

All references to Cobham in name and logo are superseded by the Eaton name and logo as of March 15th 2022.

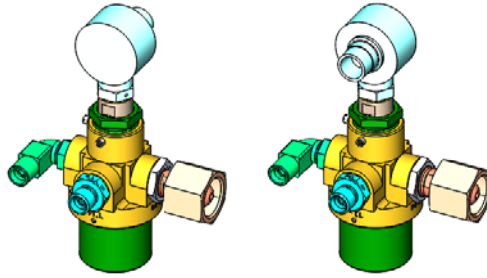


For information regarding this product contact
Mission Systems Orchard Park
+1 (716) 662-0006
www.eaton.com

SERVICE INFORMATION LETTER (SIL)

OVERHAUL RECOMMENDATIONS FOR

B19925 SERIES OXYGEN REGULATOR ASSEMBLIES



ATA CHAPTER 35 - OXYGEN

CAGE CODE: 04577

Carleton Part Number:

B19925-1
B19925-3

Boeing Specification:

S474W002-001
S474W002-002

A. SUBJECT

This Service Information Letter (SIL) provides information regarding the Overhaul Frequency as well as the Shelf Life and Useful Life for the B19925 Series Oxygen Regulator Assembly.

Additionally, this SIL provides information about the benefits of following the maintenance schedule and how it relates to warranty.

THESE COMMODITIES, TECHNOLOGIES OR SOFTWARE ARE CONTROLLED BY THE EXPORT ADMINISTRATION REGULATION (EAR). ANY EXPORT OR DEEMED EXPORT FROM THE UNITED STATES MUST ADHERE TO THE EAR. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

X-Ref: CRM-4159
Revision: R001
Date: 10/11/2016

COBHAM dba CARLETON TECHNOLOGIES, INC.
10 Cobham Drive • Orchard Park, NY 14127
Telephone: 716-662-0006 FAX: 716-662-0747
Website: www.cobham.com

SIL-04577-35-007

Original Issue Date: June 14, 2010

Page 1 of 4



B. APPLICABILITY

This SIL is applicable to all aircraft where the B19925 Series Oxygen Regulator Assembly is installed. The B19925 Series Oxygen Regulator Assembly part numbers affected by this SIL are:

Carleton Part Numbers:

B19925-1
B19925-3

This SIL is applicable effective immediately.

C. REFERENCES

Service and overhaul of a B19925 Series Oxygen Regulator Assembly must be done in accordance with the applicable ATA Component Maintenance Manual (CMM) issued by Carleton Technologies, Inc. Refer to the table below to identify which CMM to use for a particular part number.

Carleton Top Assembly Part Number	Applicable ATA CMM
B19925-1	35-22-01
B19925-3	35-22-01

THESE COMMODITIES, TECHNOLOGIES OR SOFTWARE ARE CONTROLLED BY THE EXPORT ADMINISTRATION REGULATION (EAR). ANY EXPORT OR DEEMED EXPORT FROM THE UNITED STATES MUST ADHERE TO THE EAR. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

X-Ref: CRM-4159
Revision: R001
Date: 10/11/2016

COBHAM dba CARLETON TECHNOLOGIES, INC.
10 Cobham Drive • Orchard Park, NY 14127
Telephone: 716-662-0006 FAX: 716-662-0747
Website: www.cobham.com

SIL-04577-35-007

Page 2 of 4



D. ACTIONS

1. **Overhaul Frequency:** Perform an overhaul every five years on the B19925 Series Oxygen Regulator Assembly.
 - Due to the possibility of contamination when removed from the Cylinder and Handvalve Assembly, the B19925 Series Oxygen Regulator Assembly shall be overhauled at a five year minimum interval.
 - An overhaul frequency less than 5 years may be necessary due to frequent removal from the oxygen cylinder, contamination or severe in-service conditions.
2. **Shelf Life:** The B19925 Series Oxygen Regulator Assembly may remain in its original, sealed, oxygen clean packaging for 1 year. After 1 year, it is recommended that the Regulator shall be retested IAW the applicable CMM.
3. **Useful Life:** The B19925 Oxygen Regulator Assembly has a useful life of 60,000 flight hours or 20 years of service; whichever comes first. After this duration has elapsed, the B19925 Oxygen Regulator Assembly shall be removed from service.
 - To determine years of service, use the date of manufacture (found on the product label) as the beginning of the interval.

E. INSTRUCTION

WARNING: THE OXYGEN PRESSURE REGULATOR SHALL REMAIN OXYGEN CLEAN CERTIFIED IAW BPS-O-100 AND CMM 20-90-01. FAILURE TO ENSURE CLEANLINESS COULD RESULT IN CONTAMINATION OF THE PRODUCT, WHICH MAY RESULT IN A CATASTROPHIC EVENT.

NOTE: The Oxygen Pressure Regulator shall remain oxygen clean certified IAW BPS-O-100 and CMM 20-90-01. If compliance cannot be achieved, the activity shall be conducted at the original manufacturer (OEM) or a repair facility that can meet or exceed the specifications for cleaning oxygen equipment stipulated in the applicable specification.

Use the appropriate CMM and overhaul kit to overhaul the B19925 Series Oxygen Regulator Assembly every 5 years or when it is contaminated. These maintenance practices verify hardware functionality and cleanliness for safe oxygen service.

THESE COMMODITIES, TECHNOLOGIES OR SOFTWARE ARE CONTROLLED BY THE EXPORT ADMINISTRATION REGULATION (EAR). ANY EXPORT OR DEEMED EXPORT FROM THE UNITED STATES MUST ADHERE TO THE EAR. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

X-Ref: CRM-4159
Revision: R001
Date: 10/11/2016

COBHAM dba CARLETON TECHNOLOGIES, INC.
10 Cobham Drive • Orchard Park, NY 14127
Telephone: 716-662-0006 FAX: 716-662-0747
Website: www.cobham.com

SIL-04577-35-007



F. WARRANTY INFORMATION

Any and all implied warranty shall not be honored if the applicable maintenance schedule is not performed on the B19925 Series Oxygen Regulator Assembly. A record of overhaul shall be required before any implied warranty shall be honored.

G. CONTACT INFORMATION

Questions or inquiries can be directed to:

Cobham - Mission Systems Division
dba Carleton Technologies, Inc.
10 Cobham Drive
Orchard Park, NY 14127

Fax Number: 716-662-0747
Attention: Environmental Systems

+1 (716) 662-0006
Attention: Environmental Systems

Web Site: www.cobham.com

Carleton Technologies, Inc. publishes an Index of Publications. It contains the latest revision of each manual. The Index of Publications can be found at this link:

<http://www.cobham.com/mission-systems/customer-service/service-and-support/orchard-park/technical-publications/>

THESE COMMODITIES, TECHNOLOGIES OR SOFTWARE ARE CONTROLLED BY THE EXPORT ADMINISTRATION REGULATION (EAR). ANY EXPORT OR DEEMED EXPORT FROM THE UNITED STATES MUST ADHERE TO THE EAR. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

X-Ref: CRM-4159
Revision: R001
Date: 10/11/2016

COBHAM dba CARLETON TECHNOLOGIES, INC.
10 Cobham Drive • Orchard Park, NY 14127
Telephone: 716-662-0006 FAX: 716-662-0747
Website: www.cobham.com

SIL-04577-35-007