

JARED S. MCGILLICUDDY

SENIOR STAFF CONSULTANT



Mr. McGillicuddy is a degreed Mechanical Engineer with Engineering Systems Inc. (ESi) located in Ft. Myers, Florida. Prior to joining ESi, Mr. McGillicuddy was a crew chief and lead engineer in the IMSA and Grand-Am professional racing series and has experience in motorsports engineering, automotive and mechanical design, as well as vehicle dynamics and testing. His professional experience also includes vehicular accident investigation and reconstruction, failure analysis, product research, and automotive component testing.

At ESi, Mr. McGillicuddy is involved in the investigation and reconstruction of vehicular accidents, vehicle systems analysis, field documentation using FARO 3D Laser Scanning devices, as well as, downloading of vehicle Electronic Data Recording devices. He is also experienced in data analysis and vehicle testing.

Education

B.S., Mechanical Engineering, University of Florida, 2003

Licenses & Certifications

- Certified General Contractor, CGC# 1511226
- FAA Remote Drone Pilot
- FARO 3D Scanner Certification
- Forklift Operator Certification
- NASA National Auto Sport Association Driving Instructor
- SSI Certified Scuba Diver

Positions Held

Engineering Systems Inc., Ft. Myers, Florida

- Senior Staff Consultant, 2021 – Present
- Staff Consultant, 2015 – 2021
- Associate Consultant, 2014 – 2015

Rebel Rock Racing, Coconut Creek, Florida

- Crew Chief & Team Manager, 2011 – 2013

E-Tech Services, N. Ft. Myers, Florida

- Owner / Operator, 2006 – 2013

Contact Information

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ESi Fort Myers

12750 Commonwealth Drive
Ft. Myers, FL 33913

Areas of Specialization

- Accident Investigation
- Accident Reconstruction
- Automotive and Mechanical Design
- Design Performance and Failure Analysis
- Vehicle Dynamics and Testing

Continuing Education

- **Hyundai-Kia & Telsa EDR Tools Technician** – IPTM, 2025
- **Passenger Restraint Safety Systems** – IPTM, 2025
- **Event Data Recorder (EDR) Update and Analysis Course** – Ruth Consulting, Atlanta, Georgia, 2023
- **Event Data Recorder (EDR) Summit** – Crash Data Group Collision Safety Institute, Houston, Texas, 2020
- **Traffic Signal Timing Records Interpretation & Analysis** – University of Tennessee, 2020
- **ATV Safety Course** – Specialty Vehicle Institute of America, 2019
- **Accessing and Interpreting Heavy Vehicle Event Data Recorders** – SAE, 2018
- **Applied Vehicle Dynamics** – Precision Auto Research, 2018
- **Human Factors in Traffic Crash Reconstruction** – IPTM, 2017
- **FAA Remote Pilot Unmanned Aircraft License** – 2017
- **Symposium on Traffic Safety** – IPTM, Orlando, Florida, 2017
- **FARO 3D Scanner Certification** – 2016
- **Bendix Commercial Vehicle Brake Training** – 2016
- **Event Data Recorder Use in Traffic Crash Reconstruction** – IPTM, 2015
- **Commercial Vehicle Crash Investigation** – IPTM, 2015
- **Traffic Crash Reconstruction** – Northwestern University, 2014
- **Accident Investigation** – Northwestern University, 2014
- **Crash Data Retrieval Specialist (CDR), Technician Level 1** – Collision Safety Institute, 2014

Professional Affiliations/Honors

Society of Automotive Engineers (SAE)

- Member

American Society of Mechanical Engineers (ASME)

- Member