

Collision Research & Analysis, Inc.

A team of research engineers specializing in road traffic safety comprising of among others accident reconstruction, analysis of automotive safety systems, analysis of vehicle dynamics and occupant kinematics. Our staff has more than a combined 150 years of experience in this field and our services include:

- ❖ Vehicle Safety System Evaluations
- ❖ Occupant Kinematic Analysis Relative to Accident Reconstruction
- ❖ Vehicle Crash and Performance Testing
- ❖ Vehicle Components Testing including the Following:
 - Airbags
 - Child Seats/Child Occupant Behavior
 - Door Latches
 - Fuel Systems
 - Restraint Systems
 - Vehicle Seats
- ❖ Extensive Work Involving Various Types of Regulatory Issues
- ❖ High Speed 3D Scanning utilizing the Faro 3D Point Cloud Laser Scanner
- ❖ Crash Data Retrieval System
- ❖ Digital Total Station Surveying Equipment
- ❖ HVE, McHenry MSMAC, PC-Crash, 3D Studio Max, ARAS 360 Computer Simulations and 3D Animations
- ❖ In-house exhibit production, including printed and electronic demonstrative presentation as well as scale 3D models
- ❖ Presentations to National and International Audiences on Automotive Safety Subjects

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