



**A319**

***Engine Condition Monitoring***

***Weekly Report***

***ECM-LWA-Y24/W19-MSN2954***

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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 Tp.	Cr. Oil Press	To.EGT	To.N1	To.N2	Oil consumpt.	CFM Alert
A319-112	2954	1	577849	CFM56-5B6/P	2024-05-04	2024-05-09	OK	OK	OK	OW	OK	OK	OK	OK	OK	OK	OK	OK
		2	577850	CFM54-5B6/P	2024-05-04	2024-05-09	OK	OK	OK	OK	OK	OW	OK	OK	OK	OK	OK	OK

**Summary / Analysis / Recommendations:**

ESN 577849 and ESN 577850 have been checked for primary parameters shifts from baselines and for secondary parameters limits as per approved maintenance manuals. Engine Oil Consumption reveals no shift from average values and no sudden shifts; the AMM Limits are respected.

**ESN577849 (TO. N1 Vibs.):**

2023-04-09: N1 Vibration trend decreasing especially in the TO Phase;  
 2023-04-05: Relubrication performed, waiting for new data;  
 2023-03-25: Relubrication to be performed in Week 13;  
 2023-03-22: Reproposed the relubrication, waiting for answer.

2023-03-11: Mr.Elmalian highlight a CNR report stating that N1 Vibs are increasing; we proposed to

1. Anticipate to next week the accomplishment of 722000-C3-1-LH (WC1549) (DETAILED INSPECTION AND RELUBRICATION OF FAN BLADE DOVETAILS, MIDSPAN SHROUDS, SPACERS, PLATFORMS AND FAN DISK DOVETAIL SLOTS) since it has a remaining life of 588FC (due date 24Sept2024); no answer.

**ESN577850 (Cr. Oil Tp.):**

2023-09-15: (email 11:30) Asked Mr.Abdulrahman in order to proceed with the TSM TASK 79-00-00-810-835-A;

2023-03-31: (email 12:50) Asked Mr.Abdulrahman in order to proceed with the TSM TASK 79-00-00-810-835-A;

2023-03-31: Mr.Essam sent the PFR: no evidence of SENSOR-TEMP, RIGHT WING TK OUTER CHANNEL A (30QJ2);

2023-03-20: LWA kindly asked Mr.Essam to provide PFR; Waiting for the PFR;

2023-03-17: No news from LWY; asked again LWA (email dated 17/03/2023 12:29);

2023-03-08: Again pushed to have PFR;

2023-03-06: No news from LWY;

2023-02-23: TS Done but no PFR Message found ;asked LWY via email to have the last PFR; waiting for those PFR to reissue another TS;

2023-02-16: Planned within February 19th, 2023 the WC-EO-79-005R00 (WC1975) to TS as per TSM Task 79-00-00-810-835-A FUEL LEVEL SENSING R OUT TEMP SENSOR 30QJ2" due to SENSOR-TEMP, RIGHT WING TK OUTER CHANNEL A (30QJ2) suspected

2023-02-03: Planned for February 12th, 2023 the WC-EO-79-005R00 (WC1975) to TS as per TSM Task 79-00-00-810-835-A FUEL LEVEL SENSING R OUT TEMP SENSOR 30QJ2" due to SENSOR-TEMP, RIGHT WING TK OUTER CHANNEL A (30QJ2) suspected

2023-01-11: Issued WC-EO-79-005R00 to TS as per TSM Task 79-00-00-810-835-A FUEL LEVEL SENSING R OUT TEMP SENSOR 30QJ2" due to SENSOR-TEMP, RIGHT WING TK OUTER CHANNEL A (30QJ2) suspected

2023-01-11: Oil Temp trend unstable, on watch for further data

# ECM WEEKLY REPORT

Summary/ Analysis / Recommendations:

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Checked by: Francesco De Negri









