

PETER R. THOM AND ASSOCIATES INC.
AUTOMOTIVE CONSULTING AND ENGINEERING
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ROBERT W. LORIMER, ASSOCIATE

EXPERIENCE

- Peter R. Thom and Associates Inc., Associate. 1994 – Present
- Self-employed, 1989 - Present, Engineering Consultant. Employed by several large corporations to provide expertise on testing procedures, engine operation, quality problems, corrective actions, and accident investigations.
- Textron Lycoming, 1965 - 1989 (retired), Director, Vehicle Project Engineering. Responsible for the total design and development of the AGT 1500 Vehicular Turbine Engine from the proposal stage into production. Directed the activities of a 3 to 7 million dollar per year engineering program. This engine is presently the power plant for the U.S. Army M-1 Abrams Main Battle Tank, with a total of over 10,000 engines produced and still in production. Additional responsibilities included the development of the Avco 650 Tank Turbine Engine as a replacement engine for light tanks.
- Textron Lycoming, 1954 - 1965, Manager, Test Engineering. Responsible for the experimental and development testing for all Lycoming Turbine Engines. Established test programs, provided test reports, and failure analysis. Additional responsibility to the Federal Aviation Agency for test validation., supervision of commercial qualification, and acceptance testing. Directed testing of Hydrofoil vehicles and constant speed drives.
- Westinghouse Electric Corporation, 1950 - 1954, Supervisor, Test Engineering. Responsible for the development, qualification, and acceptance testing of the Westinghouse J 40 Jet Engine series, including test reports and failure analysis.
- Glenn L. Martin Company, 1950, Quality Control. Responsible for inspection and validation of tooling used in the manufacturing of various Martin aircraft such as the Martin 404 and the Martin P5M.

EDUCATION

- Rensselaer Polytechnic Institute: B.A.E. 1950
- Drexel Institute of Technology Graduate Studies: M.E.
- Hartford Engineering Graduate School: various management courses

ACTIVITIES

- Professional Engineer State of Connecticut No. 04995
- Federal Aviation Administration Designated Engineering Representative
- Numerous SAE and ASME technical committees
- One of the U.S. participants on NATO Common Tank Study Program

Robert W. Lorimer