BIOGRAPHICAL INFORMATION

Dr. Jim Raddin is a physician and engineer with Biodynamic Research Corporation in San Antonio, Texas. He analyzes how injuries are caused in a variety of impact events usually involving aircraft or automobiles. Dr. Raddin's analyses relate the vehicle dynamics of an impact event to the resulting occupant kinematics, biomechanics and clinical injuries.

He has an engineering degree from the Massachusetts Institute of Technology (MIT) in aeronautics and astronautics and an M.D. from the University of New Mexico School of Medicine in Albuquerque. He completed a residency in Aerospace Medicine which included a Masters degree program as a Sloan Fellow at the MIT Sloan School of Management and a year at the USAF School of Aerospace Medicine. He is Board Certified in that specialty.

Dr. Raddin retired as a full Colonel after a twenty year career with the USAF which included research in human impact protection, including personal participation as a subject in his volunteer human impact experiments. He was the Chief Aeromedical Advisor for USAF Life Support Equipment (including ejection seats, helmets and restraints) and completed his Air Force career in 1988 as the Vice Commander of the USAF School of Aerospace Medicine.

For the past 21 years his activities have included injury causation analyses in litigation and non-litigation settings, research for Biodynamic Research Corporation and the USAF, consultations to NASCAR and NASA and education activities with the USAF, FAA and NTSB. Dr. Raddin's injury causation cases have included:

- Pan Am 747 bombing over Lockerbie, Scotland.
- United DC-10 crash in Sioux City, Iowa.
- Comair Regional Jet crash in Lexington, Kentucky.
- Investigation and preparation of the official report for NASCAR on the Dale Earnhardt fatal crash at Daytona, Florida.

Analyses have also been performed for a wide range of military, commercial and general aviation fixed wing and rotary wing aircraft.