

7/1/2025

FOR YOUR INFORMATION

2025-159/3-13

To: Boeing Commercial Airplane Company

2220826

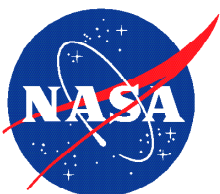
Info: FAA (AVP-1, AVP-200, AFS-200, AFS-900, AFS-260, AFS-100, AIR-720, AIR-780, AIR-360, SEA-AEG), A4A, ALPA, AMFA, ASAP, ATSG, CAPA, IAM, IBT, ICAO, ICASS, IFALPA, IPA, NTSB, PAMA, RAA, SWAPA, TWU

From: Becky L. Hooey, Director
NASA Aviation Safety Reporting System

Re: B787 Panel Seal Deterioration

We recently received ASRS reports describing a safety concern that may involve your area of operational responsibility. We do not have sufficient details to assess either the factual accuracy or possible gravity of the report. It is our policy to relay the reported information to the appropriate authority for evaluation and any necessary follow-up. We feel you should be aware of the enclosed deidentified report.

To properly assess the usefulness of our alert message service, we would appreciate it if you would take the time to give us your feedback on the value of the information that we have provided. Please contact Dr. Becky Hooey at (408) 541-2854 or email at becky.l.hooey@nasa.gov.



Aviation Safety Reporting System
P.O. Box 189 | Moffett Field, CA | 94035-0189



ACN 2220826**DATE / TIME**

Date of Occurrence	202503
Local Time Of Day	No Local Time Of Day Stated

PLACE

Altitude - AGL	0
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AIRCRAFT / EQUIPMENT X

Make Model Name	B787 Dreamliner Undifferentiated or Other Model
Operating Under FAR Part	121

COMPONENT 1

Aircraft Component	Wing Access Panel
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PERSON 1

Function - Maintenance	Technician
ASRS Report Number	2220826

EVENTS

Anomaly	Aircraft Equipment Problem - Less Severe
Anomaly	Deviation / Discrepancy - Procedural - Published
	Material / Policy
Detector - Person	Maintenance
Result - General	Maintenance Action

NARRATIVE 1

We are continuing to see more aircraft with the deterioration of the panel seals on panels 552AB and 652AB. Please see Aircraft X and Y. Last night I noticed the deterioration of the wire harness protective shield on the right-hand wing for Aircraft Y. This is the second aircraft found with this defect. Aircraft Z also had a more severe wear. I believe that there might be a link between the panel seals deteriorating and the deterioration of the wire harness protective shield. I think you may have to issue a Fleet Campaign Directive (FCD) to have the seals inspected and also have the wire harness shield inspected on all the B787. The seals are easily being overlooked by technicians because they are not aware of them deteriorating. I do not want to overstep my boundaries, as I am not sure what happened with my other report.

Investigate to see if the deterioration of the panel seals are the cause of the deterioration of wire harness protective shield. If yes, then issue a FCD.

SYNOPSIS

B787 Technician reported seeing deterioration of the panel seals on numerous aircraft and suggested there be an investigation into the cause of the problem.