European Union Aviation Safety Agency

Safety Information Bulletin

Airworthiness

SIB No.: 2025-11

Issued: 22 December 2025

Subject: **Oxygen – Chemical Oxygen Generator – Instructions for Disposal**

Ref. Publications:
Collins Aerospace Service Information Letter (SIL) XXXXX-35-005 Revision 5 dated 26 January 2023.

Applicability: B/E Aerospace Systems chemical oxygen generator having part number (P/N) E63120, E63320, E64120, E67030, E67520, E63130, E63330 , E64130, E67040, E67530, E63140, E63340, E64140, E67120, E67540, E63220, E63420, E64160, E67130, E63230, E63430, E67140, E63240 or E63440.

Description:
Chemical oxygen generators have a certified service life defined by the equipment manufacturer. Failure to comply with this life limit may result in improper functioning or failure to activate when the equipment is required in service.

In the absence of any defect during the approved service life, chemical oxygen generators must be activated (expended) and disposed of when they reach their end of life, even if they have not been used. B/E Aerospace Systems, part of Collins Aerospace, has recently issued service instructions to remind operators of the expiration dates of these components and to reiterate the requirement for their activation and disposal at end of life.

In accordance with Collins Aerospace SIL XXXXX-35-05, chemical oxygen generators that have reached the life limit of 15 years from the date of manufacture must be removed from service and expended. Any findings or anomalies observed during activation at end of life (i.e. non-activation) must be recorded and reported to the supplier, as required by the manufacturer's instructions.
In addition, cases of chemical oxygen generators failing to activate have been reported even when the units were still within their approved life limits, both in service and during maintenance activities. Subsequent investigations identified reduced reactivity of the starter powder used in certain generators. The affected batches have already been identified, and EASA issued AD 2024-0198 to mandate their removal from service.

Although this investigation is ongoing and addressed separately from the present SIB, the reporting of findings observed during generator activation at end of life, as prescribed by SIL XXXXX-35-05, remains essential. Such reporting contributes to the collection of operational data that will support the ongoing investigation.

At this time, the safety concern described in this SIB is not considered to be an unsafe condition that would warrant Airworthiness Directive (AD) action under Commission Regulation (EU) 748/2012, Part 21.A.3B.

Recommendation(s):

EASA recommends aircraft operators and maintenance organizations to follow the disposal instructions of Collins Aerospace SIL XXXXX-35-05 for B/E Aerospace Systems chemical oxygen generators assemblies; in case of any findings or issues during the expenditure of the activation (i.e. non-activation), those findings should be reported to the supplier accordingly.

Contact(s):

For further information contact the EASA Safety Information Section, Certification Directorate.
E-mail: ADs@easa.europa.eu.