

# 11th Annual ITPS FLIGHT TEST SEMINAR

& 2023 SFTE Canadian  
Chapter Symposium

Hosted at  
International Test Pilots School  
2410 Blair Boulevard, London, Ontario, Canada

Online Attendance Available

## PROCEEDINGS



**Thursday 14 December 2023**

08:00 Continental Breakfast at ITPS

### Session 1

08:30 **Welcome – Seminar Chairman Billie Flynn, Chief Technology Officer, ITPS Canada Ltd.**

**Welcome and Introduction – Giorgio Clementi, President, ITPS Canada Ltd.**

**Welcome and Introduction – Panos A. Vitsas PhD, President of the SFTE Canadian Chapter and Chief Academic Officer, ITPS Canada Ltd.**

08:45 **Things a Flight Tester Should Know About an Electric Engine**

Jennifer Uchida, Senior Test Program Manager for Product Development at Boeing Test and Evaluation  
President of the Society of Flight Test Engineers (SFTE)

09:15 **5<sup>th</sup> gen. Surrogate Training Aircraft (5STA) Flight Tests**

Giorgio Clementi, Chief Executive Officer, ITPS Canada Ltd.  
Thiago Macedo, Test Pilot Instructor, ITPS Canada Ltd.

09:45 **Flight Test Activities at NRC Performing MTEs in Flight using a Tablet-based Display**

Chase Schulze, Director of ES, Operations, Systems Technology Inc.

10:15 Break

### Session 2

10:30 **Challenges and Lessons Learned During the T929's Maiden Flight**

Arif Ateş, Manager, Rotary Wing Flight Tests and Training, Turkish Aerospace  
Erdoğan ÖZEN, Test Pilot, Turkish Aerospace  
Murat Fehmi Bülent ALTINDAĞ, Lead Flight Test Engineer, Turkish Aerospace

11:00 **H175 Flight Test Icing Campaign**

Setareh Taheri, Lead Flight Test Engineer, Airbus Helicopters  
Alain Delavet, Flight Test Engineer, Airbus Helicopters

11:30 **Fireside Chat with Flight Test Students**

Rogers Smith, Flight Test and Safety Consultant, SmithsAero  
ITPS 2023A Students

**12:15 – 14:00 Lunch | Roll Out Event | Guided Visit of the School | Aircraft and Facilities**

[WWW.ITPSCANADA.COM](http://WWW.ITPSCANADA.COM)



### Session 3

- 14:00 **V-22 Osprey Climatic Testing**  
Kenneth Katz, Principal Engineer, Collins Aerospace
- 14:30 **The Future Flight Test Engineer**  
Jeff Canclini, Technical Consultant, Former Lockheed Martin Technical Fellow
- 15:00 **Flight Test Exploration of a Cyber-Physical Surrogate: A Study of Hingeless Rotor Helicopter Aeromechanics due to Digital Flight Control System Augmentation**  
Marc Alexander, Research Officer, FBW Rotorcraft Flight Sciences, National Research Council
- 15:30 Break
- 15:45 **AoA Measurement via Localized Turbulence Detection**  
John Maris, President, and Chief Test Pilot of Design Approval Organisation, CertCenter Canada
- 16:15 **As It Was Then – A Student Flight Test Engineer’s Report on Hunter T Mk 7 Spinning**  
Jim Martin, Flight Test Engineer, Strangford Aviation Consulting Services Inc.
- 16:45 **Developing and Testing a No-Mod-Cost GCAS for General Aviation Use**  
Mark Skoog, Project Manager, NASA – Dryden Flight Research Center
- 17:15 Daily Wrap Up – Billie Flynn
- 17:30 **Please join us for a networking event in our hangar**

### Friday 15 December 2023

08:00 Continental Breakfast at ITPS

#### Session 1

- 08:30 **Why Are You Not a Member of SETP?**  
John “Toonces” Tougas, Experimental Test Pilot, Boeing  
President of the Society of Experimental Test Pilots (SETP)
- 09:00 **Air to Air Refueling**  
Hielke Bosma, Head of Flight Test Department, Royal Netherlands Air Force (RNLAf)  
Wilbert van de Werke, Experimental Flight Test Engineer, Royal Netherlands Air Force (RNLAf)
- 09:30 **AW139 Flight Tests Lessons Learned**  
ITPS 2023A Rotary Wing Students
- 10:00 Break

#### Session 2

- 10:15 **Bell 525 Artificial Icing Flight Test Campaign**  
Stefan Hanekom, 525 Experimental Test Pilot, Bell Textron Inc.
- 10:45 **Future Projects – New Technology, Old Techniques**  
Sebastian Rommel, Team Lead FTE Combat Aircraft, Airbus
- 11:15 **AW-609 Certification**  
Gianfranco Cito, Head of Flight Test Department AW 609, Leonardo Helicopters  
Walter Moiola, AW 609 Lead Flight Test Engineer, Leonardo Helicopters
- 11:45 **The Validation of the Integrated Reality In-flight Simulation (IRIS) for Ship Landing Tasks**  
Perry Comeau, Research Test Pilot, National Research Council Canada (NRC)

12:15 – 13:15 Lunch in hangar

**Session 3**

- 13:15 **Stores Certification Procedures and Products of 401<sup>st</sup> Sq.**  
Col Şükrü YILMAZ, Commanding Officer 401 FILO, Turkish Air Force (TurAF)
- 13:45 **Accurate Pressure-Derived AOA**  
Terry Lutz, Experimental Test Pilot/Consultant, TLZ Aerospace Services, LLC.
- 14:15 **It Ain't Over Till It's Over**  
Billie Flynn, Chief Technology Officer, ITPS Canada Ltd., Former Senior F-35 Test Pilot (Ret)
- 14:45 Break
- 15:00 **Comparison/differences Between Airworthiness and Test & Evaluation**  
Dr. Lim Sangsoo, Aerospace Technology Research Institute – Airworthiness Certification team,  
Chief Principal Research Researcher, Agency for Defense Department
- 15:30 **A New Standard for UAS Flight Test Crew Training**  
Henry Language, Chief Flight Instructor - UAS, ITPS Canada Ltd.
- 16:00 **Pilot Training and Lessons Learned to Secure KF-X Flight Safety**  
ROKAF Col (Ret) Byungsu Park, Flight Test Engineer, Korea Aerospace Industries (KAI)
- 16:30 Daily Wrap Up – Billie Flynn

**~ By invitation only ~**

*Friday Evening 15 December 2023*

*Graduation Dinner*

*Lamplighter Inn & Conference Centre*

*591 Wellington Rd, London, ON N6C 4R3*

*Phone: (519) 681-7151*

*Drinks and Social from 7:00 to 7:30 pm and dinner served at 7:30 pm.*