

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.**

08:45 **Welcome and Introduction – Giorgio Clementi, President, ITPS Canada Ltd.**

08:50 **Welcome and Introduction – Panos A. Vitsas PhD, President of the SFTE Canadian Chapter and Chief Academic Officer, ITPS Canada Ltd.**

09:00 **Urban Air Mobility Procedure Design and Flight Test Evaluation Methodology**

David Zahn, NASA Research Pilot, ARC-AFO Mike Monroney Aeronautical Center

Wayne Ringelberg, Chief Pilot, NASA's Armstrong Flight Research Centre, Edwards CA

09:30 **5th gen. Surrogate Training Aircraft (5STA) Flight Tests**

Giorgio Clementi, Chief Executive Officer, ITPS Canada Ltd.

Thiago Macedo, Test Pilot Instructor, ITPS Canada Ltd.

10:00 Break

Session 2

10:15 **Flight Test Activities at NRC Performing MTEs in Flight using a Tablet-based Display**

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

10:45 **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

11:15 **Accurate Pressure-Derived AOA**

Terry Lutz, Experimental Test Pilot/Consultant, TLZ Aerospace Services, LLC.

11:45 **Fireside Discussion with Flight Test Students**

Rogers Smith, Flight Test and Safety Consultant, SmithsAero

12:30 – 14:00 Lunch | Roll Out Event | Guided Visit of the School | Aircraft and Facilities

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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 **Bell 525 Artificial Icing Flight Test Campaign**
Stefan Hanekom, 525 Experimental Test Pilot, Bell Textron Inc.
- 15:30 Break
- 15:45 **A New Standard for UAS Flight Test Crew Training**
Henry Language, Head of UAS, ITPS Canada Ltd.
Gustavo Ulloa, Deputy Head of UAS, ITPS Canada Ltd.
- 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
- 18:00 Please join us for a networking event in our hangar**

Friday 15 December 2023

08:00 Continental Breakfast at ITPS

Session 1

- 08:30 **John “Toonces” Tougas, Boeing, President of the Society of Experimental Test Pilots (SETP)**
To be announced
- 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 **Hurjet Advanced Jet Trainer First Flight**
Erjan Celik, Turkish Aerospace
Orhan Boran, Turkish Aerospace
- 10:00 Break

Session 2

- 10:15 **Marc Alexander, Research Officer, FBW Rotorcraft Flight Sciences, National Research Council**
To be announced
- 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 **Col Sukru Yilmaz, Commanding Officer 401 FILO, Turkish Air Force (TurAF)**
To be announced
- 13:45 **James Sergeant, Flight Test**
To be announced
- 14:15 ***It Ain't over Till it's Over***
Billie Flynn, Chief Technical 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 Sang, SOO Aerospace Technology Research Institute – Airworthiness Certification team,
Chief Principal Research Researcher, Agency for Defense Department
- 15:30 ***AoA Measurement vial Localized Turbulence Detection***
John Maris, President, and Chief Test Pilot of Design Approval Organisation, CertCenter Canada
- 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.