Commercial Airplanes

737 Requirements Bulletin

ALERT

Number: **737-53A1401 RB**
Original Issue: April 27, 2021
ATA System: 5321 5232 5261

SUBJECT: FUSELAGE - Passenger Cabin Floors - Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

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Table of Contents

1. EFFECTIVITY . . . 5
A. Airplanes . . . 5
B. Spares Affected . . . 6
2. CONCURRENT REQUIREMENTS . . . 6
3. COMPLIANCE . . . 6
4. APPROVAL . . . 20
5. ACCOMPLISHMENT INSTRUCTIONS . . . 21
A. General Information . . . 21
B. Work Instructions . . . 23
FIGURE 4: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSPECTION . . . 40
FIGURE 5: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSTALLATION . . . 42
FIGURE 6: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSPECTION . . . 47
FIGURE 7: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSPECTION . . . 49
FIGURE 8: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSTALLATION . . . 51
FIGURE 9: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT REPLACEMENT . . . 53
FIGURE 10: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSPECTION . . . 55
FIGURE 11: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSPECTION . . . 57
FIGURE 12: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSTALLATION . . . 59
FIGURE 13: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT REPLACEMENT . . . 61
FIGURE 14: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - INSPECTION . . . 63
FIGURE 15: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - INSPECTION . . . 65
FIGURE 16: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - SEALANT INSTALLATION . . . 67
FIGURE 17: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - SEALANT REPLACEMENT . . . 69
FIGURE 19: MAIN DECK CARGO COMPARTMENT FLOOR - RIGID CARGO BARRIER AND ADJACENT FLOOR STRUCTURE - SEALANT INSTALLATION . . . 71
FIGURE 20: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANELS AND MOISTURE BARRIER TAPE INSTALLATION . . . 75
FIGURE 33: MAIN DECK CARGO COMPARTMENT DOOR - WEATHER SEAL - INSTALLATION . . . 80
FIGURE 34: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION [Group 2] . . . 86
FIGURE 35: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION [Group 2] . . . 90
FIGURE 36: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSTALLATION [Group 2] . . . 94
FIGURE 37: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT REPLACEMENT [Group 2] . . . 98

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FIGURE 38: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION [Group 2, Configuration 1] 102
FIGURE 39: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION [Group 2, Configuration 2] 105

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ALERT

Number: **737-53A1401 RB**
Original Issue: April 27, 2021
ATA System: 5321 5232 5261

SUBJECT: FUSELAGE - Passenger Cabin Floors - Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

THIS DOCUMENT IS SENT TO THE OPERATORS OF RECORD OF THE AIRPLANES SHOWN IN PARAGRAPH 1.A., EFFECTIVITY. IF AN AIRPLANE HAS BEEN LEASED OR SOLD, SEND THIS DOCUMENT TO THE NEW OPERATOR. IF APPLICABLE SPARES HAVE BEEN SOLD, SEND THIS DOCUMENT TO THE NEW OWNER. THIS IS AN ENHANCED REQUIRED FOR COMPLIANCE DOCUMENT. THE BOEING PROCESSES USED TO CREATE THE SERVICE BULLETIN (SB) AND THE REQUIREMENTS BULLETIN (RB) ENSURE THAT THE INFORMATION BETWEEN "RC START" AND "RC END" IN THE SB ARE IDENTICAL TO THE INFORMATION IN THE SAME SECTIONS (COMPLIANCE, WORK INSTRUCTIONS…) OF THE RB WHICH THE SB REFERS TO AS THE RELATED DOCUMENT.

1. Effectivity

A. Airplanes
This bulletin is applicable to 737-800 Airplane(s), line number(s) 607, 610, 731, 998, 1002, 1024, 1059, 1110, 1135, 1138, 1163, 1170, 1181, 1184, 1201, 1207, 1212, 1234, 1251, 1444, 1608 in 2 Group(s).

The Variable Numbers and Group Information for the applicable airplanes is given below.

GROUP	CONFIGURATION	DESCRIPTION
1	-	737-800 Boeing Converted Freighter (BCF) airplanes without airstairs that were modified through Boeing Service Bulletin (SB) 737-00-1025.
2	-	737-800 BCF airplanes with airstairs that were modified through Boeing SB 737-00-1023 or SB 737-00-1025.
	1	737-800 BCF airplanes that have not accomplished SB 737-25-1660.
	2	737-800 BCF airplanes that have accomplished SB 737-25-1660.

Airplane Models:

737-800

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Variable Number	Group
YC921 - YC922	2
YC972 - YC973	2
YC977	2
YD101	1
YD311 - YD313	1

Variable Number	Group
YD316	1
YD320	1
YD322	1
YD324 - YD326	1
YD328 - YD330	1

Variable Number	Group
YD334	1
YJ001	2
YJ011	2
-	-
-	-

B. Spares Affected
None.

2. CONCURRENT REQUIREMENTS

None.

3. COMPLIANCE

The Federal Aviation Administration (FAA) will possibly release an Airworthiness Directive related to Requirements Bulletin 737-53A1401 RB. The Airworthiness Directive will make the compliance tasks and times given in Requirements Bulletin 737-53A1401 RB mandatory.

Accomplish the required actions, based on the applicable conditions in Tables 1, 2, and 3, in accordance with Accomplishment Instructions.

When more than one OPTION is given for a CONDITION, do only one of the OPTION numbers. When more than one ACTION is given for a CONDITION or an OPTION, do all of the ACTION numbers for that CONDITION or OPTION.

Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
All Airplanes	On the main deck cargo compartment floor, adjacent to the Rigid Cargo Barrier (RCB), do a detailed inspection of the drain troughs for any surface dents or scratches.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 1: ANY SURFACE DENTS GREATER THAN 0.10 INCHES IN DEPTH OR SCRATCHES GREATER THAN 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Contact The Boeing Company for repair instructions and do the repair.	Before further flight.	-

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 2: NO SURFACE DENTS, AND NO SCRATCHES FOUND, OR ANY SURFACE DENTS LESS THAN OR EQUAL TO 0.10 INCHES IN DEPTH AND SCRATCHES LESS THAN OR EQUAL TO 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Install drain troughs and apply sealant.	Before further flight.	-
All Airplanes	Do a detailed inspection of the drain trough at Left Buttock Line (LBL) 58.89 for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 3: NO SEALANT FOUND ON THE DRAIN TROUGH	Apply sealant to the drain trough.	Before further flight.	-
CONDITION 4: SEALANT FOUND ON THE DRAIN TROUGH	Do a detailed inspection of the sealant at the drain trough at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 4.1: SEALANT ON THE DRAIN TROUGH FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 4.1 (ACTION 1): Remove all sealant from the drain trough.	Before further flight.	-
	CONDITION 4.1 (ACTION 2): Apply sealant to the drain trough.	Before further flight.	-
CONDITION 4.2: SEALANT ON THE DRAIN TROUGH FOUND SMOOTH AND CONTINUOUS, NOT FLAKING AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the drain seal at LBL 58.89 for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 5: NO SEALANT FOUND ON THE DRAIN SEAL	Apply sealant to the drain seal.	Before further flight.	-
CONDITION 6: SEALANT FOUND ON THE DRAIN SEAL	Do a detailed inspection of the sealant at the drain seal at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 6.1: SEALANT ON THE DRAIN SEAL FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 6.1 (ACTION 1): Remove all sealant from the drain seal.	Before further flight.	-
	CONDITION 6.1 (ACTION 2): Apply sealant to the drain seal.	Before further flight.	-
CONDITION 6.2: SEALANT ON THE DRAIN SEAL FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the main deck cargo compartment floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 7: NO SEALANT FOUND ON THE FLOOR PANEL JOINTS	Apply sealant to the floor panel joints.	Before further flight.	-
CONDITION 8: SEALANT FOUND ON ANY FLOOR PANEL JOINT	Do a detailed inspection of the sealant at the floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 8.1: SEALANT ON THE FLOOR PANEL JOINT FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 8.1 (ACTION 1): Remove all sealant from the floor panel joints.	Before further flight.	-
	CONDITION 8.1 (ACTION 2): Apply sealant to the floor panel joints.	Before further flight.	-

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 8.2: SEALANT ON THE FLOOR PANEL JOINT FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Between the RCB and the adjacent floor structure, apply sealant into any gaps and mouse holes, until flush with aft face of the RCB.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Between the RCB and STA 380, apply sealant on the floor panel joints, install moisture barrier tape on the floor panels and install waterseal tape between the RCB and adjacent floor structure.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Install new Main Deck Cargo Door (MDCD) weather seal.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Do the Floor Water Leak Test. (a)	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 9: MORE THAN 4 OUNCES OF WATER COLLECTS IN ANY ELECTRICAL AND ELECTRONICS (EE) COMPARTMENT DRIP SHIELD	Do a detailed inspection of sealant at all locations specified in this Requirements Bulletin for missing, peeling, or flaking sealant.	Before further flight.	-
CONDITION 9.1: MISSING, PEELING, OR FLAKING SEALANT FOUND	CONDITION 9.1 (ACTION 1): Reapply sealant at affected location(s).	Before further flight.	-
	CONDITION 9.1 (ACTION 2): Repeat the Floor Water Leak Test until no more than 4 ounces of water collects on any drip shield. (a)(b)	Before further flight.	-

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 10: REPEATED ATTEMPTS DOES NOT RESULT IN 4 OR LESS OUNCES OF WATER FROM COLLECTING ON ANY EE COMPARTMENT DRIP SHIELD	Contact The Boeing Company for repair instructions and do the repair.	Before further flight.	-
(a) The Floor Water Leak Test is defined as: Make sure the airplane is parked on level surface or up to 5 degrees nose-down attitude. On the forward main deck cargo compartment floor, from STA 460, LBL 25 seat track, empty 3 gallons minimum of potable water in the forward direction between BL 0 to LBL 55. Empty an additional 3 gallons minimum of potable water in the forward direction between BL 0 and RBL 55. Wait a minimum of five minutes. Four ounces or less of water in any Electrical and Electronics (EE) compartment drip shield is acceptable.			
(b) Repeat the test no more than 6 times.			

Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
All Airplanes	On the main cargo compartment floor, adjacent to the Rigid Cargo Barrier (RCB), do a detailed inspection of the drain troughs for any surface dents or scratches.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 1: ANY SURFACE DENTS GREATER THAN 0.10 INCHES IN DEPTH OR SCRATCHES GREATER THAN 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Contact The Boeing Company for repair instructions and do the repair.	Before further flight.	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 2: NO SURFACE DENTS, AND NO SCRATCHES FOUND, OR ANY SURFACE DENTS LESS THAN OR EQUAL TO 0.10 INCHES IN DEPTH AND SCRATCHES LESS THAN OR EQUAL TO 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Install drain troughs and apply sealant.	Before further flight.	-
All Airplanes	Do a detailed inspection of the drain trough at Left Buttock Line (LBL) 58.89 for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 3: NO SEALANT FOUND ON THE DRAIN TROUGH	Apply sealant to the drain trough.	Before further flight.	-
CONDITION 4: SEALANT FOUND ON THE DRAIN TROUGH	Do a detailed inspection of the sealant at the drain trough at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 4.1: SEALANT ON THE DRAIN TROUGH FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 4.1 (ACTION 1): Remove all sealant from the drain trough.	Before further flight.	-
	CONDITION 4.1 (ACTION 2): Apply sealant to the drain trough.	Before further flight.	-
CONDITION 4.2: SEALANT ON THE DRAIN TROUGH FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
All Airplanes	Do a detailed inspection of the drain seal at LBL 58.89 for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 5: NO SEALANT FOUND ON THE DRAIN SEAL	Apply sealant to the drain seal.	Before further flight.	-
CONDITION 6: SEALANT FOUND ON THE DRAIN SEAL	Do a detailed inspection of the sealant at the drain seal at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 6.1: SEALANT ON THE DRAIN SEAL FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 6.1 (ACTION 1): Remove all sealant from the drain seal.	Before further flight.	-
	CONDITION 6.1 (ACTION 2): Apply sealant to the drain seal.	Before further flight.	-
CONDITION 6.2: SEALANT ON THE DRAIN SEAL FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the main deck cargo compartment floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 7: NO SEALANT FOUND ON THE FLOOR PANEL JOINTS	Apply sealant to the floor panel joints.	Before further flight.	-
CONDITION 8: SEALANT FOUND ON ANY FLOOR PANEL JOINT	Do a detailed inspection of the sealant at the floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 8.1: SEALANT ON THE FLOOR PANEL JOINT FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 8.1 (ACTION 1): Remove all sealant from the floor panel joints.	Before further flight.	
	CONDITION 8.1 (ACTION 2): Apply sealant to the floor panel joints.	Before further flight.	
CONDITION 8.2: SEALANT ON THE FLOOR PANEL JOINT FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Between the RCB and the adjacent floor structure, apply sealant into any gaps and mouse holes, until flush with aft face of the RCB.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Between the RCB and STA 380, apply sealant on the floor panel joints, install moisture barrier tape on the floor panels, and install waterseal tape between the RCB and adjacent floor structure.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Install new Main Deck Cargo Door (MDCD) weather seal.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Do a detailed inspection of the E5 Rack drain pan shroud for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 9: NO SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Apply sealant to the E5 Rack drain pan shroud.	Before further flight.	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 10: SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Do a detailed inspection of the sealant at the E5 Rack drain pan shroud for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 10.1: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 10.1 (ACTION 1): Remove all sealant from the E5 Rack drain pan shroud.	Before further flight.	-
	CONDITION 10.1 (ACTION 2): Apply sealant to the E5 Rack drain pan shroud.	Before further flight.	-
CONDITION 10.2: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Apply sealant between the E5 Rack drain pan shroud rail assembly and support rail assembly, and apply sealant to fasteners and nutplates.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Do the Floor Water Leak Test. (a)	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 11: MORE THAN 4 OUNCES OF WATER COLLECTS IN ANY ELECTRICAL AND ELECTRONICS (EE) COMPARTMENT DRIP SHIELD	Do a detailed inspection of sealant at all locations specified in this Requirements Bulletin for missing, peeling, or flaking sealant.	Before further flight.	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 11.1: MISSING, PEELING, OR FLAKING SEALANT FOUND	CONDITION 11.1 (ACTION 1): Reapply sealant at affected location(s).	Before further flight.	-
	CONDITION 11.1 (ACTION 2): Repeat the Floor Water Leak Test until no more than 4 ounces of water collects on any drip shield. (a)(b)	Before further flight.	-
CONDITION 12: REPEATED ATTEMPTS DOES NOT RESULT IN 4 OR LESS OUNCES OF WATER FROM COLLECTING ON ANY EE COMPARTMENT DRIP SHIELD	Contact The Boeing Company for repair instructions and do the repair.	Before further flight.	-
(a) The Floor Water Leak Test is defined as: Make sure the airplane is parked on level surface or up to 5 degrees nose-down attitude. On the forward main deck cargo compartment floor, from STA 460, LBL 25 seat track, empty 3 gallons minimum of potable water in the forward direction between BL 0 to LBL 55. Empty an additional 3 gallons minimum of potable water in the forward direction between BL 0 and RBL 55. Wait a minimum of five minutes. Four ounces or less of water in any Electrical and Electronics (EE) compartment drip shield is acceptable.			
(b) Repeat the test no more than 6 times.			

Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
All Airplanes	On the main cargo compartment floor, adjacent to the Rigid Cargo Barrier (RCB), do a detailed inspection of the drain troughs for any surface dents or scratches.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 1: ANY SURFACE DENTS GREATER THAN 0.10 INCHES IN DEPTH OR SCRATCHES GREATER THAN 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Contact The Boeing Company for repair instructions and do the repair.	Before further flight.	-
CONDITION 2: NO SURFACE DENTS, AND NO SCRATCHES FOUND, OR ANY SURFACE DENTS LESS THAN OR EQUAL TO 0.10 INCHES IN DEPTH AND SCRATCHES LESS THAN OR EQUAL TO 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Install drain troughs and apply sealant.	Before further flight.	-
All Airplanes	Do a detailed inspection of the drain trough at Left Buttock Line (LBL) 58.89 for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 3: NO SEALANT FOUND ON THE DRAIN TROUGH	Apply sealant to the drain trough.	Before further flight.	-
CONDITION 4: SEALANT FOUND ON THE DRAIN TROUGH	Do a detailed inspection of the sealant at the drain trough at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 4.1: SEALANT ON THE DRAIN TROUGH FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 4.1 (ACTION 1): Remove all sealant from the drain trough.	Before further flight.	-
	CONDITION 4.1 (ACTION 2): Apply sealant to the drain trough.	Before further flight.	-

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Group 2, Configuration 2:

Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 4.2: SEALANT ON THE DRAIN TROUGH FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the drain seal at LBL 58.89 for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 5: NO SEALANT FOUND ON THE DRAIN SEAL	Apply sealant to the drain seal.	Before further flight.	-
CONDITION 6: SEALANT FOUND ON THE DRAIN SEAL	Do a detailed inspection of the sealant at the drain seal at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 6.1: SEALANT ON THE DRAIN SEAL FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 6.1 (ACTION 1): Remove all sealant from the drain seal.	Before further flight.	-
	CONDITION 6.1 (ACTION 2): Apply sealant to the drain seal.	Before further flight.	-
CONDITION 6.2: SEALANT ON THE DRAIN SEAL FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the main deck cargo compartment floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 7: NO SEALANT FOUND ON THE FLOOR PANEL JOINTS	Apply sealant to the floor panel joints.	Before further flight.	-

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Group 2, Configuration 2:

Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 8: SEALANT FOUND ON ANY FLOOR PANEL JOINT	Do a detailed inspection of the sealant at the floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 8.1: SEALANT ON THE FLOOR PANEL JOINT FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 8.1 (ACTION 1): Remove all sealant from the floor panel joints.	Before further flight.	
	CONDITION 8.1 (ACTION 2): Apply sealant to the floor panel joints.	Before further flight.	
CONDITION 8.2: SEALANT ON THE FLOOR PANEL JOINT FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Between the RCB and the adjacent floor structure, apply sealant into any gaps and mouse holes, until flush with aft face of the RCB.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Between the RCB and STA 380, apply sealant on the floor panel joints, install moisture barrier tape on the floor panels, and install waterseal tape between the RCB and adjacent floor structure.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Install new Main Deck Cargo Door (MDCD) weather seal.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Do a detailed inspection of the E5 Rack drain pan shroud for missing sealant.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-

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Group 2, Configuration 2:

Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 9: NO SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Apply sealant to the E5 Rack drain pan shroud.	Before further flight.	-
CONDITION 10: SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Do a detailed inspection of the sealant at the E5 Rack drain pan shroud for smooth continuous sealant application, flaking, and peeling.	Before further flight.	-
CONDITION 10.1: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 10.1 (ACTION 1): Remove all sealant from the E5 Rack drain pan shroud.	Before further flight.	-
	CONDITION 10.1 (ACTION 2): Apply sealant to the E5 Rack drain pan shroud.	Before further flight.	-
CONDITION 10.2: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Apply sealant between the E5 Rack drain pan shroud rail assembly and support rail assembly, and apply sealant to fasteners and nutplates.	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
	Do the Floor Water Leak Test. (a)	Within 12 months after the Original Issue date of Requirements Bulletin 737-53A1401 RB.	-
CONDITION 11: MORE THAN 4 OUNCES OF WATER COLLECTS IN ANY ELECTRICAL AND ELECTRONICS (EE) COMPARTMENT DRIP SHIELD	Do a detailed inspection of sealant at all locations specified in this Requirements Bulletin for missing, peeling, or flaking sealant.	Before further flight.	-

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 11.1: MISSING, PEELING, OR FLAKING SEALANT FOUND	CONDITION 11.1 (ACTION 1): Reapply sealant at affected location(s).	Before further flight.	-
	CONDITION 11.1 (ACTION 2): Repeat the Floor Water Leak Test until no more than 4 ounces of water collects on any drip shield. (a)(b)	Before further flight.	-
CONDITION 12: REPEATED ATTEMPTS DOES NOT RESULT IN 4 OR LESS OUNCES OF WATER FROM COLLECTING ON ANY EE COMPARTMENT DRIP SHIELD	Contact The Boeing Company for repair instructions and do the repair.	Before further flight.	-
(a) The Floor Water Leak Test is defined as: Make sure the airplane is parked on level surface or up to 5 degrees nose-down attitude. On the forward main deck cargo compartment floor, from STA 460, LBL 25 seat track, empty 3 gallons minimum of potable water in the forward direction between BL 0 to LBL 55. Empty an additional 3 gallons minimum of potable water in the forward direction between BL 0 and RBL 55. Wait a minimum of five minutes. Four ounces or less of water in any Electrical and Electronics (EE) compartment drip shield is acceptable.			
(b) Repeat the test no more than 6 times.			

4. APPROVAL

This Requirements Bulletin was examined by the Federal Aviation Administration (FAA). The changes specified in this document comply with the applicable regulations and are FAA approved, as well as European Union Aviation Safety Agency (EASA)/Joint Aviation Authorities (JAA) approved for all EASA/JAA approved airplanes listed in the service bulletin effectivity. This document and its approval were based on the airplane in its original Boeing delivery configuration or as modified by other Boeing changes.

If an airplane has a non-Boeing modification or repair that affects a component or system also affected by this Requirements Bulletin, the operator is responsible for obtaining appropriate regulatory agency approval before incorporating this Requirements Bulletin.

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5. ACCOMPLISHMENT INSTRUCTIONS

A. GENERAL INFORMATION

NOTE: 1. This is an Enhanced Required for Compliance document. There will be a separate Service Bulletin (SB) and a separate Requirements Bulletin (RB). If an RB is mandated by an Airworthiness Directive (AD), then all applicable requirements specified in the RB must be done. For the related SB, some locations are marked RC Start and RC End to identify the requirements that are restated from the RB. For the related SB, the areas between RC Start and RC End, including sub-steps and any figures identified between RC Start and RC End, must be done to comply with the AD. Therefore, an Alternative Method of Compliance (AMOC) is required for any deviations to steps between RC Start and RC End, including substeps and identified figures. For the related SB, the steps not between RC Start and RC End may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC; this is provided that the steps between RC Start and RC End, including sub-steps and identified figures, can still be done as specified, and the airplane can be put back in an airworthy condition. Figures not required for compliance are omitted from the RB.

2. This is an Enhanced Required for Compliance document. The Boeing processes used to create the Service Bulletin (SB) and the Requirements Bulletin (RB) ensure that the information between "RC Start" and "RC End" in the SB are identical to the information in the same sections (Compliance, Work Instructions...) of the RB which the SB refers to as the related document.

3. The compliance times for the actions in WORK INSTRUCTIONS are in Compliance.

4. Unless shown differently, these dimensions and tolerances are used:

- Linear dimensions are in inches
- Tolerance on linear dimensions, other than rivet and bolt edge margins, is plus or minus 0.03 inch
- Tolerance on rivet and bolt edge margin is plus or minus 0.05 inch
- Angular tolerance is plus or minus 2 degrees
- Hole dimensions for standard solid rivets and fasteners are in Structural Repair Manual (SRM) Chapter 51
- Torque Values:
  - Values for structural fasteners are given in 737 Structural Repair Manual, Chapter 51.
  - Values for airframe maintenance tasks are included in Chapter 20 of 737 Aircraft Maintenance Manual (AMM).
  - Values for electrical maintenance tasks are included in Chapter 20 of Standard Wiring Practices Manual (SWPM).
  - Values for engine maintenance tasks are included in Chapter 70 of 737 Aircraft Maintenance Manual (AMM).
  - Non-standard torque values for maintenance tasks are included in the applicable installation step.

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5. These work instructions refer to procedures included in other Boeing documents. When the words "refer to" are used and the operator has an accepted alternative procedure, the accepted alternative procedure can be used. When the words "in accordance with" are included in the instruction, the procedure in the Boeing document must be used.

6. When more than one OPTION is given for a CONDITION, do only one of the OPTION numbers. When more than one ACTION is given for a CONDITION or an OPTION, do all of the ACTION numbers for that CONDITION or OPTION.

7. A Detailed Inspection is defined as: An intensive examination of a specific item, installation or assembly to detect damage, failure or irregularity. This could include tactile assessment in which a component or assembly can be checked for tightness/security. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors and magnifying lenses may be necessary. Surface cleaning and elaborate access procedures may be required.

8. Where the work instructions include installation of a kept part, a new or serviceable part with the same part number can be installed as an alternative to the kept part.

9. If it is necessary to remove more parts for access, you can remove those parts. If you can get access without removing identified parts, it is not necessary to remove all of the identified parts. Jacking and shoring limitations must be observed.

10. Use the approved fastener, process and material substitutions in accordance with SRM Chapter 51.

11. If the length of any fastener specified in this service bulletin does not meet installation standards given in SRM Chapter 51, then a fastener of the same specification, or an approved substitute, with a length which meets the installation standards given in SRM Chapter 51 may be used. In addition, washers may be installed for fastener grip length in accordance with SRM Chapter 51. Refer to SOPM 20-50-01 for alternate full threaded fasteners (screws) needed for installation in this service bulletin.

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B. WORK INSTRUCTIONS

Actions Required for Compliance

1. Requirements:

Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	On the main deck cargo compartment floor, adjacent to the Rigid Cargo Barrier (RCB), do a detailed inspection of the drain troughs for any surface dents or scratches.	-	PART 1: Drain Trough Removal and Clean.
		FIGURE 4	-
CONDITION 1: ANY SURFACE DENTS GREATER THAN 0.10 INCHES IN DEPTH OR SCRATCHES GREATER THAN 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Contact The Boeing Company for repair instructions and do the repair.	-	-
CONDITION 2: NO SURFACE DENTS, AND NO SCRATCHES FOUND, OR ANY SURFACE DENTS LESS THAN OR EQUAL TO 0.10 INCHES IN DEPTH AND SCRATCHES LESS THAN OR EQUAL TO 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Install drain troughs and apply sealant.	FIGURE 5	-
		-	PART 2: Connect Drain Trough Drain Lines.
All Airplanes	Do a detailed inspection of the drain trough at Left Buttock Line (LBL) 58.89 for missing sealant.	FIGURE 6	-
CONDITION 3: NO SEALANT FOUND ON THE DRAIN TROUGH	Apply sealant to the drain trough.	FIGURE 8	-

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 4: SEALANT FOUND ON THE DRAIN TROUGH	Do a detailed inspection of the sealant at the drain trough at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	FIGURE 7	-
CONDITION 4.1: SEALANT ON THE DRAIN TROUGH FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 4.1 (ACTION 1): Remove all sealant from the drain trough.	FIGURE 9	-
	CONDITION 4.1 (ACTION 2): Apply sealant to the drain trough.		
CONDITION 4.2: SEALANT ON THE DRAIN TROUGH FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the drain seal at LBL 58.89 for missing sealant.	FIGURE 10	-
CONDITION 5: NO SEALANT FOUND ON THE DRAIN SEAL	Apply sealant to the drain seal.	FIGURE 12	-
CONDITION 6: SEALANT FOUND ON THE DRAIN SEAL	Do a detailed inspection of the sealant at the drain seal at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	FIGURE 11	-
CONDITION 6.1: SEALANT ON THE DRAIN SEAL FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 6.1 (ACTION 1): Remove all sealant from the drain seal.	FIGURE 13	-
	CONDITION 6.1 (ACTION 2): Apply sealant to drain seal.		

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 6.2: SEALANT ON THE DRAIN SEAL FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the main deck cargo compartment floor panels joints at STA 354, LBL 58.7 adjacent to the RCB for missing sealant.	FIGURE 14	-
CONDITION 7: NO SEALANT FOUND ON THE FLOOR PANEL JOINTS	Apply sealant to the floor panel joints.	FIGURE 16	-
CONDITION 8: SEALANT FOUND ON ANY FLOOR PANEL JOINT	Do a detailed inspection of the sealant at the floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for smooth continuous sealant application, flaking, and peeling.	FIGURE 15	-
CONDITION 8.1: SEALANT ON THE FLOOR PANEL JOINT FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 8.1 (ACTION 1): Remove all sealant from the floor panel joints. CONDITION 8.1 (ACTION 2): Apply sealant to the floor panel joints.	FIGURE 17	-
CONDITION 8.2: SEALANT ON THE FLOOR PANEL JOINT FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	Between the RCB and the adjacent floor structure, apply sealant into any gaps and mouse holes, until flush with aft face of the RCB.	FIGURE 19	-
	Between the RCB and STA 380, apply sealant on the floor panel joints, install moisture barrier tape on the floor panels and install waterseal tape between the RCB and adjacent floor structure.	FIGURE 20	-
		-	PART 3: Drain Water System Leak Test.
			PART 4: Seat Track Splices Sealant Inspection.
			PART 5: Seat Track Filler Installation.
			PART 6: Main Deck Cargo Compartment Floor Panels Between STA 380 and STA 480 Sealant Inspection.
			PART 7: Main Deck Cargo Door Weather Seal Removal.
	Install new Main Deck Cargo Door (MDCD) weather seal.	FIGURE 33	-
	Do the Floor Water Leak Test. (a)	-	PART 8: Floor Water Leak Test.
CONDITION 9: MORE THAN 4 OUNCES OF WATER COLLECTS IN ANY ELECTRICAL AND ELECTRONICS (EE) COMPARTMENT DRIP SHIELD	Do a detailed inspection of sealant at all locations specified in this Requirements Bulletin for missing, peeling, or flaking sealant.	-	-

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Group 1:
Table 1: Main Deck Cargo Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 9.1: MISSING, PEELING, OR FLAKING SEALANT FOUND	CONDITION 9.1 (ACTION 1): Reapply sealant at affected location(s).	-	-
	CONDITION 9.1 (ACTION 2): Repeat the Floor Water Leak Test until no more than 4 ounces of water collects on any drip shield. (a)(b)	-	-
CONDITION 10: REPEATED ATTEMPTS DOES NOT RESULT IN 4 OR LESS OUNCES OF WATER FROM COLLECTING ON ANY EE COMPARTMENT DRIP SHIELD	Contact The Boeing Company for repair instructions and do the repair.	-	-
All Airplanes	-	-	PART 9: MDCD Water Spray Functional Test.
	-	-	PART 10: Cargo Handling System Parts and Anti-Skid Tape Installation.
(a) The Floor Water Leak Test is defined as: Make sure the airplane is parked on level surface or up to 5 degrees nose-down attitude. On the forward main deck cargo compartment floor, from STA 460, LBL 25 seat track, empty 3 gallons minimum of potable water in the forward direction between BL 0 to LBL 55. Empty an additional 3 gallons minimum of potable water in the forward direction between BL 0 and RBL 55. Wait a minimum of five minutes. Four ounces or less of water in any Electrical and Electronics (EE) compartment drip shield is acceptable.			
(b) Repeat the test no more than 6 times.			

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	On the main cargo compartment floor, adjacent to the Rigid Cargo Barrier (RCB), do a detailed inspection of the drain troughs for any surface dents or scratches.	-	PART 1: Drain Trough Removal and Clean.
		FIGURE 4	-
CONDITION 1: ANY SURFACE DENTS GREATER THAN 0.10 INCHES IN DEPTH OR SCRATCHES GREATER THAN 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Contact The Boeing Company for repair instructions and do the repair.	-	-
CONDITION 2: NO SURFACE DENTS, AND NO SCRATCHES FOUND, OR ANY SURFACE DENTS LESS THAN OR EQUAL TO 0.10 INCHES IN DEPTH AND SCRATCHES LESS THAN OR EQUAL TO 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Install drain troughs and apply sealant.	FIGURE 5	-
		-	PART 2: Connect Drain Trough Drain Lines.
All Airplanes	Do a detailed inspection of the drain trough at Left Buttock Line (LBL) 58.89 for missing sealant.	FIGURE 6	-
CONDITION 3: NO SEALANT FOUND ON THE DRAIN TROUGH	Apply sealant to the drain trough.	FIGURE 8	-
CONDITION 4: SEALANT FOUND ON THE DRAIN TROUGH	Do a detailed inspection of the sealant at the drain trough at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	FIGURE 7	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 4.1: SEALANT ON THE DRAIN TROUGH FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 4.1 (ACTION 1): Remove all sealant from the drain trough. CONDITION 4.1 (ACTION 2): Apply sealant to the drain trough.	FIGURE 9	-
CONDITION 4.2: SEALANT ON THE DRAIN TROUGH FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the drain seal at LBL 58.89 for missing sealant.	FIGURE 10	-
CONDITION 5: NO SEALANT FOUND ON THE DRAIN SEAL	Apply sealant to the drain seal.	FIGURE 12	-
CONDITION 6: SEALANT FOUND ON THE DRAIN SEAL	Do a detailed inspection of the sealant at the drain seal at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	FIGURE 11	-
CONDITION 6.1: SEALANT ON THE DRAIN SEAL FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 6.1 (ACTION 1): Remove all sealant from the drain seal. CONDITION 6.1 (ACTION 2): Apply sealant to drain seal.	FIGURE 13	-
CONDITION 6.2: SEALANT ON THE DRAIN SEAL FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	Do a detailed inspection of the main deck cargo compartment floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for missing sealant.	FIGURE 14	-
CONDITION 7: NO SEALANT FOUND ON THE FLOOR PANEL JOINTS	Apply sealant to the floor panel joints.	FIGURE 16	-
CONDITION 8: SEALANT FOUND ON ANY FLOOR PANEL JOINT	Do a detailed inspection of the sealant at the floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for smooth continuous sealant application, flaking, and peeling.	FIGURE 15	-
CONDITION 8.1: SEALANT ON THE FLOOR PANEL JOINT FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 8.1 (ACTION 1): Remove all sealant from the floor panel joints. CONDITION 8.1 (ACTION 2): Apply sealant to the floor panel joints.	FIGURE 17	-
CONDITION 8.2: SEALANT ON THE FLOOR PANEL JOINT FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	Between the RCB and the adjacent floor structure, apply sealant into any gaps and mouse holes, until flush with aft face of the RCB.	FIGURE 19	-
	Between the RCB and STA 380, apply sealant on the floor panel joints, install moisture barrier tape on the floor panels, and install waterseal tape between the RCB and adjacent floor structure.	FIGURE 20	-
		-	PART 3: Drain Water System Leak Test.
			PART 4: Seat Track Splices Sealant Inspection.
			PART 5: Seat Track Filler Installation.
			PART 6: Main Deck Cargo Compartment Floor Panels Between STA 380 and STA 480 Sealant Inspection.
			PART 7: Main Deck Cargo Door Weather Seal Removal.
	Install new Main Deck Cargo Door (MDCD) weather seal.	FIGURE 33	-
	Do a detailed inspection of the E5 Rack drain pan shroud for missing sealant.	FIGURE 34	-
CONDITION 9: NO SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Apply sealant to the E5 Rack drain pan shroud.	FIGURE 36	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 10: SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Do a detailed inspection of the sealant at the E5 Rack drain pan shroud for smooth continuous sealant application, flaking, and peeling.	FIGURE 35	-
CONDITION 10.1: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 10.1 (ACTION 1): Remove all sealant from the E5 Rack drain pan shroud.	FIGURE 37	-
	CONDITION 10.1 (ACTION 2): Apply sealant to the E5 Rack drain pan shroud.		
CONDITION 10.2: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Apply sealant between the E5 Rack drain pan shroud rail assembly and support rail assembly, and apply sealant to fasteners and nutplates.	FIGURE 38	-
	Do the Floor Water Leak Test. (a)	-	PART 8: Floor Water Leak Test.
CONDITION 11: MORE THAN 4 OUNCES OF WATER COLLECTS IN ANY ELECTRICAL AND ELECTRONICS (EE) COMPARTMENT DRIP SHIELD	Do a detailed inspection of sealant at all locations specified in this Requirements Bulletin for missing, peeling, or flaking sealant.	-	-

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Group 2, Configuration 1:
Table 2: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 11.1: MISSING, PEELING, OR FLAKING SEALANT FOUND	CONDITION 11.1 (ACTION 1): Reapply sealant at affected location(s).	-	-
	CONDITION 11.1 (ACTION 2): Repeat the Floor Water Leak Test until no more than 4 ounces of water collects on any drip shield.	-	-
CONDITION 12: REPEATED ATTEMPTS DOES NOT RESULT IN 4 OR LESS OUNCES OF WATER FROM COLLECTING ON ANY EE COMPARTMENT DRIP SHIELD	Contact The Boeing Company for repair instructions and do the repair.	-	-
All Airplanes	-	-	PART 9: MDCD Water Spray Functional Test.
	-	-	PART 10: Cargo Handling System Parts and Anti-Skid Tape Installation.
(a) The Floor Water Leak Test is defined as: Make sure the airplane is parked on level surface or up to 5 degrees nose-down attitude. On the forward main deck cargo compartment floor, from STA 460, LBL 25 seat track, empty 3 gallons minimum of potable water in the forward direction between BL 0 to LBL 55. Empty an additional 3 gallons minimum of potable water in the forward direction between BL 0 and RBL 55. Wait a minimum of five minutes. Four ounces or less of water in any Electrical and Electronics (EE) compartment drip shield is acceptable.			
(b) Repeat the test no more than 6 times.			

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	On the main cargo compartment floor, adjacent to the Rigid Cargo Barrier (RCB), do a detailed inspection of the drain troughs for any surface dents or scratches.	-	PART 1: Drain Trough Removal and Clean.
		FIGURE 4	-
CONDITION 1: ANY SURFACE DENTS GREATER THAN 0.10 INCHES IN DEPTH OR SCRATCHES GREATER THAN 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Contact The Boeing Company for repair instructions and do the repair.	-	-
CONDITION 2: NO SURFACE DENTS, AND NO SCRATCHES FOUND, OR ANY SURFACE DENTS LESS THAN OR EQUAL TO 0.10 INCHES IN DEPTH AND SCRATCHES LESS THAN OR EQUAL TO 0.02 INCHES IN DEPTH FOUND ON ANY DRAIN TROUGH	Install drain troughs and apply sealant.	FIGURE 5	-
		-	PART 2: Connect Drain Trough Drain Lines.
All Airplanes	Do a detailed inspection of the drain trough at Left Buttock Line (LBL) 58.89 for missing sealant.	FIGURE 6	-
CONDITION 3: NO SEALANT FOUND ON THE DRAIN TROUGH	Apply sealant to the drain trough.	FIGURE 8	-
CONDITION 4: SEALANT FOUND ON THE DRAIN TROUGH	Do a detailed inspection of the sealant at the drain trough at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	FIGURE 7	-

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 4.1: SEALANT ON THE DRAIN TROUGH FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 4.1 (ACTION 1): Remove all sealant from the drain trough. CONDITION 4.1 (ACTION 2): Apply sealant to the drain trough.	FIGURE 9	-
CONDITION 4.2: SEALANT ON THE DRAIN TROUGH FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Do a detailed inspection of the drain seal at LBL 58.89 for missing sealant.	FIGURE 10	-
CONDITION 5: NO SEALANT FOUND ON THE DRAIN SEAL	Apply sealant to the drain seal.	FIGURE 12	-
CONDITION 6: SEALANT FOUND ON THE DRAIN SEAL	Do a detailed inspection of the sealant at the drain seal at LBL 58.89 for smooth continuous sealant application, flaking, and peeling.	FIGURE 11	-
CONDITION 6.1: SEALANT ON THE DRAIN SEAL FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 6.1 (ACTION 1): Remove all sealant from the drain seal. CONDITION 6.1 (ACTION 2): Apply sealant to drain seal.	FIGURE 13	-
CONDITION 6.2: SEALANT ON THE DRAIN SEAL FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	Do a detailed inspection of the main deck cargo compartment floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for missing sealant.	FIGURE 14	-
CONDITION 7: NO SEALANT FOUND ON THE FLOOR PANEL JOINTS	Apply sealant to the floor panel joints.	FIGURE 16	-
CONDITION 8: SEALANT FOUND ON ANY FLOOR PANEL JOINT	Do a detailed inspection of the sealant at the floor panel joints at STA 354, LBL 58.7 adjacent to the RCB for smooth continuous sealant application, flaking, and peeling.	FIGURE 15	-
CONDITION 8.1: SEALANT ON THE FLOOR PANEL JOINT FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 8.1 (ACTION 1): Remove all sealant from the floor panel joints. CONDITION 8.1 (ACTION 2): Apply sealant to the floor panel joints.	FIGURE 17	-
CONDITION 8.2: SEALANT ON THE FLOOR PANEL JOINT FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
All Airplanes	Between the RCB and the adjacent floor structure, apply sealant into any gaps and mouse holes, until flush with aft face of the RCB.	FIGURE 19	-
	Between the RCB and STA 380, apply sealant on the floor panel joints, install moisture barrier tape on the floor panels, and install waterseal tape between the RCB and adjacent floor structure.	FIGURE 20	-
		-	PART 3: Drain Water System Leak Test.
			PART 4: Seat Track Splices Sealant Inspection.
			PART 5: Seat Track Filler Installation.
			PART 6: Main Deck Cargo Compartment Floor Panels Between STA 380 and STA 480 Sealant Inspection.
			PART 7: Main Deck Cargo Door Weather Seal Removal.
	Install new Main Deck Cargo Door (MDCD) weather seal.	FIGURE 33	-
	Do a detailed inspection of the E5 Rack drain pan shroud for missing sealant.	FIGURE 34	-
CONDITION 9: NO SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Apply sealant to the E5 Rack drain pan shroud.	FIGURE 36	-

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 10: SEALANT FOUND ON THE E5 RACK DRAIN PAN SHROUD	Do a detailed inspection of the sealant at the E5 Rack drain pan shroud for smooth continuous sealant application, flaking, and peeling.	FIGURE 35	-
CONDITION 10.1: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND FLAKING, PEELING, OR NOT SMOOTH AND CONTINUOUS	CONDITION 10.1 (ACTION 1): Remove all sealant from the E5 Rack drain pan shroud.	FIGURE 37	-
	CONDITION 10.1 (ACTION 2): Apply sealant to the E5 Rack drain pan shroud.		
CONDITION 10.2: SEALANT ON THE E5 RACK DRAIN PAN SHROUD FOUND SMOOTH AND CONTINUOUS, NOT FLAKING, AND NOT PEELING	No further action.	-	-
All Airplanes	Apply sealant between the E5 Rack drain pan shroud rail assembly and support rail assembly, and apply sealant to fasteners and nutplates.	FIGURE 39	-
	Do the Floor Water Leak Test. (a)	-	PART 8: Floor Water Leak Test.
CONDITION 11: MORE THAN 4 OUNCES OF WATER COLLECTS IN ANY ELECTRICAL AND ELECTRONICS (EE) COMPARTMENT DRIP SHIELD	Do a detailed inspection of sealant at all locations specified in this Requirements Bulletin for missing, peeling, or flaking sealant.	-	-

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Group 2, Configuration 2:
Table 3: Main Deck Cargo Compartment and Electrical and Electronics Compartment Sealant Inspection, Installation, and Replacement

Condition	Action	Method of Compliance	Refer to the listed procedures in SB 737-53A1401 Original Issue or later approved revisions as an accepted procedure.
CONDITION 11.1: MISSING, PEELING, OR FLAKING SEALANT FOUND	CONDITION 11.1 (ACTION 1): Reapply sealant at affected location(s).	-	-
	CONDITION 11.1 (ACTION 2): Repeat the Floor Water Leak Test until no more than 4 ounces of water collects on any drip shield.	-	-
CONDITION 12: REPEATED ATTEMPTS DOES NOT RESULT IN 4 OR LESS OUNCES OF WATER FROM COLLECTING ON ANY EE COMPARTMENT DRIP SHIELD	Contact The Boeing Company for repair instructions and do the repair.	-	-
All Airplanes	-	-	PART 9: MDCD Water Spray Functional Test.
	-	-	PART 10: Cargo Handling System Parts and Anti-Skid Tape Installation.
(a) The Floor Water Leak Test is defined as: Make sure the airplane is parked on level surface or up to 5 degrees nose-down attitude. On the forward main deck cargo compartment floor, from STA 460, LBL 25 seat track, empty 3 gallons minimum of potable water in the forward direction between BL 0 to LBL 55. Empty an additional 3 gallons minimum of potable water in the forward direction between BL 0 and RBL 55. Wait a minimum of five minutes. Four ounces or less of water in any Electrical and Electronics (EE) compartment drip shield is acceptable.			
(b) Repeat the test no more than 6 times.			

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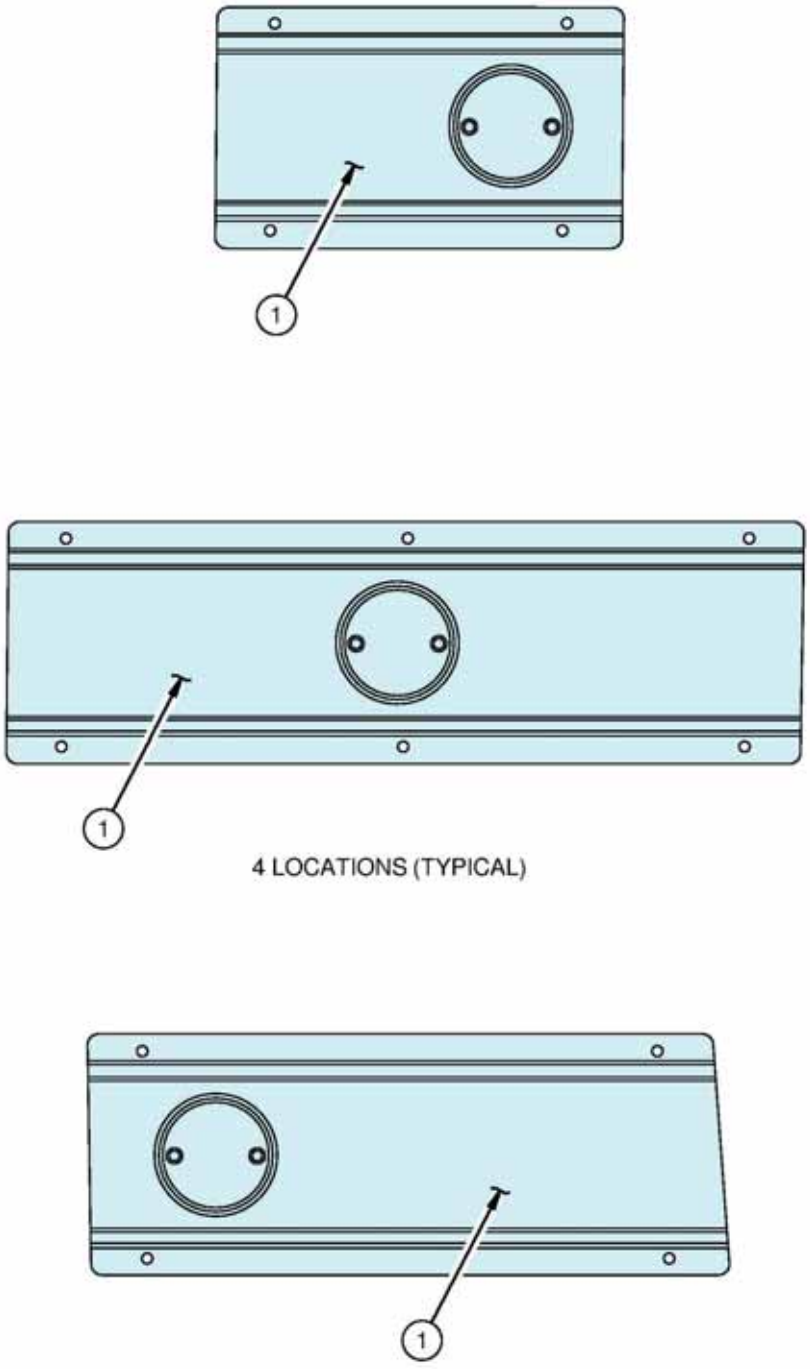


FIGURE 4: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSPECTION (SHEET 1 OF 2)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	DRAIN TROUGH	841A7801-116	1	(a)
	Inspect	DRAIN TROUGH	841A7801-118	1	(a)
	Inspect	DRAIN TROUGH	841A7801-120	1	(a)
	Inspect	DRAIN TROUGH	841A7801-122	1	(a)
	Inspect	DRAIN TROUGH	841A7801-124	1	(a)
	Inspect	DRAIN TROUGH	841A7801-126	1	(a)
(a) Do a detailed inspection of the drain troughs for any surface dents or scratches.					

FIGURE 4: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSPECTION (SHEET 2 OF 2)

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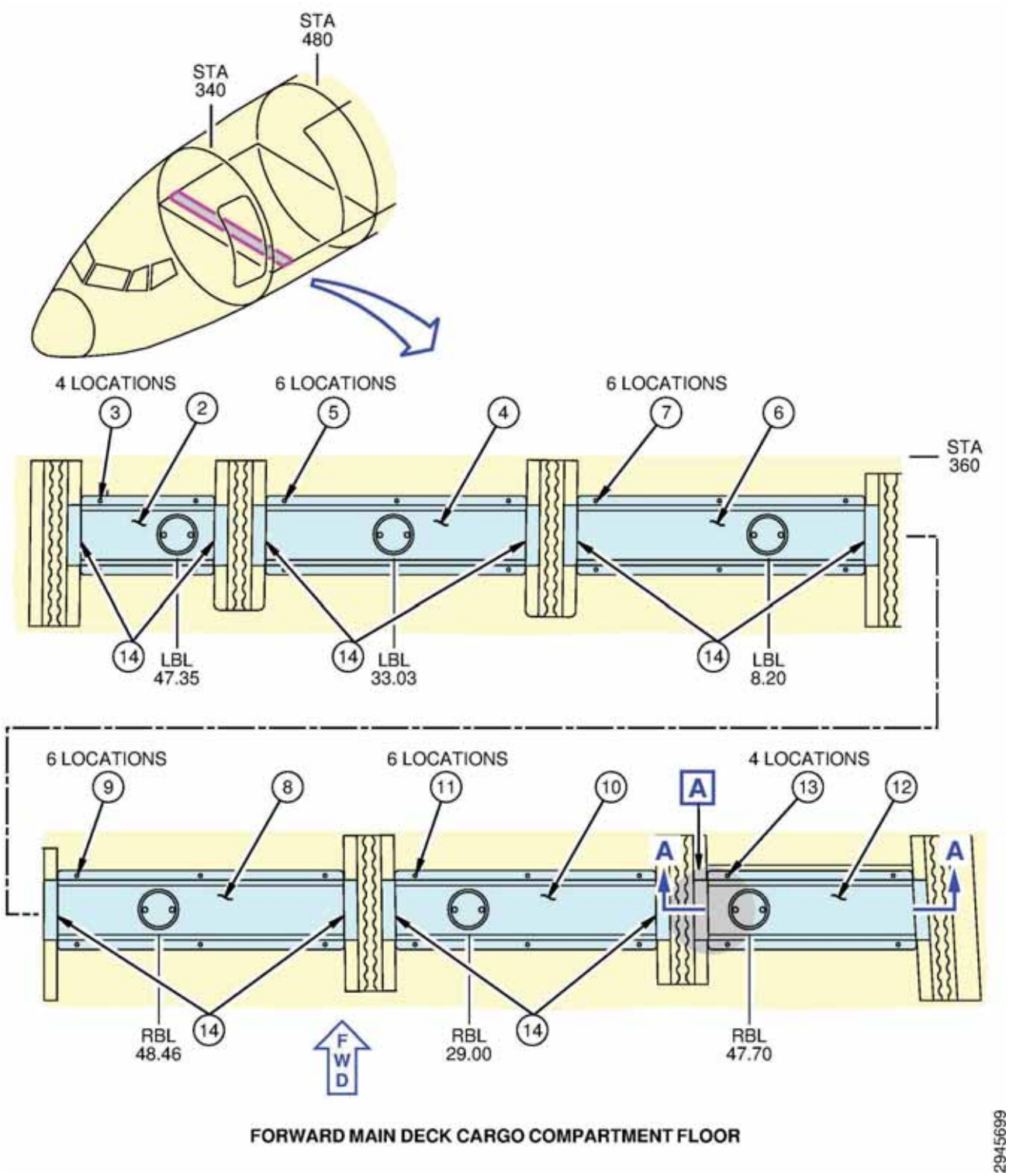


FIGURE 5: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSTALLATION (SHEET 1 OF 5)

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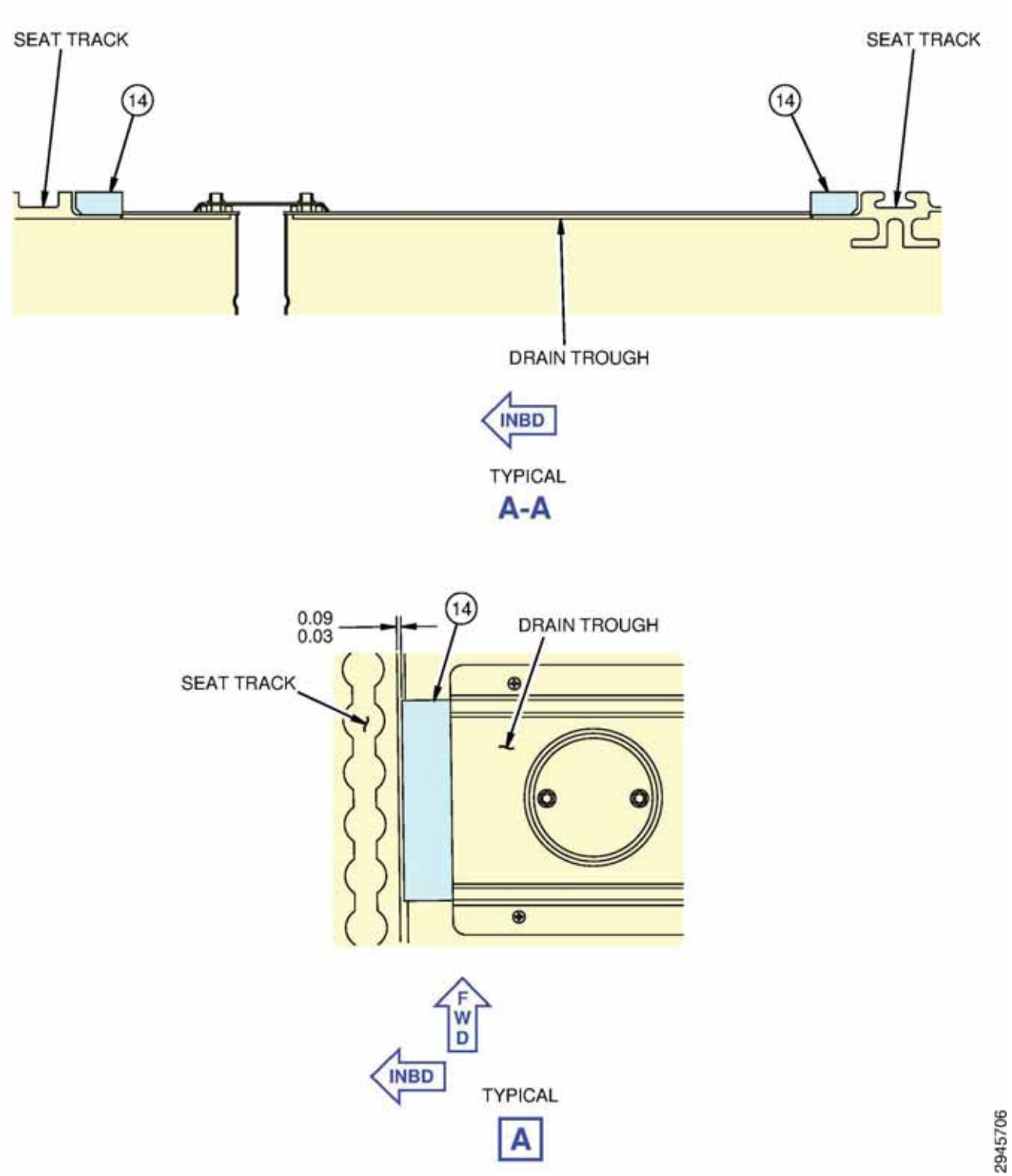


FIGURE 5: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSTALLATION (SHEET 2 OF 5)

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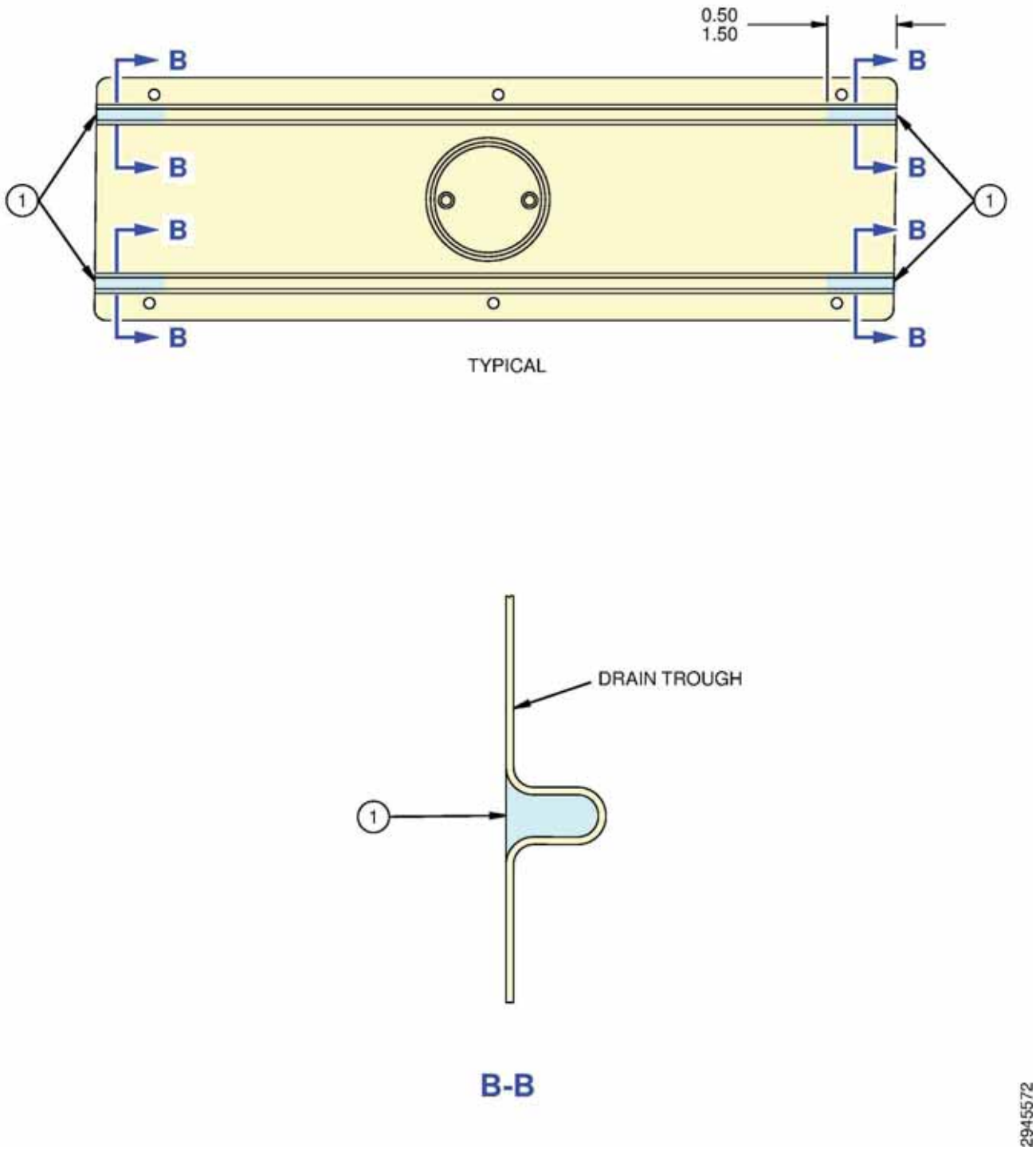


FIGURE 5: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSTALLATION (SHEET 3 OF 5)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 optional)	-	(a)
2	Install (Kept)	DRAIN TROUGH	841A7801-116	1	
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 optional)	-	(b)(f)
3	Install (Kept)	FASTENER	-	4	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(c)
4	Install (Kept)	DRAIN TROUGH	841A7801-118	1	
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 optional)	-	(b)(f)
5	Install (Kept)	FASTENER	-	6	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(c)
6	Install (Kept)	DRAIN TROUGH	841A7801-120	1	
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 optional)	-	(b)(f)
7	Install (Kept)	FASTENER	-	6	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(c)
8	Install (Kept)	DRAIN TROUGH	841A7801-122	1	
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 optional)	-	(b)(f)
9	Install (Kept)	FASTENER	-	6	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(c)
10	Install (Kept)	DRAIN TROUGH	841A7801-124	1	
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 optional)	-	(b)(f)
11	Install (Kept)	FASTENER	-	6	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(c)
12	Install (Kept)	DRAIN TROUGH	841A7801-126	1	
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 optional)	-	(b)(f)
13	Install (Kept)	FASTENER	-	4	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(c)

FIGURE 5: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSTALLATION (SHEET 4 OF 5)

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Step	Task	Name	Identification	Qty	More Data
14	Install (Kept)	DRAIN SEAL	841A7801-100	12	(d)
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(e)(f)(g)
(a) Before installation, prepack the inner surfaces on both ends of each drain trough, between 0.50 inches and 1.50 inches in length. Total quantity 6 drain troughs.					
(b) Apply a faying surface seal to the complete faying surface of the drain trough and all mating surfaces. Refer to SOPM 20-50-19 as an accepted procedure. Make sure that sealant squeeze out shows continuously along the complete edge of the fay seal joints.					
(c) Install fasteners wet with sealant. Refer to SOPM 20-50-19 as an accepted procedure.					
(d) Align the forward edge of the drain seal with the forward rib of the drain trough.					
(e) Apply a fillet seal on the drain trough edge, drain seal edge, and adjacent seat track edge. Refer to SOPM 20-50-19 as an accepted procedure.					
(f) Apply 20 lbs. of distributed weight to the drain troughs and drain seals to ensure sealant adhesion.					
(g) Make sure that the sealant has cured before connecting the drain trough drain lines.					

FIGURE 5: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGHS - INSTALLATION (SHEET 5 OF 5)

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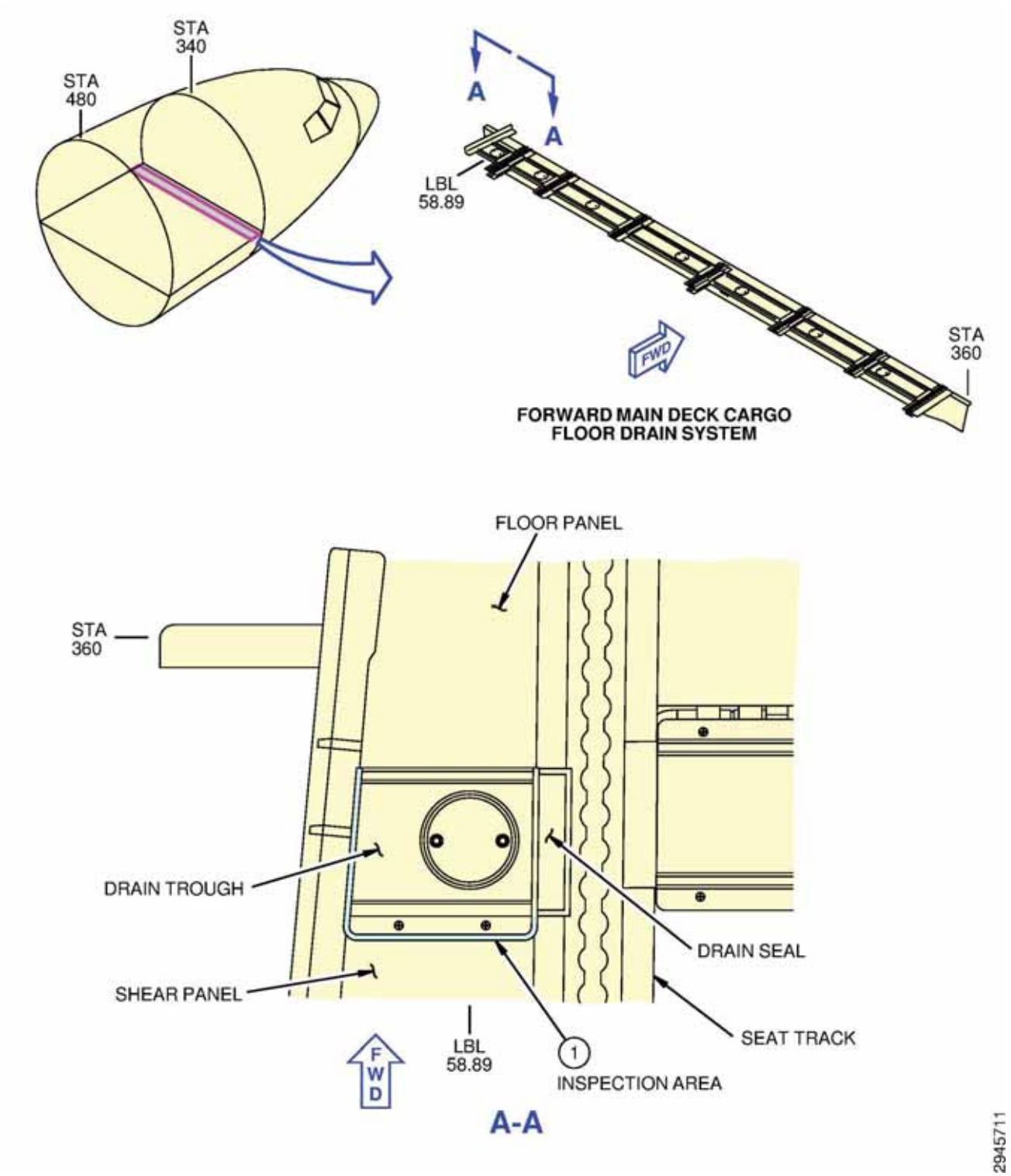


FIGURE 6: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSPECTION
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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	DRAIN TROUGH	841A7801-114	1	(a)
(a) Do a detailed inspection of the drain trough for missing sealant.					

FIGURE 6: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSPECTION
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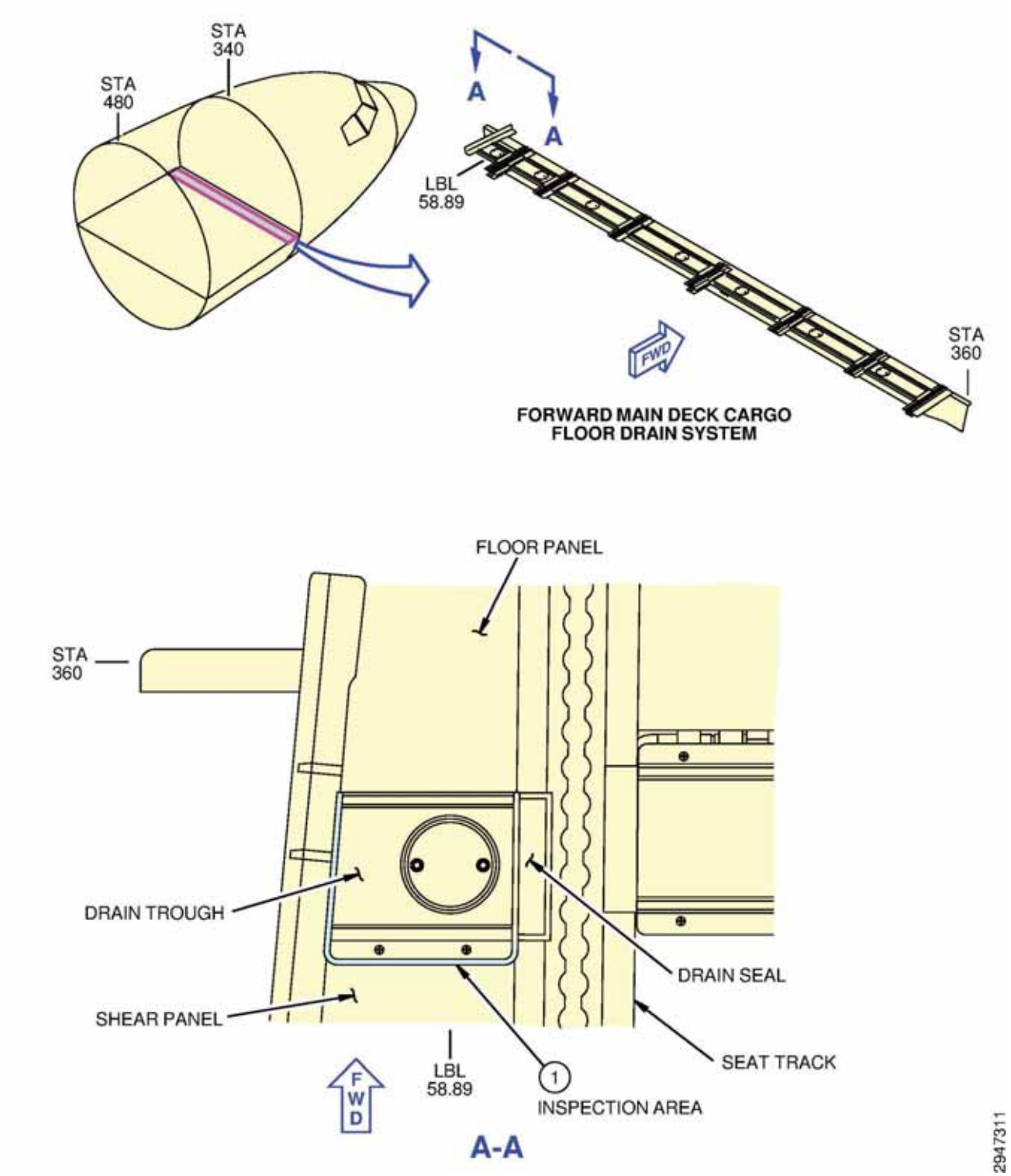


FIGURE 7: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSPECTION
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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	DRAIN TROUGH	841A7801-114	1	(a)
(a) Do a detailed inspection of the sealant at the drain trough.					

FIGURE 7: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSPECTION
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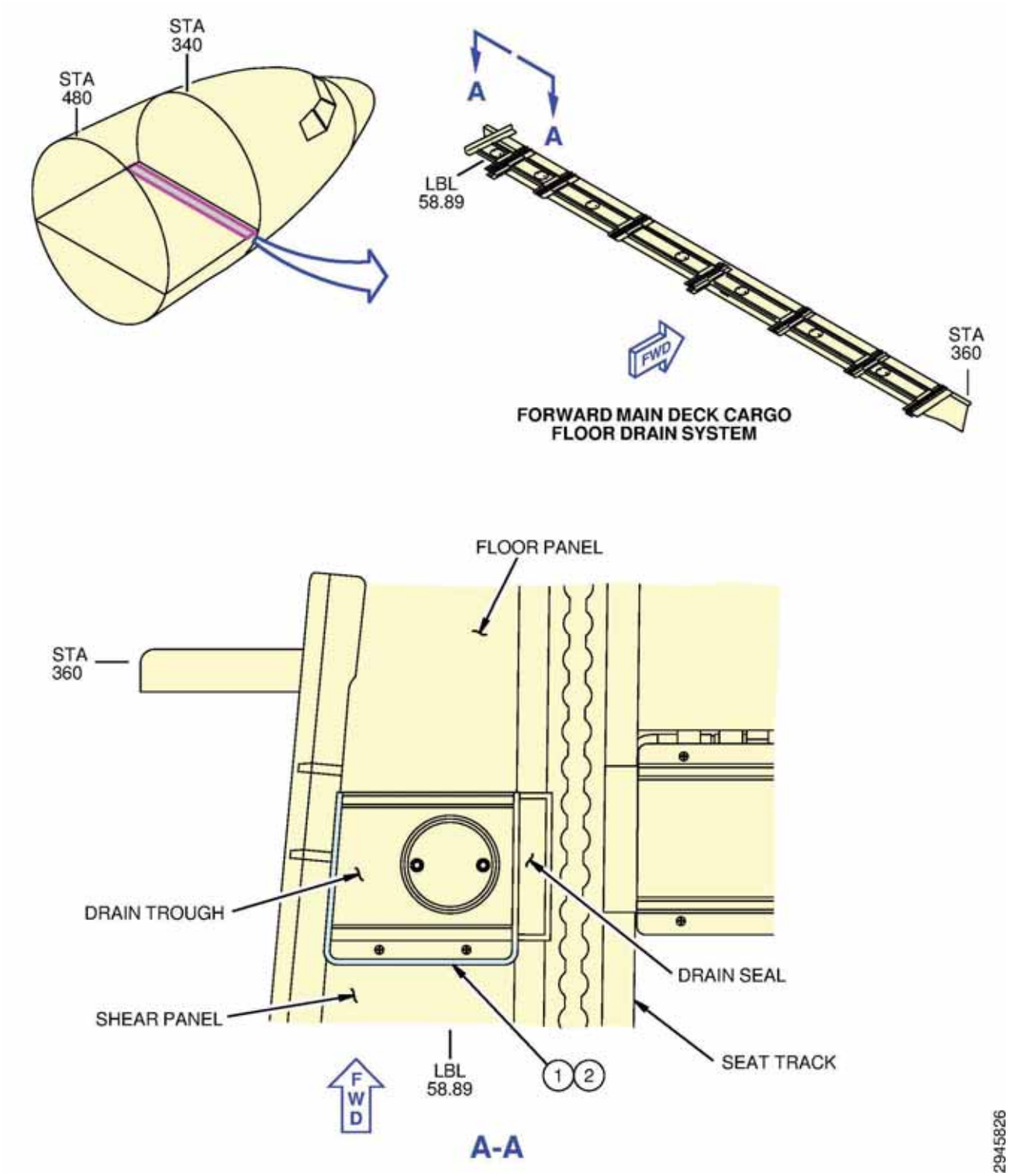


FIGURE 8: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSTALLATION
(SHEET 1 OF 2)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Clean	DRAIN TROUGH	841A7801-114	1	(a)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(c)
(a) Solvent clean drain trough edge. Refer to SOPM 20-30-03 as an accepted procedure.					
(b) Apply a fillet seal on the drain trough edge. Refer to SOPM 20-50-19 as an accepted procedure.					
(c) Make sure that the sealant has cured before connecting the drain trough drain lines.					

FIGURE 8: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT INSTALLATION
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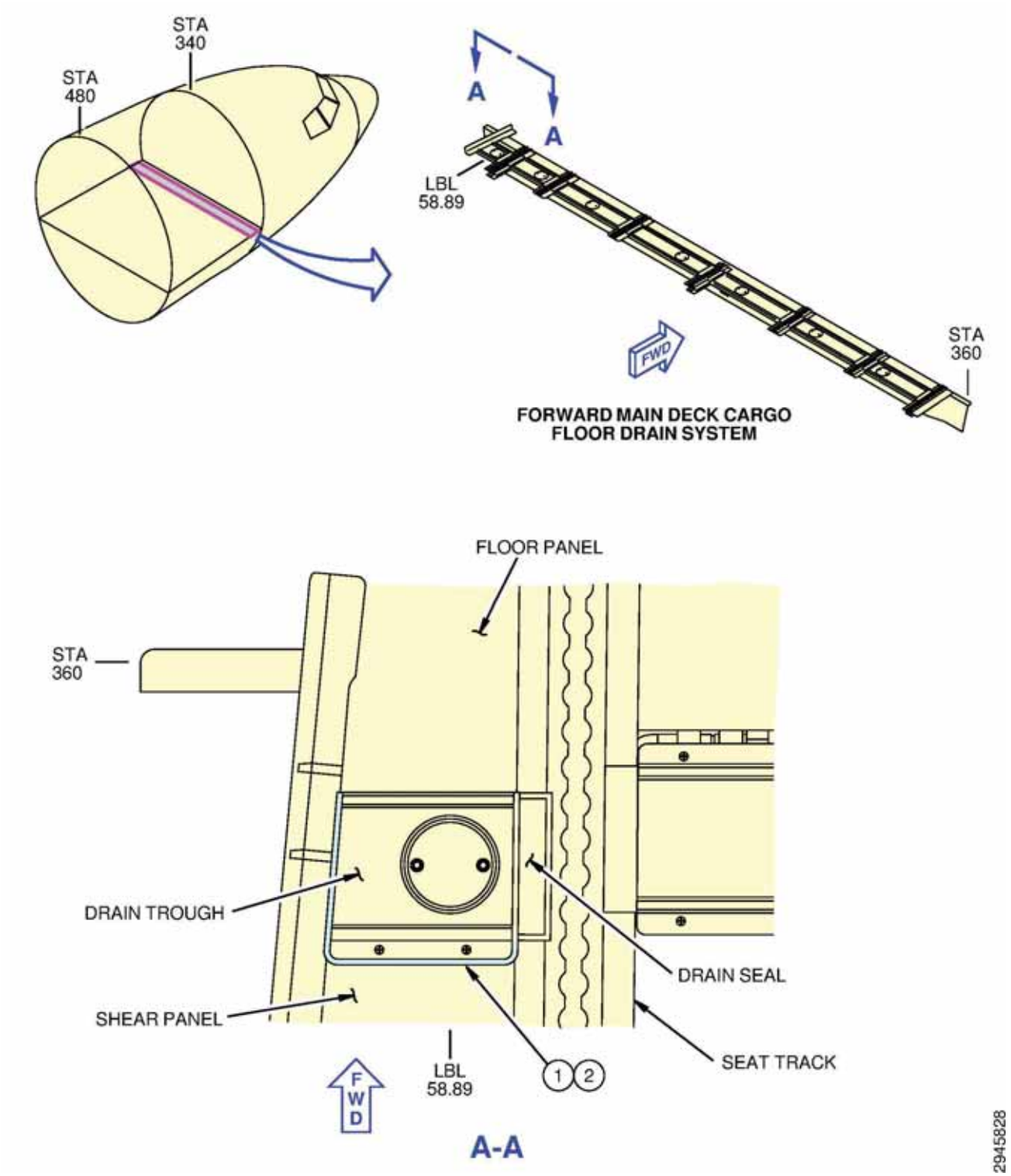


FIGURE 9: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT REPLACEMENT
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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SEALANT	-	-	(a)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(c)
(a) Remove sealant from the drain trough edge. Solvent clean. Refer to SOPM 20-30-03 as an accepted procedure.					
(b) Apply sealant on the drain trough edge. Refer to SOPM 20-50-19 as an accepted procedure.					
(c) Make sure that the sealant has cured before the moisture barrier tape is installed.					

FIGURE 9: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN TROUGH AT STA 360, LBL 58.89 - SEALANT REPLACEMENT
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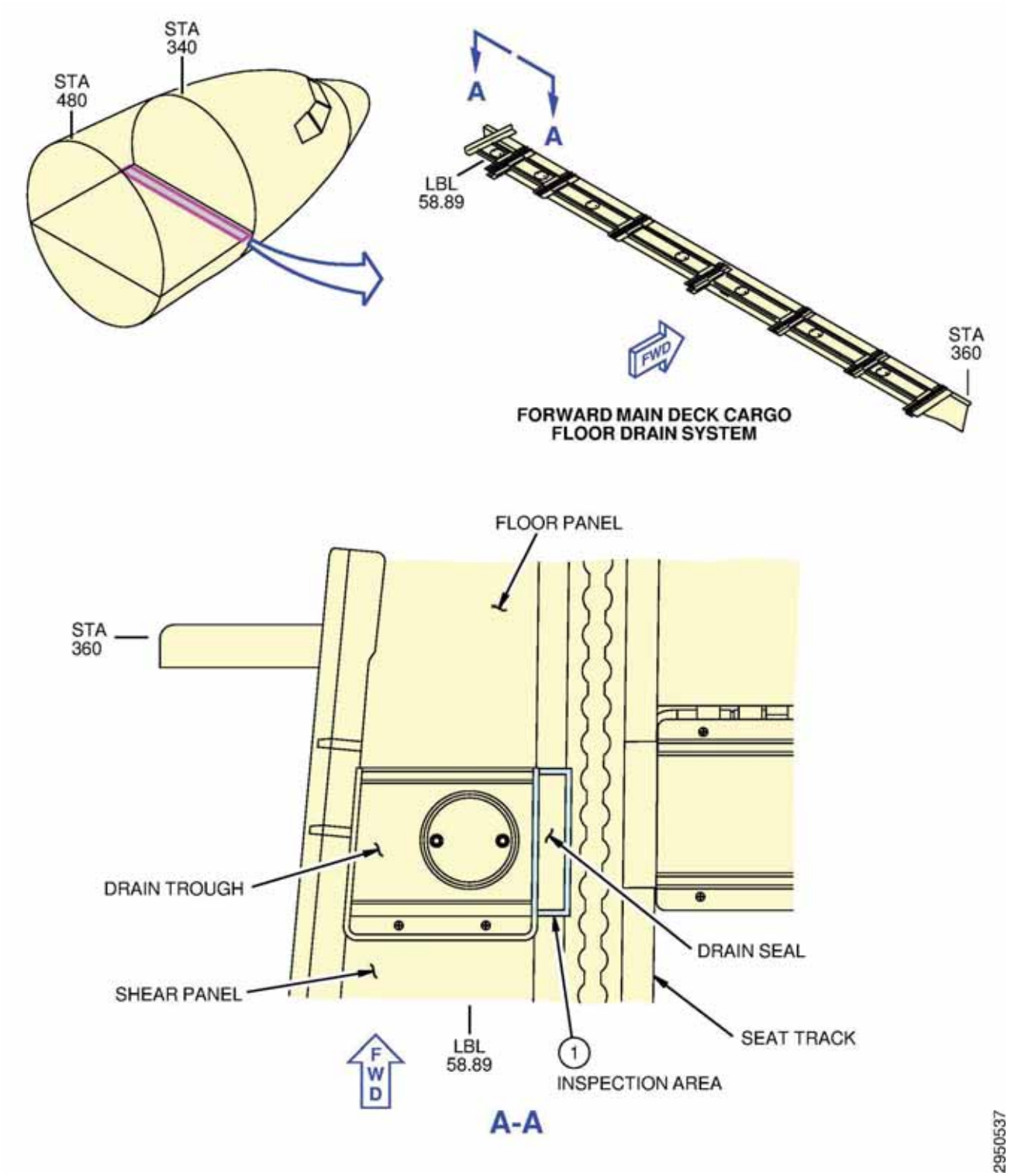


FIGURE 10: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSPECTION
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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	DRAIN SEAL	841A7801-100	1	(a)
(a) Do a detailed inspection of the drain seal for missing sealant.					

FIGURE 10: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSPECTION
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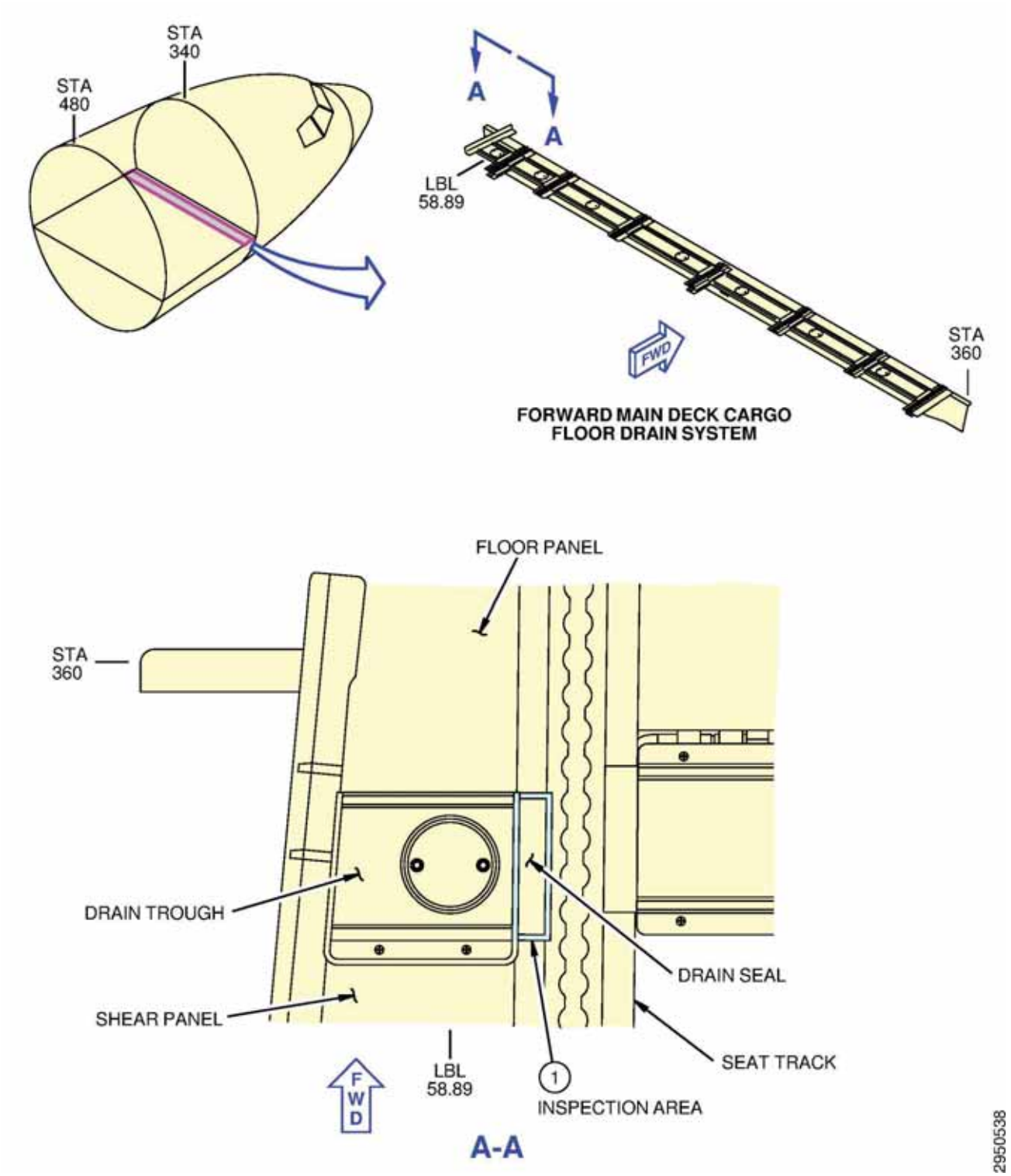


FIGURE 11: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSPECTION
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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	DRAIN SEAL	841A7801-100	1	(a)
(a) Do a detailed inspection of the sealant at the drain seal.					

FIGURE 11: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSPECTION
(SHEET 2 OF 2)

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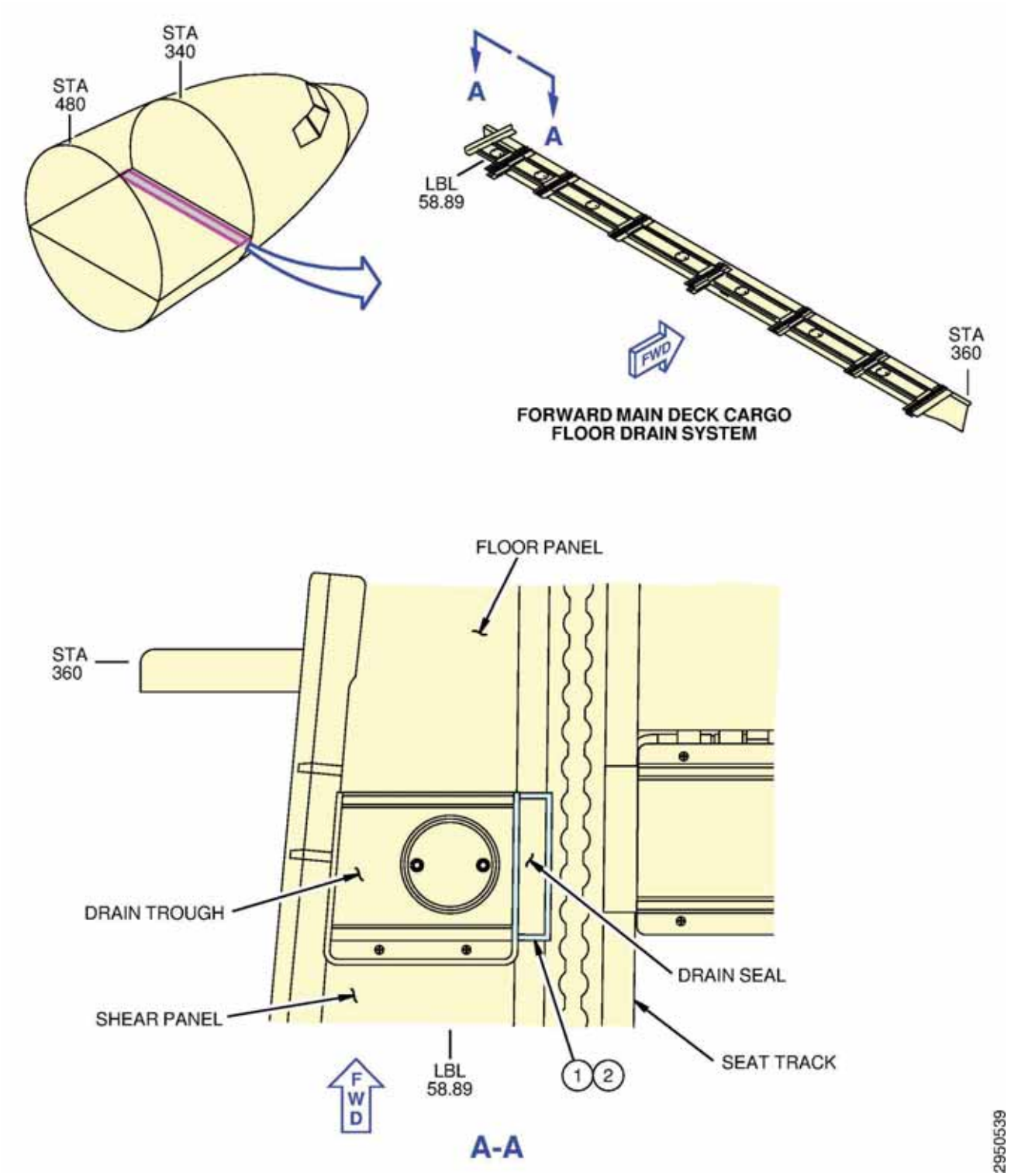


FIGURE 12: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSTALLATION
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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Clean	DRAIN SEAL	841A7801-100	1	(a)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(c)(d)

(a) Solvent clean drain seal. Refer to SOPM 20-30-03 as an accepted procedure.

(b) Align the forward edge of the drain seal with the forward rib of the drain trough.

(c) Apply a fillet seal on the drain seal edge, and adjacent seat track edge. Refer to SOPM 20-50-19 as an accepted procedure.

(d) Make sure that the sealant has cured before connecting the drain trough drain lines.

FIGURE 12: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT INSTALLATION
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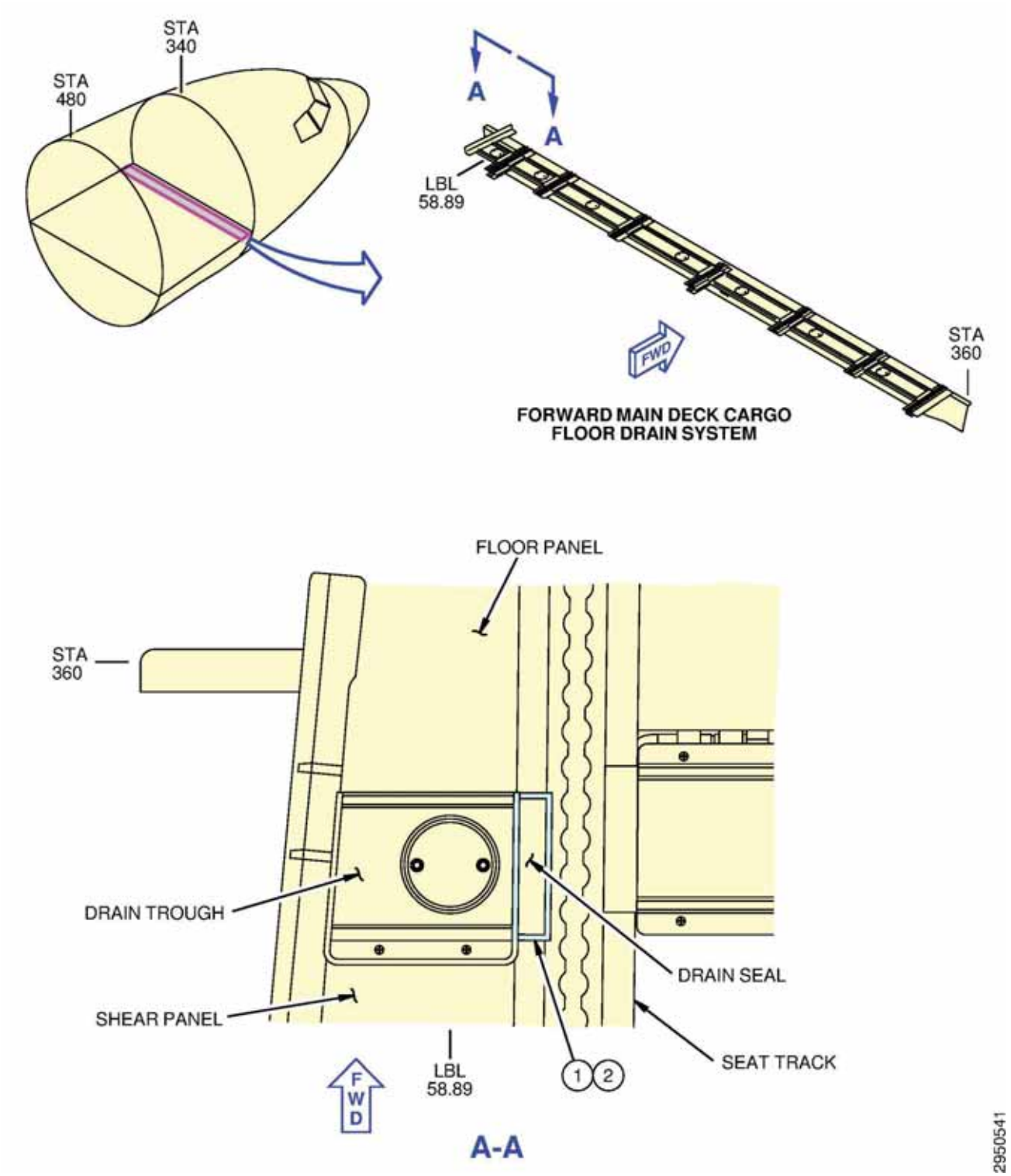


FIGURE 13: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT REPLACEMENT
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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Remove / Keep	DRAIN SEAL	841A7801-100	1	(a)
	Clean	DRAIN SEAL	841A7801-100	1	(b)
2	Install (Kept)	DRAIN SEAL	841A7801-100	1	(c)
	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(d)(e)

(a)	Carefully peel off the drain seal from the seat track.
(b)	Solvent clean to remove sealant from the drain seal edge and adjacent seat track edge. Refer to SOPM 20-30-03 as an accepted procedure.
(c)	Align the forward edge of the drain seal with the forward rib of the drain trough.
(d)	Apply a fillet seal on the drain seal edge and adjacent seat track edge. Refer to SOPM 20-50-19 as an accepted procedure.
(e)	Make sure that the sealant has cured before the moisture barrier tape is installed.

FIGURE 13: MAIN DECK CARGO COMPARTMENT FLOOR - DRAIN SEAL AT STA 360, LBL 58.89 - SEALANT REPLACEMENT
(SHEET 2 OF 2)

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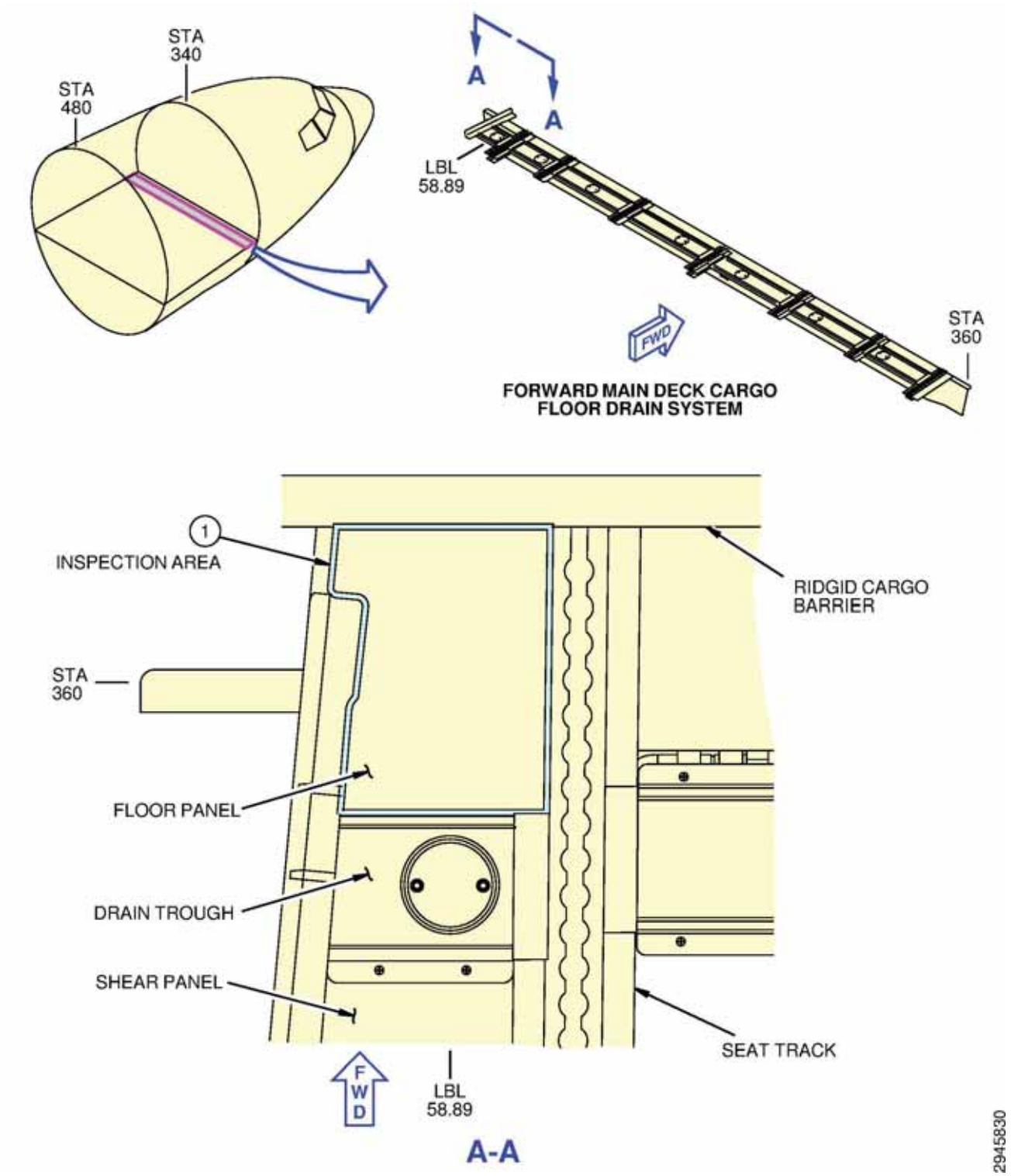


FIGURE 14: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - INSPECTION (SHEET 1 OF 2)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	FLOOR PANEL	814A1581-7	1	(a)
(a) Do a detailed inspection of the floor panel joints for missing sealant.					

FIGURE 14: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - INSPECTION (SHEET 2 OF 2)

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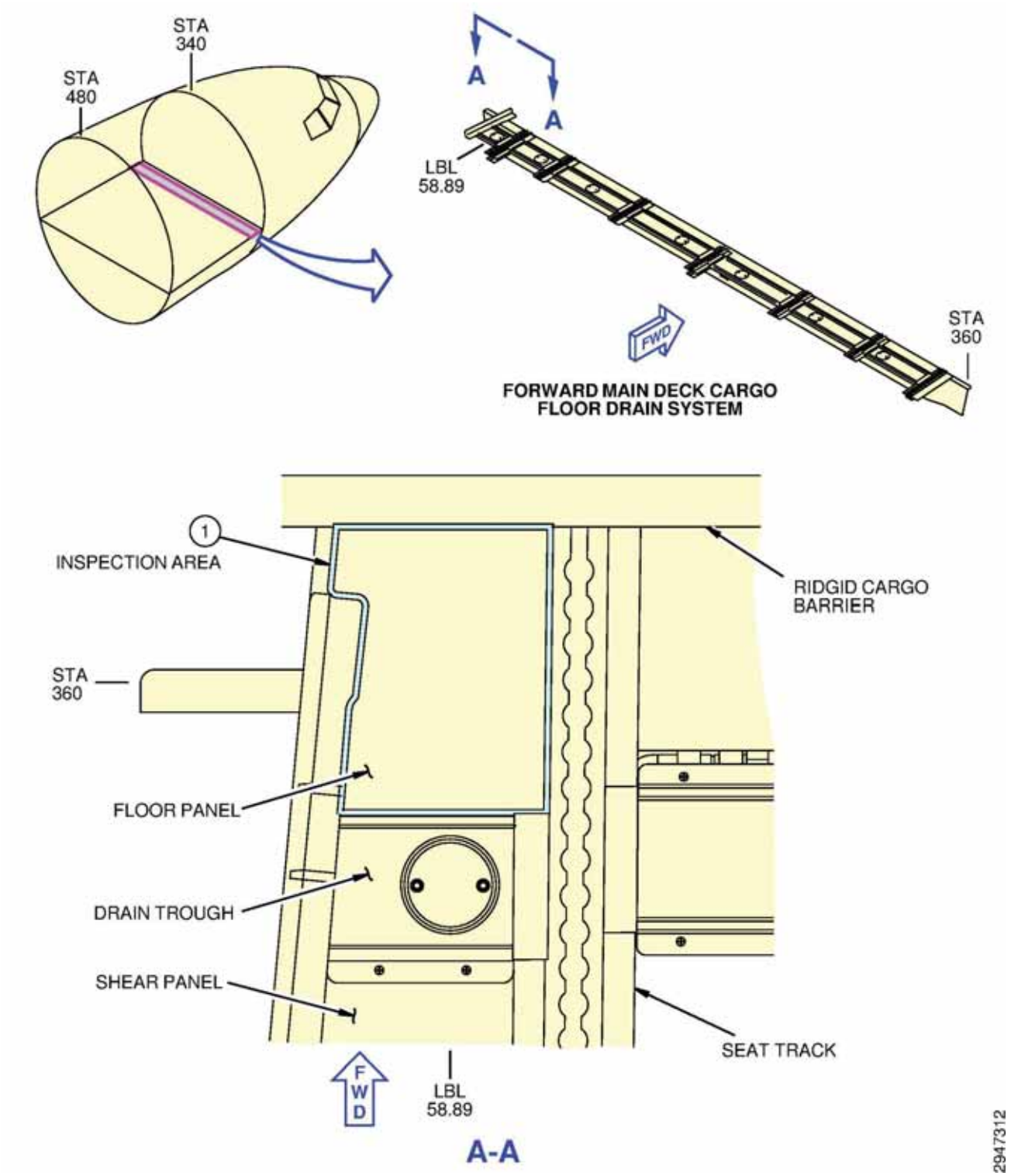


FIGURE 15: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - INSPECTION (SHEET 1 OF 2)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	FLOOR PANEL	814A1581-7	1	(a)
(a) Do a detailed inspection of the sealant at the floor panel joints.					

FIGURE 15: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - INSPECTION (SHEET 2 OF 2)

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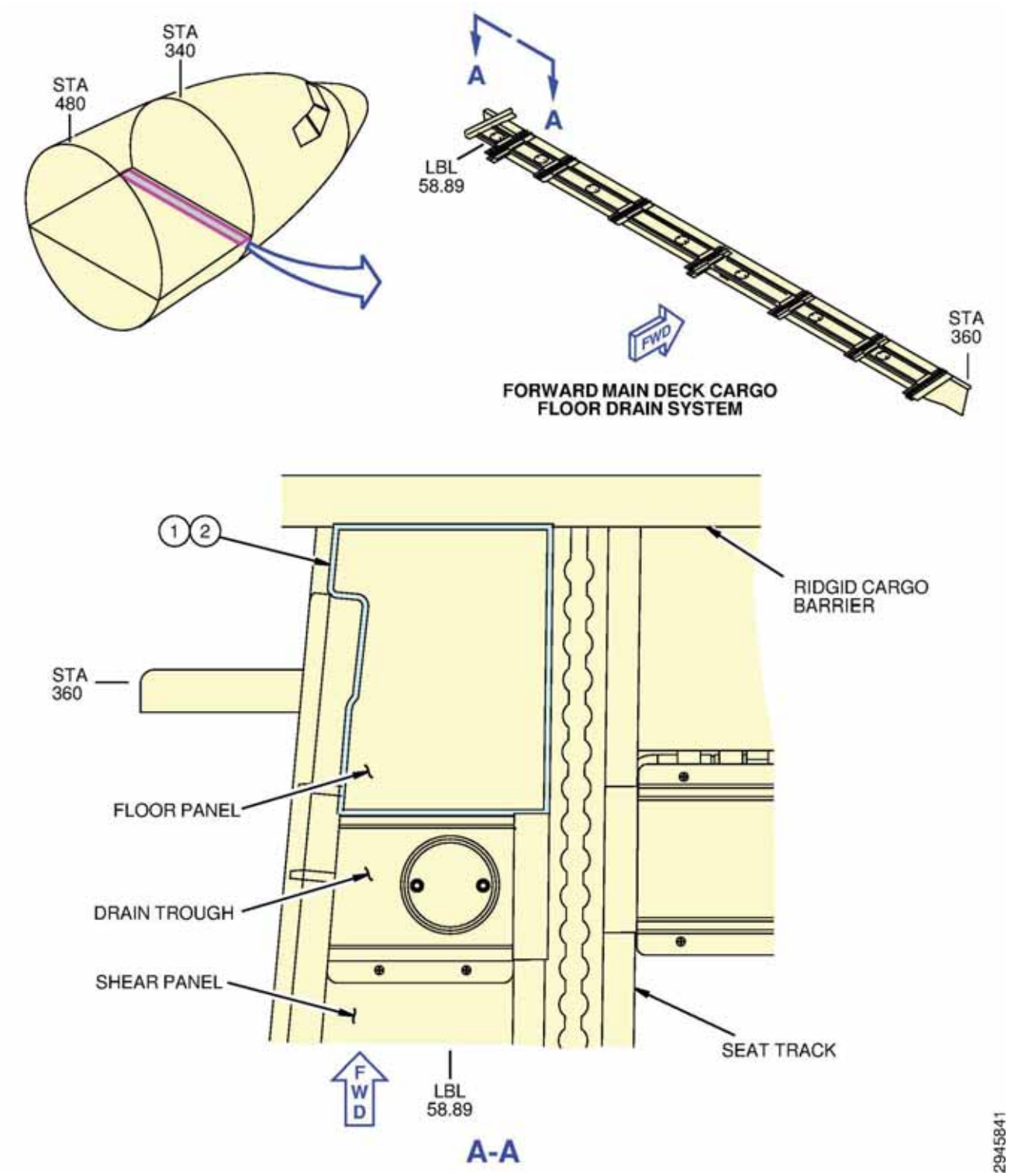


FIGURE 16: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - SEALANT INSTALLATION (SHEET 1 OF 2)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Clean	FLOOR PANEL	814A1581-7	1	(a)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(c)
(a) Solvent clean floor panel joints. Refer to SOPM 20-30-03 as an accepted procedure.					
(b) Apply sealant between the floor panel joints and adjacent structure. Refer to SOPM 20-50-19 as an accepted procedure.					
(c) Make sure that the sealant has cured before the moisture barrier tape is installed.					

FIGURE 16: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - SEALANT INSTALLATION (SHEET 2 OF 2)

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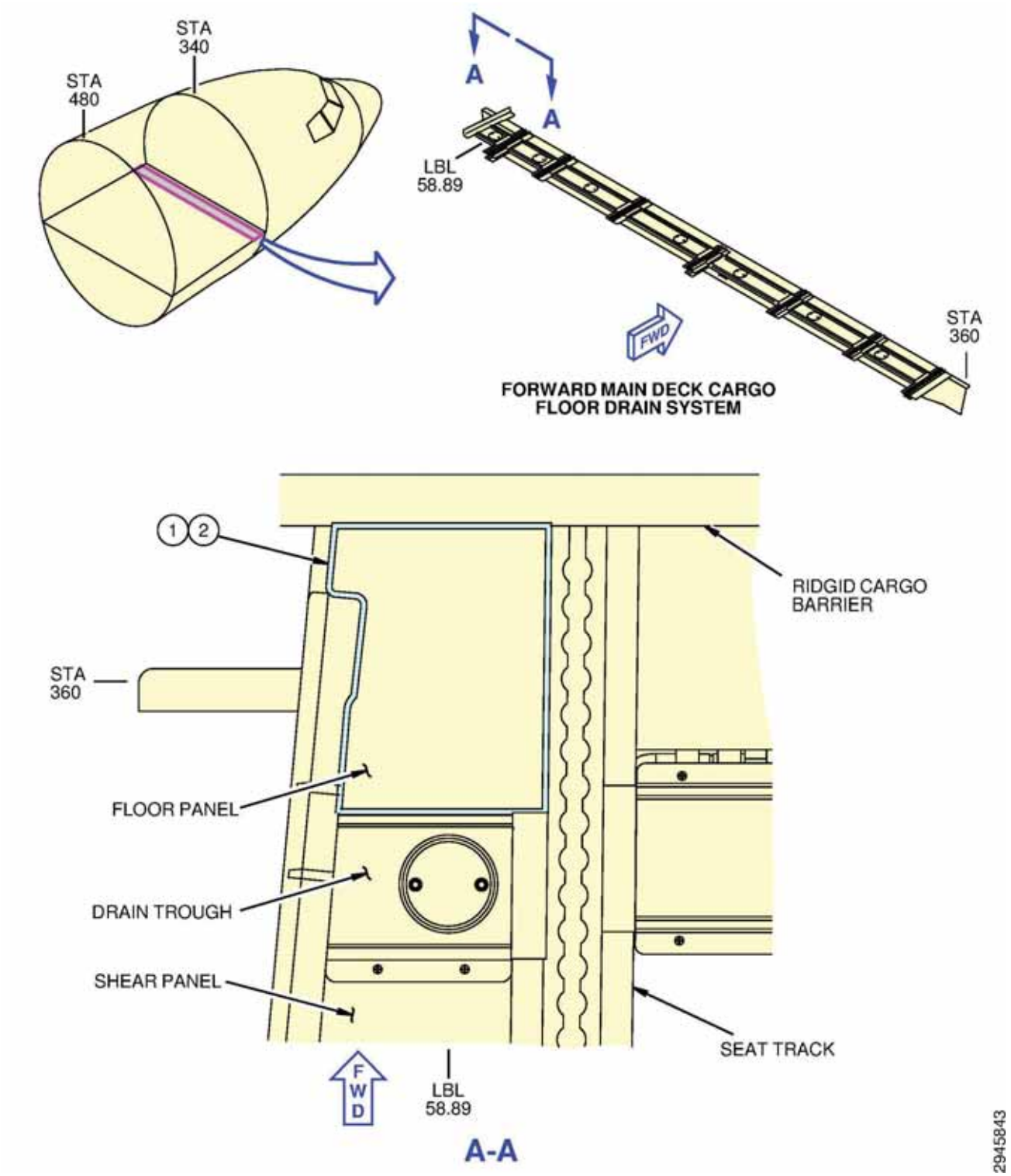


FIGURE 17: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - SEALANT REPLACEMENT (SHEET 1 OF 2)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SEALANT	-	-	(a)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(c)
(a) Remove sealant from the floor panel joints. Solvent clean. Refer to SOPM 20-30-03 as an accepted procedure.					
(b) Apply sealant between the floor panel joints and adjacent structure. Refer to SOPM 20-50-19 as an accepted procedure.					
(c) Make sure that the sealant has cured before the moisture barrier tape is installed.					

FIGURE 17: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANEL AT STA 354, LBL 58.7 ADJACENT TO RCB - SEALANT REPLACEMENT (SHEET 2 OF 2)

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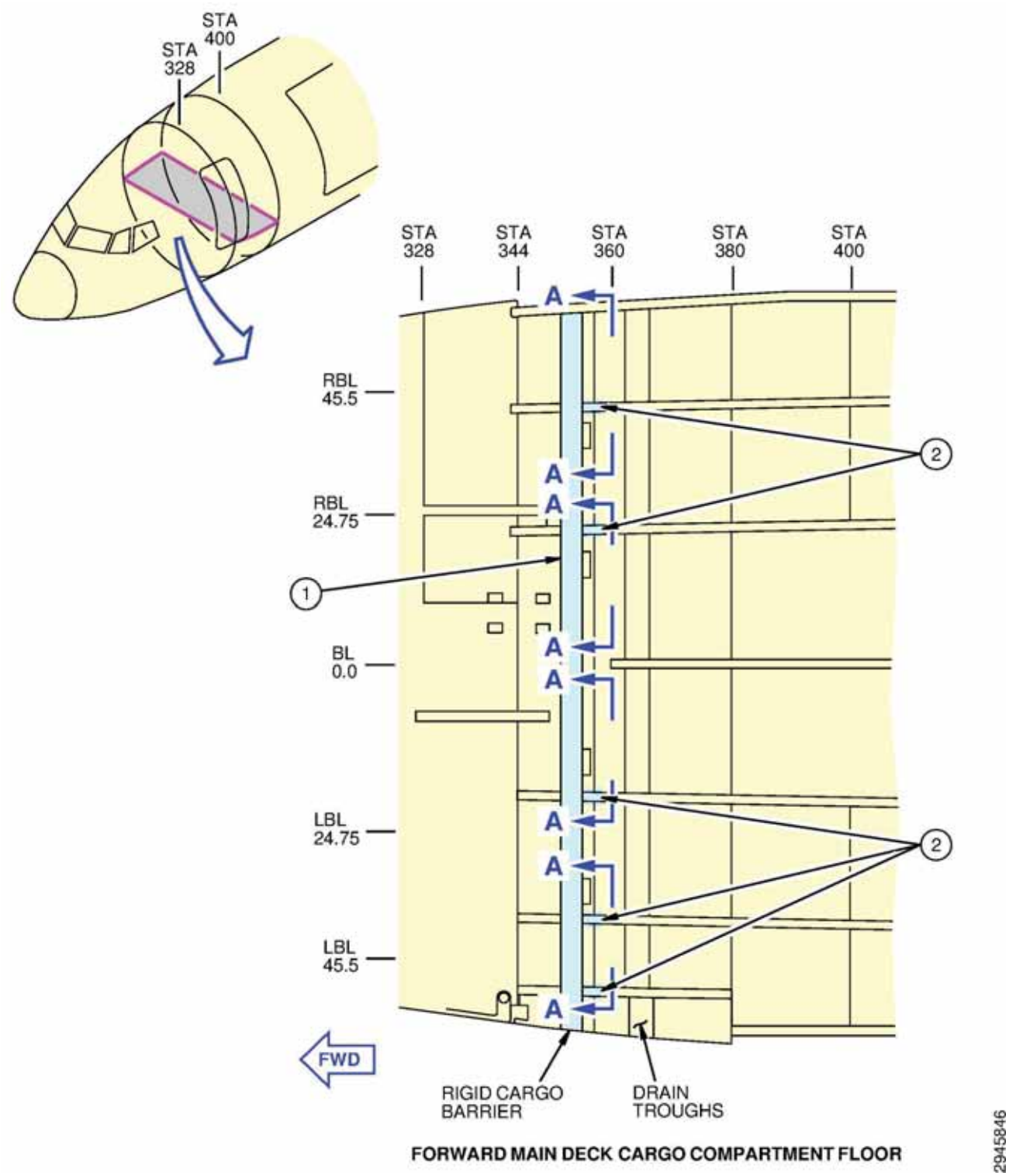


FIGURE 19: MAIN DECK CARGO COMPARTMENT FLOOR - RIGID CARGO BARRIER AND ADJACENT FLOOR STRUCTURE - SEALANT INSTALLATION (SHEET 1 OF 4)

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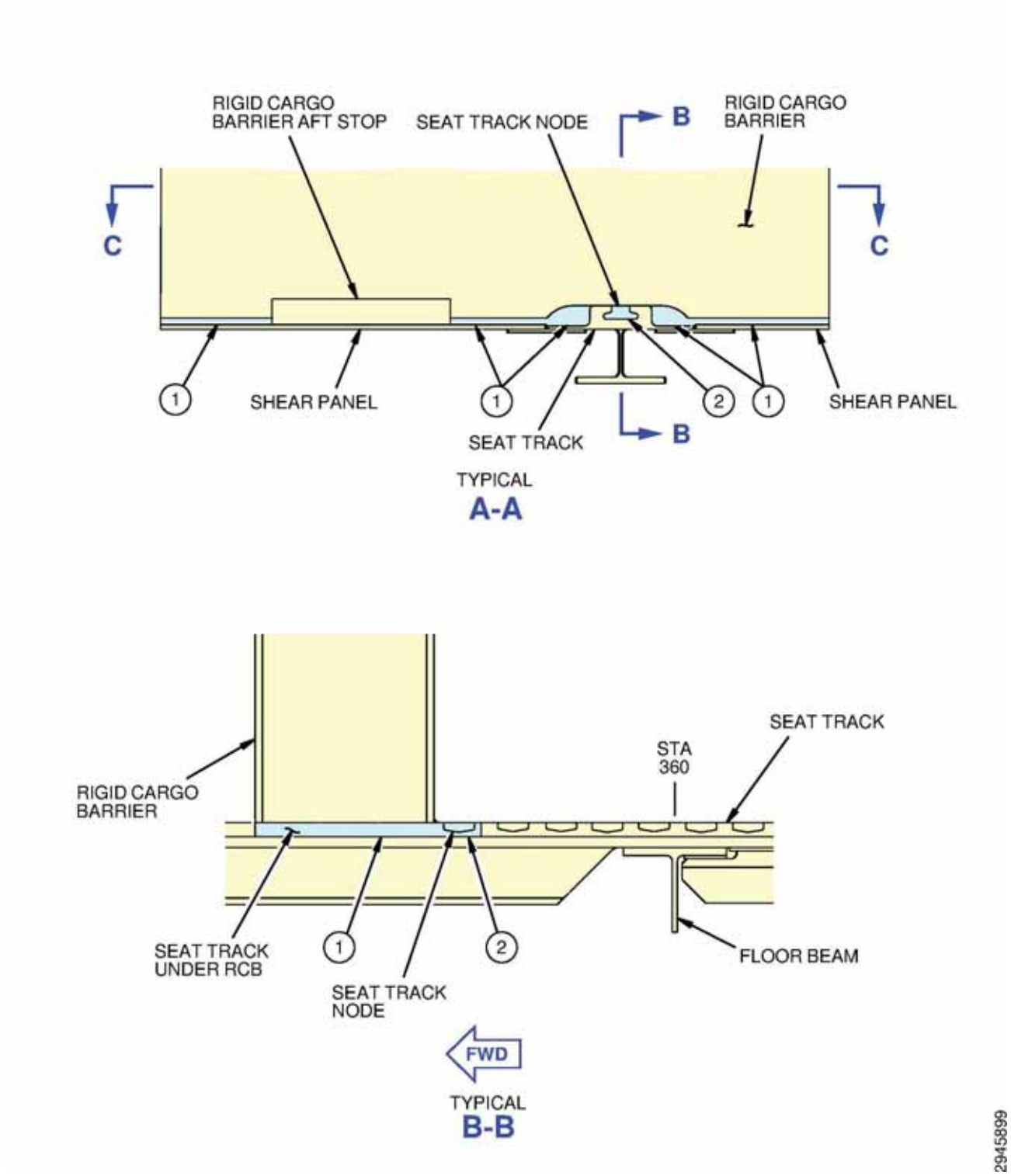


FIGURE 19: MAIN DECK CARGO COMPARTMENT FLOOR - RIGID CARGO BARRIER AND ADJACENT FLOOR STRUCTURE - SEALANT INSTALLATION (SHEET 2 OF 4)

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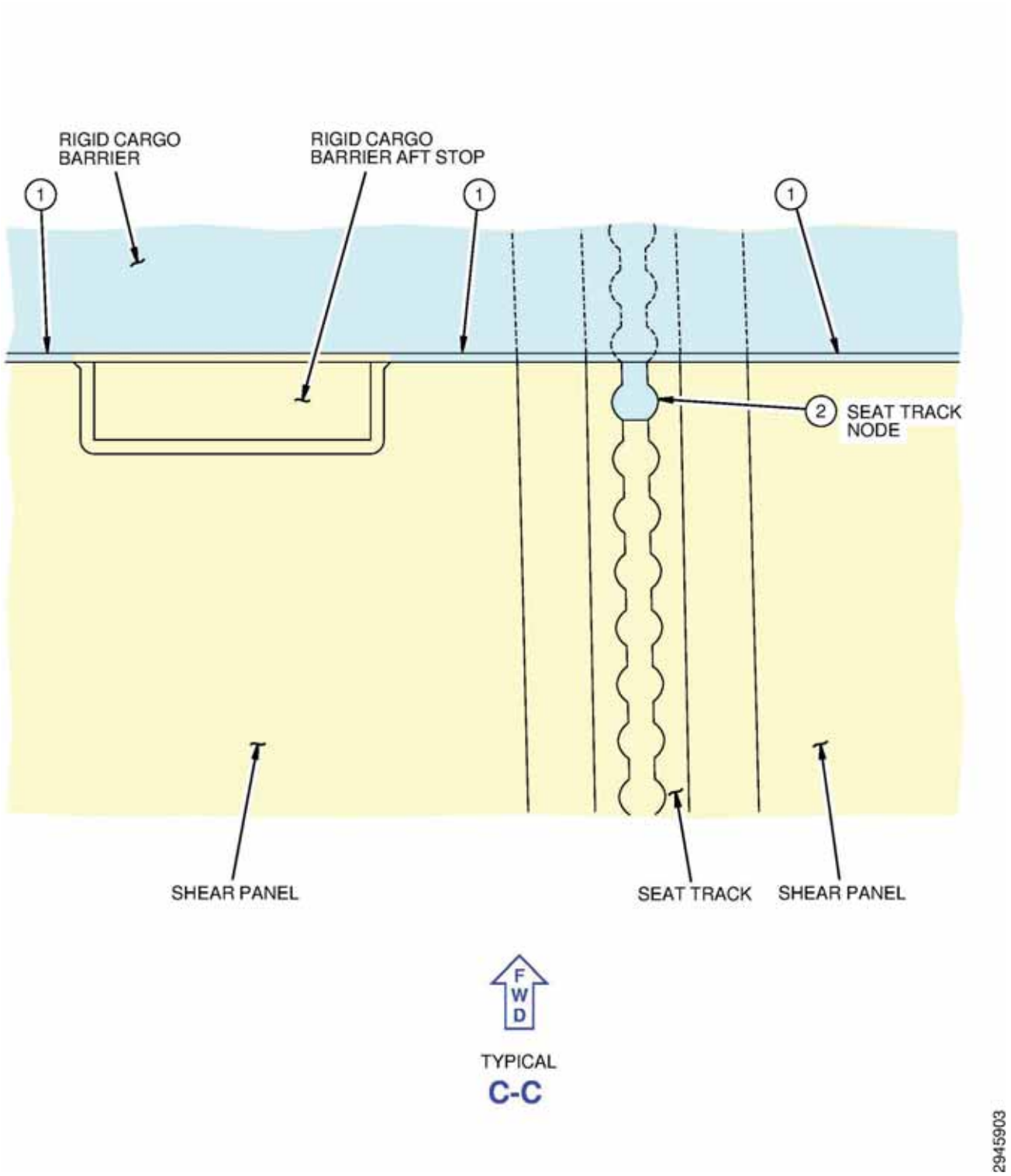


FIGURE 19: MAIN DECK CARGO COMPARTMENT FLOOR - RIGID CARGO BARRIER AND ADJACENT FLOOR STRUCTURE - SEALANT INSTALLATION (SHEET 3 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(a)(b)(d)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(a)(c)(d)

(a) Make sure the bottom surface of the RCB, seat tracks, and adjacent structure up to the drain trough location and are clean, dry, and free of debris. Solvent clean the bottom surface of the RCB, seat tracks, and adjacent structure. Refer to SOPM 20-30-03 as an accepted procedure.

(b) Apply sealant into all gaps and mouse holes between the RCB bottom surface and adjacent floor structure, until flush with the aft face of the RCB. Refer to SOPM 20-50-19 as an accepted procedure.

(c) Apply sealant into the seat track channel up to the first seat track node. Refer to SOPM 20-50-19 as an accepted procedure.

(d) Make sure that the sealant has cured before the moisture barrier tape is installed. The moisture barrier tape is installed in another figure.

FIGURE 19: MAIN DECK CARGO COMPARTMENT FLOOR - RIGID CARGO BARRIER AND ADJACENT FLOOR STRUCTURE - SEALANT INSTALLATION (SHEET 4 OF 4)

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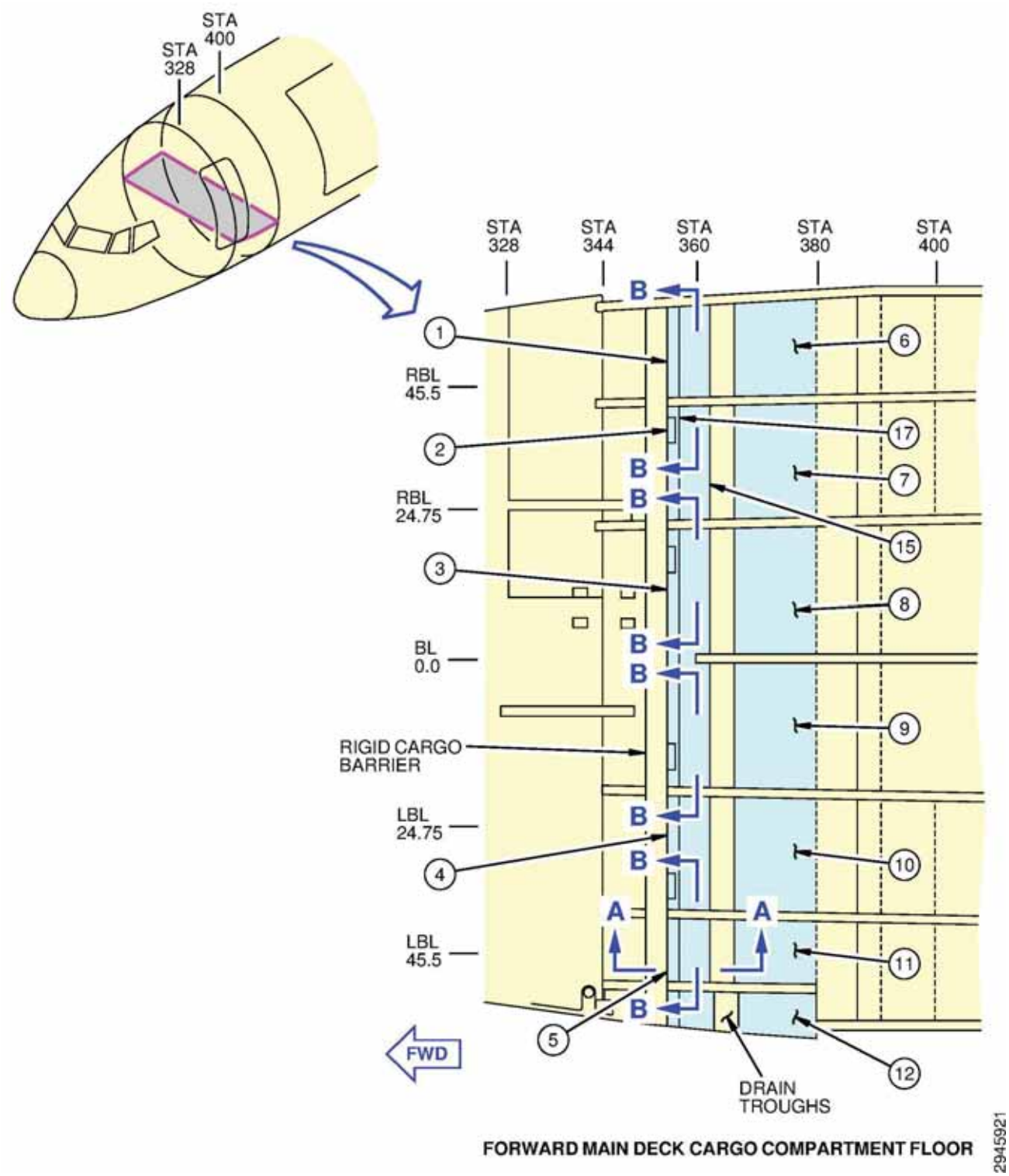


FIGURE 20: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANELS AND MOISTURE BARRIER TAPE INSTALLATION
(SHEET 1 OF 5)

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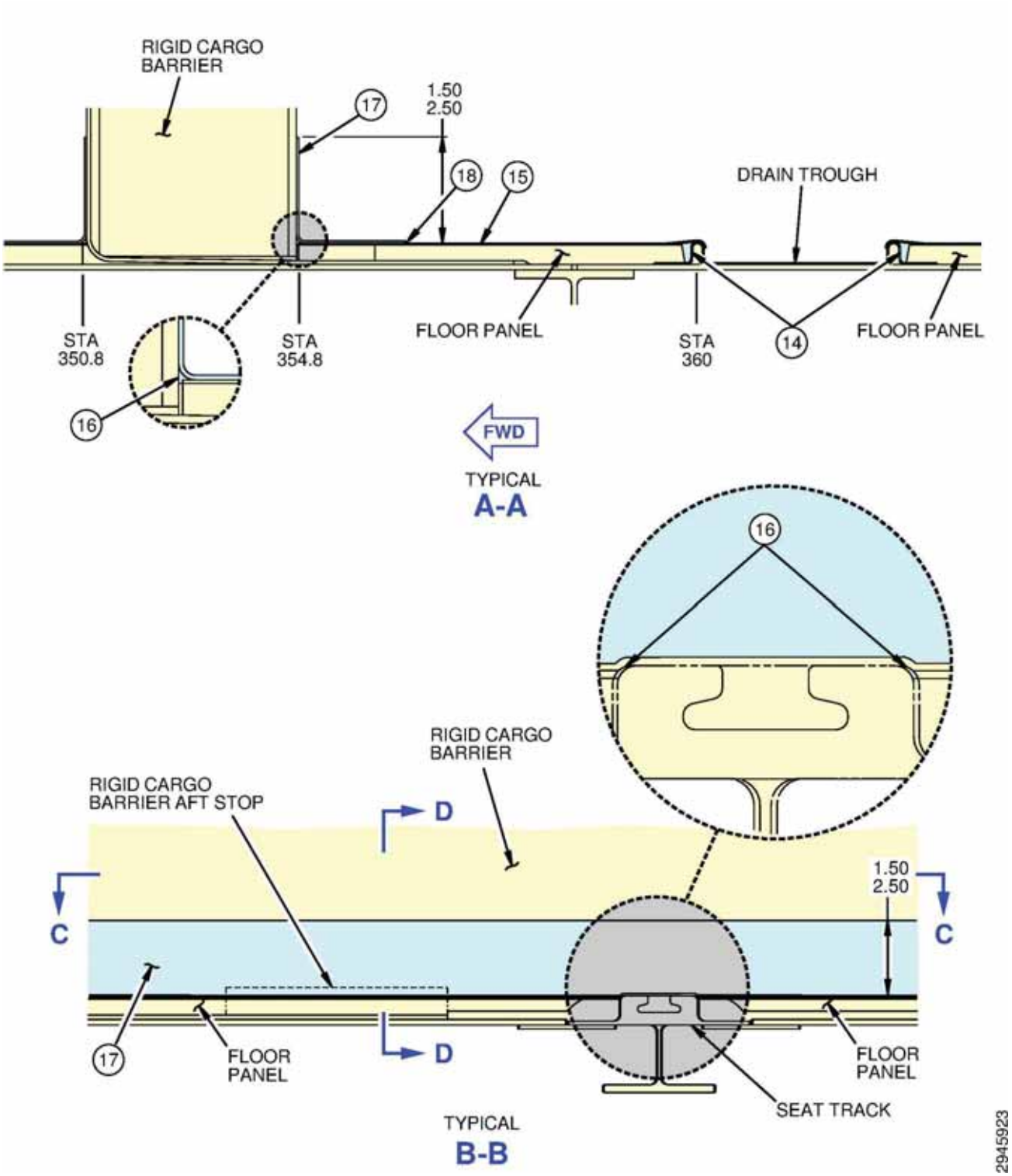


FIGURE 20: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANELS AND MOISTURE BARRIER TAPE INSTALLATION
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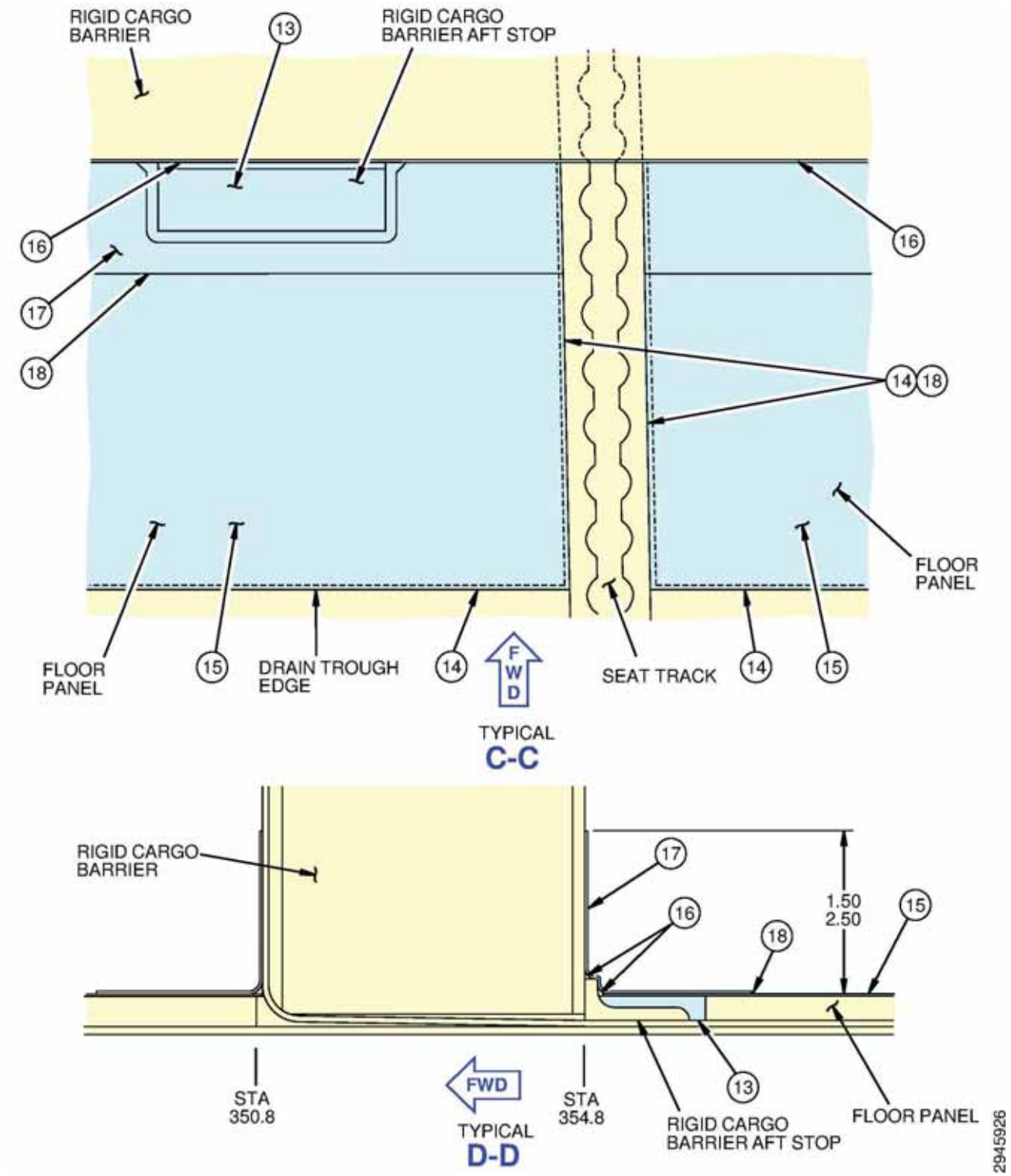


FIGURE 20: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANELS AND MOISTURE BARRIER TAPE INSTALLATION
(SHEET 3 OF 5)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Install (Kept)	FLOOR PANEL	814A1581-26	1	(a)
2	Install (Kept)	FLOOR PANEL	814A1581-24	1	(a)
3	Install (Kept)	FLOOR PANEL	814A1581-22	1	(a)
4	Install (Kept)	FLOOR PANEL	814A1581-23	1	(a)
5	Install (Kept)	FLOOR PANEL	814A1581-25	1	(a)
6	Install (Kept)	FLOOR PANEL	814A1581-14	1	(a)
7	Install (Kept)	FLOOR PANEL	814A1581-12	1	(a)
8	Install (Kept)	FLOOR PANEL	814A1581-10	1	(a)
9	Install (Kept)	FLOOR PANEL	814A1581-9	1	(a)
10	Install (Kept)	FLOOR PANEL	814A1581-11	1	(a)
11	Install (Kept)	FLOOR PANEL	814A1581-13	1	(a)
12	Install (Kept)	FLOOR PANEL	814A1581-21	1	(a)
13	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(k)
14	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(c)(k)
15	Install (New)	MOISTURE BARRIER TAPE	BMS8-346, CLASS IV, TYPE II (3M, 8663DL optional)	-	(d)(e)
16	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(f)(g)(k)
17	Install (New)	POLYURETHANE WATERSEAL TAPE	3M, 8663DL (BMS8-346 CLASS IV, TYPE II optional)	-	(h)(i)

FIGURE 20: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANELS AND MOISTURE BARRIER TAPE INSTALLATION
(SHEET 4 OF 5)

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Step	Task	Name	Identification	Qty	More Data
18	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(j)(k)
(a) Refer to 737-600/700/800/900 AMM 53-21-00 as an accepted procedure.					
(b) Apply sealant into the RCB aft stop locations, flush to the top surface of the adjacent floor panels. Refer to SOPM 20-50-19 as an accepted procedure.					
(c) Apply sealant between the floor panel joints, between floor panel joints and seat tracks, between the floor panel joints and the drain troughs, and between floor panel joints and all other adjacent floor structure. Refer to 737-600/700/800/900 AMM 53-21-00 and SOPM 20-50-19 as accepted procedures.					
(d) Make sure that the floor panel surfaces are clean, dry, and free of debris. Solvent clean the floor panel surfaces. Refer to SOPM 20-30-03 as an accepted procedure.					
(e) Install the tape on the floor panels and cut the tape against the radius of the seat track crown. Refer to 737-600/700/800/900 AMM 53-21-00 as an accepted procedure.					
(f) Apply a fillet seal on the RCB aft stops and between the RCB and the tape edge. Refer to SOPM 20-50-19 as an accepted procedure.					
(g) Apply a fillet seal between the moisture barrier tape edges and the adjacent seat track edges. Refer to SOPM 20-50-19 as an accepted procedure.					
(h) Install the tape between the RCB and the adjacent floor.					
(i) Temporarily install the cargo handling system forward stops and cut the tape flush with the cargo handling system forward stops.					
(j) Apply a fillet seal on the waterseal tape edge. Refer to SOPM 20-50-19 as an accepted procedure.					
(k) Allow sealant to cure.					

FIGURE 20: MAIN DECK CARGO COMPARTMENT FLOOR - FLOOR PANELS AND MOISTURE BARRIER TAPE INSTALLATION
(SHEET 5 OF 5)

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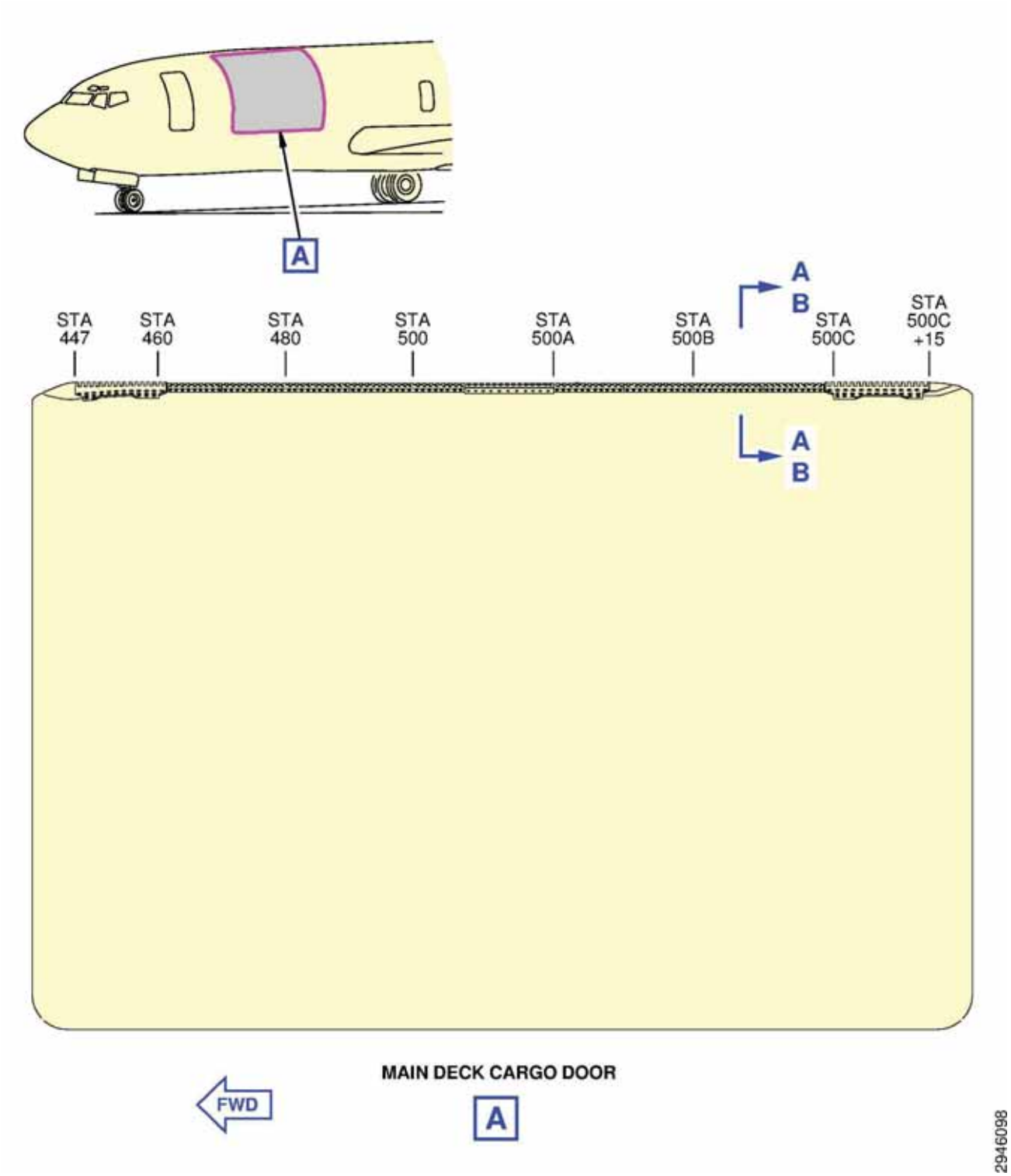


FIGURE 33: MAIN DECK CARGO COMPARTMENT DOOR - WEATHER SEAL - INSTALLATION (SHEET 1 OF 6)

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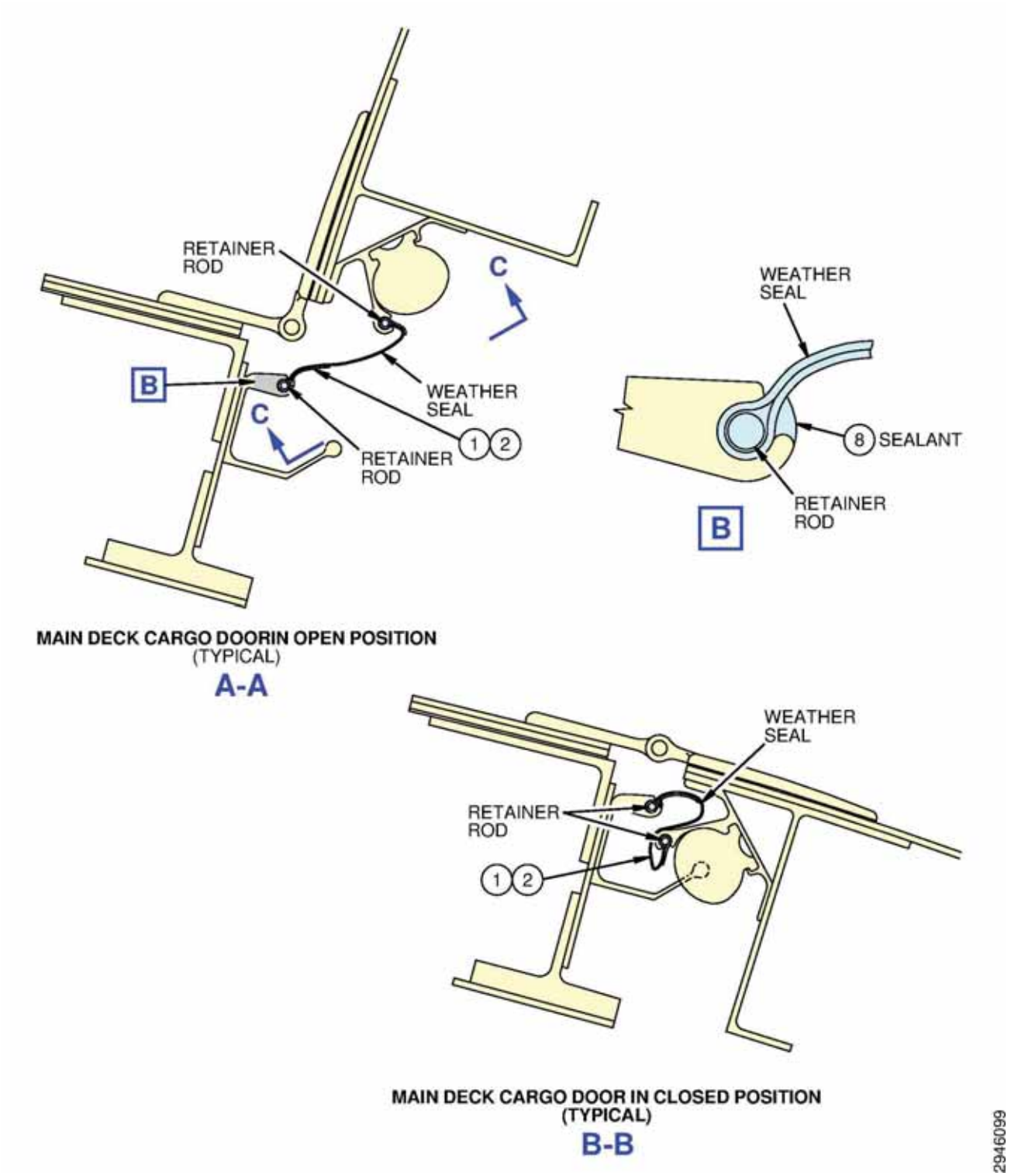


FIGURE 33: MAIN DECK CARGO COMPARTMENT DOOR - WEATHER SEAL - INSTALLATION (SHEET 2 OF 6)

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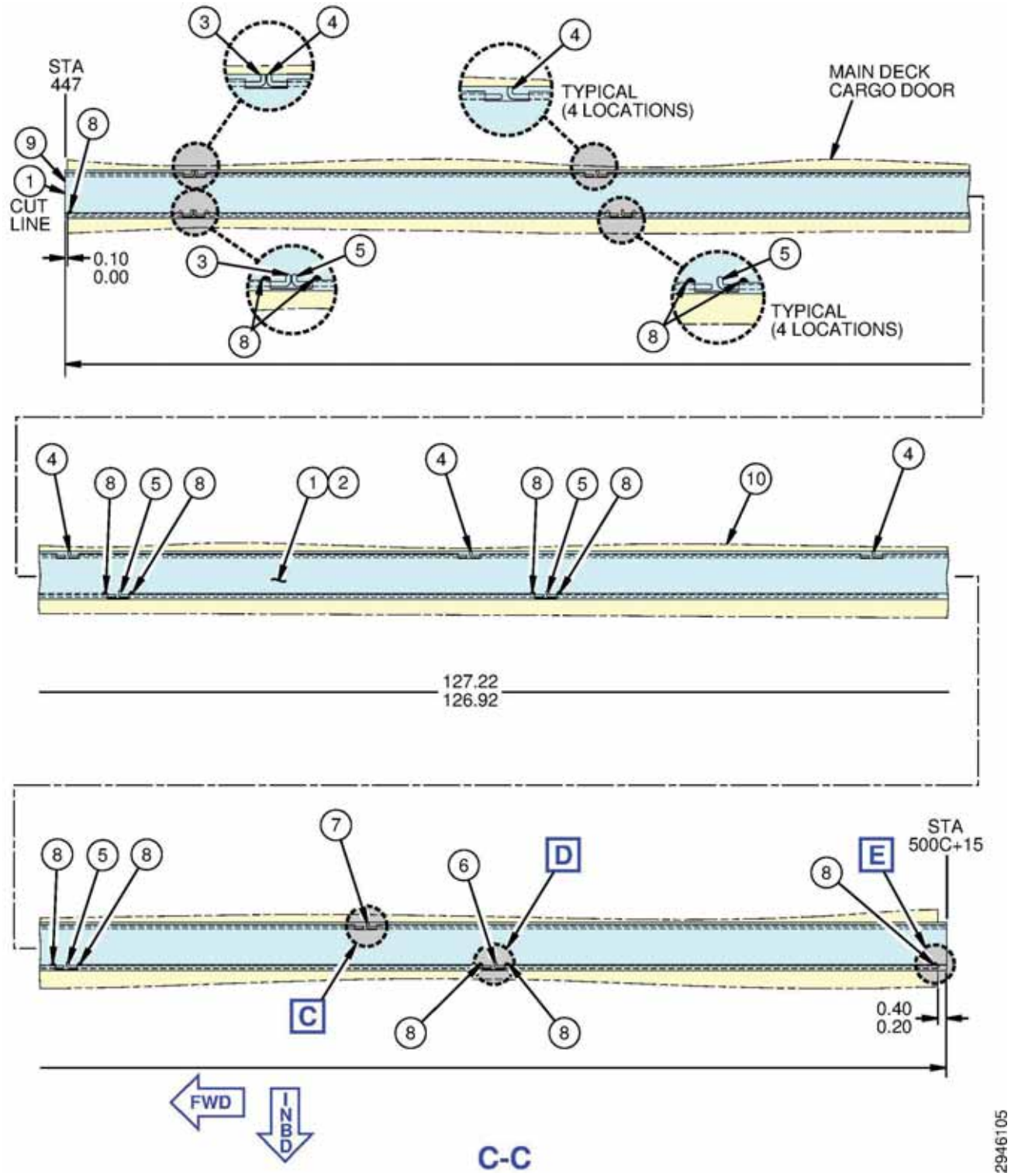


FIGURE 33: MAIN DECK CARGO COMPARTMENT DOOR - WEATHER SEAL - INSTALLATION (SHEET 3 OF 6)

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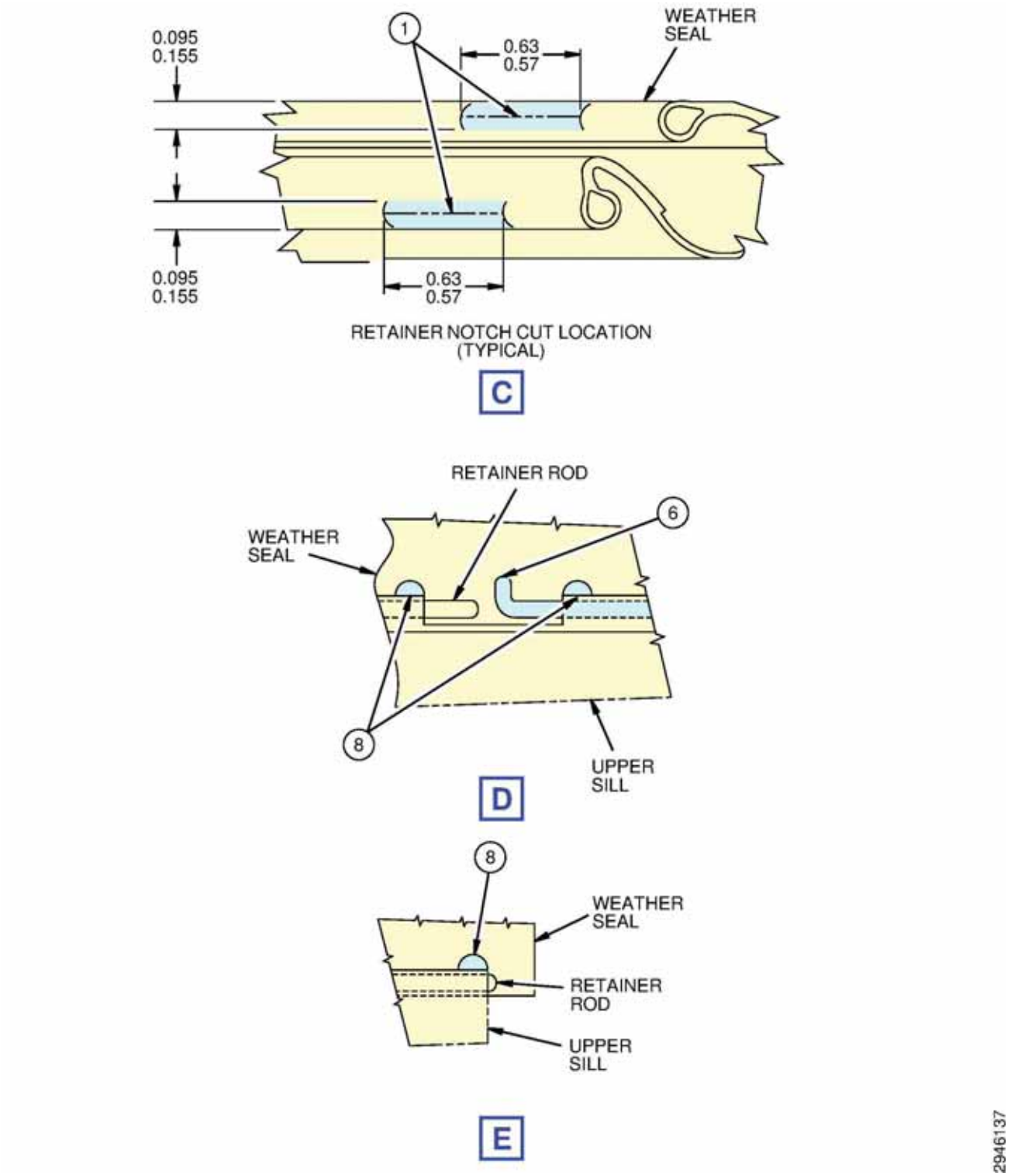


FIGURE 33: MAIN DECK CARGO COMPARTMENT DOOR - WEATHER SEAL - INSTALLATION (SHEET 4 OF 6)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Install (Temporary)	SEAL-WEATHER	142A0612-3	-	(a)
	Cut	SEAL-WEATHER	142A0612-3	-	(b)
	Cut	SEAL-WEATHER	142A0612-3	-	(c)
2	Install (New)	SEAL-WEATHER	142A0612-3	1	(d)(e)
3	Install (New)	ROD - WEATHER SEAL RETAINER, MDCD	814A2612-1	2	
4	Install (New)	ROD - WEATHER SEAL RETAINER, MDCD	814A2612-2	5	
5	Install (New)	ROD - WEATHER SEAL RETAINER, MDCD	814A2612-3	5	
6	Install (New)	ROD - WEATHER SEAL RETAINER, MDCD	814A2612-4	1	
7	Install (New)	ROD - WEATHER SEAL RETAINER, MDCD	814A2612-5	1	
8	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(f)
9	Apply	ADHESIVE SILICONE RUBBER	1200 RTV (PSA-529 optional)	1	(g)(i)
10	Close	MAIN DECK CARGO DOOR	-	1	(h)

(a) Mark the position of each retainer notch location and the end of the weather seal.

(b) Cut a slit between 0.63 and 0.57 inch length in the longitudinal direction at each retainer notch location. Cut slits between 0.095 and 0.155 inch length at 90 degrees, at each end of the longitudinal slit.

(c) Cut the end of the weather seal.

(d) Make sure that the seams of the seal faces down and that the retainer channel does not contain any debris or lubricant. Solvent clean the retainer channel. Refer to SOPM 20-30-03 as an accepted procedure.

(e) Rotate the bulb edge within each retainer cavity so that the door side is extended downward in the retainer and the fuselage side is upward in the retainer.

(f) Apply a dot of sealant between 0.22 and 0.28 inch diameter. Apply sealant with the door in the open position and the weather seal is fully rotated upward in the channel. Allow the sealant to cure before closing the door.

(g) Apply adhesive to the cut threads on both sides of the weather seal. Allow adhesive to cure.

FIGURE 33: MAIN DECK CARGO COMPARTMENT DOOR - WEATHER SEAL - INSTALLATION (SHEET 5 OF 6)

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Step	Task	Name	Identification	Qty	More Data
(h)	As the door is moved to the closed position, make sure that the weather seal folds correctly and it does not get pinched between the bulb seal and the bulb seal depressor.				
(i)	Allow adhesive to cure.				

FIGURE 33: MAIN DECK CARGO COMPARTMENT DOOR - WEATHER SEAL - INSTALLATION (SHEET 6 OF 6)

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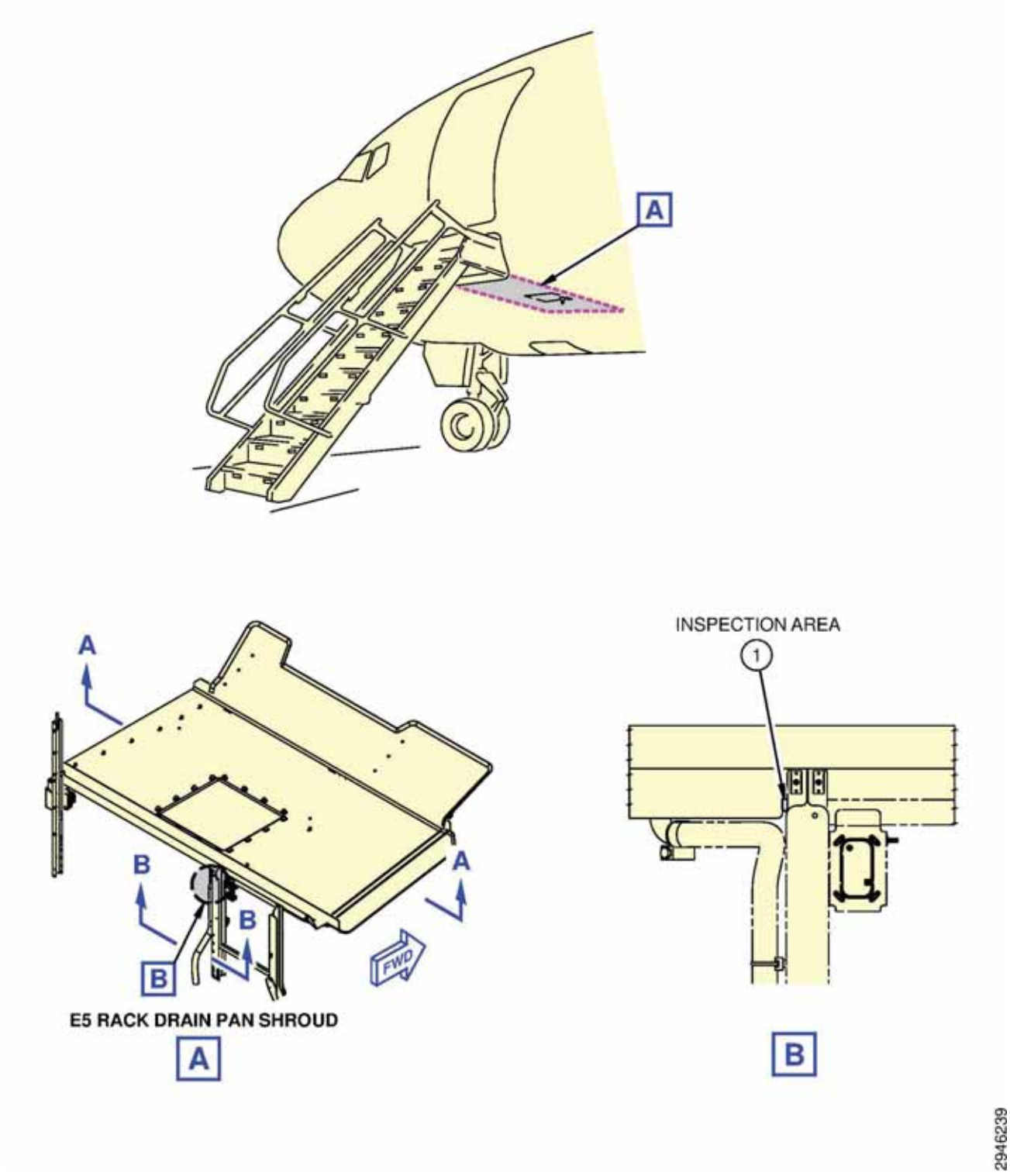


FIGURE 34: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION
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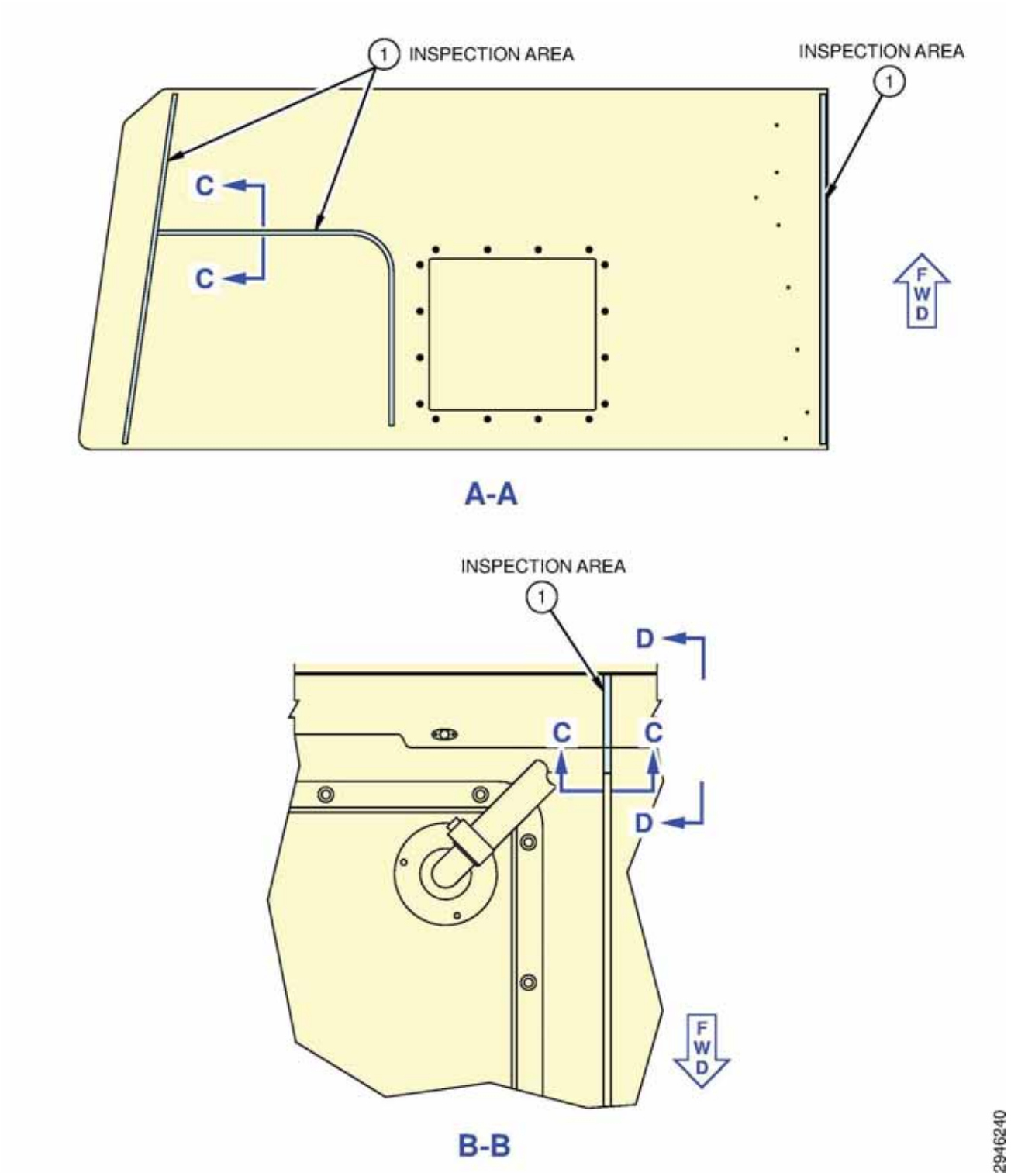


FIGURE 34: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION
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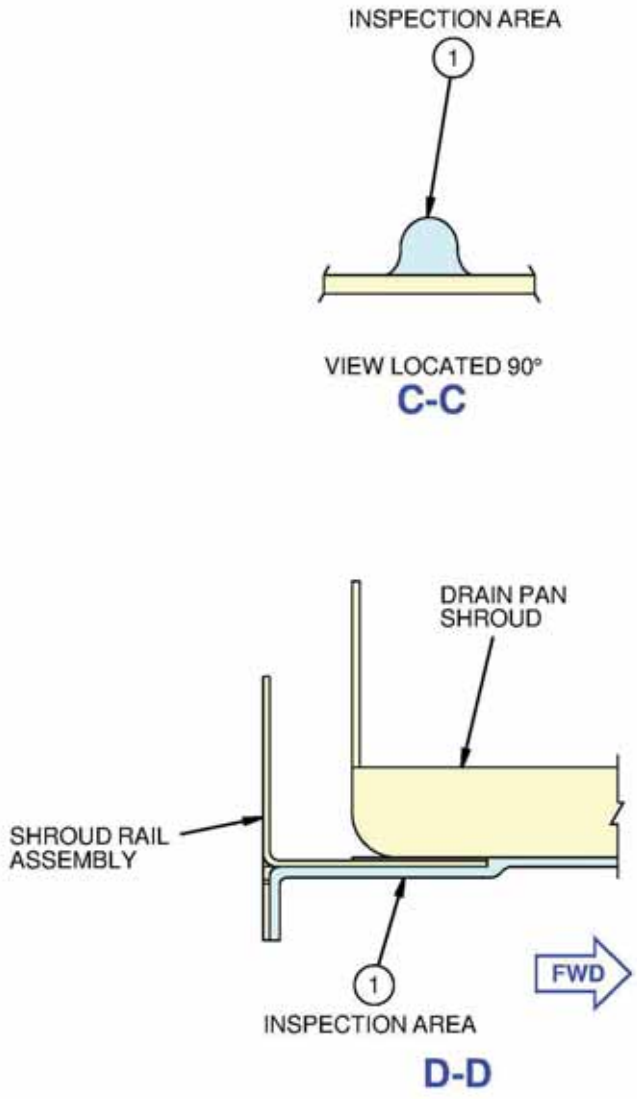


FIGURE 34: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION
(SHEET 3 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	E5 RACK DRAIN PAN SHROUD	-	-	(a)
(a) Do a detailed inspection of the E5 Rack drain pan shroud for missing sealant.					

FIGURE 34: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION (SHEET 4 OF 4)

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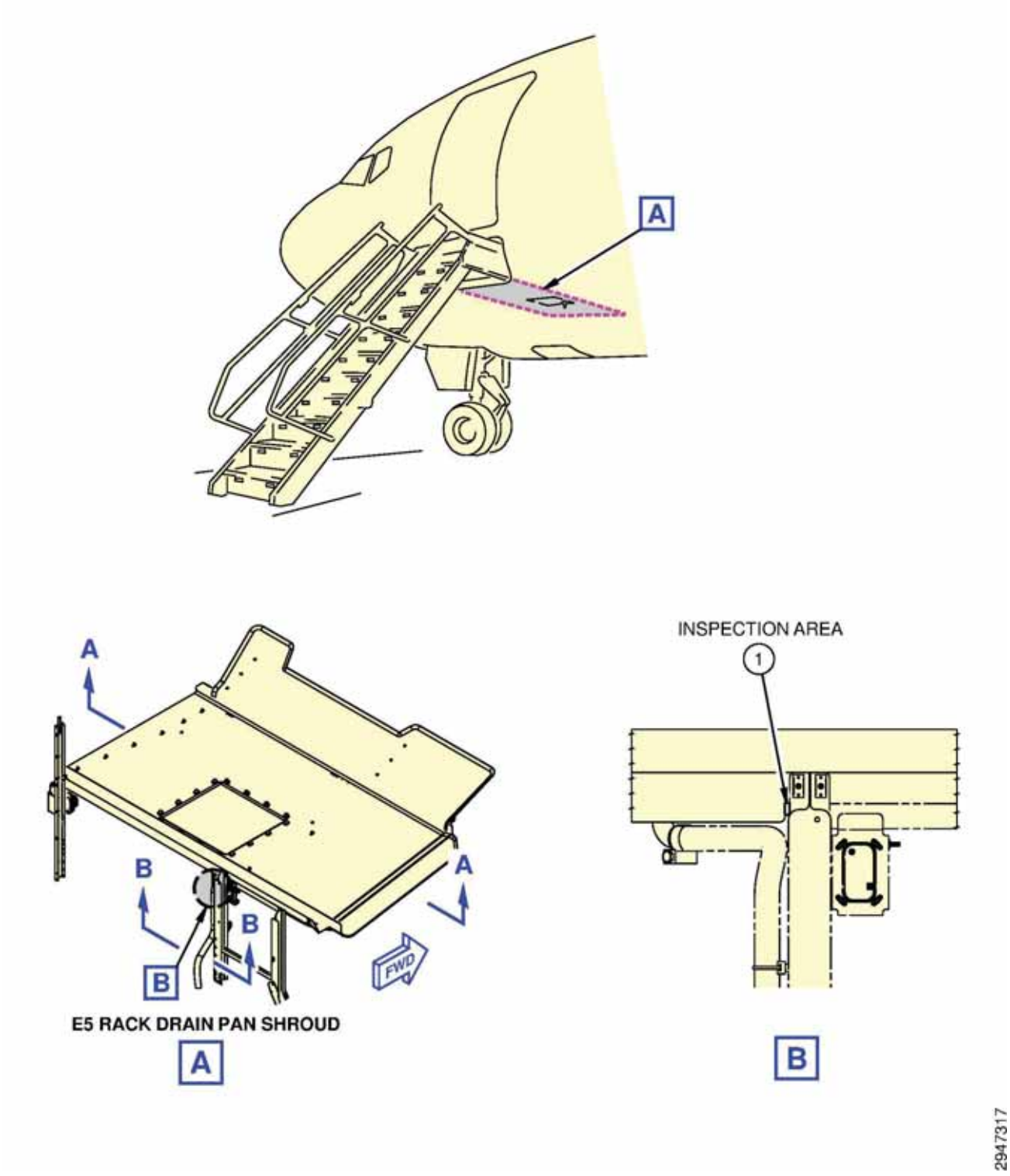


FIGURE 35: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION
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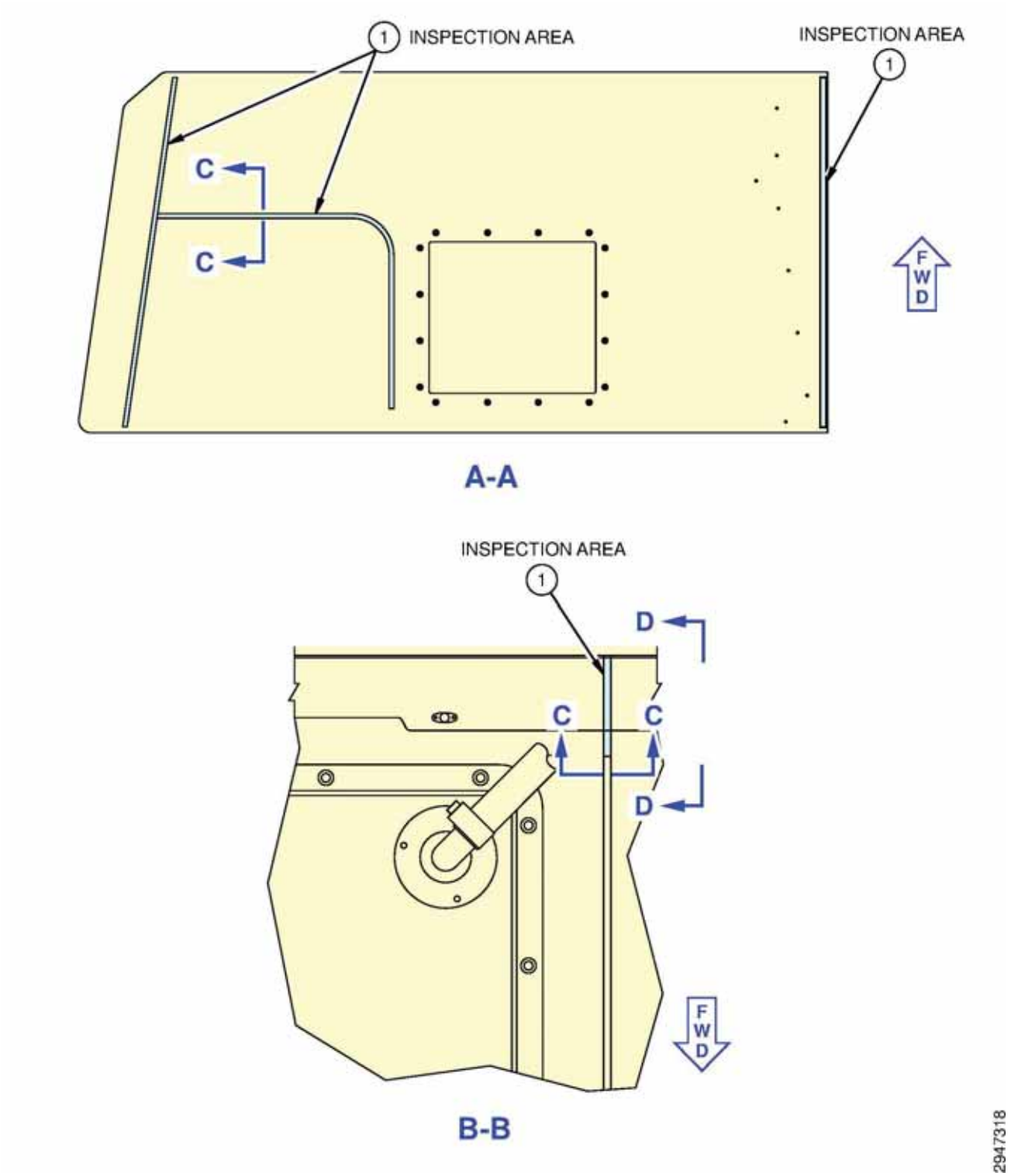


FIGURE 35: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION
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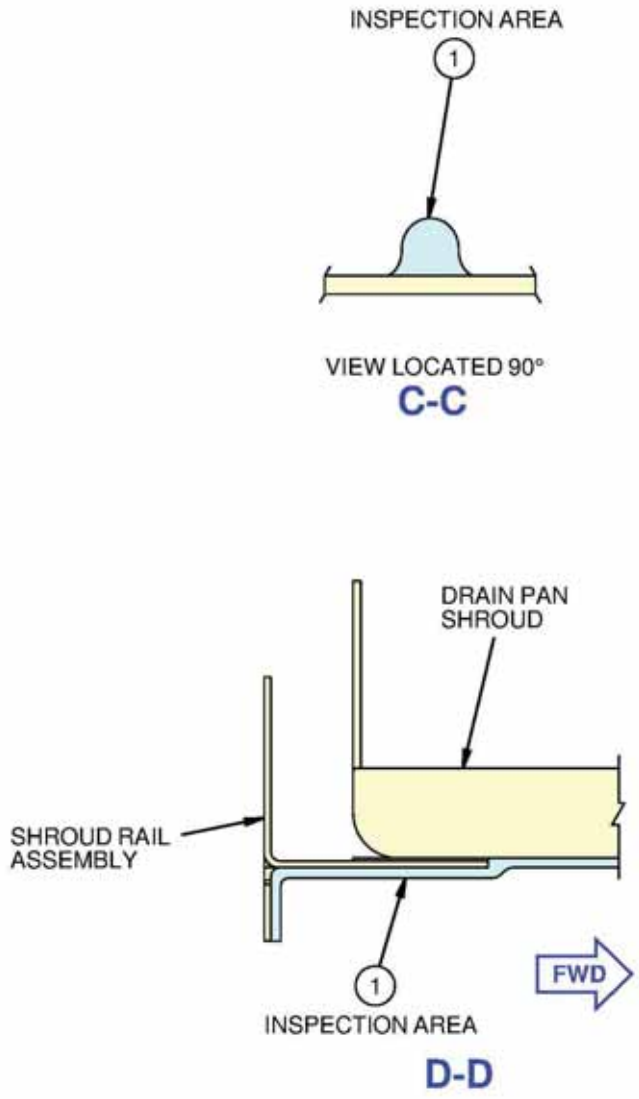


FIGURE 35: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION
(SHEET 3 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	E5 RACK DRAIN PAN SHROUD	-	-	(a)
(a) Do a detailed inspection of the sealant at the E5 Rack drain pan shroud.					

FIGURE 35: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSPECTION
(SHEET 4 OF 4)

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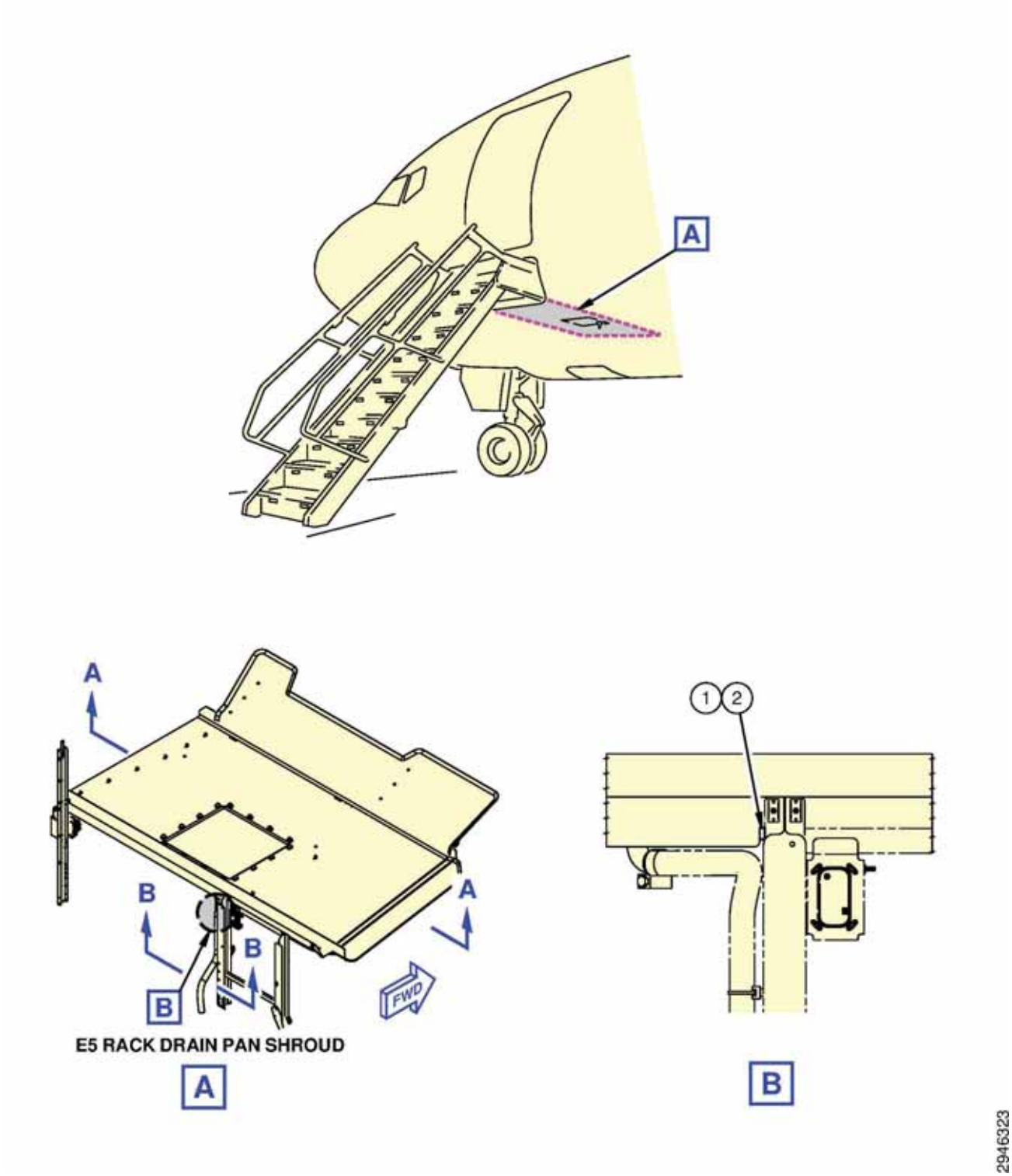


FIGURE 36: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSTALLATION
(SHEET 1 OF 4)

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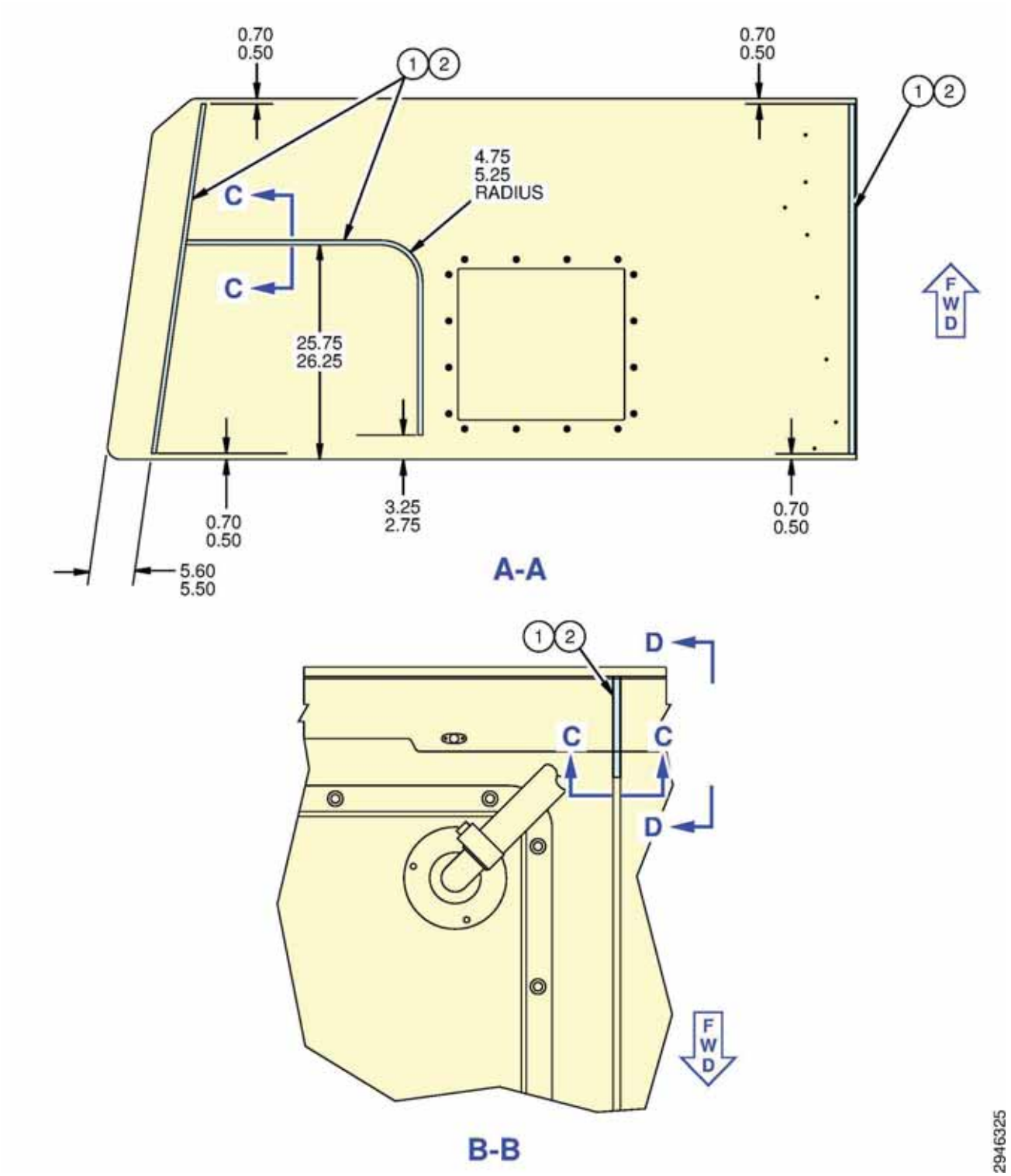


FIGURE 36: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSTALLATION
(SHEET 2 OF 4)

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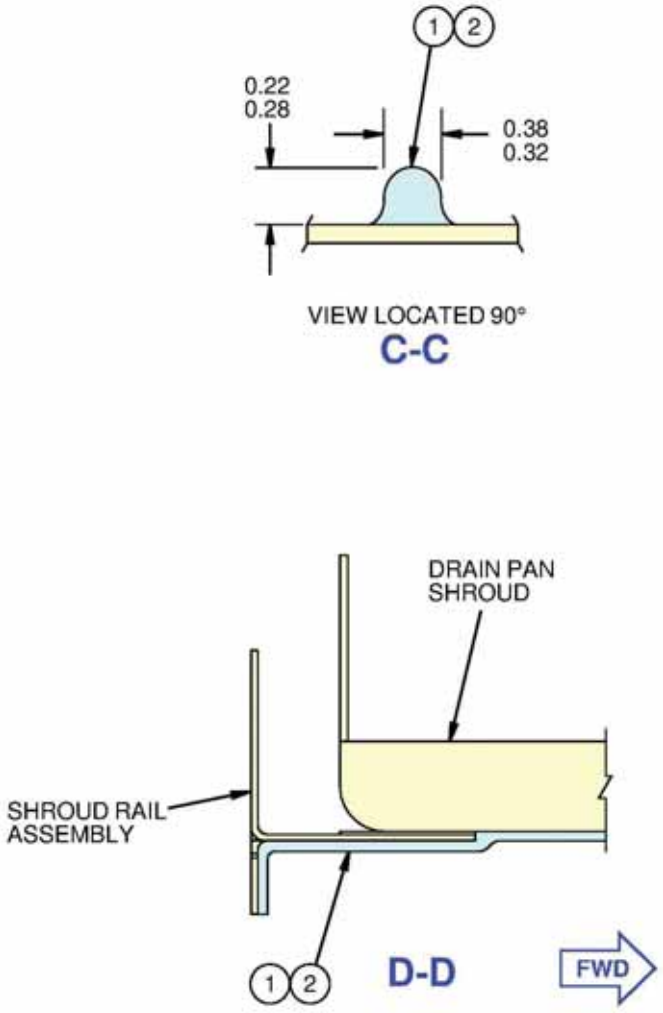


FIGURE 36: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSTALLATION
(SHEET 3 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Clean	E5 RACK DRAIN PAN SHROUD	-	-	(a)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(c)
(a) Solvent clean the drain pan shroud. Refer to SOPM 20-30-03 as an accepted procedure.					
(b) Apply sealant to the drain pan shroud. Refer to SOPM 20-50-19 as an accepted procedure.					
(c) Allow sealant to cure.					

FIGURE 36: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT INSTALLATION
(SHEET 4 OF 4)

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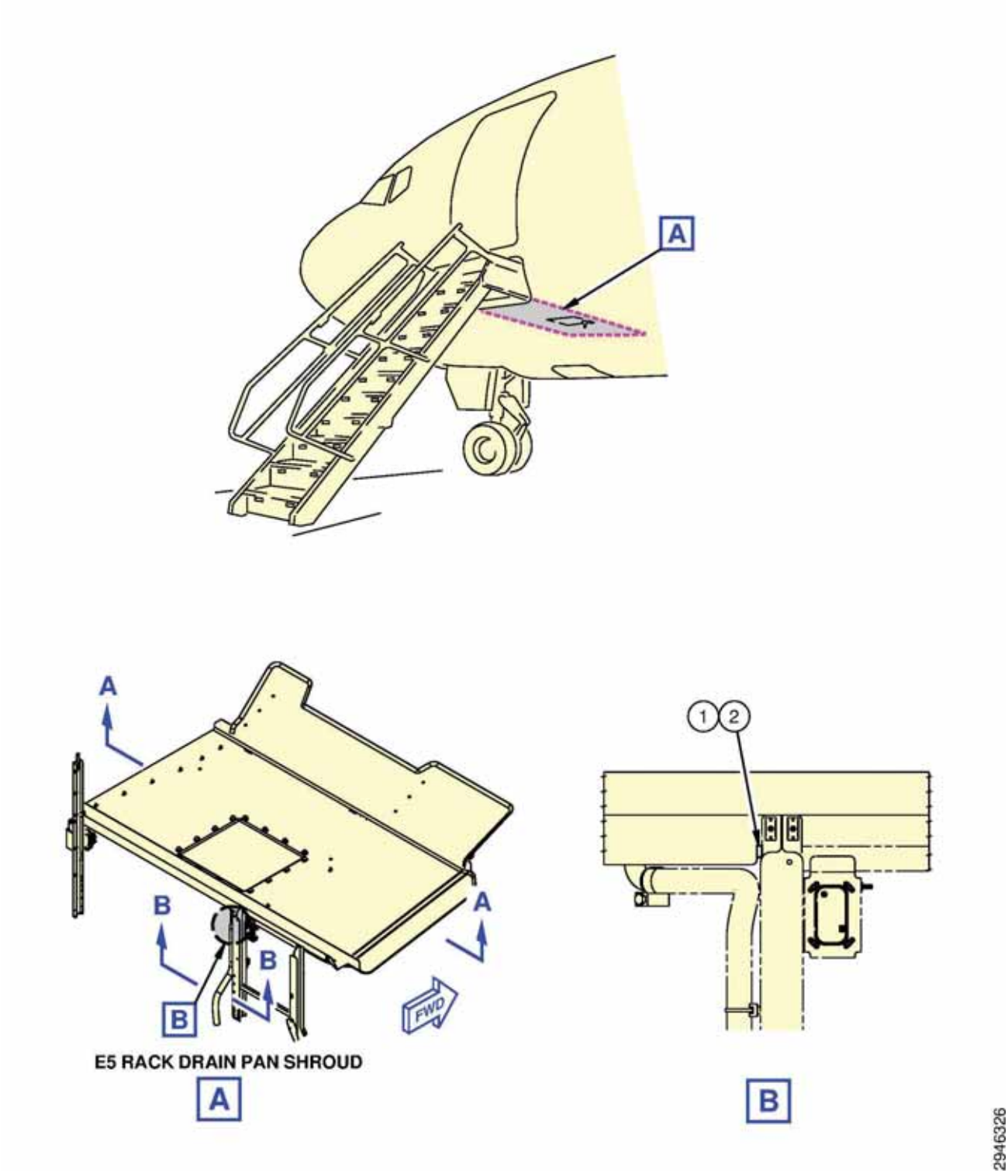


FIGURE 37: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT REPLACEMENT
(SHEET 1 OF 4)

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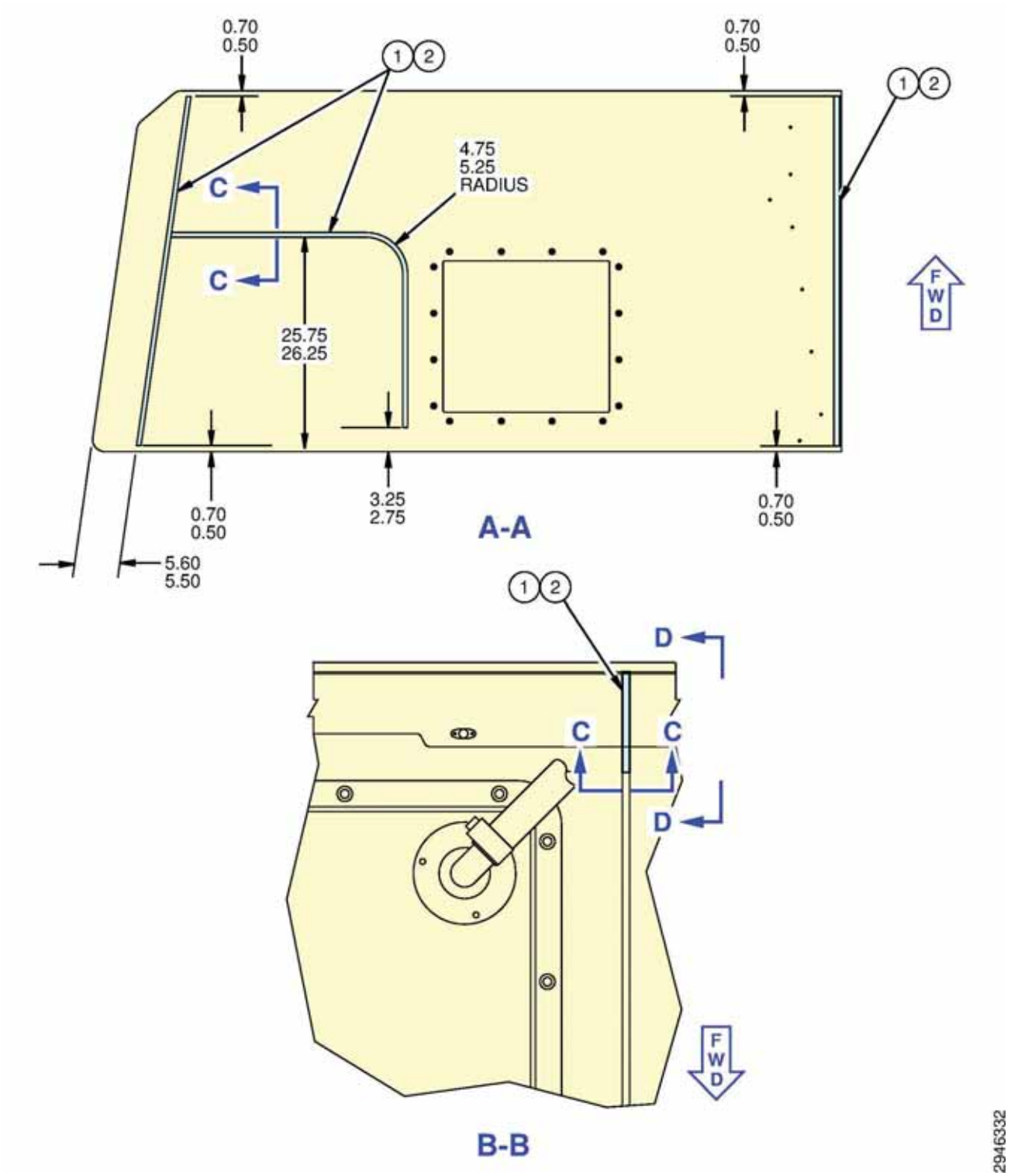


FIGURE 37: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT REPLACEMENT
(SHEET 2 OF 4)

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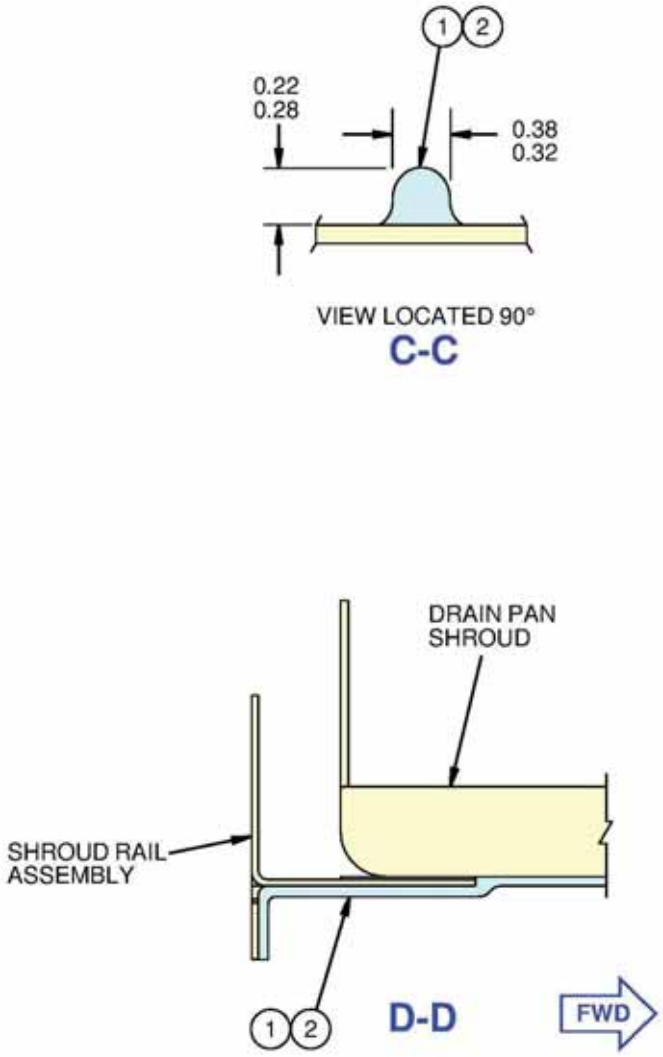


FIGURE 37: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT REPLACEMENT
(SHEET 3 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SEALANT	-	-	(a)
2	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(b)(c)
(a) Remove sealant from the drain pan shroud. Solvent clean. Refer to SOPM 20-30-03 as an accepted procedure.					
(b) Apply sealant to drain pan shroud. Refer to SOPM 20-50-19 as an accepted procedure.					
(c) Allow sealant to cure.					

FIGURE 37: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD - SEALANT REPLACEMENT
(SHEET 4 OF 4)

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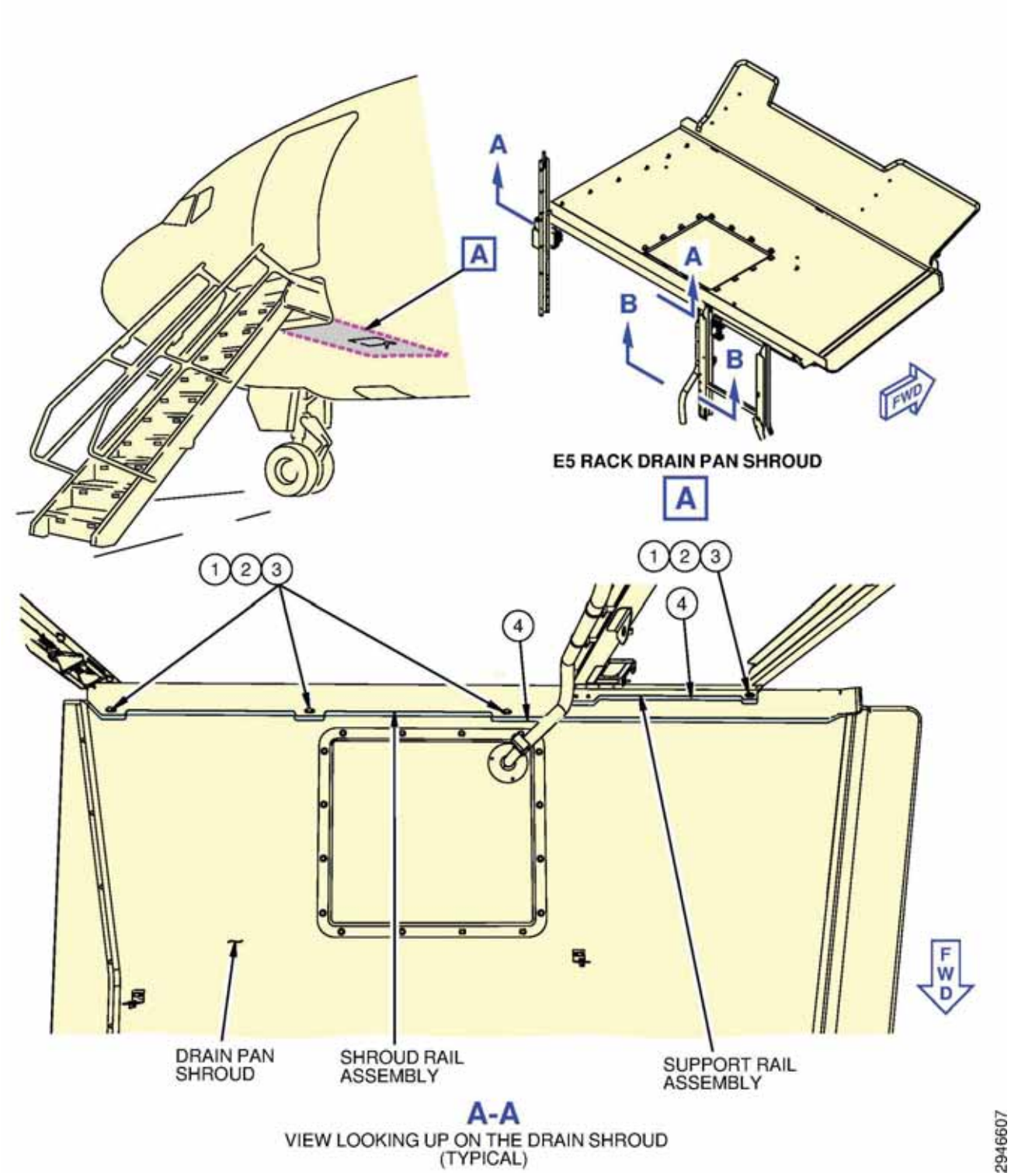


FIGURE 38: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION (SHEET 1 OF 3)

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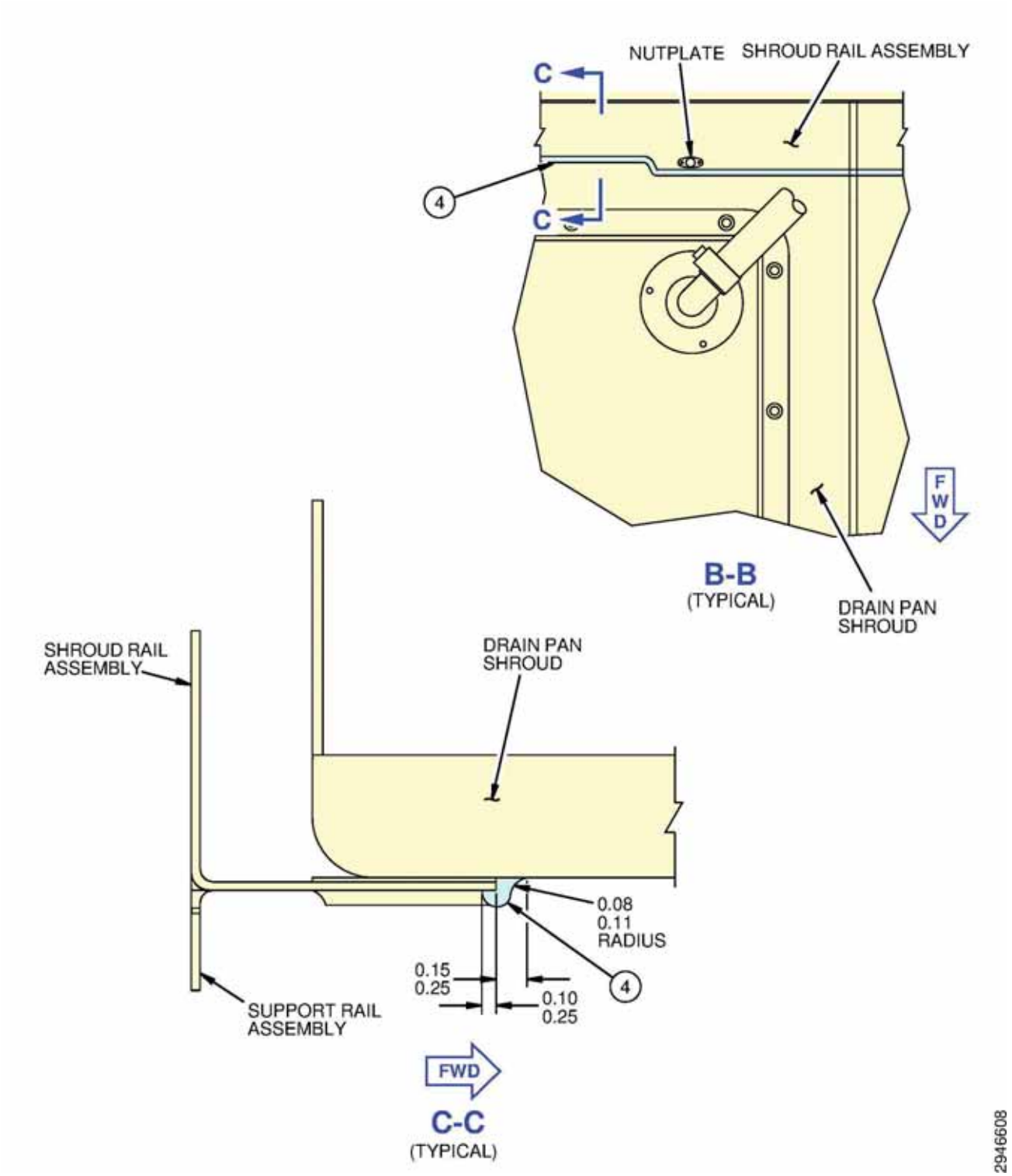


FIGURE 38: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Remove / Keep	FASTENER	-	4	
	Clean	FASTENER	-	4	(a)
2	Install (Kept)	FASTENER	-	4	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(b)(e)
3	Clean	NUTPLATE	-	4	(a)
	Apply	SEALANT	BMS5-95, CLASS B-1/2, B-2	-	(c)(e)
4	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(d)(e)

(a) Solvent clean fasteners. Refer to SOPM 20-30-03 as an accepted procedure.

(b) Install fasteners wet with sealant. Refer to SOPM 20-50-19 as an accepted procedure.

(c) Cap seal all nutplates on both sides. Make sure that all nutplate attachment rivets are covered. Refer to SOPM 20-50-19 as an accepted procedure.

(d) Apply a fillet seal between the drain pan shroud adjacent to the shroud rail assembly edge and the support rail assembly edge. Refer to SOPM 20-50-19 as an accepted procedure.

(e) Allow sealant to cure.

FIGURE 38: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION (SHEET 3 OF 3)

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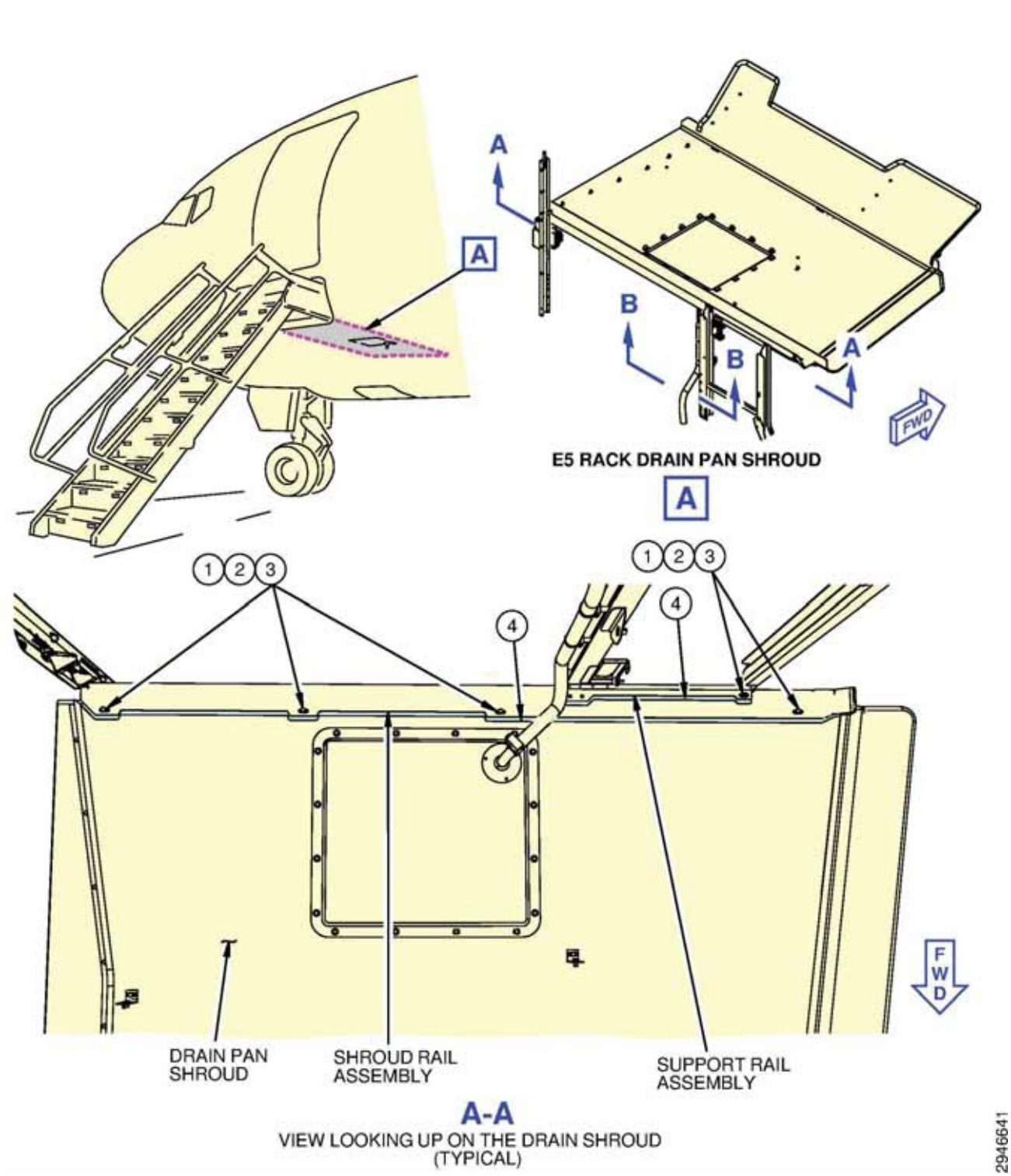


FIGURE 39: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION (SHEET 1 OF 3)

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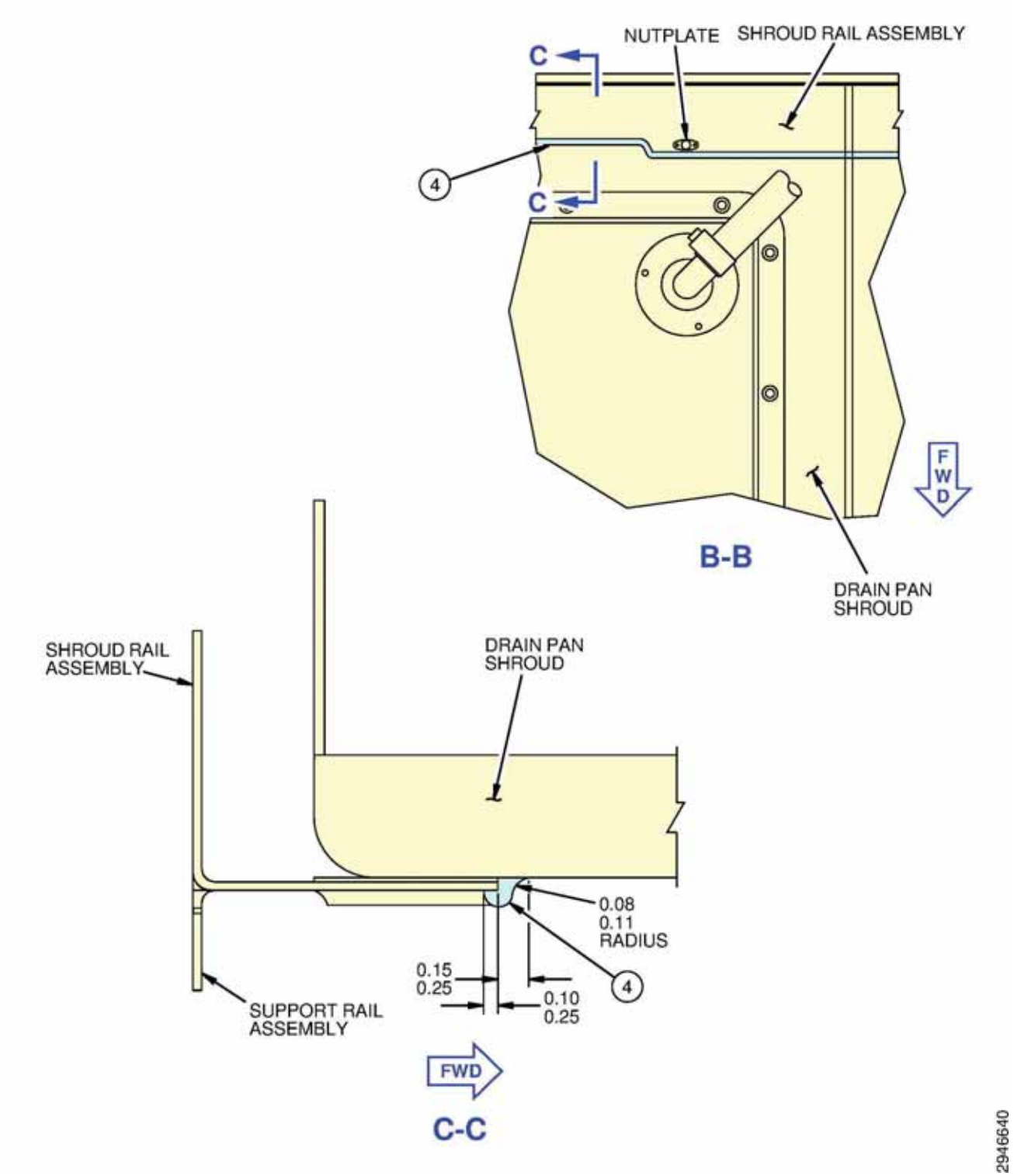


FIGURE 39: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

Step	Task	Name	Identification	Qty	More Data
1	Remove / Keep	FASTENER	-	5	
	Clean	FASTENER	-	5	(a)
2	Install (Kept)	FASTENER	-	5	
	Apply	SEALANT	BMS5-95, CLASS B-2	-	(b)(e)
3	Clean	NUTPLATE	-	5	(a)
	Apply	SEALANT	BMS5-95, CLASS B-1/2, B-2	-	(c)(e)
4	Apply	SEALANT	BMS5-95, CLASS B-1/2 (BMS5-95, CLASS B-2 or BMS5-142, CLASS B-1/2 or BMS5-142, CLASS B-2 optional)	-	(d)(e)

(a) Refer to SOPM 20-30-03 as an accepted procedure.

(b) Install fasteners wet with sealant. Refer to SOPM 20-50-19 as an accepted procedure.

(c) Cap seal all nutplates on both sides. Make sure that all nutplate attachment rivets are covered. Refer to SOPM 20-50-19 as an accepted procedure.

(d) Apply a fillet seal between the drain pan shroud adjacent to the shroud rail assembly edge and the support rail assembly edge. Refer to SOPM 20-50-19 as an accepted procedure.

(e) Allow sealant to cure.

FIGURE 39: ELECTRICAL AND ELECTRONICS COMPARTMENT - E5 RACK DRAIN PAN SHROUD, SHROUD RAIL ASSEMBLY, AND SUPPORT RAIL ASSEMBLY - SEALANT INSTALLATION (SHEET 3 OF 3)

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