SPouse’s Event
27 September 2007
Brunch at the Hotel - 10:30am
Buses depart for Getty Villa at 11:45am

Opening Ceremonies
Sequoia Ballroom
10:00-10:15am, Thursday, 27 September 2007
Symposium Chairman:
Terry E. Tomeny (AF), Eclipse Aviation

Session I
10:15am - 11:45am, Thursday, 27 September 2007
Chairman: Greg “Crash” Jaspers (AF), Denman Technical Services
10:15am-10:45am
“French Navy E-2C NP2000 Carrier Suitability”
Francois Ducrot, DGA CEV
Bernard Pons, French Ministry of Defense CEV
11:00am-11:30am
“How Land and Then Stop a V/STOL Aircraft on a Carrier?”
Lt Christopher Gotke, RN (M)
Fred Scorer, Quintiq
11:30am - 12:00pm – LUNCH
No formal luncheon is scheduled

Session II
1:15pm – 4:45pm, Thursday, 27 September 2007
Chairman: Troy D. Pennington (M), Lockheed Martin
1:15pm-1:45pm
“A Boundary Avoidance Tracking Flight Test Technique for Performance and Workload Assessment”
Bill Gray (AF), USAF TPS
1:45pm-2:15pm
“T-50 High AOA Test Results”
Lt Col Jinho Kwon, ROKAF
Maj Jooyoung Kim, ROKAF
Heman Kwon, KAI
2:15pm-2:45pm
“Achieving the Degraded Visual Environment: A Novel Methodology for Handling Quality Flight Test”
Carvil Chalk, United States Army
2:45pm-3:15pm-Coffee Break
3:15pm-3:45pm
“How Best to Hover? Converging on a Precision Hover Flight Control Strategy for the F-35”
Justin Paines (M), Qinetiq
Buddy Denham, Naval Air Systems Command
3:45pm-4:15pm
“F-22 Small Diameter Bomb Integration Testing: There’s Hope for the Little Guy…”
Maj Jack Fischer, USAF (M)
William Kuhlmeier, Lockheed Martin
Capt Harris Hall, USAF
2Lt Brad Strong, USAF
4:15pm-4:45pm
James W. Smolka (AF), NASA
Robert A. Cowart, Gulfstream Aerospace
Leslie M. Molzahn, NASA
7:30pm showing of documentary
“In the Shadow of the Moon”
Sequoia Ballroom

Session III
8:30am – 11:00am, Friday, 28 September 2007
Chairman: Dennis O’Donoghue (AF), The Boeing Company
8:30am-9:00am
“Finally! A Flight Test Safety Database Available to the Public”
Rodrigo J. Huete (AF), FAA
Gregory V. Lewis (F), National Test Pilot School
9:00am-9:30am
“From Concept to Oshkosh in 226 Days – The Story of the Eclipse Concept Jet”
Terry E. Tomeny (AF), Eclipse Aviation
9:30am-10:00am
“Flight Testing the Airborne Laser Weapon System”
Lt Col Michael R. Contratto, USAF (M)
Lt Col Barry W. St. Germain, USAF (M)
10:00am – 10:30am – Coffee Break

Session IV
2:00pm – 5:00pm, Friday, 28 September 2007
Chairman: Nadia Roberts (M), Flight Research Inc.
2:00pm-2:30pm
“EA-18G Flight Test”
CDR Jaime Engdahl, USN
2:30pm-3:00pm
“The Design, Testing and Qualification of Spin Recovery and/or Deep-Stall Recovery Parachute Systems for Various Aircraft from 2,500 to 100,000 LB GW”
Manley C. Butler, Jr., Butler parachute Systems Group
Roberto Montanze, Butler Parachute Systems Group
3:00pm-3:30pm
“An Overview of the 13th Expedition to the International Space Station (ISS)”
COL Jeffrey Williams, USA (AF)
3:30pm-4:00pm-Coffee Break
4:00pm-4:30pm
“F-35 Lightning II – Flight Test Update”
Jon S. Beesley (F), Lockheed Martin
4:30pm-5:00pm
“Flight Test of the Sky-X Unmanned (Combat) Air Vehicle: Achievements, Lessons Learned and Incoming Activities”
Enrico Scarabotto, Alenia
Fabio Boscoilo, Alenia
6:00pm-8:00pm - Free use of California Adventure
7:30pm-9:00pm - Dinner Buffet
8:15pm - New Member Recognition
8:45pm - 11:30pm - Soarin’ Over California attraction

BANQUET RECEPTION
SEQUOIA BALLROOM
6:00pm – 7:00pm

The Annual Business Meeting will begin upon adjournment of the Symposium

Session V
“Prototypes: Demonstrating Technology, Promises and Pitfalls”
8:30am – 12:30pm, Saturday, 29 September 2007
Chairman: Paul Metz (F)
8:30am-9:00am
“Prototyping a Lunar Lander: The LLRV and LLTV Projects”
Neil Armstrong (F), Edo Corporation
9:00am-9:30am
“Crossing the Boundary: The DeHavilland DH-108 Swallow”
Capt Eric M. Brown, RN (Ret)
9:30am-10:00am
“Best of the V Bombers: The AVRO Vulcan”
Tony Blackman (F)
10:00am – 10:30am
“Finally! A Flight Test Safety Database Available to the Public”
Bill Gray (AF), USAF TPS
10:30am – 11:00am – Coffee Break
11:00am – 11:30am
“Flight Testing the XB-47 Stratojet”
Richard W. Taylor (F)
11:30am – 12:00pm
“Reverse Prototyping: The Me-262 Sturmvogel”
Horst Philipp (M)
12:00pm – 12:30pm
“A Prototype for Prototypes: The Rotor Systems Research Aircraft (RSRA)”
G. W. Warren Hall (F), NASA
Robert K. Merrill (AF)

Luncheon
Sequoia Ballroom
12:30pm – 2:00pm
Guest Speaker
Mr. Vern Raburn
CEO & President
Eclipse Aviation

Session VI
9:00am-9:30am
“Competitive Prototyping: The YC-14 and YC-15”
Floyd B. Stroup (F)
Dave B. Bittenbinder (M)
William R. Casey (F)
Raymond L. McPherson (F)
Addison S. Thompson (F)
10:00am – 10:30am
“Best of the V Bombers: The AVRO Vulcan”
Tony Blackman (F)
10:30am – 11:00am – Coffee Break
11:00am – 11:30am
“Flight Testing the XB-47 Stratojet”
Richard W. Taylor (F)
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12:00pm – 12:30pm
“A Prototype for Prototypes: The Rotor Systems Research Aircraft (RSRA)”
G. W. Warren Hall (F), NASA
Robert K. Merrill (AF)

Setb New Member Reception
27 September 2007
The New Member Reception is being integrated into the Friday Night Reception this year.
6:00pm-8:00pm - Free use of California Adventure
6:30pm - Reception at Stage 17 inside California Adventure
7:30pm-9:00pm - Dinner Buffet
8:15pm - New Member Recognition
8:45pm - 11:30pm - Soarin’ Over California attraction

#reflections
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PROGRAM

REGISTRATION

All attendees of the Symposium are required to register. The registration fee covers admission to all technical sessions, Friday Luncheon, an SETP Reception ticket, and one copy of the Symposium Proceedings.

The SETP Headquarters and registration will be in the Sequoia Registration Booth and will be open:

Wednesday 26 September, 11:30am - 7:30pm
Thursday 27 September, 7:00am – 5:00pm
Friday 28 September, 7:00am - 5:30pm
Saturday 29 September, 7:00am - 1:30pm

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The Society wishes to acknowledge Boeing Integrated Defense Systems for their audiovisual support throughout the Symposium and Banquet.

We also wish to acknowledge Northrop Grumman for their continued support of the SETP Oral History program.

P A R T N E R S

Honda Aircraft Company

WELCOME

Welcome to all Symposium attendees to The Society of Experimental Test Pilots’ 51st International “Report to the Aerospace Profession.”

The Symposium Committee has developed an exceptional and stimulating program with both formal and informal venues for the exchange of information and renewal of personal and professional friendships.

I sincerely hope you will enjoy this gathering and, most importantly, are able to use these data to safely and efficiently conduct your flight test efforts.

Fly Safe!

James R. Sandberg (F)
International President