



NOLINOR REVOLUTIONIZES ITS PILOT TRAINING WITH VIRTUAL REALITY

News / Maintenance / Trainings



As part of its continuous effort to improve its training tools, Nolinor Aviation announced integration of virtual reality into its pilot training program. This initiative places Nolinor among the first airlines in Canada to adopt such technology for training its flight personnel. In collaboration with VRPilot, Nolinor has modeled the cockpit of its Boeing 737-200 in an interactive virtual environment, significantly enhancing the efficiency of preliminary pilot training before accessing the conventional flight simulator.

Yves Bergeron, Vice President of Operations at Nolinor, commented on importance of this program. "VR training optimally prepares our pilots for the conventional flight simulator, maximizing the efficiency of each session. This allows us to focus on complex flight scenarios and advanced skills rather than basic reviews."

Virtual reality offers a realistic reproduction of the cockpit, essential for developing pilots' reflexes and muscle memory, and aims to facilitate the practice of normal and emergency procedures. Training sessions can be conducted solo or in duo, with a virtual co-pilot or another VR pilot, strengthening communication and teamwork skills. The software also offers training and exam modes, providing immediate and precise feedback. To facilitate access to this training, Nolinor Aviation has equipped a special room allowing pilots to train in virtual reality at any time, offering flexibility for continuous improvement outside regular training hours.

In addition to VR, Nolinor Aviation has also undertaken a major upgrade of the visual system of its

Level C flight simulator located in Miami. Thanks to the joint efforts of RSi Visuals and the Pan Am Academy team, this enhancement has increased the realism of the external environment visible from the cockpit. These investments, exceeding \$500,000, are a testament to Nolinor's commitment to safety, efficiency, and excellence, underscoring its position as a leader in innovation in the aviation field.

09 JULY 2024

ARTICLE LINK:

<https://virginia.50skyshades.com/news/maintenance-trainings/nolinor-revolutionizes-its-pilot-training-with-virtual-reality>