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Austin, TX 78750

**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 and pedestrians. Airbag module "Black Box" data is routinely gathered from passenger vehicles.

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>B.S., MECHANICAL ENGINEERING</b>	Texas A&M University	(1988)
Advanced Accident Investigation (80 hours)	Texas A&M University	(1990's)
Motor Vehicle Accident Reconstruction (14)	Soc. Automotive Eng.	
Low-Speed Crash Tests, Human Factors (20) & Biomechanics	Texas Assoc. of Accident Recon. Specialists	
Comm. Vehicle Inspection/Acc. Invest (40)	Texas A&M University	
Advanced Commercial Vehicle (36) Accident Inv. & Reconstruction	Texas A&M University	
Bio-Mechanics of Accidents (30)	Texas A&M University	
Traffic Accident Recon. & Litigation (13)	Lawyers & Judges Pub	
Fundamentals of Sensor Design (6) for Automotive Airbag Systems	Soc. Automotive Eng.	
Accident Recon: State-of-the-Art (12)	Soc. Automotive Eng.	
CVSA Inspection Familiarization (8)	CVSA	(2000's)
Child Safety Restraints & Comm. Vehicle EDR's (8)	TAARS	
Tire Failure Analysis (12)	U of Calif., Riverside	
CDR Tool (Black Box) – User Cert. (24)	IPTM	
ARC-CSI Crash Conference (28)	ARC-CSI	
ARC-CSI Crash Conference (28)	ARC-CSI	
CDR User's Conference (16)	ARC-CSI	
Vista FX3 Diagramming & Animation (24)	Visual Statement	
CXLT Slip Meter Certification (8)	William English	
Pedestrian/Bicycle Crash Inv (30)	IPTM	(2010's)
Pilot/Escort Car & Flagger Cert. (8)	RSA Network	
CDR User's Conference (18)	ARC-CSI	
ARC-CSI Crash Conference (28)	ARC-CSI	
Reconstruction Methods(20)	CAARS	
EdgeFX Diagramming (40)	Visual Statement	
GPS Forensics and Blackthorn Cert (16)	Berla Corp	
EDR Summit (16)	CDR-CSI	

## 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