



JAMES R. CASH
SENIOR CONSULTANT

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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.

Areas of Specialization

Aviation Cockpit Voice - Flight Data Recorders
Marine Event Data Recorders
Rail Event Data/Image Recorders
Automotive Event Data/Image Recorders
Transportation Data Recording Devices

Education

B.S., Electrical Engineering, Syracuse University

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Professional Affiliations/Honors

Presidential Rank Award, Distinguished Senior Professional, 2006.

Samuel J. Heyman Service to America Medal, Career Achievement, 2012.

Positions Held**Engineering Systems, Inc., Washington, D.C.**

Senior Consultant, 2017 – present

National Transportation Safety Board (NTSB), Washington, D.C.

Chief Technical Advisor, 1999 – 2017

Chief, Vehicle Recorder Division, 1995 – 2010

Cockpit Voice Recorder Specialist, 1983 – 2017

United States Air Force

Pilot, 1976 – 1983