



CANADIAN AERONAUTICS AND SPACE INSTITUTE
Toronto Branch

September 2017 Guest Lecture

J.C.T. (Jim) Martin

(Flight Test Consultant, Strangford Aviation Consulting Services Inc.)

Development and Certification Flight Testing of Fire Fighting Aircraft in Canada



Date: Thursday, September 21, 2017

Time: 7:30 p.m. Refreshments & Networking
8:00 p.m. Presentation

Place: University of Toronto Institute for Aerospace Studies (UTIAS)
4925 Dufferin Street

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Wildfires continue to be an environmental, property and personal safety threat. Canada has been a leading force in the development of firefighting aircraft to assist in wildfire containment and suppression.

The presentation will provide a brief overview of the historical development of firefighting aircraft and describe some of the flight testing and certification challenges encountered in the conversion of civil transport airliners to firefighting aircraft such as the Fokker F-27 and the BAE RJ-85, as well as the development of the amphibious CL-215T/CL-415 special purpose water bomber.

Our guest speaker is Mr. J.C.T. (Jim) Martin, Flight Test Consultant with Strangford Aviation Consulting Services Inc. Jim is the retired Superintendent of Flight Test Engineering at Transport Canada Aircraft Certification, where he was involved in multiple aircraft flight test certification activities. He has a B.Sc. in Aeronautical Engineering from the Queen's University of Belfast in 1969, and is a Graduate Flight Test Engineer of the Empire Test Pilot's School in 1976. Prior to joining Transport Canada, he worked in the UK on military aircraft flight testing, and as a Flight Test Engineer on the initial Canadair CL-600 Challenger flight test program.

Please join us for a very interesting presentation.

