

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	
11F	

Manufacturing Records and Human Performance - Attachment 5
Boeing Quality Alert 2023-0056-AR
(2 Pages)

DCA24MA063

**MANUFACTURING RECORDS AND HUMAN
PERFORMANCE**

Group Chair's Factual Report
Attachment 5 - Boeing Quality Alert 2023-0056-AR
July 1, 2024



737 Quality Alert

IO – Information Only
✓ AR – Action Required
RR – Read & Respond

Alert Number: 2023-0056-AR

Issue Date: 7/24/2023

Expiration Date: This Quality Alert is supplemental to 737 Quality Alert 2023-0055-AR, Documentation requirements for Removals. This Quality Alert expires when BPI- [REDACTED] Perform Part or Assembly Removal is updated beyond issue date of January 27, 2023.

Attention: This Quality Alert does not constitute work instructions. Always read, understand and comply with approved command media when accomplishing work or applying acceptance.

Subject: Documentation requirements for removing parts or assemblies after performing acceptance in the Common Manufacturing Execution System (CMES). Supplemental Information to 737 Quality Alert 2023-0055-AR.

Background: The type of part or assembly dictates the type of form within CMES that needs to be used to document the removal.

- Instructions:
- The type of record required in CMES is dictated by the parts or assemblies being removed or disturbed. Within CMES, there are several template types that are based on the types of parts/assemblies being removed. Each template has different requirements based on those types of parts.
 - The Long Form Removal template can be used for all types of parts. In general, this template is used for structural parts, electrical related parts, parts that have software, and parts that require functional tests.
 - The Short Form Removal template can only be used for: **Note the limits for the short form.**
 - Interior Parts: carpets, ceiling panels, sidewall panels, partitions, curtains, and floor panels. These parts/assemblies must not have electrical components associated with them for the use of this form. Blankets, Decals and Markers when applicable according to Exhibit [REDACTED]
 - Exterior Parts: Wing to Body Fairings, Wing panels, Horizontal panels and Vertical panels. Decals and Markers when applicable according to Exhibit [REDACTED]
 - Section [REDACTED] clearly states:
Removing, partially removing or loosening a previously installed and accepted part/assembly requires removal documentation.
 - There are exceptions to the need for removal documentation. These exceptions are described in BPI-[REDACTED] Section [REDACTED]. It is critical that these instructions are understood and followed when considering a removal.
 - See Section [REDACTED] for information on **when a removal record is required.**
 - See Section [REDACTED] AND Exhibit [REDACTED] **when a removal record is not required.**
 - Supplemental documentation and forms may be required to support a removal.
 - Refer to BPI-[REDACTED] Section [REDACTED] for additional document requirements.
 - Some removals may involve complex system checks or re-rigging. Refer to Section [REDACTED]
 - In cases of complex removals, Manufacturing Engineering must be involved to provide additional removal and installation instructions. (Ref Section [REDACTED] and [REDACTED])
 - If you have any questions or are unsure about the removal requirements or process, please contact the responsible shops Quality Manager.

End

[REDACTED]
Sr. Director
737 Program Quality