



REFERENCE INSTRUCTION LETTER (RIL)

RIL # 9418
Revision: --
Issue Date: 10/18/2022

Subject	Air Wisconsin MSN:7812 runway excursion in KDAY
Model	CL600-2B19 (CRJ200)
Applicability	7812
Operator	Air Wisconsin
ATA	3200
References	/A/ RLAB-22-27960206 /B/ Aircraft Maintenance Manual CSP A-001 /C/ CMM 32-20-04
Issue	Return to Service instructions

RESOLUTION:

Please perform these steps to detect any faults/confirm systems serviceability:

1. Perform the AMM TASK 32-43-00-780-801, Pressure Test of the Brake System.
 - a) Please report if any abnormal amount of air is present during the brake/tooling bleeding.
 - b) Check to make sure that the brakes are releasing when rudder pedals are released (no dragging brake).
 - c) Report and repair fault found, if any.
2. Perform the AMM TASK 32-47-01-720-805, Functional Test of the Brake Application Pressure Transducer.
 - a) Please report the values at max brake application.
 - b) Report and repair fault found, if any.



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3. Perform the AMM TASK 32-44-00-720-801, Functional Test of the Antiskid System.
 - a) Please report and repair fault found, if any.
4. Perform the AMM TASK 32-50-00-740-801, BITE Test of the Steering System.
 - a) Consider shaking the steering harness during this procedure and check for adverse effects.
 - b) Please report if the NLG steering is centered or not with the rigging pin installed & confirm alignment of the LH and RH set of rudder pedals.
 - c) Report and repair fault found, if any.
5. Perform the AMM TASK 32-51-00-710-801, Operational Test of the Nosewheel Steering – Torque Link Assembly Connected.
 - a) Consider shaking the steering harness during this procedure and check for adverse effects.
 - b) With no inputs (pedals or HCU), check for steering oscillations.
 - c) Please report and repair fault found, if any.
6. Check for wear or excessive free play in the steering collar iaw the CMM 32-20-04 p.b. 7000.
 - a) Please report and repair fault found, if any.
7. Perform the AMM TASK 32-61-25-760-801, Electrical Integrity Check of the Nose Steering Harness.
 - a) Consider shaking the steering harness during this procedure and check for adverse effects.
 - b) Please report and repair fault found, if any.
8. Perform the AMM TASK 32-51-01-220-801 Step 3.A.(1), Detailed Inspection of the Steering Handwheel-Control-Unit (return time test).
 - a) Please report and repair fault found, if any.
9. Perform the AMM TASK 09-20-00-585-801, Taxiing of the aircraft.
 - a) Make sure that there is no lateral deviation when there is no pedals/HCU inputs.
 - b) Please report and repair fault found, if any.
10. Perform the AMM TASK 32-51-10-700-801, Interrogation of the Non-Volatile Memory of the Nosewheel Steering ECU.
 - a) Download the NVM FAULT log.



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11. Perform the AMM TASK 45-45-00-970-801, Write Maintenance Data from the MDC to the FMS/MDC Data Loader.

a) Download the MDC LRU failure history.

Please fill out to these questions:

Have maintenance adjustments or LRU replacements been performed on any of the following systems within the last two weeks? If yes, please specify.

- Nose wheel Steering ____ Specify: _____
- Brakes or Anti-Skid ____ Specify: _____
- Rudder System ____ Specify: _____
- Aileron System ____ Specify: _____
- Tires ____ Specify: _____
- Shock Struts ____ Specify: _____
- Spoiler System ____ Specify: _____
- Thrust Reversers ____ Specify: _____

What is the Tire Pressure:

Left Nose: ____ Right Nose: ____

Loutbd Main: ____ Linbd Main: ____ Rinbd Main: ____ Routbd Main: ____

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