

MARK TURNER Attn: MARK TURNER 212 VINTAGE DR Aircraft: VANS S/N: 140296 Tail No.: N714MT Date: 8/15/2023 Engine S/N: EL83080E Engine Model: LYC. 390

MADISON MS 39110 United States

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results. **CURRENT SAMPLE** SAMPLE APPEARS NORMAL. Send next sample at normal interval. Elevated Normal Sample Date: 8/13/2023 **OIL ANALYSIS RESULTS IN PARTS PER MILLION** Analysis Date: 8/14/2023 Copper Nickel Chromium Silver Magnesium Aluminum Lead Silicon Titanium Tin Iron Moly. Sample Number: P56 N/A 0.5 1.0 13 649 49 N/A N/A 6 1 4 1 < 0.1 Cylinder Type: unknown (N/A) (N/A) (N/A) (N/A) (N/A) (N/A) (N/A) (N/A) FILTER ANALYSIS RESULTS *** *** TSN/TSO: 62.9 **Stainless** Carbon Alloy Bearing Copper Silver Magn. Alum. Grit Misc. Material: Steel Steel Alloy Steel Oil Hours: unknown Amount: Filter Hours: 29 Oil Added: Type: Filter Wt. (mgs): Flashpoint(deg. F): Form: H20 (ppm): Total Acid No.: Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE. SAMPLE APPEARS NORMAL. Send next sample at normal interval. **PREVIOUS SAMPLE 1** Normal Elevated Sample Date: 11/1/2022 **OIL ANALYSIS RESULTS IN PARTS PER MILLION** Analysis Date: 11/3/2022 Iron Copper Nickel Chromium Silver Magnesium Aluminum Lead Silicon Titanium Moly. Tin Sample Number: P42 N/A N/A 3.2 758 N/A < 0.1 N/A 7 8 72 0.6 26 113 Cylinder Type: unknown (N/A) (N/A) (N/A) (N/A) (N/A) (N/A)(N/A) (N/A)*** FILTER ANALYSIS RESULTS *** TSN/TSO: 33.6 Bearing Carbon **Stainless** Alloy Copper Silver Magn. Alum. Grit Misc. Material: Allov Steel Steel Steel Oil Hours: 24 Amount: Filter Hours: 24 Oil Added: Type: Filter Wt. (mgs): Flashpoint(deg. F): Form: H20 (ppm): Total Acid No.: Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE. **PREVIOUS SAMPLE 2** Elevated SAMPLE APPEARS NORMAL. Send next sample at normal interval. Normal Sample Date: 5/12/2022 OIL ANALYSIS RESULTS IN PARTS PER MILLION Analysis Date: 6/3/2022 Iron Copper | Nickel | Chromium | Silver | Magnesium | Aluminum | Lead Silicon Titanium Tin Molv. Sample Number: P62 4.3 N/A 4.3 386 20.3 N/A < 0.1 N/A 10.2 0.5 1.3 Cylinder Type: unknown (N/A) (N/A) (N/A) (N/A) (N/A) (N/A) (N/A) (N/A) FILTER ANALYSIS RESULTS *** TSN/TSO: 9.6 Stainless Carbon Alloy Bearing Copper Silver Magn. Alum. Grit Misc Material: Steel Steel Steel Allov Oil Hours: unknown Amount: Filter Hours: Oil Added: Type: Filter Wt. (mgs): Flashpoint(deg. F): Form: H20 (ppm): Total Acid No.:

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.