

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

0586

[Docket No. FAA-2008-*****; Directorate Identifier 2008-NM-043-AD]

RIN 2120-AA64

Airworthiness Directives; Bombardier Model DHC-8-400, -401 and -402 Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for the products listed above. This proposed AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

There was one reported failure of the elevator centering torsion spring. Investigation revealed that the tangs on the torsion spring had been bent due to difficulty encountered during installation of the elevator centering torsion spring on the horizontal stabilizer torque tube. The bending of the tangs on the torsion spring would degrade its durability and could lead to premature failure of the elevator centering torsion spring. A control rod disconnect between the elevator aft quadrant and the elevator Power Control Unit input torque tube, in combination with the loss or reduction in elevator centering capability, could result in a significant reduction in aircraft pitch control.

The proposed AD would require actions that are intended to address the unsafe condition described in the MCAI.

DATES: We must receive comments on this proposed AD by [insert date 30 days after date of publication in the FEDERAL REGISTER].

CONCURRENCES	+JL
ROUTING SYMBOL	
INITIALS/SIG	R. CAPONE
DATE	ANN-114
ROUTING SYMBOL	09APR08
INITIALS/SIG	NYACO
DATE	See
ROUTING SYMBOL	attached
INITIALS/SIG	-7
DATE	ch
ROUTING SYMBOL	4/25/08
INITIALS/SIG	-114
DATE	JG
ROUTING SYMBOL	5/6/08
INITIALS/SIG	-101
DATE	DP for MK
ROUTING SYMBOL	5/6/08
INITIALS/SIG	-100
DATE	MJK
ROUTING SYMBOL	5/8/08
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
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[4910-13-P]

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CONCURRENCES
ROUTING SYMBOL
ANE 172
INITIALS/SIG
FB <i>[Signature]</i>
DATE
4/8/08
ROUTING SYMBOL
ANE 172
INITIALS/SIG
DP <i>[Signature]</i>
DATE
4/8/08
ROUTING SYMBOL
ANE 172
INITIALS/SIG
MM <i>[Signature]</i>
DATE
4/8/08
ROUTING SYMBOL
ANE 170
INITIALS/SIG
DK <i>[Signature]</i>
DATE
4/8/08
ROUTING SYMBOL
ANE 170
INITIALS/SIG
AS <i>[Signature]</i>
DATE
4/8/08
ROUTING SYMBOL
AEP <i>[Signature]</i>
INITIALS/SIG
DATE
ROUTING SYMBOL
LGB-AEG
INITIALS/SIG
<i>[Signature]</i>
DATE
04/09/2008
ROUTING SYMBOL
INITIALS/SIG
DATE