

Mr. Horacek,

As requested, I am writing this regarding Bellanca N9996V.

On April 5th 2024, I inspected the engine to determine what caused the failure. I removed the top cowling and found that the oil filter adapter was loose. I deduced that the engine lost oil from the loose adapter.

Upon further inspection, I found that the safety wire had been cut. I realized that the safety wire was the wire I cut when removing the adapter to comply with Airworthiness Directive 2023-17-04, a few days prior to the flight. After installing the oil filter adapter, I was distracted because of a time limit with access to the hangar. I went for a quick lunch and returned to finish the airframe and engine inspection, not realizing I hadn't safety wired the oil filter adapter.

There were no leaks at the first run-up or the first half of the maintenance flight. In my opinion the adapter loosened due to engine vibration, because of the lack of safety wire.

In the future I need to be more diligent in ensuring that all operations are complete, and to make adjustments to my daily schedule to prevent getting rushed.

Best regards,

Winston Larison

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