

12/29/2023

FOR YOUR INFORMATION

2023-220/3-15

2050585

To: Boeing Commercial Airplane Company

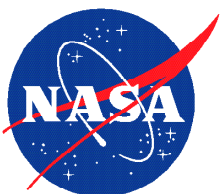
Info: FAA (AVP-1, AVP-200, AFS-200, AFS-900, AFS-260, AFS-100, AIR-720, AIR-780, AIR-360, SEA-AEG), A4A, ALPA, AMFA, ASAP, ATSG, CAPA, IAM, IBT, ICAO, ICASS, IFALPA, IPA, NTSB, PAMA, RAA, SWAPA, TWU

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

Re: B787 Portable Oxygen Battery Corrosion

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 2050585

DATE / TIME

Date of Occurrence	202310
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	Oxygen System/Portable
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PERSON 1

Function - Maintenance	Technician
ASRS Report Number	2050585

EVENTS

Anomaly	Aircraft Equipment Problem - Critical
Detector - Person	Maintenance
Result - General	Maintenance Action

NARRATIVE 1

Oxygen bottle was low, needed to be serviced. When servicing bottle found the batteries in the bottle corroded, possible causing a spark in the bottle.

Note the airplane number was just generated (aircraft that the bottle came off is unknown) for this form to be completed.

Have the B787 bottle checked more frequently (there is a longer time frame on the B787 bottles-due to the bottle), hydrostatic test and due date are longer times than the standard bottles on the other fleets. This B787 only gets checked when it needs servicing.

Note I have seen (2) other times during servicing of this style of bottle-that had corroded batteries. They were both found because the test that gives you a green light was not coming on.

SYNOPSIS

Maintenance technician reported finding corroded batteries in a B787 portable oxygen bottle.