

CURRICULUM VITAE

Name: Peter R. Leffe
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PROFESSIONAL SPECIALIZATION

Consultation in Aviation, Mechanical Engineering, Architecture & Winter Sports.

Accident investigation, reconstruction and failure analysis. Mechanical equipment and vehicle inspection and accident reconstruction. Failure analysis, design defect analysis and structural analysis. Controls and control systems including placement, use, design and warnings. Metallurgical analysis; stress corrosion cracking and over stress failures. Redundant systems analysis.

Court qualified in State and Federal courts, accident investigation, reconstruction, design, design defect, failure mode; aircraft, automotive, mechanical equipment & winter sports..

EDUCATION

Bachelor of Science, Mechanical Engineering with Metallurgy,
Indiana Institute of Technology, 1963-1968

Master of Architecture
University of California, Berkeley 1973-1976

Certificate, Aircraft Accident Investigation
School of Engineering
University of Southern California, 1997

Diplomat, National Counsel of Architectural Registration Boards

SCHOLARSHIPS AND AWARDS

The American Institute of Architects
Waid Scholarship

The American Institute of Architects
Institute Scholar

Experimental Aircraft Association
T-18 Award

APPOINTMENTS

Chief, FAA Aviation Safety Counselor
Los Angeles International Airport
General Aviation Operations
NTSB, First Responder
General Aviation Aircraft
Los Angeles, FSDO

LICENSES

Registered Professional Architect
FAA, Airline Transport Pilot
Former holder,
FAA Repairman's Certificate, Experimental Aircraft

TEACHING

Indiana Institute of Technology
Teaching Assistant in Metallurgy
University of California at Berkeley
Teaching Fellowship in Structural Engineering
University of California at Berkeley
Teaching Assistant in Environmental Design
United States Navy Test Pilot School, Safety/Instructor Pilot
Qualitative Evaluation Program
Chief, Check/Instructor Pilot
Sia Marchetti Aircraft, USA

MEMBERSHIPS

Member, The American Institute of Architects
Member, The American Society of Civil and Architectural Engineers
Member, International Society of Air Safety Investigators
Member, The Experimental Aircraft Association
Member, The Warbirds of America
Member, FAA Aviation Safety Counselor Program, LAX FSDO
Former Member, NASA Astronaut Candidate Pool

PROFESSIONAL EXPERIENCE

Associate Engineer/Scientist, McDonnell Douglas Aircraft Corp., Long Beach, CA
Design engineering services group involved in design of wing structural components DC 10 and assigned to the Acoustic Research Group involved in the noise reduction program and testing of porous media. 1968

Research Associate in Environmental Design, The Farallones Institute, Berkeley, CA
Responsible for the design of geodesic and inflatable structures under a grant from the Ford Foundation and the Rosenberg Foundation. 1970

Product and Architectural Design, Berkeley, CA
Responsible for Architectural products and small Architecture projects. 1973

Architectural Intern and Engineer, The Architectural Group, Jackson, Wyoming
Responsible for Architectural design of residential and commercial projects.
Provided engineering on projects and structural engineering consultation. 1976

Vice President, Pacific Western Psychiatric Medical Group.
Responsible for Architectural renovation of hospital units in the Southern California area, the management of physician employees, intellectual property and litigation matters. 1981

Consulting Professional Architect, Wyoming and California
General practice of Architecture. 1989

Consulting Architect,
Consultation for Litigation. 1994

Consulting Mechanical Engineer,
Consultation for litigation. 1994

Professional Pilot
Aircraft instruction and ferry services. 1995