

NATIONAL TRANSPORTATION SAFETY BOARD  
**Investigative Hearing**

Alaska Airlines Flight 1282

Boeing 737-9, N704AL

Left Mid Exit Door Plug Separation in Portland, OR

January 5, 2024

<b>Docket No.</b>	<b>SA-543</b>
<b>EXHIBIT</b>	
11-S	

## **Boeing Installation Plan**

# **INSTALLATION OF INSULATION BLANKETS SEC 46 - LEFT**

(4 Pages)

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**BILL OF MATERIAL SECTION**

Seq:	Unit:	EA	Equip #:
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

**NOTE SECTION**

Note	Description
	<p>INSULATION BLANKETS CONTAINED IN KIT IP [REDACTED]</p> <p>BLANKETS DAMAGED DURING SHIPPING, PACKING OR HANDLING ARE NOT ALLOWED TO BE INSTALLED IF FIBERGLASS IS EXPOSED. IF INSTALLATION PROBLEMS OCCUR THAT AFFECT FORM, FIT OR FUNCTION, INITIATE SAT (SHIPSIDE ACTION TRACKER) - BLANKET REPAIR SERVICE IS AVAILABLE BY BLANKET CORRECTIVE ACTION TEAM (BCAT).</p> <p>THIS IP HAS BEEN THROUGH THE VERIFICATION ACCEPTANCE PROCESS (VAP) IN ITS ENTIRETY IN CONJUNCTION WITH STANDARD WORK. ANY CHANGES MUST BE COORDINATED WITH QUALITY ENGINEERING. (Stand Text ISGQA)</p> <p>PROCESS OPERATOR VERIFICATION AND ACCEPTANCE HAS BEEN APPLIED TO THIS JOB. ANY CHANGES TO QUALITY CRITERIA OR PROCESS PERFORMED MUST BE APPROVED BY THE SITE QUALITY ENGINEERING GROUP. (Stand Text MZQSD)</p> <p>CAPP IP RECORD REVISION LEVEL BH</p> <p>KIT#: [REDACTED]</p> <p>THIS INSTALLATION PLAN IS ENHANCED WITH STANDARD WORK CONTENT. (Stand Text MA1CH)</p>



PRODUCTION

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ACC	POS/WL	Line	CVN	Order ID	Rev	Order Title	H	Page
941	1/UAB	8789	1D762	[REDACTED]	0	INSTALLATION OF INSULATION BLANKETS SEC 46,	N	6

**OPERATION SECTION**

OPERATIONS WITHOUT AN "\*" IN THE OPERATION COLUMN MAY BE WORKED IN ANY ORDER.

Oper	Step	Narrative	Ex	Shop Accept	QA Accept	Mfg Graphics
6	1	<p>MFG CONFORM - NOTICE - THIS IP HAS CONFORMANCE OPERATION(S) ASSIGNED. WHEN STAMPING THIS IP COMPLETE, MANUFACTURING IS CONFORMING THE AIRPLANE TO APPROVED DESIGN. (Stand Text MAQSH)</p> <p>-----</p> <p>APPLY SHOP ACCEPTANCE                      [REDACTED] 09/01/2023 11:30</p> <p>-----</p>	No	<p>[REDACTED]                      09/01/2023                      Shop Acpt</p>	XXXXXX	
10	1	<p>GRAPHIC-ID : COMPLETE-IP [REDACTED].tif</p> <p>-----</p> <p>*GRAPHIC ID: COMPLETE-[REDACTED]</p> <p>PURPOSE: INSTALLATION OF INSULATION BLANKETS SEC 46, LH SIDEWALL UPPER LOBE, STA 727-887</p> <p>COMPLETE INSTALL GRAPHIC</p> <p>-----</p> <p>APPLY SHOP ACCEPTANCE                      [REDACTED] 09/01/2023 11:30</p> <p>-----</p>	No	<p>[REDACTED]                      09/01/2023                      Shop Acpt</p>	XXXXXX	
10	2	<p>GRAPHIC-ID : EHS-[REDACTED].tif</p> <p>-----</p> <p>*GRAPHICS ID: EHS [REDACTED]</p> <p>SEE GRAPHIC FOR EHS REQUIREMENTS</p> <p>-----</p> <p>APPLY SHOP ACCEPTANCE                      [REDACTED] 09/01/2023 11:30</p> <p>-----</p>	No	<p>[REDACTED]                      09/01/2023                      Shop Acpt</p>	XXXXXX	

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941	1/UAB	8789	1D762	[REDACTED]	0	INSTALLATION OF INSULATION BLANKETS SEC 46,	N	7

**OPERATION SECTION**

Oper	Step	Narrative	Ex	Shop Accept	QA Accept	Mfg Graphics
999	10	<p>WITHOUT DISASSEMBLY, MFG VERIFY THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>- VISUALLY EXAMINE THAT PARTS LISTED IN THE BILL OF MATERIALS HAVE BEEN INSTALLED</li> <li>- PERFORM APPROPRIATE VERIFICATION (MEASURE, TEST, OBSERVE) TO ENSURE ASSEMBLIES AND INSTALLATIONS CONFORM TO THE ENGINEERING DRAWING(S) AND COMPLY WITH PROCESS SPECIFICATIONS AS PLANNED.</li> <li>-- RE-VERIFICATION OF PRODUCT CHARACTERISTICS THAT HAVE BEEN CONFORMED IN PREVIOUS OPERATIONS OR WORK INSTRUCTIONS IS NOT REQUIRED</li> <li>- ENSURE NO OBVIOUS DEFECTS EXIST WITHIN THE WORK STATEMENT AREA.</li> </ul> <p>REVIEW DATA ENTRIES TO ENSURE THEY ARE COMPLETE. VERIFY PRODUCT CHARACTERISTICS DATA ENTRIES CONFORM TO ENGINEERING REQUIREMENTS, UNLESS PREVIOUSLY VERIFIED.</p> <p>VISUALLY EXAMINE WORK STATEMENT AREA TO ENSURE NO FOREIGN OBJECT DEBRIS/DAMAGE (FOD) EXISTS.</p> <p>(Stand Text INSZM)</p> <p>-----                      APPLY FINAL SHOP ACCEPTANCE                      09/01/2023 11:30                      -----</p>	No	09/01/2023 Final Shop	XXXXXX	

**LOCATION MATRIX SECTION**

Part #: [REDACTED]	Oper/Step:
Find #: [REDACTED]	Sheet : [REDACTED] :
Drawing [REDACTED]	Instl : :
Quantity [REDACTED] Locator	Zone : [REDACTED] :
Location	
Maint. Zn [REDACTED]	
Flag Mk :	

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