

Boster, Kobayashi & Associates

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TED KOBAYASHI

Curriculum Vitae

EDUCATION:

M.S. (Physics), University of Illinois, 1967
B.S. U.S. Military Academy, 1964

PRESENT POSITION: 1985 to present

Partner of Boster, Kobayashi & Associates, a consulting firm specializing in the technical aspects of accident reconstruction and highway design. Typical assignments involve the application of the Laws of Physics and the Principles of Safety Engineering to accident reconstruction.

PREVIOUS POSITIONS:

U.S. Army: 1964-1984

Field Command Defense Nuclear Agency: 1979-1984

Liaison Detachment Commander at Lawrence Livermore National Laboratory specializing in Theater Nuclear Weapons Safety, Security and Survivability. Member of Joint Department of Energy and Department of Defense Project Development Team for Army Nuclear Weapons.

U.S. Army Engineer District, Japan: 1976-1979

Deputy District Engineer for district involved in \$100 million construction program funded by U.S. and Japanese Governments.

U.S. Military Academy: 1973-1976

Instructor and Associate Professor, Department of Physics.

554th Engineer Battalion, Vietnam: 1971

Operations Officer for battalion activities which included operating a rock quarry, three rock crushers, an asphalt plant, and designing and constructing a major highway.

PREVIOUS POSITIONS: (continued)

Defense Intelligence Agency: 1968-1970

Research and Development Coordinator

U.S. Army Support Thailand: 1967-1968

Staff Engineer responsible for major highway designs, and design and construction of a 5,000 man facility.

526th Engineer Company, Korea: 1965

Company Commander of bridge company with panel and float bridges, 33 5-ton dump trucks and other major engineer equipment.

SPECIAL TRAINING AND EXPERIENCE:

Licensed Professional Engineer – Virginia

Chaired Joint Department of Energy/Department of Defense study groups addressing safety aspects of an Army Nuclear Weapon System under development.

Engineer basic and advanced courses, Ft. Belvoir, VA.

Microcomputer Application Programs for Traffic Accident Investigation - The Traffic Institute, Northwestern University.

PUBLICATIONS AND PRESENTATIONS:

“Rear-End Impact Testing with Human Test Subjects,”
SAE 2001-01-0168, SAE World Congress, Detroit, March 2001

Shock Mitigation in Vehicle Accident Reconstruction,
by T.A. Boster and T.M. Kobayashi.

Seat Belt Induced Quadriplegia
by V. Lieskovsky, E.S. Date, and T.M. Kobayashi