



MEDICAL INFORMATION

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Review of medical information obtained from the Bexar County Medical Examiner's Office and the Federal Aviation Administration.

Private Rated Pilot

- The private rated pilot, age 38, was also the airplane owner.
- He held a private pilot certificate with an airplane single engine land rating.
- On his most recent application for medical certificate, dated July 9, 2019, the pilot reported accumulating 295 total hours, with 70 hours in the preceding 6 months.
 - He was issued a second class medical without limitations.
- The pilot's log book was located in the wreckage and photo documented.
 - He received his student pilot certificate on July 17, 2014.
 - He received his private pilot certificate on October 3, 2014.
 - The pilot's total time is estimated to be 404.9 total hours, with at least 151.4 hours in make and model. He also had about 51.8 hours of night flight time.
- On December 2, 2019, an autopsy was performed on the pilot by the Bexar County Medical Examiner's Office. The autopsy found only blunt force injuries and the conclusion was that the pilot died as a result of blunt force injuries.
- Toxicology testing performed on specimens from the pilot was negative for all tested substances.

Flight Instructor

- The flight instructor, age 71, held a flight instructor certificate with ratings for airplane single engine and instrument airplane. She also held a commercial pilot certificate with ratings for airplane single engine land and instrument airplane. In addition, she was a ground instructor with rating for advanced and instrument and also remote pilot (small unmanned aircraft system).
- On her most recent application for medical certificate, dated May 12, 2016, she reported her total time as 2,150 hours, with 270 hours in the preceding 6 months.
 - The instructor reported the following medications to the FAA:
 - Amlodipine, atorvastatin, olmesartan, and aspirin.
- She applied for a BasicMed certificate on March 8, 2018, and the Comprehensive Medical Examination Checklist (CMEC) on March 7, 2018.

- The flight instructor's log book was not located for the investigation.
- On December 2, 2019, an autopsy was performed on the instructor by the Bexar County Medical Examiner's Office. The autopsy found only blunt force injuries and the conclusion was that the instructor died as a result of blunt force injuries.
- Toxicology testing performed on specimens from the instructor found the presence of ethanol in the liver, but not muscle. Testing also found the presence of amlodipine and atorvastatin, both of which were previously reported to the FAA.
 - Amlodipine is used with or without other medications to treat high blood pressure. It belongs to a class of drugs called calcium channel blockers. Amlodipine is also used to treat angina pectoris, which is chest pain due to lack of blood supply from the arteries in the heart.
 - Atorvastatin is in a group of drugs called HMG CoA reductase inhibitors or "statins". The medication reduces levels of "bad" cholesterol (low-density lipoprotein, or LDL) and triglycerides in the blood, while increasing levels of "good" cholesterol (high-density lipoprotein, or HDL).

There was no evidence of medical impairment detected in either pilot.