

As a Senior Consultant and data recorder expert, Mr. Cash performs the extraction and decoding of recorded data recovered from transportation vehicles of all types relating to work across multiple offices of Engineering Systems Inc. (ESi).

Prior to joining ESi, he worked for 35 years as recorder specialist at the National Transportation Safety Board (NTSB). While there, his work focused on establishing specialized laboratory facilities and equipment, research, development, and implementing cutting edge technology for the recovery of data from damaged electronic recording devices, including onboard accident recorders, GPS and other avionics displays, video recordings, and still images from sources such as hand-held and security cameras, and data contained in smart phones and tablets. Additionally, for the past 20 years, he represented the U.S. government position at both domestic and international aviation and maritime recorder meetings, establishing minimum performance and equipage requirements.

Mr. Cash was a pilot in the U.S. Air Force and has over 3000 hours flying fighter aircraft. He possesses multi-engine instrument ratings in aircraft and has experience in both piston and turbine helicopters.

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## Education

BS, Electrical Engineering, Syracuse University

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## Positions Held

### Engineering Systems Inc., Peachtree Corners, Georgia

- Senior Consultant, 2017 – Present

### National Transportation Safety Board (NTSB), Washington, DC

- Chief Technical Advisor, 1999 – 2017
- Chief, Vehicle Recorder Division, 1995 – 2010
- Cockpit Voice Recorder Specialist, 1983 – 2017

## Contact Information

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## ESi Atlanta

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Peachtree Corners, GA 30092

## Areas of Specialization

- Aviation
- Electrical Engineering
- Lab & Inspection Services
- Automotive (Gas/EVs/Hybrids)
- Marine

**United States Air Force**

- Pilot, 1976 – 1983
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**Professional Affiliations/Honors**

- Presidential Rank Award, Distinguished Senior Professional, 2006
- Samuel J. Heyman Service to America Medal, Career Achievement, 2012