

Professional Profile

Ervin Simkins

52 Copper Beech Lane

Portland, CT 06480

Cell 860-638-9080

es3rd@outlook.com

Highlights:

- As Manager of Integrated Product Development in the Pratt & Whitney Production Readiness Organization functioned as a change agent to revise processes, procedures and management systems directed at improving operations in bringing products to market.
- In Production Readiness Manufacturing I had responsibility for the PW4168 during initial program to review Goodrich and Fiat readiness to produce nacelle components. Also conducted “front to back” total engine reviews of the PW4168 to assess status relative to meeting cost, productivity, and performance goals. The primary objective of the project was to drive an integrated product development process.
- Demonstrated ability as a P&W Project Engineer to manage multiple international aerospace companies to solve airline nacelle/EBU/reverser technical problems on the A310. I received a commendation for this management effort.
This effort involved extensive integration and coordination with Airbus, Rohr (now Goodrich), Hamilton Standard, and Garrett. To resolve the technical problems, I lead a team to visit all airlines using the A310/JT9D-7R4 equipment. For this job I travelled to Europe, the Middle East, and Southeast Asia.
- Sold and developed MS Access application for managing and tracking certification process for new commercial aircraft engine. The application has been utilized to manage the process of FAA certification on two major engine programs. This application was used by the Next Generation Program Family project to comply with the Canadian certification requirements for the new Geared Turbofan Engines.
- Designed, developed, and maintained information applications in MS Access to support Systems Engineering and Validation organization. Success involved the release of applications I designed and sold to track and provide management feedback for a complex Operational Risk Management and Gated Review process. In addition, designed and developed applications to assist in managing engine limits, engine inspections, risk mitigation and engine maintenance.
- As an outsource consultant, I supported Design and System Integration requirements on the Pratt & Whitney Geared Turbofan engines for BA and MRJ. This was during the certification process for these engines. Also provided coordination with Turkish Airlines Overhaul to update CFM-56 engines. Developed MS Access application to assist in managing this overhaul effort.
- Managed the creation of an extensive plan defining all the test and analytical activity necessary to certify a commercial aircraft engine to the United States Federal Aviation Administration (FAA) regulations. This was done for an international engine manufacturer. Because of the large volume of information, I specifically designed an MS Access application for this task. It was completed at a cost significantly less than the original budget allocation.

Professional Profile
Ervin Simkins
52 Copper Beech Lane
Portland, CT 06480
Cell 860-638-9080
es3rd@outlook.com

Professional Experience:

- Sixteen years at Belcan Technical Services supporting P&W. Most recently worked on Engine Maintenance Management, Design Integration and Project Engineer on Next Generation Program Family Fan and HPC systems, Teamcenter Project to achieve virtual design capability at Foreign National site while assuring export compliance rules, and a Service Limits Study for Next Generation Program Family Engine. Other jobs included Project Engineer on JSF nozzle system, cost reduction effort to develop repairs and revised limits for Engine Services, work scope definition for overhaul of engines including CFM56, Project Engineer on PW220 engine.

Provided validation planning and implementation for new mobile power generation systems. During this period at Belcan I completed design and development of applications in MS Access to support the System Engineering & Validation Organization in managing engine limits, development engines gated review process, FAA Certification, operational risk management and fleet management part delivery tracking.

- Six years in business integrating business processes and information technology.
- Thirty-two years in Aerospace at P&W, E.H., CT.
 - Seven years as Manufacturing Program/Project Manager including 4 years implementing Integrated Product Development (IPD) throughout P&W. IPD goal is to integrate process from concept through manufacture and initial customer support.
 - Seven years in Product Integrity analyzing and developing processes related to quality and product excellence. Included extensive study to evaluate P&W processes as it relates to product liability. Managed FAA coordination during this period.
 - Eighteen years in Engineering as Project Engineer developing engines, components, and power plant systems. Jobs as Project Engineer included responsibility for Fan, High Compressor, Combustor and Externals development, Boeing flight test of the 747 with JT9D-70 engines, and JT9D-7R4 Power Plant (Nacelle/EBU system).

Education

- Graduated Union College, Schenectady, New York with a Bachelor of Science in Mechanical Engineering.
- President of ASME.

LinkedIn Site: [Erv Simkins on LinkedIn](#)