International Symposium on Artificial Intelligence - Machine Learning in Safety Critical Systems

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PROFILE

Mr. Robert Voros

System Safety Lead
Merlin Labs

Robert Voros recently became the System Safety Lead at Merlin Labs, developing levels of autonomy for existing aircraft. He was previously the manager of Engineering Processes for Textron Aviation Inc. (Cessna and Beechcraft) and acted as a subject matter expert for Development Assurance & System Safety. At Textron Aviation, Robert managed the team integrating and improving Engineering Process involving its Organization Designation Authorization, development assurance process (based on SAE ARP4754A), & system safety process (based on SAE ARP4761). He was also a key interface on these topics to both industry organizations and Certification Authorities at the local and policy levels.

Since 2017, Robert has been serving as the Chairperson for the SAE International, S-18 Aircraft and System Development and Safety Assessment Committee. The S-18 committee brings together qualified specialists for the advancement of aerospace safety and to support effective safety management through the development of technical reports which are key to the civil certification of aircraft.

With more than 22 years of experience, Robert has held a variety of positions of increasing responsibilities, starting at Cessna Aircraft Company as a flight control system design engineer. He has supported the type certifications and system safety assessments of multiple Part 23 and Part 25 aircraft for new and amended type certificates. In this time, he has also achieved a Design For Six Sigma Black Belt, patents, several published papers, and authored a chapter in The World of Civil Aerospace. Robert earned a Bachelor of Science degree in Mechanical Engineering from Rose-Hulman Institute of Technology.