

CURRICULUM VITAE

Thomas L. Liston, P.E.
California Mechanical Engineer M13755

Career:

President, Thomas L. Liston, Inc. 1967 – present

Heating, ventilating & air conditioning (HVAC) and plumbing are the specialty of the firm.

- Design or installation flaws &/or correction of operating errors.
- Carbon monoxide poisonings, explosions & fires caused by heating equipment.
- Large building energy reduction &/or performance improvement through elimination of construction defects in HVAC &/or plumbing.

Design of HVAC and plumbing for all types of buildings was the primary focus of the office at establishment and during the first three decades. Types of buildings for which HVAC &/or plumbing has been designed include schools, churches, residences, microchip production clean rooms, biological clean rooms, computer rooms, hospital modifications, university laboratories, jet aircraft hangers, telephone company facilities, rocket production facilities, etc

Prior to Thomas L. Liston, Inc.:

IBM San Jose, Plant Engineer

Gurries and Todd Mechanical/Electrical Engineers, Design Engineer

The Trane Company, Palo Alto, Sales Engineer

US Naval Officer, destroyers & submarines:

Engineer Officer, USS Threadfin (SS-410)

Engineer Officer, USS Odax (SS-484)

Main Propulsion Officer, USS George K. McKenzie (DD-836)

Education:

University of California, Berkeley: B.S. Mechanical Engineering

University of California, Berkeley, B.A. Humanities

U.S. Submarine Officer's six month training course

The Trane Company HVAC training, six month course

Societies:

ASHRAE, San Jose Chapter. President 1973/74
National Society of Professional Engineers
California Society of Professional Engineers, Santa Clara Valley Chapter, President
1975/76 & 2000/2001
U.S. Naval Reserve, Lieutenant-Commander, Retired
American Society of Plumbing Engineers: Certified Plumbing Designer
Los Altos Rotary Club
California Conference of Arson Investigators
National Fire Protection Association
Western Construction Consultants' Association
Forensic Expert Witness Association

Papers Published:

"Low Pressure Variable Air Volume Systems" Building Systems Design, August 1970
"Physical Laws of Archery," Liston & Associates, Inc., 1988
"Pitfalls of Residential Domestic Hot Water Recirculation," Plumbing Engineer, April 2005

Computer Programs Authored:

"Psychrometric Chart" for HP41CV, published by Hewlett Packard

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