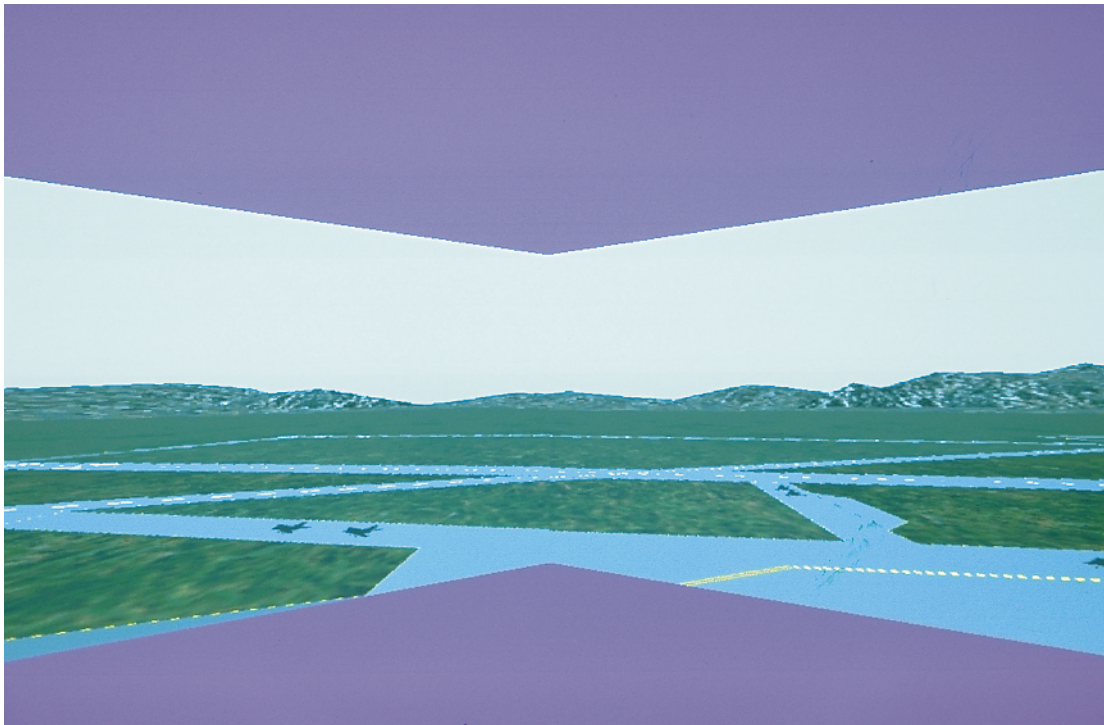The VEAT is a three-dimensional interactive tutor designed to teach and refresh students on the fundamentals of air traffic control. It utilizes virtual environments, voice recognition, 3D sound, and artificial intelligence (AI) to provide a complete adaptive training system. AI allows the tutor to adapt to individual students, which ensures that they receive proper training without the presence of an instructor. In addition, the virtual world can be made specific to an airport, providing on-site training and allowing for faster site certification while reducing training costs.

CONTACT
Chuck Lexa
Human Resources Directorate
Armstrong Laboratory
7909 Lindbergh Drive
Brooks Air Force Base, Texas 78235 USA
lexa@alhrt.brooks.af.mil

COLLABORATORS
Jim Fleming, Iler, James Marvin, Amn Shan Pomeroy, and Wes Regian