



MEMORANDUM FOR RECORD

Dennis Diaz
Regional Chief
Eastern Region Aviation

March 21, 2018

Subject: ERA15LA291
Who: Matthew Santonastaso - Pilot

In an email, Mr. Santonastaso stated the following:

- The cause of the engine failure was because a bad wire crimp going to the coil packs.
- One of the cylinders of the motor had no spark and it was still running but on one cylinder during the accident.
- The coolant in the motor we suspect entered into the air intake. We suspect when the radiator cracked the pressured coolant sprayed the air intake. This is the only story that makes sense because running the engine worked it all out and coolant doesn't enter the combustion chamber anymore after many hours.
- The reason it took so long to discover the problem is because the bad crimp was an intermittent connection and after the accident the engine ran perfect.
- It took me accidentally bumping the wire harness when it was idling to discover it.