



Alexander Zaplitny, Jr.
Consultant

Business and Employment Summary

- 1951 Joined Ford Motor Company as Engineering Specifications Writer for the U.S. Army M-48 Tank Program, while attending Lawrence Institute of Technology as an evening student pursuing a degree in Mechanical Engineering.
- 1951-1953 Naval Reserve Unit activated to support Korean war effort – 2 years of active duty. Honorably discharged in 1953 with the rank of Third Class Petty Officer specializing in electronics.
- 1953 Returned to Ford Motor Company as an engineering trainee while attending evening classes at Lawrence Institute of Technology in pursuit of engineering degree.
- 1953-1956 Completed college studies and graduated from Lawrence Institute of Technology with a Bachelor of Science degree in Mechanical Engineering.
- 1956-1958 Joined Ford Motor Company's two-year college graduate training program, rotating through various engineering assignments, successfully completing the program in 1958. Subsequently assigned to the Cooling System Design Group for large/luxury vehicle programs. Designed first functional cross-flow radiator system to be compatible with the 1960 model year Ford, lowered hood design. This design is still in use today.

- 1962 Promoted to Senior Engineer responsible for design and testing of vehicle suspension and steering systems. Supervised a group of 5 engineers.
- 1963 Promoted to Supervisor of large/luxury vehicle systems including vehicle cooling, suspension, steering and exhaust. Supervised 8 engineers as well as 25 draftsman/designers.
- 1968 Chosen to accompany His Holiness Pope Paul VI to Bogota, Columbia for the worldwide Ecumenical Congress as Ford Motor Company's representative. The Pope personally requested Ford vehicles for his transportation, including a bubble top Lincoln and a specially prepared Lincoln limousine with hydraulically raised rear seats. My responsibilities included vehicle maintenance and repairs (as required) during the Pope's weeklong stay in Bogota. A personal highlight of the trip, other than the trouble free operation of both vehicles, was the presentation of a silver medallion to me by the Pope in appreciation of the use of the vehicles.
- 1968-1997 A brief summary of career highlights to the point of retirement in January, 1997 after 45 years in Ford Motor Engineering activities is as follows:
- PowerTrain Engineering Supervisor for small car front-wheel drive programs.
 - Development Engineering Supervisor for 8 cylinder engine for large/luxury vehicles. Duties included cold and hot weather environmental testing at various Ford facilities such as Arizona and Bemidji, MN.
 - Design responsibility for Ford Electric and Hybrid Car Programs, specifically the battery and cooling system designs and the testing of these systems.
 - Supervised design and development for Ford F-150 Truck and SUV programs, along with responsibility for cooling and exhaust systems. Supervised a group of ten engineers.
 - Represented Ford Motor as an expert witness in various litigations involving engine and fuel system fault allegations.

Respectfully Submitted,

Alexander Zaplitny, Jr.