

**CONTINENTAL BREAKFAST - Sequoia Foyer**  
7:00am - 8:00am, Thursday, 28 September 2023

**8:00am - 8:30am - Sequoia Ballroom**  
**WELCOME/OPENING CEREMONIES**  
Brian Sandberg (F), Joby Aviation  
SETP President

**SYMPOSIUM TEAM INTRODUCTION**  
**General Chairman:**  
William Koyama (AF), Lockheed Martin

**Symposium Chairman:**  
Shawn Kern (AF), NASA

**Thursday Chairman:**  
**Lt Col Bryan Kelly, USAF (M)**  
**SESSION I - 8:30am - 12:00pm**

8:30am - 9:00am  
**"First Flight Anomalies"**  
Roy Martin (F), Northrop Grumman (Ret)  
Michael Rabens (F), Northrop Grumman

9:00am - 9:30am  
**"Flight Test Aids: A Value Proposition"**  
Matthew Domsalla (M), Boeing  
Dan Draeger (AF), Boeing  
Steven Schmidt (M), Boeing

9:30am - 10:00am  
**"Bell 525 Artificial Icing Flight Test Campaign"**  
Stefan Hanekom (AF), Bell Textron, Inc.  
Ronald Huffstetter, Bell Textron, Inc.

**10:00am - 10:30am - Coffee Break**

10:30am - 11:00am  
**"Introducing Autonomous Uncrewed Air Vehicles Into Air Force Test Paradigms"**  
Maj Ross Elder, USAF (PAM)  
Capt Blake Morgan, USAF

11:00am - 11:30am  
**"Dump, Dump, Dump! - Integrating Test Directors Into Aircrew Decision Making"**  
Andrew Bankston (M), Bell  
Michael Remaly, Boeing  
LCDR Gavin Kurey, USN

11:30am - 12:00pm  
**"UAM Instrument Flight Procedure Design And Flight Test Evaluation Methodology"**  
David Zahn, NASA  
Wayne Ringelberg (AF), NASA

**12:00pm - 1:30pm LUNCH - No formal luncheon**

**SESSION II**  
**1:30pm - 5:00pm, Thursday, 28 September 2023**

1:30pm - 2:00pm  
**"Developing Means Of Compliance And Mission Task Elements For Advanced Air Mobility Aircraft"**  
Andrea Pingitore (M), NTPS  
Marco Lotterio, System Technology, Inc.

2:00pm - 2:30pm  
**"Fresh Perspectives To The Same Old: Avoiding Redundant Test In AAR"**  
Connor Wilson, RAAF

2:30pm - 3:00pm  
**"First Flight Of The World's Largest Hydrogen Fuel Cell Powered Aircraft"**  
Alex Kroll (M), Universal Hydrogen  
Loris Gliner, Universal Hydrogen

**3:00pm - 3:30pm - Coffee Break**

3:30pm - 4:00pm  
**"4th Gen Jet - Next Gen Test: Agile OFP Development And Testing"**  
Eddie Hilburn, Dept. of the Air Force  
Lt Col Christopher Nations, USAF (M)

4:00pm - 4:30pm  
**"408 SkyCourier Unimproved Runway Test"**  
Todd Dafforn (M), Textron Aviation

4:30pm - 5:00pm  
**"Flight Test Training And Education, Collaboration, And A Unified Approach"**  
Patrick Hutcheson (AM), Gulfstream Aerospace

**THURSDAY EVENING NETWORKING DINNER**  
Adventure Lawn at The Disneyland Hotel -  
6:30pm-11:00pm

**CONTINENTAL BREAKFAST - Sequoia Foyer**  
7:00am - 8:00am, Friday, 29 September 2023  
**Friday Chairman:**  
**Matthew Giese (AF), The Boeing Company**  
**SESSION III - 8:00am - 11:30am**

8:00am - 8:30am  
**"Showing Compliance In An Amendment 64 World"**  
Shannon Lunsford, Textron Aviation Defense  
Keith Gittemeier, Textron Aviation

8:30am - 9:00am  
**"Unconventional Use Of The C-H Rating Scale in King Air Stall Characteristics Testing"**  
Stuart Rogerson (AF), Textron Aviation  
Dan Hinson (AF), Textron Aviation Defense

9:00am - 9:30am  
**"Lessons Learned In Fielding Airborne Test Beds In A Rapid Prototyping Environment"**  
Todd Lardy (AF), MIT Lincoln Laboratory  
David Culbertson (F), MIT Lincoln Laboratory  
Thomas Washington (M), MIT Lincoln Laboratory

**9:30am - 10:00am - Coffee Break**

10:00am - 10:30am  
**"Virgin Galactic - Entry Into Commercial Spaceflight Operations"**  
David Mackay (AF), Virgin Galactic  
Nicola Pecile (F), Virgin Galactic  
Michael Masucci (AF), Virgin Galactic

10:30am - 11:00am  
**"407M Envelope Expansion And Weapon Integration"**  
Charles Cook, Bell  
Joe Herd, Bell

11:00am - 11:30am  
**"First Flight of Eviation's Alice Aircraft"**  
Steve Crane (AF), Allied Approach Group  
James Maxwell, Aviation Aircraft

**LUNCHEON - 12:30pm - 2:00pm - Sequoia Ballroom**  
**Guest Speaker: Randy Bresnik (AF), NASA**  
**"Artemis: A Test Pilot's Role Beyond Low Earth Orbit"**

**SESSION IV**  
**2:30pm - 5:00pm, Friday, 29 September 2023**

2:30pm - 3:00pm  
**"Shipboard Evaluation of STOVL Night Visual Landing Aids"**  
LtCol Michael Lippert, USMC (M)

3:00pm - 3:30pm  
**"Lessons Learned From Stratolaunch's First Talon Separation Test"**  
David Fedors (AF), Stratolaunch, LLC  
Bradley Schab, Stratolaunch, LLC  
Philip LeGoubin, Stratolaunch

**3:30pm - 4:00pm - Coffee Break**

4:00pm - 4:30pm  
**"N219 Elevator Servo Tab Missing In Flight"**  
Esther Saleh (M), Indonesian Aerospace

4:30pm - 5:00pm  
**"AOA Measurement Via Localized Turbulence Detection"**  
John Maris (AF), Cert Center Canada

**FRIDAY NIGHT MIXER**  
**Conference Area - The Grand Californian Hotel**  
**8:00pm - Midnight**

**CONTINENTAL BREAKFAST - Sequoia Foyer**  
7:00am - 8:00am, Saturday, 30 September 2023  
**Saturday Chairman:**  
**Glenn Graham (AF), NASA AFRC**  
**SESSION V - 8:00am - 11:00am**

8:00am - 8:30am  
**"How They Flew: Modern Flight Test Of Pioneering Wright Aircraft"**  
Klas Ohman (AF), The Boeing Company

8:30am - 9:00am  
**"Building A 1909 Antoinette Monoplane Replica...With Unintended Consequences"**  
David Mackay (AF), Virgin Galactic

9:00am - 9:30am  
**"The Tao, Self-Deceptive Rationalization, and Vulcan Mind Meld - An Ongoing Lessons Learned Journey"**  
Michael Contratto (AF), Dept. of the Air Force

**9:30am - 10:00am - Coffee Break**

10:00am - 10:30am  
**"SETP Ethical Code Application To Continued Acceptance Of Ageing Aircraft"**  
Clark Childers (AF), Draken Europe

10:30am - 11:00am  
**"It Ain't Over Till It's Over"**  
Billie Flynn (F), ITPS Canada

11:00am - 12:00pm  
**SETP Annual Business Meeting**  
Brian Sandberg (F), Joby Aviation  
SETP President

**AWARDS BANQUET - SEQUOIA BALLROOM**  
Reception 5:30pm / Banquet 6:30pm

**AUDIO/VISUAL SUPPORT:**



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The SETP Headquarters and registration desk will be in the Sequoia Foyer and will be open:

- Wednesday:** 27 September, 12:00pm - 8:00pm
- Thursday:** 28 September, 7:00am - 5:00pm
- Friday:** 29 September, 7:00am - 5:00pm
- Saturday:** 30 September, 7:00am - 12:00pm  
(Reopens at 5:30pm)

**SYMPOSIUM AND BANQUET COMMITTEE**

- General Chairman.....WILLIAM KOYAMA
- Symposium Chairman..... SHAWN KERN
- Luncheon Chairman..... MICHAEL RABENS
- Banquet Chairman.....ART TOMASSETTI
- Displays Chairmen .....DAN VANDERHORST  
JEFF MABRY
- Technical Tour Chairman ..... TONY WILSON
- Sponsorship Chairwoman ..... LAURIE BALDERAS

**BOARD OF DIRECTORS**

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- European Section Representative..... JEREMY TRACY
- Great Lakes Section Representative ..... JAMES BIERYLA
- Indian Section Representative ..... SUBASH JOHN
- Northwest Section Representative ..... STEVEN CRANE
- Southeast Section Representative ..... SCOTT NEUMANN
- Southwest Section Representative ..... TOM CURRIE
- West Coast Section Representative..... ANDREW EDGELL
- Executive Director..... LAURIE BALDERAS

**PROGRAM**

**THE SOCIETY OF  
EXPERIMENTAL TEST PILOTS**



**67TH SYMPOSIUM  
AND AWARDS BANQUET**

**27-30 SEPTEMBER 2023**

**GRAND CALIFORNIAN HOTEL  
ANAHEIM, CALIFORNIA**

**WELCOME**

Welcome to The Society of Experimental Test Pilots' 67th International "Report to the Aerospace Profession". William Koyama 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.

Brian Sandberg (F), Joby Aviation  
SETP President, 2022-2023