SESSION I
8:30am - 12:00pm, Thursday, 22 September 2016
Chairman: Lt Col Darren Wees, USAF (M)

8:30am - 9:00am
“Not Your Normal Accelerate: Carrier Suitability Testing of the IRST Pod”
LT William Dann, USN (PAM)
LCDR Daniel Radocaj, USN (M)

9:00am - 9:30am
“WhiteKnightTwo - VMC Testing the Mothership”
Todd Ericson (AF), Virgin Galactic
Mark Stucky (F), Virgin Galactic

9:30am - 10:00am
“Aerial Refueling Probe Oscillation Testing of the HH-60G”
Maj Derek Spear, USAF (M)
Julie Clark, JT3, LLC

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

10:30am - 11:00am
“C Series: Bombardier’s First Fly By Wire Aircraft - Flight Test Results and Lessons Learned”
Maurice Girard (F), Bombardier Aerospace
Rich Ling (M), Bombardier Aerospace

11:00am - 11:30am
“Fool Me Once...Lessons Learned from Testing the F-16 Hybrid Flight Control System”
Maj Jameel Janjua, RCAF (M)
Maj Joseph Schenklen, USAF (PAM)

11:30am - 12:00pm
“Ski-Jumping the Light Combat Aircraft (Navy)”
Commodore Iaindeep Avinash “Mae” Maclanark Dr. Aminbas Sara, Aeronautical Dev. Agency
Capt Shivnath “Dax” Dahya, Indian Navy (M)

12:00pm - 1:45pm LUNCH - No formal luncheon

SESSION II
1:45pm - 5:00pm, Thursday, 22 September 2016
Chairman: John Tougas (AF), Boeing

1:45pm - 2:15pm
“Handling Qualities Stress Testing Revisited”
Kevin Prosser (F), Gulfstream Aerospace

2:15pm - 2:45pm
“MV-22 Osprey Shipboard Rolling Takeoff and Landing”
Maj J. Travis Stephenson, USMC (PAM)
Nicholas Foreman, Dept. of the Navy

2:45pm - 3:15pm
“ROBOCUT - Man Vs. Machine in VMCG Testing”
Mike Bryan (AF), The Boeing Company
Darren McDonald, The Boeing Company

3:15pm - 3:50pm - Coffee Break

3:30pm - 4:00pm
“Seaplane Longitudinal Stability Limits Flight Test Techniques”
Peng Zhao (AF), Chinese Flight Test Establishment
Guo Yongquan, Chinese Flight Test Establishment
Sun Kangning, Chinese Flight Test Establishment
Liu Jing, Chinese Flight Test Establishment

4:00pm - 4:30pm
“Fly-By-Wire Eagle: Lessons learned from F-15SA”
Maj Robert Waller, USAF (PAM)
Maj Casey Richardson, USAF (M)

4:30pm - 5:00pm
“Inital Flight Testing of the Stratospheric Perlan 2 Sailplane”
James Payne (M), Perlan Project, Inc.
Miguel Iturmenidi (M), Airborne Engineering Dynamics

SESSION III
8:00am - 11:30am, Friday, 23 September 2016
Chairwoman: Jennifer Henderson (M), Boeing

8:15am - 8:45am
“Cleared to What? F-35 Landing Testing”
Maj Corey Florendo, USAF (M)
Andrew Soundy (AF), Lockheed Martin

8:45am - 9:15am
“Into the Eye: WC-130J Weatherbird Testing”
Lt Col Frank Delsing (M), Air Force Research Lab.

9:15am - 9:45am
“Ground Minimum Control Speed Testing of Transport Aircraft”
Paul Bolds-Moorehead, The Boeing Company
Van Chaney (AF), The Boeing Company
Terry Lutz (F), TLZ Aerospace
Stephane Vaux, Airbus

9:45am - 10:00am - Coffee Break

10:00am - 10:30am
“Flight Test of the BLUECOPTER Demonstrator: Innovative and Eco-Efficient Helicopter Design”
Michael Schnitz, Airbus Helicopters
Antoine van-Gent, Airbus Helicopters

10:30am - 11:00am
“Full Envelope Airspeed Calibration Using a Single Turning Acceleration Technique”
Nick Beihl (M), USAF
Capt Juan Jurado, USAF
Capt Clark McGeehee, USAF

11:00am - 11:30am
“Aircraft Controllability and PFD's - The Baby is Ugly”
Knut Lande (AF), LandAvia, Ltd.

SESSION IV
2:30pm - 5:15pm, Friday, 23 September 2016
Chairman: Eric Boe (M), NASA

2:30pm - 3:00pm
“Lessons Learned from the OV-10J+ Rapid Warfighter Response Flight Test Program”
Maj Jay Zarra, USMC (M)

3:00pm - 3:30pm
“And the World Turned: Spin Testing the DGD-1000S”
Tim McDonald (AF), USAF Test Pilot School
Chris Liebmann, USAF Test Pilot School

3:30pm - 4:00pm
“Autonomous Aerial Refueling Demonstration: US Navy X-37B”
David Owens, Dept. of the Navy

4:00pm - 4:15pm - Coffee Break

4:15pm - 4:45pm
“Transport Category Performance Testing of the AW609 Civil Tiltrotor”
Dan Wells (AF), Leonardo Helicopters
Paul Edwards (AF), Leonardo Helicopters

4:45pm - 5:15pm
“The Unique Challenges of Flight Testing Suborbital Aircraft”
David Mackay (M), Virgin Galactic
Mark Stucky (F), Virgin Galactic

THURSDAY NIGHT RECEPTION
6:30pm - 8:00pm - Dinner Reception at Paradise Gardens in California Adventure
Attendees will have access to California Adventure beginning at 5pm.
Exclusive access to Seara Over the World attraction from 8:30pm - 10:00pm

CONTINENTAL BREAKFAST - Sequoia Foyer
7:30am - 8:00am, Friday, 24 September 2016
Chairman: Adam MacDonald (AF), AeroVironment

CONTINENTAL BREAKFAST - Sequoia Foyer
8:30am - 9:00am
“How to Make a Spaceship”
Julian Guthrie
Brian Binnie (AF), XCOR Aerospace

8:00am - 8:15am
“Evaluating VMCA in a 1911 Wright B Flyer”
Jays Jeylagh (F), Wright B Flyer, Inc.

8:15am - 8:30am
“Thrust Vectoring - Revisited”
Billie Flynn (F), Lockheed Martin
Edward Schneider (F), NASA (Ret)
Rogers Smith (F), Smith Aeron

8:30am - 8:45am
“Test Flying the Segway Camel”
Javier Arango, Aeroplane Collection

8:45am - 9:00am
“First Flight Above 100,000 Feet”
Rusty Lowry (M)

9:00am - 9:15am
“The X-2 and Ivan Kivelchek: First Flight Above 100,000 Feet”
Rusty Lowry (M)
Elizabeth Lowry

9:15am - 9:30am
“The-Last-Man-on-the-Moon”
Robert Behler (AF), Software Engineering Inst.

9:30am - 10:00am
“Documentary Screening - Sequoia Ballroom - 7:00pm”

10:00am - 10:20am - Coffee Break

10:20am - 10:50am
“Test Flying the Segway Camel”
Javier Arango, Aeroplane Collection

10:50am - 11:20am
“Relaying between SR-71 Mission to Describe Flying in Extreme Environments”
Robert Behler (AF), Software Engineering Inst.

11:20am - 11:30am
“The-Last-Man-on-the-Moon”
Robert Behler (AF), Software Engineering Inst.

THE ANNUAL BUSINESS MEETING WILL BEGIN UPON ADJOURNMENT OF THE SYMPOSIUM

BANQUET RECEPTION - SEQUOIA FOYER
5:30pm - 6:30pm

AWARDS BANQUET - SEQUOIA BALLROOM
6:30pm
The Society wishes to thank Boeing for their audiovisual support.

The Society thanks the National Test Pilot School for support with podcasting the Technical Program.