

RICHARD W. LOWRIE, P.E.

EDUCATION

BUCKNELL UNIVERSITY, Lewisburg, PA - B.S. - Electrical Engineering

MICHIGAN STATE UNIVERSITY, East Lansing, MI - M.S. Electrical Engineering

MEMBERSHIPS

Registered Professional Engineer in Florida.

CAREER HISTORY

Design, test and installation of various electrical and electronic equipment and related mechanical devices. Preparation of design and fabrication drawings, environmental testing, and site installation of equipment, such as process control equipment, remote teller systems for banks, automatic material handling systems, medical electronics, surge suppression devices, computers and aircraft electronics.

Chief Engineer for a manufacturer of surge suppression devices and special power supplies. Also designed and installed an infra-red and sonic proximity alarm system for security purposes.

Consulting Engineer on electronic consoles providing video and sound information to customers in malls, airports, etc. Also quality assurance engineering and related documentation. Also during this period, design, procurement, and test of a can control system for a Coca-Cola plant.

Chief Engineer in charge of engineering of bank equipment, including remote teller pneumatic/electronic systems, night depositories, safes and bank vaults. Included installation drawings and field testing.

Project Engineer, engineering of electronic and electromechanical medical products for use in hospital ICU and CCU units, to meet stringent national and international safety codes.

Project Manager, engineering design and fabrication of computers and optical systems for aircraft, to meet strict military specifications.

Chief Engineer for the design of automatic material handling systems such as palletizers, depalletizers, explosive powder dispensers, munitions conveyors, optical remote inspection units, and machines for the automatic assembly of mortar shells.

FORCON INTERNATIONAL

PUBLICATIONS

Several published papers in technical journals and papers presented at conventions. Several issued patents.