



Laura Abraham
Air Safety Investigator
Central Region

Date: May 26, 2024

Subject: CEN23LA268 Memorandum of Record
Engine and Airframe Logbook Entries Review

Contact: Laura Abraham, Investigator in Charge

- A review of the engine and airframe logbook entries did not reveal any discrepancies of uncorrected defects with the engine or powerplant.
- Excerpts are attached to this memorandum.

Maintenance Records – N340XL

Engine

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				8-25-2022 N340XL Lycoming IO540-EXP S/N L-12807-48 tach reading 528.2 Differential compressions Cold- 1 45/80 (rings); 2 68/80; 3 68/80; 4 67/80; 5 68/80; 6 67/80. I certify this engine has been inspected in accordance with the scope and detail of FAR 43, appendix D and determined to be in a safe operating condition at this date and time. Tri State Airmotive LLC Larkin Floyd, [REDACTED]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Serviceable Customer <u>Bob Mappert</u> Work Order No. <u>Slide Magneto</u> Item _____ Part No. <u>6355</u> Serial No. <u>07110031</u> Total Time _____ T.S.O. _____ Description <u>Repair Only - new coil, seal & rotor gear M3328-25 Bench checked</u> Signature <u>[REDACTED]</u> Date <u>2-9-22</u>
2-15-2022				INSTALLED SLICK MAGNETO P/N: 6355, S/N 07110031 AFTER BEING INSPECTED & REPAIRED BY TRI-STATE AIRMOTIVE, LLC. TIMED TO 2500 RPM [REDACTED]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-9-18	504.6		504.6	OIL CHANGE @ 10.3 HRS ON OIL SERVICED WITH 90TS PHILLIPS 20/50
			95.9	100% CAM GUARD, NEW OIL FILTER
			SINCE	TEST RUN UP - NO LEAKS
			TDI	[REDACTED]
3/22/21	511.4		511.4	I certify this engine has been inspected I/A/W the scope of FAR 43 appx D and determined to be in a safe operating condition at this time. All compressions 74/80 or above. Changed oil & filter. 90ts Phillips 20W/50 and AA48109 filter. [REDACTED]
	102.7 SINCE @ 3-6-13		TDI	[REDACTED]
2-7-2022				REMOVED RH MAG PART# E355, S/N 07110031 FOR REPAIR. [REDACTED]

Airframe

YEAR: 2022 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-28				- REPLACED BRAKE LININGS & ROTORS FOR RH & LH MAINS PN: LININGS - RA66-105 ROTORS -
				- REPACKED BEARINGS
				- JACKED AIRPLANE & PERFORMED RETRACTION/EXTENSION CHECK PLUS EMERGENCY EXTENSION - SYSTEM OPERATING NORMALLY AND CORRECT.

8-25-2022 N340XL Velocity XLRG S/NR3X010 tach reading 528.2
I certify this aircraft has been inspected in accordance with a conditional inspection as per the Velocity check list and/or FAR 43 appendix D and determined to in a safe operating condition at this date and time.
Tri State Airmotive LLC Larkin Floyd [REDACTED]

YEAR: 2022 DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/22	511.4		511.4	I certify this aircraft N340XL has been inspected IIA/W a conditional inspection as per the Velocity annual conditional inspection checklist, and FAR 43 appx D and determined to be in a safe operating condition at this time. R & R R & L MAG tires with new. See attached tags. [REDACTED] - END -
10 2022				REPLACED LEFT MAG - [REDACTED] [REDACTED]

Sarasota Avionics Inc. Venice Airport (VNC)
120 West Airport Ave Venice FL 34285
Tail No: N340XL VELOCITY SN: R3X010
Date: 3/15/2019 Work Order: 11193



The Automatic pressure altitude reporting equipment (SSD120/ SN: 02334) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. The transponder (KT76C / SN: X1725) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

[REDACTED] for Sarasota Avionics Inc. [REDACTED]

YEAR: 2018 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/8/18	504.6		504.6	I certify this aircraft N340XL has been inspected IAW a conditional inspection as per the Velocity annual conditional inspection checklist, and FAR 43 appy D and determined to be in a safe operating condition at this time. [REDACTED]