

THURSDAY, 24 SEPTEMBER 2020

0700PDT/1000EDT/1400UTC

**OPENING REMARKS/
STATE OF THE SOCIETY**

William Gray (F), USAF Test Pilot School
SETP President

0710PDT/1010EDT/1410UTC

GENERAL CHAIRMAN REMARKS

Andrew McFarland (AF), ATAC

SYMPOSIUM CHAIRMAN REMARKS

Jameel Janjua (M), Calspan

0715PDT/1015EDT/1415UTC

**Application of Eye Gaze Tracking for Analysis
of Pilot's Visual Scan Pattern:
Simulators and Inflight Studies**

Wg Cdr M. Dilli Babu, ASTE, Bangalore India

0750PDT/1050EDT/1450UTC

I'm Sorry Dave, I'm Afraid I Can't Do That...

Machine Learning for Pilots

Col Dan Javorsek, USAF (M)

Chris Gentile (AM), Episy Science, Inc.

0825PDT/1125EDT/1525UTC

**Experimentation and Testbed Platforms
for Store Development**

Lt Col Patrick Killingsworth, USAF (M)

Maj Bryan Ralston, USAF

Brian Pincock, Stratolaunch

0900PDT/1200EDT/1600UTC - BREAK

0920PDT/1220EDT/1620UTC

**Towards An Improved Interface For Large-Format
Displays: A Comparison Between Eye Tracking, Rhino
Pointing and Traditional Tactile Input**

Capt Isaiah Harp, USAF (PAM)

Dr. Thomas Schnell, University of Iowa

0955PDT/1255EDT/1655UTC

**F-35 Supersonic Flight Test Efficiency Using
Atmospheric Modeling and Simulation**

Billie Flynn (F), Lockheed Martin (Ret)

Chris Dowell, Lockheed Martin

1030PDT/1330EDT/1730UTC

**CFP Testing: 30-Year Case Study in
Lesson Learned Failures**

Lt Col Tucker Hamilton, USAF (M)

Maj Chris Taylor, USAF (M)

FRIDAY, 25 SEPTEMBER 2020

0700PDT/1000EDT/1400UTC

OPENING REMARKS

Jameel Janjua (M), Calspan

0705PDT/1005EDT/1405UTC

**Missile Upgrade Testing: Loading on the
F-2 CFRP Co-Cured Wings**

Maj Kazuhiro Ota, JASDF

Capt Kazuhiro Seiwa, JASDF

0740PDT/1040EDT/1440UTC

Testing the Nixus FBW Sailplane

Jim Payne (AF), Perlan Project

Paulo Iscold, Cal Poly San Luis Obispo

0815PDT/1115EDT/1515UTC

Fighter Unexplained Physiological Episodes:

Testing the Ultimate Complex System

Lt Col Justin Elliott, USAF (M)

Lt Col David Schmitt, USAF (M)

0850PDT/1150EDT/1550UTC - BREAK

0910PDT/1210EDT/1610UTC

Dutch SHOL Method

LtCdr Rogier van Kralingen, Royal Netherlands Navy (M)

0945PDT/1245EDT/1645UTC

Innovative Solution to Air Launch Time Control

Kelly Latimer (AF), Virgin Orbit & Virgin Galactic

Todd Ericson (F), Virgin Orbit

1020PDT/1320EDT/1720UTC

Award Announcements

2020 Salmon Award Recognition

Best Paper Awards Announcements

2020 Tony LeVier Flight Test Safety Award Recognition

2020 Doolittle Award Recipient Recognition

2020 Kincheloe Award Recipient Recognition

2020 Fellows Recognition

ANNUAL BUSINESS MEETING

&

INSTALLATION OF OFFICERS:

Michael Wallace (F) ~ President

Brian Sandberg (AF) ~ Vice President

John Tougas (AF) ~ Secretary

Andrew McFarland (AF) ~ Treasurer

Kerry Smith (M) ~ Legal Officer

Nils Larson (F) ~ President Elect

CLOSING REMARKS

The Society would like to thank our
CORPORATE SPONSORS:



CORPORATE MEMBERS

Adaptive Aerospace Corporation
Aerospace Services International LLC
AeroTEC, LLC
Air Force Test Pilot School (India)
Airborne Systems Group
Airbus Defence and Space GmbH
Airbus S.A.S.
Ampaire, Inc.
Aviation Partners, Inc.
Beta Technologies, Inc.
Bell
Butler Parachute Systems, Inc.
Calspan Corporation
Cert Center Canada
Collins Aerospace
Cruz Associates, Inc.
CubCrafters, Inc.
David Clark Company Incorporated
DCS Corporation
Denmar Technical Services
Draken International
ETPS
eXAQT Consultant Group
ForeFeathers Enterprises
Gauntlet Aerospace
GE Aviation
General Atomics Aeronautical Systems, Inc.
Gentex Corporation
Gulfstream Aerospace Corporation
g-Unlimited GmbH
Honda Aircraft Company
Honeywell Aerospace Flight Test Operations
Innovative Solutions & Support
International Test Pilot School Canada Ltd.
IPEV - Flight Test and Research Institute
JT4, LLC
Karem Aircraft
KBR
Leonardo S.p.A.
Lockheed Martin Corporation
Martin-Baker Aircraft Company Ltd.
Mid-Continent Instrument Company, Inc.
MIT Lincoln Laboratory
Mitsubishi Aircraft Corporation - America
Modern Technology Solutions, Inc.
Mojave Air and Space Port
National Test Pilot School
Northrop Grumman Corporation
Piper Aircraft, Inc.
Remotely Piloted Solutions
Royal Netherlands Aerospace Centre
Saab Aeronautics
Safe Flight Instrument Corporation
Sage Cheshire, Inc.
Scaled Composites, LLC
Stratolaunch, LLC
Sunshine Aero Industries, Inc.
Swedish Defence Material Administration T&E Directorate
Symbolic Displays, Incorporated
Test Flying Academy of South Africa (TFASA)
Textron Aviation
Thales VISIONIX, Inc.
The Boeing Company
The Johns Hopkins Univ. Applied Physics Laboratory
The Spaceship Company, LLC
Thornton Aircraft Company
Tiger Century Aircraft, Inc.
Turkish Aerospace Industries
Virgin Galactic, LLC
Wisk

THE SOCIETY OF EXPERIMENTAL TEST PILOTS

BOARD OF DIRECTORS

President - William Gray, USAF Test Pilot School
Vice President - David Nils Larson, NASA
Secretary - Brian Sandberg, Lockheed Martin
Treasurer - John Tongas, The Boeing Company
Legal Officer - Jameel Janjua, Calspan Corporation
Executive Advisor - Maurice Girard, Bombardier
President-Elect - Michael Wallace, The Boeing Company
Technical Advisor - Gregory Lewis, NTPS (Ret)
Technical Advisor - Terry Lutz, TLZ Aerospace
Canadian Section Representative - Perry Comeau, N'l. Res. Council Canada
Central Section Representative - Brett Pierson, Textron Aviation
East Coast Section Representative - Steve Wright, KBR
European Section Representative - Jeremy Tracy
Great Lakes Section Representative - James Bieryla, Dept. of the Air Force
Northwest Section Representative - Kerry Smith, The Boeing Company
Southeast Section Representative - Maj Michael Jordon, RCAF
Southwest Section Representative - Tom Currie, Bell
West Coast Section Representative - William Koyama, Lockheed Martin

2020 SYMPOSIUM COMMITTEE

General Chairman - Andrew McFarland, Airborne Tactical Advantage Co.
Symposium Chairman - Jameel Janjua, Calspan
Technical Tour Chairman - Paul Meyer, CDR, USN
Banquet Chairman - Art Tomassetti, Time2climb Training & Consulting
New Member Reception Chairman - Kevin Gross, NAVAIR
Luncheon Chairman - Kyle Turco, CAPT, USN
Displays Chairman - Dan Vanderhorst, JT4
Education Outreach Chairman - Tim McDonald, Northrop Grumman
Audio Visual - Claude Pasquis, CLP Productions, Inc.

SETP
P.O. Box 986
Lancaster, CA 93584
1-661-942-9574
setp@setp.org
www.setp.org
Laurie Balderas, Executive Director
laurie@setp.org



THE SOCIETY OF EXPERIMENTAL TEST PILOTS

2020 VIRTUAL SYMPOSIUM

24-25 September 2020

**The Society would like to thank the
following individuals for their generous
sponsorship of the webinar:**

Eugene Arnold (AF)
John Fergione (F)
Lisa & Bill Gray (SETP President) (F)
Philip Meterer (M)
Bill "Roto" Reuter (M)
Lt Gen Richard Reynolds, USAF (Ret) (F)
Joe Sobczak (F)
Robert Stoney (F)
In Memory of Robert Johnson (M)

**SETP would also like to thank the
sponsors that wished to remain
anonymous.**