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DAVID L. BECK
SENIOR STAFF CONSULTANT

dlbeck@engsys.com

Mr. David Beck is a Senior Staff Consultant for Engineering Systems Inc. (ESI). Mr. Beck has more than 20 years of experience leading and managing technical projects in the field of transportation including motor vehicles and aviation. Mr. Beck's prior roles cover contract design engineering (Design for Manufacturing) through the project management process (prior PMP/trained) to the testing and safety implementation (Six Sigma/Quality Control), as well as maintaining legacy systems. His areas of expertise include all areas of transportation engineering design, safety, and regulatory policy.

Areas of Specialization

Active and Passive Safety
Motor Vehicle Safety Regulations
Aviation Safety Regulations
Building Alliances/Partnerships
Research and Development
Food and Production Process
Environmental Regulations and Strategy
Federal Regulations and Strategy
Fire, Explosion, and Ordnance
Government Relations
Supply Chain Management
Occupational Safety and Health Regulations
Government Contracting Officer
Regulatory Risk Analysis Assessment
Rulemaking Process
System Safety and Engineering
Transportation Policy
Space Systems Compliance
UAS/UAV Regulations
Software Hardware Integration
Systems Engineering Integration

June 2017

Education

M. Science, Space Studies, Aeronautical Science, American Public University, (December 2018 Anticipated)
MBA, Marketing, University of Phoenix, 2005
B.S., Industrial Engineering, University of Southern Mississippi, 1996

Professional Affiliations

The International Council of Systems Engineering (INCOSE)
Member

American Institute of Aeronautics and Astronautics (AIAA)
Member

National Defense Industrial Association (NDIA)
Member

Positions Held

Engineering Systems Inc., Washington, DC
Senior Staff Consultant, 2017 – Present

Federal Aviation Administration, Washington, DC
Business Manager, 2016 – 2017

National Highway Traffic Safety Administration (NHTSA), Washington, DC
Safety Regulatory Engineer, 2013 – 2016

Pipeline Hazardous Materials Safety Administration, Washington, DC
Program Analyst, 2013 - 2013

Cole Chamberlain LLC, Los Angeles, California
Project Management Consultant, 2011 - 2012

Honeywell Turbo Technologies, Torrance, California
Commercial Program Manager, 2012 - 2012

Houdini, Inc., Fullerton, California
Senior Production Engineer, 2010 - 2011

Pratt & Whitney, San Diego, California
Commercial Program Manager, 2009 - 2010

General Electric Aviation, Cincinnati, Ohio
Aerospace Project Manager, 2008 – 2009

United Air Specialist, Inc., Cincinnati, Ohio
Senior Engineer, 2006 - 2008

Tenneco, Grass Lake, Michigan
Program Engineer/Resident
Engineer/Program Manager, 2001 – 2006

Federal Mogul, Hampton, Virginia
Senior Engineer, 1999 – 2001

BASF, Jackson, Mississippi
Chemical Production Engineer, 1997 - 1999

United States Marine Corps, Multiple Locations
Artillery, 1991 - 1997

Publications/Presentations

Principle Authors: **David Beck** and John Piazza "This final rule amends the rear license plate holder requirements contained in the (FMVSS) No. 108.", December 17, 2015. NHTSA, 49 CFR Part 571 (RIN 2127-AL41) *Federal Motor Vehicle Safety Standard Lamps, Reflective Devices, and Associated Equipment.*