



NTSB MEMORANDUM OF RECORD

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National Transportation Safety Board

Date: October 31, 2024
NTSB Accident Number: ERA25FA037
Medical and Pathological Information

EVENT INFORMATION

NTSB ID: ERA25FA037

LOCATION: Wilder, TN

DATE: 10/31/2024

CASE-SPECIFIC MEDICAL EVIDENCE REVIEWED (FACTUAL)

- Final FAA Medical Case Review
- Autopsy Report (Including NMS Labs Toxicology Report) – Pilot
- FAA Forensic Sciences Laboratory Toxicology Report – Pilot
- Pharmacy Records – Pilot
- NTSB IIC Record of Conversation with Pilot's Wife (1/29/2025)

AUTOPSY BASIC INFORMATION (FACTUAL)

Includes only information about who performed the autopsy and the cause and manner of death information provided in the autopsy report. Any pertinent positive autopsy findings will be separately identified under "Pertinent Positives" below.

The Knox County Regional Forensic Center performed the pilot's autopsy, as authorized by the Fentress County Medicolegal Death Investigator. According to the pilot's autopsy report, his cause of death was multiple blunt force injuries, and his manner of death was accident.

PERTINENT POSITIVES (FACTUAL)

Evidence of conditions or substances associated with increased risk of operator impairment or incapacitation:

Postmortem toxicological testing by the FAA Forensic Sciences Laboratory detected lamotrigine at 9525 ng/g in the pilot's liver tissue and at 6085 ng/mL in his urine.

Pharmacy records indicated that the pilot had been prescribed lamotrigine (75 mg by mouth daily, at bedtime), by a psychiatrist, most recently on October 23, 2024. The pilot's prescribed lamotrigine dosage had been the same since March 2024. Pharmacy



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records also indicated a past prescription for atomoxetine (a prescription medication that may be used in the treatment of attention-deficit/hyperactivity disorder).

DESCRIPTIONS OF PERTINENT POSITIVE SUBSTANCES (FACTUAL)

Lamotrigine - Lamotrigine is a prescription medication that can be used to treat seizure disorders and bipolar disorder, and for migraine headache prevention. Lamotrigine typically carries a warning that it may cause dizziness, sleepiness, and other symptoms and signs of central nervous system depression, and that users should not drive or operate other complex machinery until they have gained sufficient experience to gauge whether the drug adversely affects their mental and/or motor performance. The FAA considers lamotrigine to be a "do not issue/do not fly" medication. According to the FAA medical case review for this accident, lamotrigine use is not acceptable for pilot medical certification.