



**JARED S. MCGILLICUDDY**  
**STAFF CONSULTANT**

[jsmcgilllicuddy@engsys.com](mailto:jsmcgilllicuddy@engsys.com)

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 accident investigation and reconstruction of vehicular accidents, vehicle systems analysis, and 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.

**Areas of Specialization**

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

**Education**

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

**Professional Affiliations/Honors**

**Society of Automotive Engineers (SAE)**  
**American Society of Mechanical Engineers (ASME)**

## Positions Held

### **Engineering Systems Inc., Ft. Myers, Florida**

Staff Consultant, 2015 – Present  
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

## Continued Education

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

## Miscellaneous

Certified General Contractor CGC# 1511226

National Auto Sport Association Driving Instructor

SSI Certified Scuba Diver

Licensed Motorcycle Operator