

3/2/2021

FOR YOUR INFORMATION

2021-27/11-6

1775378

To: Bombardier Inc. Canadair

Info: FAA (AVP-1, AVP-200, AFS-200, AFS-280, AFS-100, AIR-720, AIR-780, SEA-AEG, AQS-230), A4A, ALPA, AMFA, ASAP, ATSG, CAPA, IAM, IATA, ICAO, ICASS, IFALPA, NTSB, PAMA, RAA, TWU

From: Becky L. Hooey, Director
NASA Aviation Safety Reporting System

Re: CRJ-700 Maintenance Procedure Anomaly

We recently received an ASRS report describing a safety concern that may involve your area of operational responsibility. We do not have sufficient details to assess either the factual accuracy or possible gravity of the report. It is our policy to relay the reported information to the appropriate authority for evaluation and any necessary follow-up. We feel you should be aware of the enclosed deidentified report.

To properly assess the usefulness of our alert message service, we would appreciate it if you would take the time to give us your feedback on the value of the information that we have provided. Please contact Dr. Becky Hooey at (408) 541-2854 or email at becky.l.hooey@nasa.gov.



Aviation Safety Reporting System
P.O. Box 189 | Moffett Field, CA | 94035-0189



ACN 1775378

DATE / TIME

Date of Occurrence	202012
Local Time Of Day	0601 to 1200

PLACE

Locale	ZZZ.Airport
State	US
Altitude - AGL	0

AIRCRAFT / EQUIPMENT X

Make Model Name	Regional Jet 700 ER/LR (CRJ700)
-----------------	---------------------------------

PERSON 1

Function - Maintenance	Technician
ASRS Report Number	1775378

EVENTS

Anomaly	Deviation / Discrepancy - Procedural - Maintenance
Anomaly	No Specific Anomaly Occurred - Unwanted Situation
Detector - Person	Maintenance
Result - General	None Reported / Taken

NARRATIVE 1

I have witnessed a potential for aircraft spoiler damage during flap rigging. When rig boards are installed on aircraft for a mechanical flap rigging the outboard flap rigging task requires you to turn on hydraulics. Even though the manual tells you to keep the spoiler lever at zero, I have witnessed them deploy if the aircraft has been powered up recently during its self-BITE (Built-in Test Equipment) checks. This can cause the spoiler to hit the rig board if installed. The manual does not tell you to pull circuit breakers for the spoilers during rigging, just to put a placard saying not to operate spoilers, but aircraft cannot read placards.

[I suggest] a page that requires you to pull and lock out the spoiler circuit breakers. This will prevent any accidental deployment.

SYNOPSIS

Maintenance Technician reported potential for CRJ-700 aircraft spoiler damage during flap rigging.