57th Annual Symposium of the Society of Experimental Test Pilots

(SETP 2013)

Anaheim, California, USA
25-28 September 2013
SESSION I

CHAIRMAN: Jan Lindström (M), FMV

"X-47B: Carrier Suitability Testing of an Unmanned, Autonomous Air Vehicle Lessons Learned"  N/A
LT Allan Jespersen, USN (PAM)
(Paper not available for publication)

“Development and Certification Flight Tests of the Thrush S2R-H80 Agricultural Aircraft”  N/A
Leo Janssens (F), Aviation Consultants International
Ralph Kimberlin (AF), KCAS
(Paper not available for publication)

“XC-2 Flight Testing Progress Report”  1
Capt Yohei Miyasaka, JASDF
Maj Timoki Ito, JASDF

“X-51A Scramjet Demonstrator: Victory Following an Evolution Of Incremental Success”  13
Lt Col Timothy Jorris, USAF
Capt Thomas Meagher, USAF (PAM)

“Next-Next Generation Auto-GCAS Testing: An Application of 30 years of Lessons Learned”  25
Kevin Prosser (AF), Calspan Corporation

“SpaceShipTwo - The Road to Rocket-Powered Flight Test”  N/A
Mike Alsbury (M), Scaled Composites
Clint Nichols (M), Scaled Composites
Mark Stucky (AF), Scaled Composites
(Paper not available for publication)

SESSION II

CHAIRMAN: Rich Lee (AF), Boeing
“Stalling Transport Aircraft” 51
Paul Bolds-Moorehead, Boeing Commercial Airplanes
Van Chaney (M), Boeing Commercial Airplanes
Terry Lutz (AF), Airbus
Stephane Vaux, Airbus

“V-22 Aerial Refueling Flight Test Techniques” N/A
Maj Jason Jewell, USMC (M)
(Paper not available for publication)

“Building Your Defenses Against Murphy’s Law” 78
Gerald Whites (AF), Boeing
Darren McDonald, Boeing

“Piloting Technique and Risk Mitigation of Vmu Test for the Geometry Limited Aircraft” N/A
Zhao Peng (M), CFTE Test Pilot School
(Paper not available for publication)

“A Tragic First – Gulfstream G650 Flight Test Accident” N/A
Paul Donovan, Gulfstream Aerospace
Jake Howard (AF), Gulfstream Aerospace
(Paper not available for publication)

SESSION III
CHAIRMAN: Stuart Rogerson (M), Cessna Aircraft

“C-17 Tailwind Envelope Expansion” 86
Maj Zachary Schaffer, USAF (M)
Maj Eric Bippert, USAF (M)

“Trimming the Embraer KC390 Active Sidestick” N/A
Capt Eduardo Menini (M), Embraer S.A.
Augusto Neto, Embraer S.A.
Wilson Neto, Embraer S.A.
(Paper not available for publication)
“Betty Has the Aircraft: Automatic Air Collision Avoidance System Testing” 96
Maj James Hayes, USAF (PAM)
Capt Michael Pacini, USAF (PAM)
Maj Tucker Hamilton, USAF (AM)

“Reverse Engineering Crosswind Limits - A New Flight Test Technique?” N/A
Troy Asher (AF), NASA DFRC
Brian Strovers, NASA DFRC
Tim Williams (M), NASA DFRC
(Paper not available for publication)

“Certification Flight Testing of the King Air 250” N/A
James Young (AF), AeroTEC
Robert Stoney (AF), FAA
(Paper not available for publication)

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Joe Kittinger (F), Col Joe's Adventures, LLC

SESSION IV
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“External Weapons Certification on the P-8I” N/A
Christopher Dobb (AF), The Boeing Company
Norman Howell (AF), The Boeing Company
(Paper not available for publication)

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William Kuhlemeier, Lockheed Martin

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Rogers Smith (F), Smith Aero
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Flt Lt David Bell, RAAF (M)  
Flt Lt Tim Spackman, RAAF

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Maj Tucker Hamilton, USAF (AM)

“F-35B Short Take Off” N/A  
Peter Wilson (M) BAE Systems  
Dan Levin (AF), Lockheed Martin  
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CHAIRMAN: Nils Larson (AF), NASA

“The Empire Test Pilot School: 70 Years of Flight Test”  N/A  
CDR Mark MacLeod, RN (M)  
(Paper not available for publication)

“Designing, Building, and Flying a Wright B Flyer Look-a-Like Aircraft”  N/A  
Thomas Walters (M), Wright B Flyer, Inc.  
(Paper not available for publication)

“Of Tallships and Spaceships…”  N/A  
Lt Col Randy Gordon, USAF, PhD (M)  
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Evelyn Crellin, Smithsonian Institution

“Me, Myself, and I: Who's the Best Pilot?” N/A  
Art Tomassetti (AF), Lockheed Martin  
(Paper not available for publication)