

Advisory Wire

REFERENCE NO: AW000-53-0023, Rev NC

EFFECTIVITY: All Challenger models
All Global models

ATA: 53-00

SUBJECT: Corrosion finding reporting form in SRM

1. REFERENCES:

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2. INTRODUCTION:

This advisory wire is intended to raise the level of awareness of the importance of the Corrosion Detection Report (CDR) forms, and to provide instructions on properly reporting in-service corrosion issues to Bombardier.

3. DESCRIPTION:

Bombardier has noticed that when certain operators experience in-service corrosion, they would only raise an SRPSA for engineering disposition, without reporting the corrosion to Bombardier's Corrosion Prevention Control Programs (CPCP) database. This leads to a lack of corrosion findings data in the database.

Over time, a large discrepancy has developed between the number of SRPSA and CDR forms received, which is an indication that the operators may not be familiar with the proper corrosion reporting procedure. In order to help Bombardier more efficiently monitor the fleet Corrosion Prevention Control Programs, operators must properly report all corrosion findings to Bombardier.

4. ACTION:

In the MRBR Section 5-22-00 (*Structure Program*), it is stated that CPCP is required to maintain the aircraft resistance to corrosion, as per the MSG-3 analysis requirements. The CPCP inspection criteria also cover proper reporting of all corrosion findings.

When operators are doing scheduled maintenance TLMC CPCP tasks, they should be aware that SRM 51-27-00 (*Corrosion Types and Identification*) provides useful information for identification and evaluation of the type and level of corrosion.

For any level of corrosion findings (Level 1, 2 or 3) the operators are required to fill out the CDR form and submit it to Bombardier via email at: **bacs_ca_mpp@aero.bombardier.com**.

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CORROSION DETECTION REPORT

(This form is required for LEVEL 1, 2 and 3 corrosion)

OPERATOR: _____ SERIAL NO.: _____

DATE OF INSPECTION: _____

NO. OF LANDINGS: _____

FLYING HOURS: _____

OPERATING ENVIRONMENT: Coastal Desert Arctic
 Tropical Industrial Rural

INTERVAL (YEARS) SINCE LAST INSPECTION: _____

CORROSION TASK: _____

LEVEL OF CORROSION: Level 1 Level 2 Level 3 Local Widespread

AREA AFFECTED (Refer to Maintenance Manual or Structural Repair Manual or IPC)

PART NAME: Intercostal/Stringer Web Rib
 Frame Control Rod Bulkhead
 Bracket/Shear Tie Skin Fitting
 Spar Cap/Spar Web Doubler Other

PART IDENTIFICATION: AMM – Chapter, Section, Subject and Number: _____
 SRM – Chapter, Section, Subject and Number: _____
 IPC – Chapter, Section, Subject and Number: _____

LOCATION OF CORROSION: Zone: _____

FS _____ TO FS _____ STGR _____ TO STGR _____

Above Floor Left of Below Floor Right of

CAUSE OF CORROSION: Environment Chemical Spill Blocked Drainage
 Cargo Leakage Lav/Galley Spill Wet Insulation Blanket
 Unknown Other

ADDITIONAL DESCRIPTION OF CORRODED AREA:

Please submit a separate form for each occurrence of corrosion.

Return this form to:
Bombardier Business Aircraft Maintenance Engineering by e-mail at:
bacs_ca_mpp@aero.bombardier.com (preferred) or
Contact Bombardier Aerospace, by phone at:
Customer Response Center (CRC)
Local and International: 514-855-2999
North America only: 1-866-JET-1247 (1-866-538-1247) Toll Free