



Jameel Janjua is an experimental test pilot for Calspan Corporation, where he is an F-16 variable stability in-flight simulator test aircraft (VISTA) instructor pilot at the United States Air Force (USAF) Test Pilot School (TPS), Edwards Air Force Base, California. Jameel recently retired as a Major from the Royal Canadian Air Force (RCAF).

As an exchange officer to the USAF for more than four years, Jameel was the lead test pilot for the team of experts exploring the development and application of automatic collision avoidance technologies for the USAF and the wider aviation world. The systems that Jameel has helped develop have already been credited with saving the lives of eight fighter pilots and their aircraft, with plans for future application of these safety systems to other types of aircraft and beyond. As a test pilot for Calspan, Jameel is proud to continue his support for these USAF test efforts. Jameel is passionate about finding parallels where his experience as a combat-proven fighter pilot and test pilot can be applied to how medical professionals achieve success in their fields.

Born in Calgary, Alberta, Jameel graduated from the Royal Military College of Canada with a Bachelor's degree in Chemical and Materials Engineering and earned the Governor General's medal as the top graduate. He subsequently was awarded a Natural Science and Engineering Research Council (NSERC) scholarship and completed his Master of Science degree in Aeronautics and Astronautics at the Massachusetts Institute of Technology (MIT), Boston.

Jameel's fighter pilot training started in the CF-18 where he finished as the top graduate in his class and was later selected to complete the prestigious Fighter Weapons Instructor Course. He was chosen to serve as the RCAF exchange officer to the United Kingdom's Royal Air Force, during which time he flew the Tornado GR4 in combat missions in Afghanistan in support of NATO ground forces. In addition, he flew combat missions over Libya to enforce the United Nations Security Council resolution 1973 during the Libyan civil war in 2011. Upon returning to Canada, Jameel was selected to attend the USAF Test Pilot School, where he graduated top in his class, becoming only the 4th Canadian to do so in over 70 years. He then commenced an assignment to the 416th Flight Test Squadron, where he was dual-qualified as a test pilot and instructor pilot on both the F-16 and F-15SA.

Jameel has 3,500 hours of flying experience in more than 35 aircraft, including captaincy on the F-16 Viper, F-15 Eagle, CF-18 Hornet, and Tornado GR4. He was also one of the final four candidates in the Canadian Space Agency's 2009 astronaut recruitment campaign that received over 5,000 applicants. He has published on the use of simulation in endovascular neurosurgery, presented numerous technical papers at national and international symposia, and serves on the Board of Directors of the Society of Experimental Test Pilots. In 2019, Jameel was invested as an Officer in the Order of Military Merit, the second highest order administered by the Governor General-in-Council in Canada, in recognition of a career of outstanding meritorious service in duties of responsibility. Jameel and his wife, Sylvie Villeneuve, currently live with their two sons near Edwards Air Force Base - the same base where, in 1947, Chuck Yeager first broke the sound barrier in the Bell X-1.