



Solution Engineering Group®

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David G. Curry, Ph.D., CHFP, CSP Chief Scientist,

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Principal, Human Factors and Safety

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Areas of Expertise:

Human Factors
Safety
Slips/Trips/Falls
Operator Behavior
Labels and Warnings
Machine Guarding

Perception/Vision/Visibility
Industrial Ergonomics
Human/Machine Interface
Human Capabilities
Facility Evaluation for Human Use

Profile/Professional Experience:

Dr. Curry consults on all aspects of human factors, applied human performance, ergonomics, and safety. He is recognized as an expert in operator-vehicle interaction and is both a Certified Human Factors Professional and a Certified Safety Professional. He has published over fifty technical papers dealing with various issues relating to applied human performance and accident investigation. He holds several patents and has or does serve as a member of national standards-making committees for a variety of organizations (e.g., ANSI, ASTM, and SAE.) He has provided expert testimony in both State and Federal courts.

Dr. Curry holds graduate degrees in Experimental, Human Factors, and Cognitive/Perceptual Psychology, Industrial Engineering, and Business. His experience includes over 30 years of work in accident investigation, product design and development, operational testing and analysis, and both laboratory and field research in the control/display, aviation, and surface vehicle arenas. He retired as a Lieutenant Colonel from the Air Force Reserve, where he worked with the Air Force Research Laboratory in display technologies, aircrew training, and pilot-vehicle interfaces.

Professional Certifications:

BCPE Certified Human Factors Professional, BCSP Certified Safety Professional, Professional Member, American Society of Safety Engineers

Affiliations:

Human Factors and Ergonomics Society, Association for Psychological Science, Society of Automotive Engineers (SAE), American Society of Testing Materials (ASTM)

Publications, Major Presentations and Patents:

Dr. Curry has published over 50 technical papers, given more than 50 major presentations, holds 4 patents and 8 defensive publications (in lieu of patents).