

5/2/2025

FOR YOUR INFORMATION

2025-102/3-8

2222769

To: Boeing Commercial Airplane Company

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 Main Landing Gear Shock Strut Door Issues

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 2222769**DATE / TIME**

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

PLACE

Altitude - AGL	0
----------------	---

AIRCRAFT / EQUIPMENT X

Make Model Name	B787-900
Operating Under FAR Part	121

COMPONENT 1

Aircraft Component	Main Gear Door
--------------------	----------------

PERSON 1

Function - Maintenance	Technician
ASRS Report Number	2222769

EVENTS

Anomaly	Aircraft Equipment Problem - Less Severe
Detector - Person	Maintenance

NARRATIVE 1

This report is to advise that there seems to be a chronic issue with the hardware on the Boeing 787 Main Landing Gear Shock Strut Door getting loose and backing off. Aircraft X is the 3rd aircraft that has been found with this problem. Aircraft X was found with one bolt backing off on D, and another (no number) aircraft with the same loose hardware. Somehow, the safety wire is breaking and somehow, the hardware is backing off. Suspect vibration causing the bolts to back off.

Need to have all the Boeing 787 Main Landing Gear Shock Strut Door inspected on the pedestal fittings for loose hardware and broken safety wire.

SYNOPSIS

B787-9 Technician reported noticing a chronic issue with the main landing gear shock strut door having loose hardware and broken safety wire and suggested there be inspections on the pedestal fittings.