



PRESS RELEASE



VENOM Selected for UAV R&D Initiative in Canada

Montreal, Canada, 1 September 2015: Roy Aircraft and Avionic Simulation, Inc ("RAAS") and Laflamme Aero Inc. are excited to announce a 2.5 year Research & Development project, made possible through the auspices of the Consortium for Aerospace Research and Innovation in Canada ("CARIC").



According to Mr. Stephane Roy, Owner of RAAS, the project will utilize the full architectural potential with the "Software Development Kit" version of the **Virtual ENvironment Operations Module ("VENOM")** in the continued development of Laflamme Aero's unique dual-rotor LX300 Vertical TakeOff and Landing Unmanned Aerial Vehicle ("VTOL-UAV").

VENOM, co-developed by RAAS, the SILKAN Group in France and Legion Training and Simulation, LLC in Texas, provides an open, modular and high-fidelity full-featured solution for simulation-based training of commercial UAV Pilots and Payload Operators as well as the capability, through its "SDK" version, to perform highly accurate development and testing of various UAV components within a synthetic environment.

VENOM will be used to perform Verification & Validation to design, develop and test new avionics systems and the Ground Control Station for the LX300 UAV, focusing on safety aspects and Human Factors (ergonomics).

According to Mr. Roy, this initiative will include the participation of NGC Aerospace Ltd, which will develop obstacle-avoidance navigation, guidance and control software, Sintors America Inc., which will develop ADC (Air Data Computer), Ecole de Technologie Superieure (ETS) and Polytechnique Montreal Universities.

"We are very excited to have our VENOM "SDK" technology selected to participate in this effort - It confirms the value of our open and modular capabilities in support of the worldwide commercial UAV industry!" said Mr. Roy.

RAAS provides expert Modeling, Simulation and Avionics test bed solutions for the civil and military aerospace markets. Engineering and consulting services provided by RAAS include development of aerodynamic models for aircraft and UAV simulations, aerodynamic models for the control of missile systems, hardware and software integration of flight simulator components and modules, development of modular testing environments for avionics systems, with support for DO-178B/C certification, and more. More information: www.raasi.ca

About:

Laflamme Aero, a Canadian company, specialized in developing tandem-rotor helicopters. Laflamme Aero also owns a mechanical engineering consulting firm, Laflamme Engineering, which performs mechanical engineering projects for businesses in the aerospace, energy and industrial manufacturing sectors.