

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

Docket No.	SA-543
EXHIBIT	
9-E	

**Boeing 737-7/8/8200/9/10 Aircraft
Maintenance Manual Part I - System
Description Section - Mid Cabin Exit
Door Plug Temporary Revision 52-
1001
(4 Pages)**



737-7/8/8200/9/10

**Aircraft Maintenance Manual - Part I
System Description Section**

TEMPORARY REVISION 52-1001



52-23-00

Mid Cabin Emergency Exit Door

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Applied to Document: [REDACTED]

Incorporation Date: MAY 15/2024

Revision Reason: Updated Information of the Mid Cabin Exit Door Plug.

For the printed manual, file this temporary revision adjacent to the pages affected.

At the end of this TR there is a TR Status Report for document [REDACTED]

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MID CABIN EXIT DOOR PLUG - OPERATION

Operation

After the removal of the fuselage lining and the body insulation, remove the upper guide track bolts from the upper guide track fitting then remove the vertical movement arrestor bolt from the lower hinge guide fitting while holding the door down with a suitable force so the door does not move during the process. Push the top of the door plug up so that the upper guide fittings clear the upper guide rollers. The lift assist spring ensures that the door plug will not fall back to the closed position. The door plug will stay in this position until a small outboard force is applied to the top of the door plug. When the force is applied, the door plug will fall to the open position. The two strap assemblies will limit the door plug opening to an approximate 15-degree angle.

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MID CABIN EXIT DOOR PLUG - OPERATION**Operation**

After the removal of the fuselage lining and the body insulation. Remove the two vertical movement arrestor bolts from the lower guide hinge fittings and the two upper track bolts from the upper guide track fittings. Push the top of the door plug down to clear the door plug from the guide fittings. When the door plug is clear from the guide fitting, the lift assist spring will lift the door plug approximately 1.5 in. (38.1 mm). The lift assist spring makes sure that the door plug will not fall back to the closed position. The lift assist spring is a part of the hinge assembly. The door plug will stay in this position until a small outboard force is applied to the top of the door plug. When the force is applied, the door plug will fall to the open position. The two strap assemblies will limit the door plug opening to an approximate 15-degree angle.

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