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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 analysis; “black box” and “infotainment” system data extraction; animations; mechanical equipment failure analysis

**Professional Experience**

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

Primary areas of consultation and expert testimony include forensic investigation, analysis and animation of motor vehicle accidents and mechanical systems or equipment. Motor vehicle accident investigations and reconstructions involve commercial vehicles, passenger vehicles, motorcycles, bicycles and pedestrians.

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

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

1988-1990 FORD AEROSPACE Houston, Texas  
BOEING AEROSPACE OPERATIONS, INC.  
*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)	Texas Assoc. of Accident & Biomechanics	Recon. Specialists

Comm. Vehicle Inspection/Acc. Invest (40)	Texas A&M University	
Advanced Commercial Vehicle (36)	Texas A&M University	
Accident Inv. & Reconstruction		
Bio-Mechanics of Accidents (30)	Texas A&M University	
Traffic Accident Recon. & Litigation (13)	Lawyers & Judges Pub	
Fundamentals of Sensor Design(6)	Soc. Automotive Eng.	
for Automotive Airbag Systems		
Accident Recon: State-of-the-Art (12)	Soc. Automotive Eng.	
CVSA Inspection Familiarization (8)	CVSA	(2000's)
Child Safety Restraints & Comm.	TAARS	
Vehicle EDR's (8)		
Tire Failure Analysis (12)	Univ. 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	
Infotainment System Downloads (40)	Berla Corp	

## REGISTRATIONS/CERTIFICATIONS

Professional Engineer (P.E.) (1993)  
Traffic Accident Reconstructionist (ACTAR)(1994)  
CDR Tool Certification (2004)  
English XL VIT (Slip & Fall Meter) (2009)  
Berla GPS Forensics (2017)  
Berla Vehicle Systems Forensics (2019)

## ASSOCIATIONS

TAARS – Texas Association of Accident Reconstruction Specialists