



**A319**

***Engine Condition Monitoring***

***Weekly Report***

***ECM-LWA-Y23/W39-MSN2905***

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Via Osteria Grande 57  
37066 – Sommacampagna – Verona - Italy

## ECM WEEKLY REPORT

A/C Type	A/C MSN	Pos	Engine S/n	Engine Type	Last Data Date	Last Flight Date	Cr. ΔEgt	Cr. ΔN2	Cr. ΔFF	Cr. N1 Vibs	Cr. N2 Vibs	Cr. Oil Temp.	Cr. Oil Press	To.EGT	To.N1	To.N2	Oil consumpt.	CFM Alert
A319-112	2905	1	577787	CFM56-5B6/P	2023-09-24	2023-09-29	OK	OK	OK	OW	OK	OK	OK	OK	OK	OK	OK	OK
		2	577788	CFM54-5B6/P	2023-09-24	2023-09-29	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

**Summary / Analysis / Recommendations:**

ESN 577787 and ESN 577788 have been checked for primary parameters shifts from baselines and for secondary parameters limits as per approved maintenance manuals.

**ESN 577787 N1 Vibrations:**

2023/Sep/29: Asked an update to LWY on 2023\_09\_29 email h 09:20 about EO77-011R00 signed by not performed (Fan Trim Balance with the EVMU) (the "NEW" weight configuration is identical to the OLD one);

2023/Sep/22: EO77-011R00 signed by not performed (Fan Trim Balance with the EVMU) (the "NEW" weight configuration is identical to the OLD one); LWY informed on 2023\_09\_22 email h 12:59;

2023/Sep/08: Performed EO77-010 on Sept 03th,2023 to acquire flight data and planned EO77-011 within Sept 16th, 203 perform Fan Trim Balance;

2023/Aug/25: Issued EO77-010, EO77-011 to acquire flight data and perform Fan Trim Balance (due date 09Sept and 23 Sept respect.);

2023/Jul/21: Accomplished WC-EO-77-005 (WC 1995) "Fan Trim Balance with the EVMU"

2023/Jul/14: No news on WC-EO-77-005 (WC 1995) "Fan Trim Balance with the EVMU"

2023/Jun/19: Planned WC-EO-77-005 (WC 1995) "Fan Trim Balance with the EVMU" (overdue at 2023/Jun/09) for the Jun 30th, 2023;

2023/May/30: Performed WC-EO-77-004 "Unbalance Data acquisition during flight" and planned WC-EO-77-005 "Fan Trim Balance with the EVMU" (overdue at 2023/Jun/09);

2023/May/25: As indicated by CFM, EO to be performed to acquire Flight vibs data through the EVMU and to perform a Cold trim balance;

2023/May/17: N1 Vibs picks are no more present; trend back to normal values;

2023/Apr/26: WC-EO-72-015 (WC1979) performed during A-check (2023\_04\_14) together with fan blade relub MP Task; N1 Vibs picks are no more present but there is no evident trend back;

2023/Apr/14: WC-EO-72-015 (WC1979) will be performed during next A-check;

2023/Apr/07: WC-EO-72-015 (WC1979) not performed yet; informed MMgr to speedup process to perform TS;

2023/Apr/04: WC-EO-72-015 (WC1979) not performed yet; informed Planning to speedup process to perform TS;

2023/Mar/17: WC-EO-72-015 (WC1979) not performed yet;

2023/Mar/06: WC-EO-72-015 (WC1979) not performed yet; Vibs level high expecially during takeoff! 6 Alerts from CFM; CFM requested to be informed about troubleshooting; Planning informs LWY to speedup process;

2023/Feb/10: Takeoff N1 Vibs for both engines very close to the upper limit of 4AC Units; informed Planning to speedup process to perform TS

2023/Feb/03: Issued WC-EO-72-015 (WC1979) to troubleshoot;

2023/Feb/03: Cruise N1 Vibs OW due to values up to 2,1 A/c Units;

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Summary/ Analysis / Recommendations:

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Checked by: Francesco De Negri









