CONTINENTAL BREAKFAST - Magic Kingdom Ballroom Foyer (2nd Floor) 7:00am - 8:00am, Thursday, 28 October 2021

8:00am - 8:15am OPENING CEREMONIES
General Chairwoman: Jennifer Henderson (AF), The Boeing Company
Symposium Chairman: William Koyama (AF), Lockheed

Thursday Chairman: Mike Rabens (F), Northrop Grumman
SESSION I - 8:15am - 11:45am
8:15am - 8:45am “Kuwait F/A-18E/F Noise and Vibration Flight Test” LCDR Brian Jacobs, USN (M)
LCDR Harry Davies, USN (M)
8:45am - 9:15am “MV-22 LPD Mishap Investigation Testing” Jon Lindsey (M), The Boeing Company
Maj Nathaniel Ross, USMC (PAM)

9:15am - 9:45am - Coffee Break
9:45am - 10:15am “Japanese C-2 Semi-Prepared Runway Takeoff and Landing Capability Demonstration” Maj Hiroki Omagari, JASDF
Capt Kengo Fukagawa, JASDF

10:15am - 10:45am “High-Speed Handling Qualities Assessments for Future Vertical Lift” Maj Brandon Dotson, USA (M)

10:45am - 11:15am “Breaking the Chain of Loss of Control Accidents” Ralph Kimberlin, Ph.D. (F)
Edward Kolano (AF)
David Webber, FAA

11:15am - 11:45am “Have You Ever Seen a Rhino Jump?: Historic Ski Jump Testing of the Super Hornet” Mike Wallace (F), The Boeing Company
LT Jonathan Williams, USN (M)

11:45am - 1:00pm LUNCH - No formal luncheon

SESSION II 1:00pm - 5:00pm, Thursday, 28 October 2021
1:00pm - 1:30pm “C-12C Idle-Thrust Versus Zero-Thrust Stalls” Karl Major (AF), USAF Test Pilot School

1:30pm - 2:00pm Key Results of NASA’s Pilot Breathing Assessment” Jim Less (M), NASA
Dr. Lance Richards, NASA
2:00pm - 2:30pm “T625 Gökbey Helicopter Flight Test Update” Gökan Virlan (M), Turkish Aerospace
Arif Ateş (M), Turkish Aerospace
Ersin Kocaadam, Turkish Aerospace
3:00pm - 3:30pm “Development and Flight Testing of a Very Low Cost Variable Stability Aircraft” Giorgio Clementi (AF), ITFS Canada
Vincent Clementti, ITFS Canada
3:30pm - 4:00pm “MV-22 Defensive Weapon System Testing in MCAS Yuma” LT Jonathan Happy, USN
Robert Brymer, Dept. of the Navy
4:00pm - 4:30pm “Wright flyer New Airplane - First Flight” Jay Jabour (F)
4:30pm - 5:00pm “Combining Two Worlds of Flight - Rocket Meet Airplane Meet Rocket” Kelly Latimer (AF), Virgin Galactic
Todd Ericson (F), Virgin Orbit
Zack Rubin, Virgin Orbit
Bryce Schafer, Virgin Orbit

THURSDAY NETWORKING RECEPTION
Adventure Lawn - The Disneyland Hotel 6:30pm -10:30pm (Dinner - 7pm-9pm)

CONTINENTAL BREAKFAST - Magic Kingdom Ballroom Foyer (2nd Floor) 7:00am - 8:00am, Friday, 29 October 2021
Friday Chairman: Al Norman, (F), Lockheed
SESSION III - 8:00am - 11:30am
8:00am - 8:30am “Risk Management of a Complex eVTOL Aircraft in Agile Development” James Denham (M), Joby Aviation
Zachary Reeder (M), Joby Aviation

8:30am - 9:00am “Missions at the Merge: Combining Weapon Separation and Mission System Testing for Future Vertical Lift” LT Jon Malycke, USN (PAM)
Evam Smith, Dept. of the Navy

2:00pm - 2:30pm “Speed to the Fleet: Getting the Navy’s CMV-22B Osprey Through DT In One Year” LCDR Gavin Kurey, USN (PAM)
Sean Hitchcock, Dept. of the Navy
Christopher Cheung, Dept. of the Navy

2:30pm - 3:00pm “A Probabilistic Outcome-Based Framework for Envelope Expansion” Lt Col Juan Jurado, USAF

3:00pm - 3:30pm “Preventing Flight Physiological Episodes Through Integrated Biomonitoring Systems” Maj Kevin Hand, USAF (PAM)
Dr. Brian Bradke, Spotlight Labs

9:00am - 9:30am “Recognizing, Certification and Accreditation for Test Pilot Schools” Dr. Allen Peterson (F), National Test Pilot School

9:30am - 10:00am “Japanese C-2 Semi-Prepared Runway Takeoff and Landing Capability Demonstration” Maj Hiroki Omagari, JASDF
Capt Kengo Fukagawa, JASDF

10:00am - 10:30am “Evolution of Air Refueling Test” Maj Mark Hammond, USAF (M)
MSgt Michael Danilowski, USAF

10:30am - 11:00am “On Board Oxygen Generation System Flight Test - How NOT To Conduct a Campaign” Jim Brown (F), National Test Pilot School

11:00am - 11:45am “State of the Society” Mike Wallace (F), SETP President
The Boeing Company

THE SETP ANNUAL BUSINESS MEETING WILL BEGIN UPON ADJOURNMENT OF THE SYMPOSIUM

FRIDAY NIGHT RECEPTION & DANCE - Magic Kingdom Ballroom (2nd Floor) 8:00pm - Midnight - Social Reception With A Live DJ!
The SETP Headquarters and registration desk will be in the Magic Kingdom Ballroom Foyer (2nd Floor) and will be open:

- **Wednesday** 27 October, 10:00am - 8:00pm
- **Thursday** 28 October, 7:00am - 5:00pm
- **Friday** 29 October, 7:00am - 5:00pm
- **Saturday** 30 October, 7:00am - 12:00pm
  (Reopens at 5:00pm for the Banquet)

**SYMPOSIUM AND BANQUET COMMITTEE**

- **General Chairwoman**........................... JENNIFER HENDERSON
- **Symposium Chairman**................................. WILLIAM KOYAMA
- **Luncheon Chairwoman**.................................... KELLY LATIMER
- **New Member Reception Chairman**.............. KEVIN GROSS
- **Banquet Chairman**................................. ART TOMASSETTI
- **Displays Chairman**............................... DAN VANDERHORST
- **Technical Tour Chairman**....................... BRIAN SANDBERG
- **Education Outreach Chairman**.............. TIMOTHY MCDONALD
- **Sponsorship Chairwoman**........................... LAURIE BALDERAS

**BOARD OF DIRECTORS**

- **President** ........................................................ MIKE WALLACE
- **Vice President** ............................................. BRIAN SANDBERG
- **Secretary** ........................................................... JOHN TOUGAS
- **Treasurer** ............................................. ANDREW MCFARLAND
- **Legal Officer** ....................................................... KERRY SMITH
- **Executive Adviser**.................................................. WILLIAM GRAY
- **President-Elect** ............................................. DAVID NILS LARSON
- **Technical Adviser** ............................................ JENNIFER HENDERSON
- **Technical Adviser** ............................................ JAMEEL JANJUA
- **Canadian Section Representative**........... PERRY COMEAU
- **Central Section Representative** ............... BRET PIERSON
- **East Coast Section Representative** .......... STEVE WRIGHT
- **European Section Representative**.............. JEREMY TRACY
- **Great Lakes Section Representative** .......... JAMES BIERLYA
- **Indian Section Representative** ................. ROHIT VARMA
- **Northwest Section Representative** .......... STEVE CRANE
- **Southeast Section Representative** .......... GLENN KNAUST
- **Southwest Section Representative** .......... TOM CURRIE
- **West Coast Section Representative** .......... WILLIAM KOYAMA
- **Executive Director**.......................................... LAURIE BALDERAS

**WELCOME**

Welcome to The Society of Experimental Test Pilots’ 65th International “Report to the Aerospace Profession”. William Koyama (AF) and his Symposium Team have developed an exceptional program with both formal and informal venues to allow a formal exchange of information, as well as facilitate networking and renew personal and professional friendships. Our goal is for you to enjoy this gathering and, most importantly, that you can gain some fresh perspectives to allow you to conduct flight tests more effectively and especially, more safely.

Mike "Sting" Wallace (F)
SETP President, 2020-2021