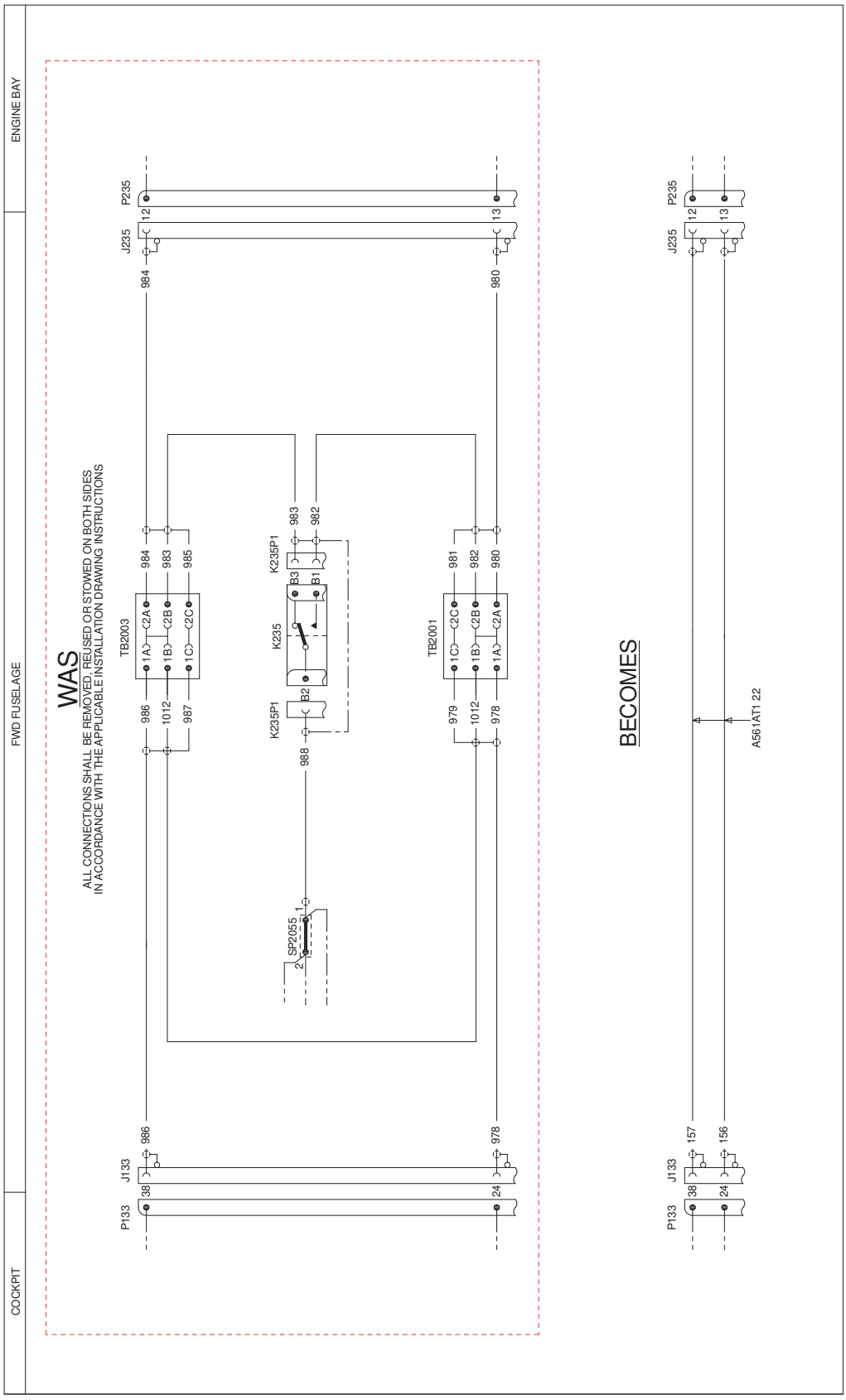
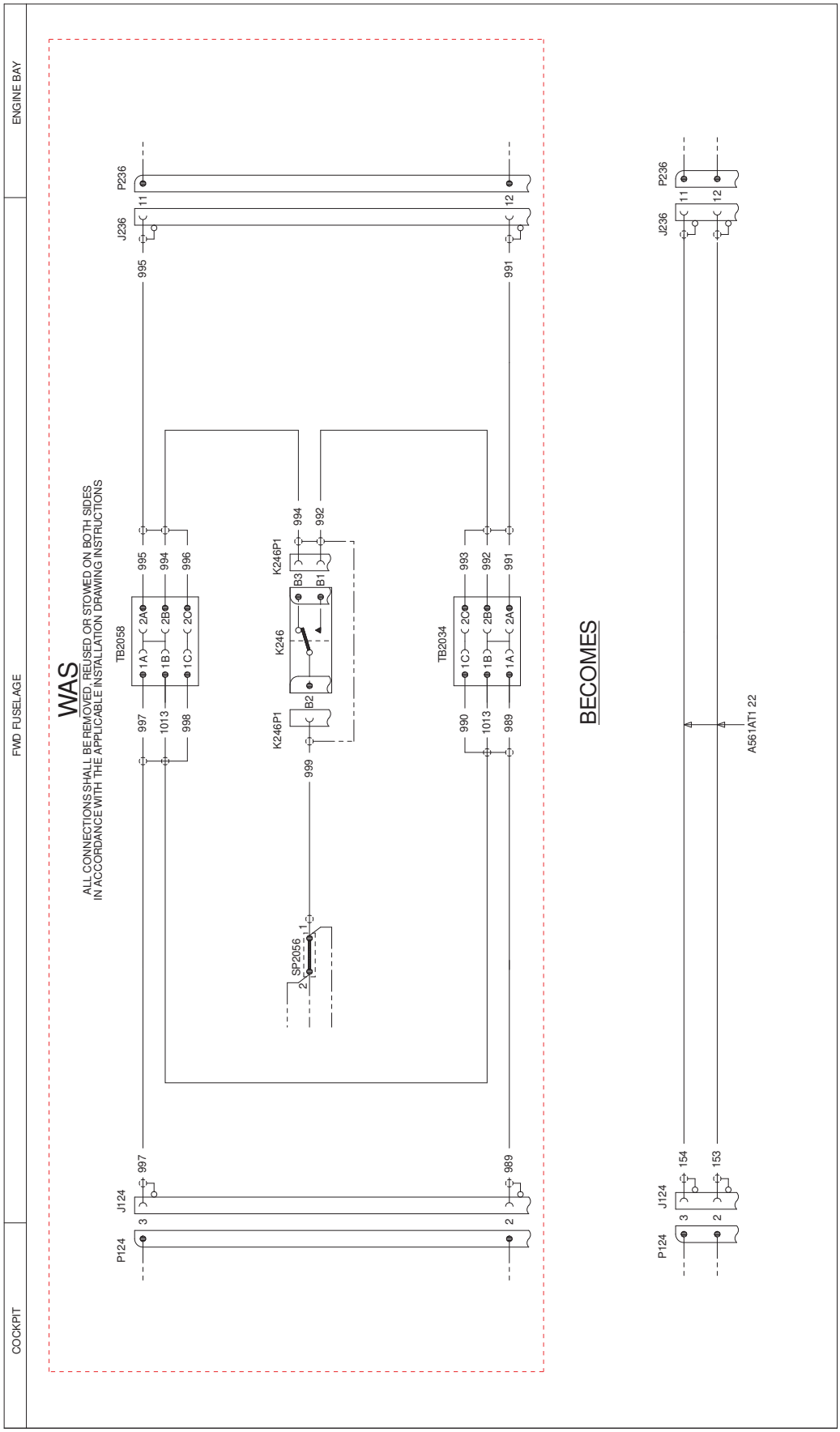

8G7160W00901
WIRING DIAGRAM ENGINE
IBF WITHOUT INTAKE VARIANT
SHEET 1
COCKPIT
FWD FUSELAGE
ENGINE BAY
WAS
ALL CONNECTIONS SHALL BE REMOVED, REUSED OR STOWED ON BOTH SIDES IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
BECOMES
P235
J235
P133
J133
TB2003
TB2001
K235
K235P1
SP2055
A561AT1 22
FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B2A265 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A561AT1 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 100 DESCRIPTION 7160 AND FOLLOWED BY WIRE SIZE AND EMC CODE

Figure 94



8G7160W00901
WIRING DIAGRAM ENGINE
IBF WITHOUT INTAKE VARIANT
SHEET 2

FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B2A243 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A561AT1 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 100 DESCRIPTION 7160 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 95

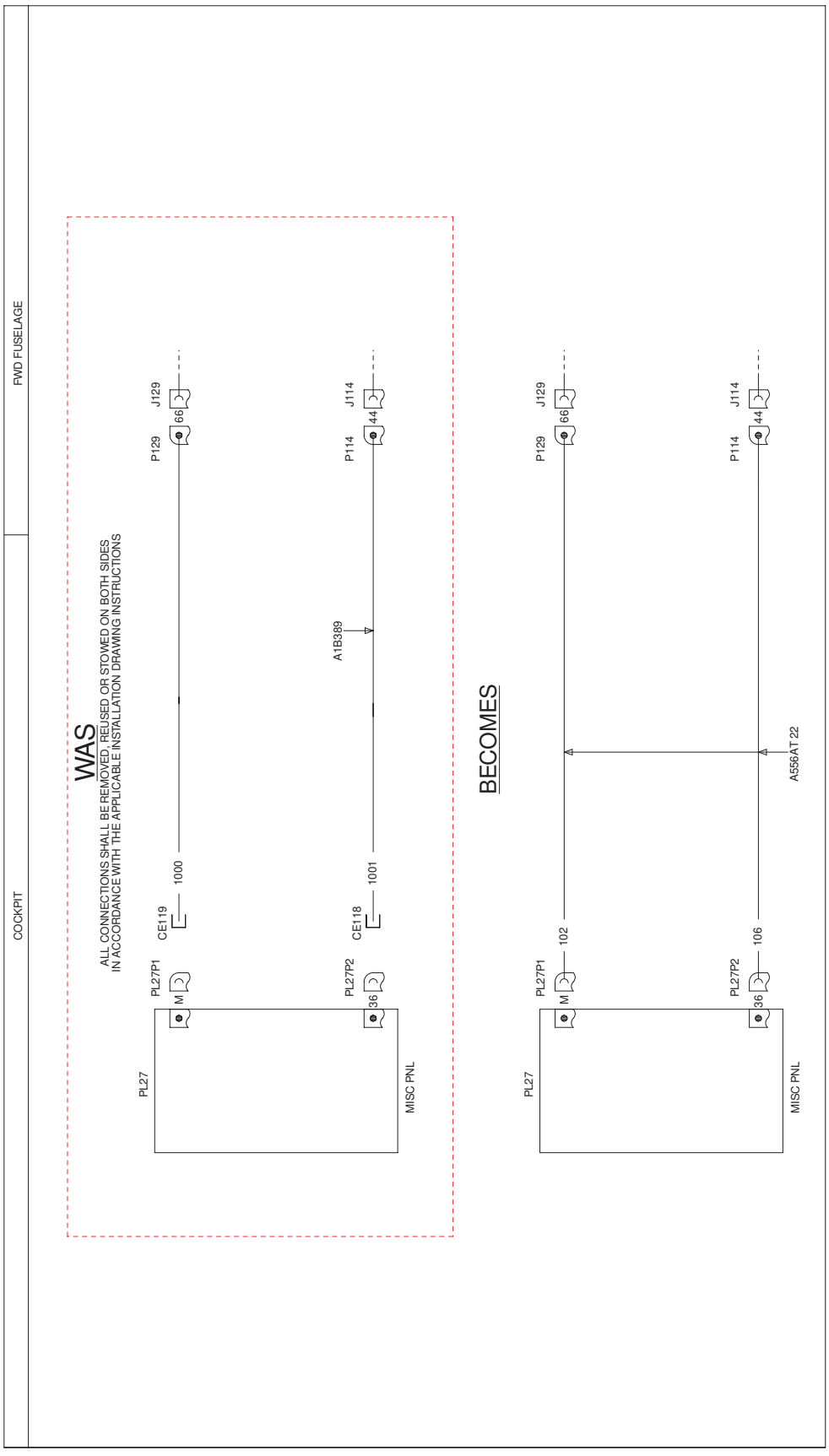
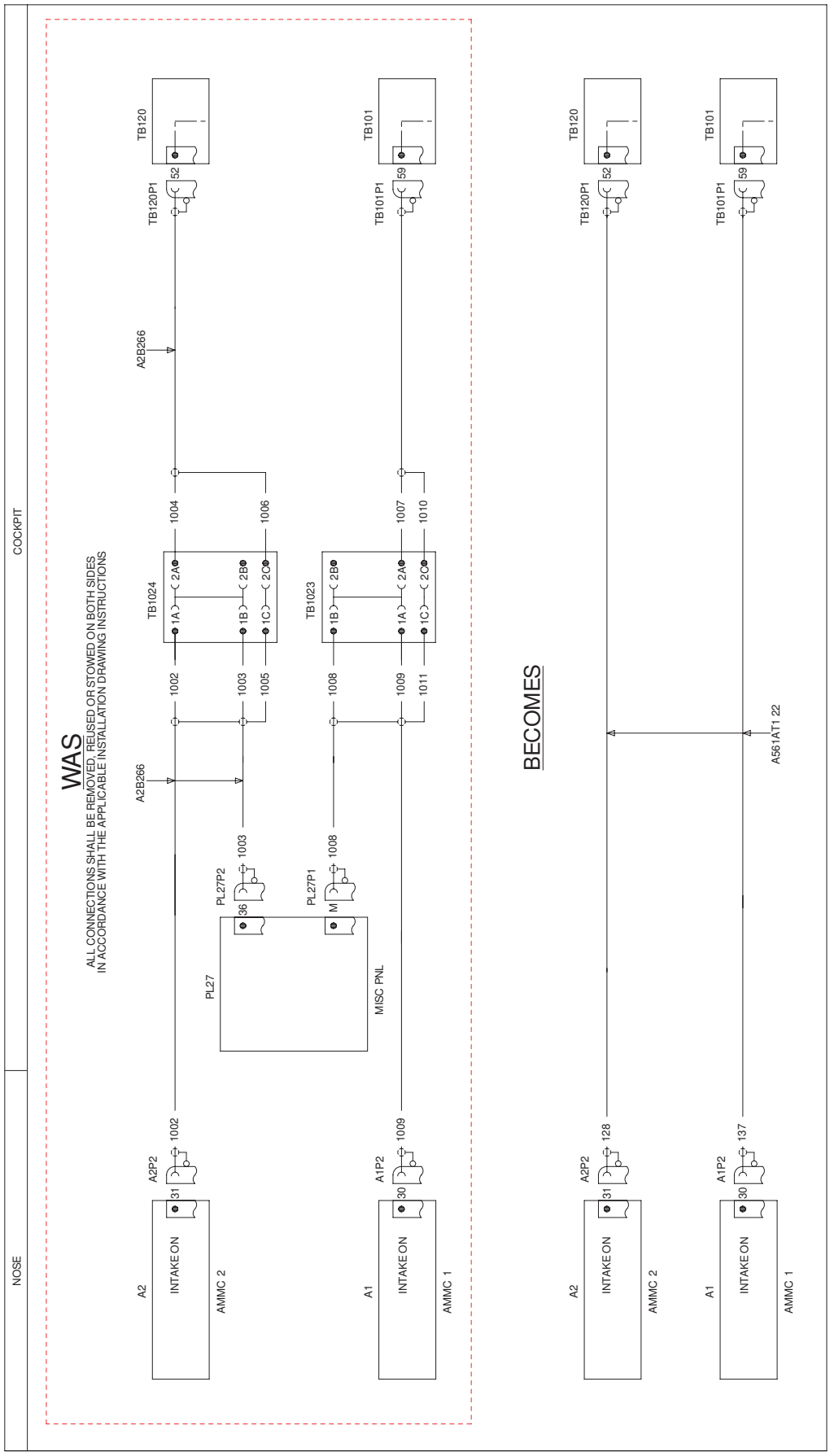

8G7160W00901
WIRING DIAGRAM ENGINE
IBF WITHOUT INTAKE VARIANT
SHEET 3
COCKPIT
FWD FUSELAGE
WAS
ALL CONNECTIONS SHALL BE REMOVED, REUSED OR STOWED ON BOTH SIDES IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWING INSTRUCTIONS
PL27
PL27P1
M
CE119
1000
P129
J129
66
PL27P2
36
CE118
1001
P114
J114
44
A1B389
MISC PNL
BECOMES
PL27
PL27P1
M
102
P129
J129
66
PL27P2
36
106
P114
J114
44
A556AT 22
MISC PNL
FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM A1A407 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A556AT1 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 100 DESCRIPTION 7160 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 96

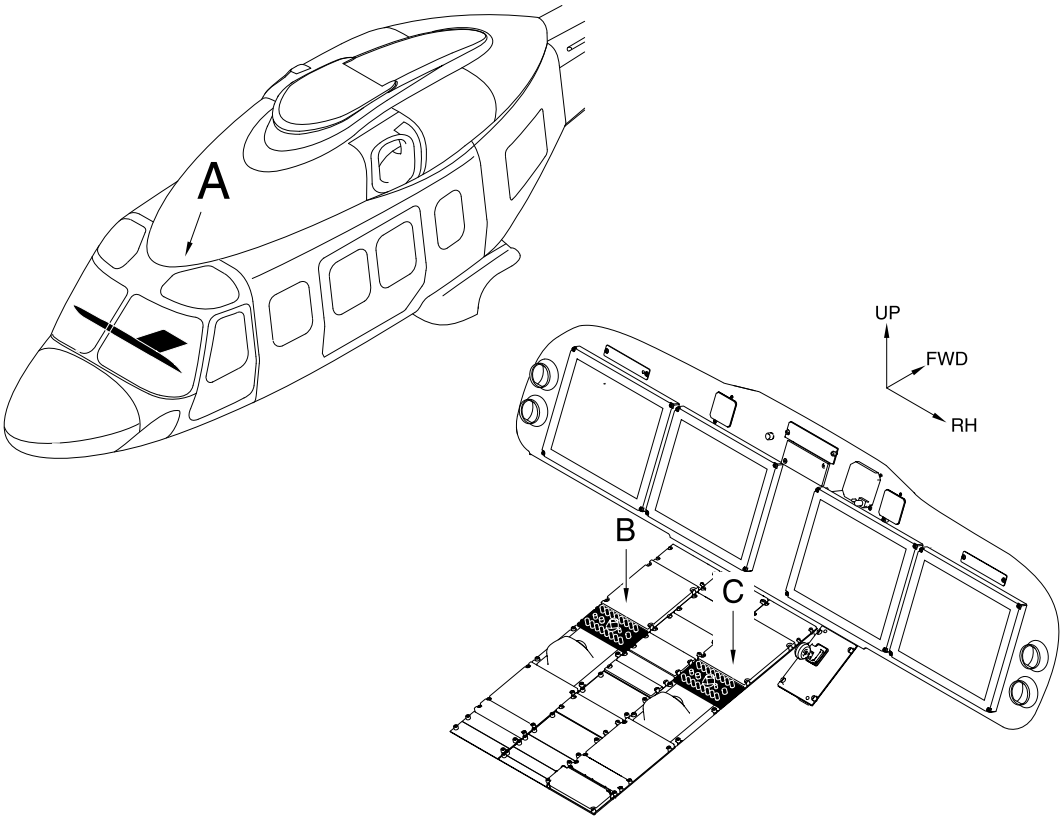


8G7160W00901
WIRING DIAGRAM ENGINE
IBF WITHOUT INTAKE VARIANT
SHEET 4

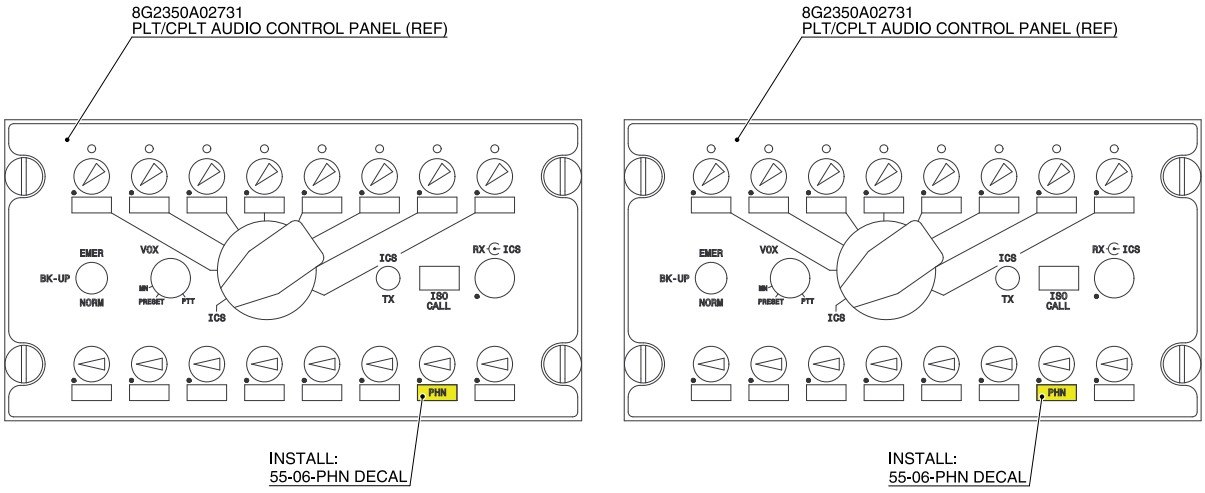
FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM A2A337 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A561AT1 22 UNLESS SPECIFIED
CABLE IDENT: EVERY WIRE NUMBER IS PRECEDED BY THE ATA 100 DESCRIPTION 7160 AND FOLLOWED BY WIRE SIZE AND EMC CODE.

Figure 97

8G2350P04611
RETROMOD SIDETONE 49023



VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



VIEW B
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

VIEW C
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 98

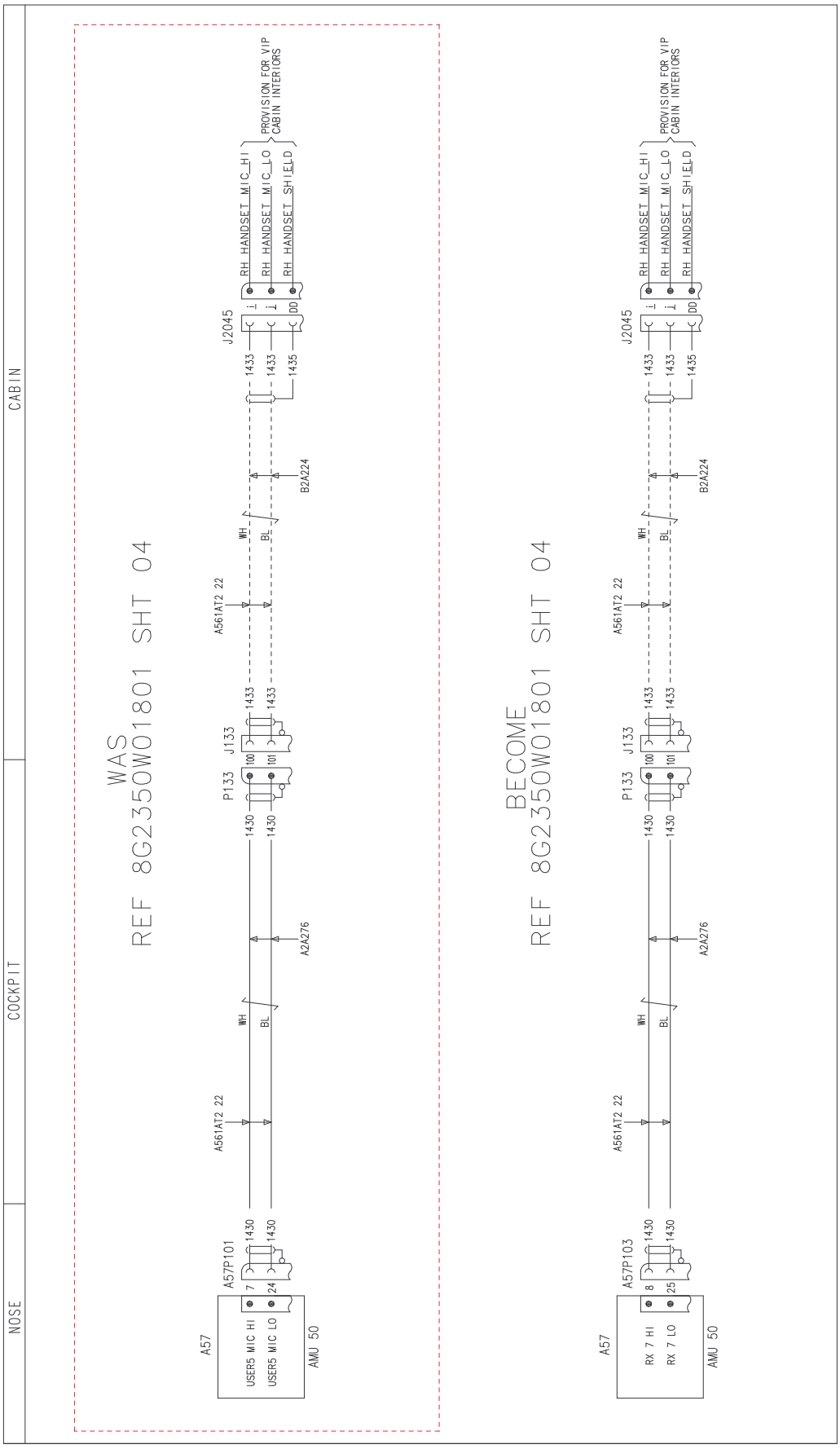

NOSE
COCKPIT
CABIN
WAS
REF 8G2350W01801 SHT 04
BECOME
REF 8G2350W01801 SHT 04
A57
A57P101
A57P103
USER5 MIC HI
USER5 MIC LO
RX 7 HI
RX 7 LO
AMU 50
A561AT2 22
P133
J133
J2045
A2A276
B2A224
RH HANDSET MIC HI
RH HANDSET MIC LO
RH HANDSET SHIELD
PROVISION FOR VIP CABIN INTERIORS
WH
BL
1430
1433
1435

Figure 99

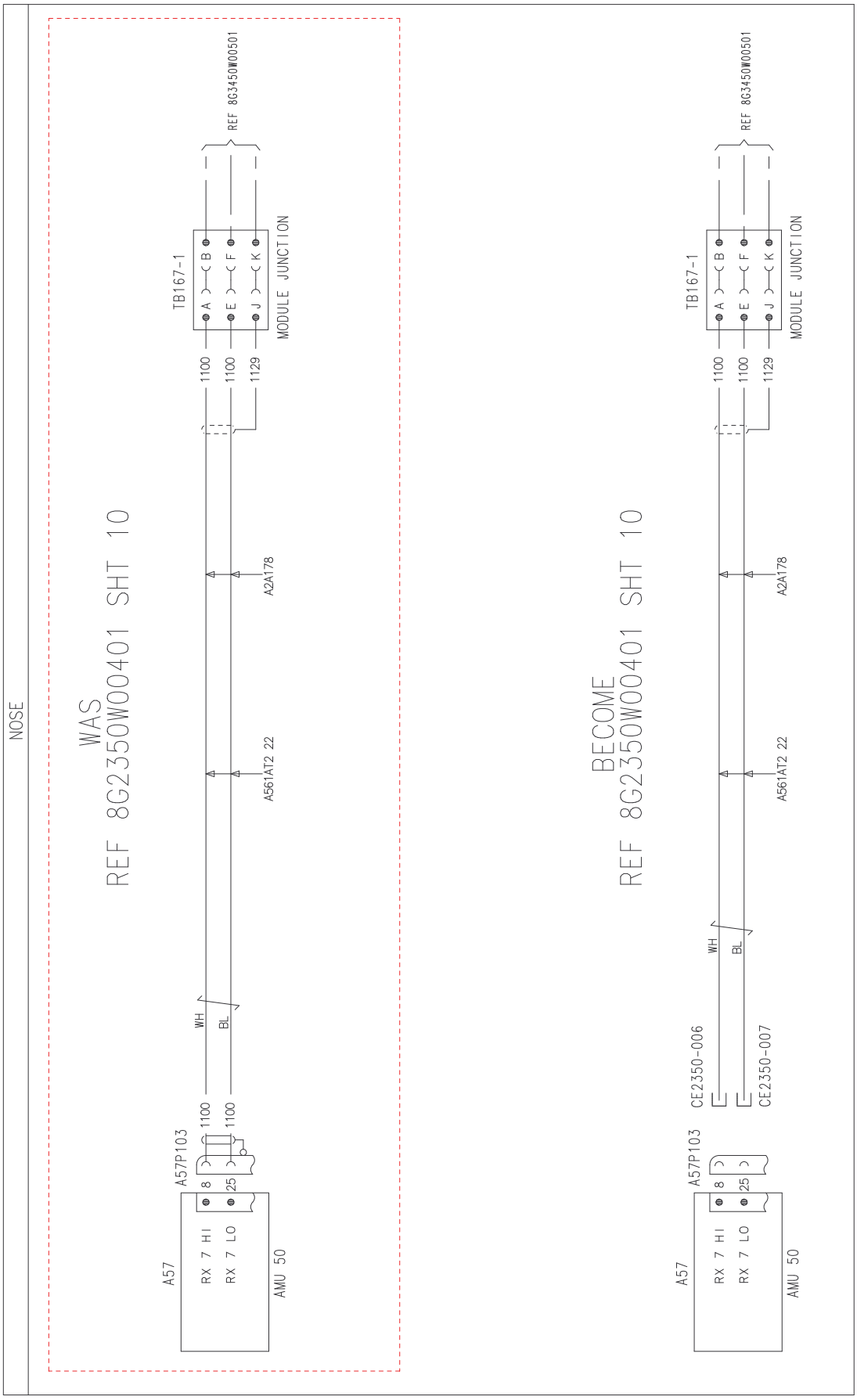

NOSE
WAS
REF 8G2350W00401 SHT 10
TB167-1
A B
E F
J K
REF 8G3450W00501
MODULE JUNCTION
1100
1100
1129
A2A178
A561AT2 22
WH
BL
A57P103
8
25
1100
1100
A57
RX 7 HI
RX 7 LO
AMU 50
BECOME
REF 8G2350W00401 SHT 10
TB167-1
A B
E F
J K
REF 8G3450W00501
MODULE JUNCTION
1100
1100
1129
A2A178
A561AT2 22
WH
BL
CE2350-006
CE2350-007
A57P103
8
25
A57
RX 7 HI
RX 7 LO
AMU 50

Figure 100

LEONARDO
HELICOPTERS

AgustaWestland Products

Please send to the following address: **LEONARDO S.p.A.** **CUSTOMER SUPPORT & SERVICES - ITALY** **PRODUCT SUPPORT ENGINEERING & LICENSES DEPT.** Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988	**SERVICE BULLETIN COMPLIANCE FORM**	Date:
	Number:	
	Revision:	

Customer Name and Address:	Telephone:
	Fax:
	B.T. Compliance Date:

Helicopter Model	S/N	Total Number	Total Hours	T.S.O.

Remarks:

Information:

We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.