



Phone: 512-560-2088
edward.recon@gmail.com

EDWARD R. INGRAM, P.E.
Consulting Engineer, Mechanical & Vehicle
Accident Investigation & Reconstruction

Professional Summary

Bachelor of Science Degree in Mechanical Engineering
Registered Professional Engineer (P.E.)
Accredited Traffic Accident Reconstructionist (ACTAR)

Primary Areas of Consultation:

Motor vehicle accident investigation and reconstruction; crush damage; black box data, mechanical equipment.

Professional Experience

1999- Present RECON Engineering, Inc.
Austin, Texas
President

Responsible for forensic investigations and analyses of motor vehicle accidents, mechanical systems and worksite injuries. Motor vehicle accident investigations and reconstructions involve commercial vehicles, passenger vehicles, motorcycles, bicycles, pedestrians and livestock. Airbag module “Black Box” data is routinely gathered. Low speed impact evaluations encompass rear, front, side and oblique collisions, several of which have been reproduced in instrumented, staged collisions. Mechanical system evaluations have included brake systems, steering systems, plumbing failures, mechanical equipment malfunctions, fire extinguisher failures, man-lift injuries, slip & falls, and light bulb “On or Off” evaluations.

1996-1999 Bison Engineering, Inc.
Kingwood, Texas
Consulting Engineer (Same as outlined above)

1990-1996 CH&A Corporation (Now EFI Global)
Kingwood, Texas
Consulting Engineer (Same as outlined above)

1988-1990 FORD AEROSPACE
BOEING AEROSPACE OPERATIONS, INC.
Houston, Texas
Reliability Subsystem Engineer

Responsible for certifying the reliability of mechanical systems on NASA's fleet of Space Shuttles. Areas of work included the landing gear, brakes, thermal control and air quality.

EDUCATION

B.S., MECHANICAL ENGINEERING	Texas A&M University	(1988)
Advanced Accident Investigation (80 hours)	Texas A&M University	(1991)
Motor Vehicle Accident Reconstruction (14)	Soc. Automotive Eng.	(1992)
Low-Speed Crash Tests, Human Factors (20)	Texas Assoc. of Accident & Biomechanics Recon Specialists	(1992)
Comm. Vehicle Inspection/Acc. Invest (40)	Texas A&M University	(1993)
Advanced Commercial Vehicle (36)	Texas A&M University	(1994)
Accident Inv. & Reconstruction		
Bio-Mechanics of Accidents (30)	Texas A&M University	(1995)
Traffic Accident Recon. & Litigation (13)	Lawyers & Judges Pub	(1998)
Fundamentals of Sensor Design (6)	Soc. Automotive Eng.	
(1999) for Automotive Airbag Systems		
Accident Recon: State-of-the-Art (12)	Soc. Automotive Eng.	(1999)
CVSA Inspection Familiarization (8)	Comm Veh. Safety Alliance	(2000)
Child Safety Restraints & Comm. Vehicle EDR's (8)	TAARS	(2002)
CDR Tool (Black Box) – User Certification (24)	IPTM	(2004)
ARC-CSI Crash Conference (28)	Las Vegas	(2005)
ARC-CSI Crash Conference (28)	Las Vegas	(2006)
Vista FX3 Diagramming & Animation (24)	Visual Statement	(2008)
English XL Variable Incidence Tribometer (8)	William English	(2009)

REGISTRATIONS

Professional Engineer (P.E.) (1993)
Traffic Accident Reconstructionist (ACTAR) (1994)
CDR Tool Certification (2004)
English XL VIT (Slip & Fall Meter) (2009)

ASSOCIATIONS

TAARS – Texas Association of Accident Reconstruction Specialists