



MEMORANDUM FOR RECORD

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July 8, 2022

Subject: NTSB investigation ERA21FA212, Ted Smith Aerostar 600, C-FAAZ, LaBelle, Florida, May 6, 2021. Autopsy and Medical Information – Pilot

Medical and Pathological Information:

An autopsy of the pilot was performed by the District 21 Medical Examiner, Ft. Meyers, Florida. The cause of death was multiple blunt force injuries, and the manner of death was accident.

Toxicology testing performed by the Federal Aviation Administration Bioaeronautical Sciences Research Branch detected the following substances.

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Heart)	UV/VIS
Ethanol	Not Detected	Blood (Heart)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	10 (mg/dL)	Urine	Analyzer
Lamotrigine	Detected	Blood (Heart)	LC/MS
Lamotrigine	Detected	Urine	LC/MS
Cetirizine	137 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Cetirizine	Detected	Urine	LC/MS
Codeine	4 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Codeine	410 (ng/mL, ng/g)	Urine	GC/MS
Morphine	Not Detected	Blood (Heart)	GC/MS
Morphine	281 (ng/mL, ng/g)	Urine	GC/MS
Acetaminophen	Detected	Blood (Heart)	LC/MS
Acetaminophen	Detected	Urine	LC/MS

The 67-year-old male pilot was a Canadian national and had never applied for an FAA medical certificate. According to the TSB correspondence, the pilot's most recent medical examination was completed in May 2020. The pilot was issued a category 1 license with knowledge of a previous condition and knowledge of currently taking Xarelto (rivaroxabam). The pilot had a restriction that he was to have reading glasses available. According to the autopsy report, the pilot's cause of death was atlanto-occipital

dislocation due to blunt force head and neck trauma due to airplane crash and the manner of death was accident. No significant natural disease was identified.

Toxicology testing detected cetirizine in the pilot's heart blood at 137 ng/mL and urine. Codeine was detected at 4 ng/mL in his heart blood and urine; morphine was detected in his urine. Lamotrigine was detected in the pilot's heart blood and urine. The non-sedating pain medications acetaminophen and ketorolac were detected in blood and urine; caffeine was detected in his blood.