

# Advisory Wire

REFERENCE NO: AW700-35-0952 Rev 01

EFFECTIVITY: Global Express/XRS  
Global 5000  
Global 5000 feat. Vision Flight Deck  
Global 6000  
Global 5500  
Global 6500

ATA: 35-11

**SUBJECT: Oxygen Cylinder Low Pressure Relief Valve**

## 1. REFERENCES:

- 1.1 SAFRAN [CMM 35-28-98U](#) – Component Maintenance Manual
- 1.2 SAFRAN Aerosystems Vendor Service Bulletin (VSB) [806371-35-01U](#) - Oxygen – Low Pressure Relief Valve Replacement at Overhaul
- 1.3 Time Limits and Maintenance Check (TLMC) 5-21-10 Chapter 5 Task No. 35-11-01-202 – Functional Test (Hydrostatic) of the Oxygen Storage Cylinder and Regulator Assembly

## 2. INTRODUCTION:

Revision 01 of this Advisory Wire (AW) is to inform operators of the update of SAFRAN Aerosystems CMM 35-28-98 (Ref. 1.1) to incorporate VSB 806371-35-01 (Ref. 1.2) for the replacement of the oxygen Cylinder and Regulator Assembly (CRA) low Pressure Relief Valve (PRV) at overhaul.

## 3. DESCRIPTION:

Bombardier has received reports of slow oxygen system leaks, following the CRA overhaul (Ref. 1.3). The leak events were mostly associated with long flights. An investigation revealed that the regulators of the CRAs were leaking from the overpressure relief port.

A teardown analysis of the regulators was conducted and corrosion of the regulator PRV internal spring was discovered. While a direct cause was not confirmed, this condition was observed in association with the reported leaking events. Therefore, to mitigate the risk of corrosion, the Global 5/6 Advisory Committee members requested that the CRA PRV be replaced at every overhaul (Ref. 1.3).

To meet this request and improve reliability, SAFRAN Aerosystems have released VSB 806371-35-01 (Ref. 1.2) which provides instructions for the replacement of the regulator PRV at every CRA overhaul. The CRA CMM 35-28-98 (Ref. 1.1) has been updated to ensure the incorporation of the VSB is part of the overhaul procedure for CRA P/N 806371-130.

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4. ACTION:

Operators should familiarize themselves with the content of this AW.

Now that the CMM 35-28-98 (Ref. 1.1) CRA overhaul procedure is updated, the VSB (Ref. 1.2) will be automatically incorporated when operators send their CRAs for overhaul to an approved overhaul facility.

Should you have any technical queries pertaining to this AW, please contact your local Field Service Representative (FSR) or the Customer Response Center (CRC).