

3/4/2026

FOR YOUR INFORMATION

2026-72/11-16

To: Boeing Commercial Airplane Company

2322754

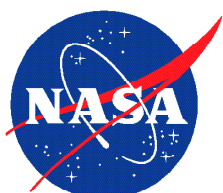
Info: FAA (AVP-1, AVP-200, AFS-200, AFS-900, AFS-260, AFS-100, AIR-720, AIR-780, AIR-360, SEA-AEG), A4A, ALPA, AMFA, ASAP, ATSG, CAPA, IAM, IBT, ICAO, ICASS, IFALPA, IPA, NTSB, PAMA, RAA, SWAPA, TWU

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

Re: Freeze Spray Undocumented Safety Concern

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 2322754

DATE / TIME

Date of Occurrence	202601
Local Time Of Day	No Local Time Of Day Stated

PLACE

Altitude - AGL	0
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AIRCRAFT / EQUIPMENT X

Make Model Name	B737 Undifferentiated or Other Model
Operating Under FAR Part	121

PERSON 1

Function - Maintenance	Technician
ASRS Report Number	2322754

EVENTS

Anomaly	Deviation / Discrepancy - Procedural - Maintenance
Anomaly	Deviation / Discrepancy - Procedural - Published Material / Policy
Anomaly	No Specific Anomaly Occurred - Unwanted Situation
Detector - Person	Maintenance

NARRATIVE 1

All Maintenance, Line and Heavy, Leads, Inspectors, Engineering, SMS.

What this is about: Freeze spray is used to test heaters on gray water drain lines in various aircraft locations, including confined and low-airflow areas. Found out last night the threat of suffocation is real.

The hazard: Per the manufacturer's Safety Data Sheet, this spray is a liquefied gas that: displaces oxygen; vapors are heavier than air; [and] can cause rapid suffocation with no warning. Boeing Aircraft Maintenance Manual (AMM) allows the spray but does not warn about oxygen displacement.

Where this gets risky: Cargo compartments, bilge/underfloor areas, and any closed or poorly ventilated space.

Bottom line: You can pass out before you know there's a problem.

Suggested resolution: Bulletin: Do not use freeze spray without ventilation. Open doors or establish airflow first. Use minimum amount. If airflow can't be ensured, use another method. Dizziness or shortness of breath = stop and get out. Remember: AMM approval does not remove SDS hazards. Safety first.

SYNOPSIS

B737 Maintenance Technician reported freeze spray is hazardous without proper ventilation and found that the Boeing AMM does not warn about oxygen displacement.