

PETER R. THOM AND ASSOCIATES INC.  
AUTOMOTIVE CONSULTING AND ENGINEERING  
CORPORATE OFFICE • 304 VILLAGE SQUARE, ORINDA, CALIFORNIA 94563  
[800] 874-1664 • [925] 254-1664 • [WWW.PRTASSOC.COM](http://WWW.PRTASSOC.COM) • FAX [925] 254-1650

BERNARD L. HARRIS, ASSOCIATE

EXPERIENCE

- Peter R. Thom and Associates Inc., Accident Reconstruction and Failure Analysis, 2001 – Present.
- Allison Transmission Division of General Motors, Indianapolis, IN, Senior Project Engineer, 1983 – Present. Responsibilities include transmission design, development of prototypes for durability, fastener systems and fastener failure analysis, component testing and product liability review of design.
- Consulting Engineer for a wide variety of companies and projects, 1979-1983.
- Silver Dollar City, Inc., Branson, Missouri, Mechanical Systems Engineering Manager, 1973-1979. Managing engineer on design of theme park rides and custom vehicles.
- 1956 – 1973: Held various engineering positions with a variety of companies including: Frazer-Nash Ltd., England; Boeing Company, Renton, WA; Stanley Aviation Corporation, Denver, CO; Chrysler Corporation, New Orleans, LA; General Dynamics, Fort Worth, TX; and White Consolidated Industries, Cleveland, OH.
- Lieutenant –Royal Electrical and Mechanical Engineers, 1954-1956. Commanding officer attached to RAF Germany.
- Handley Page Ltd., England, 1948-1954. Junior Engineer and Apprentice.

EDUCATION

- London University, England, B.S. Mechanical Engineering with special emphasis on Production Engineering.

PROFESSIONAL LICENSES AND AFFILIATIONS

- Chartered Engineer, United Kingdom
- Certified European Engineer, EEC
- Registered Professional Engineer, Missouri and Texas
- National Society of Professional Engineers, Member
- Institution of Production Engineers, Member

PUBLICATIONS AND AWARDS

- Value Engineering of “Off Road” Transmissions, *Engineering Development International*, November, 2000.
- Value Engineering of MG-290 Transmission, *Design News*, Nov. 1986.
- Summer Fun with Fluid Power, *Hydraulics & Pneumatics*, July 1981.
- Simulation of Motion by Hydraulic Servo Systems in an Underseas Vehicle, *Hydraulics & Pneumatics*, July 1977.
- Excellence Award, *Design News* Prize Paper Competition
- NASA Patent #7-5122: Universal Alignment Mount for Gyros and Accelerometers
- Design Prize, Iron Founders Society, 1967.