

**SPOUSE'S EVENT**

24 September 2009  
 "Lunch & Learn" - Trillium Room at 11:30am  
 After lunch attendees will head to Disney's  
 California Adventure for a preferred viewing of the  
 Aladdin stage show.

**CONTINENTAL BREAKFAST**

7:30am - 8:30am, Thursday, 24 September 2009  
 Sequoia Foyer

**OPENING CEREMONIES**

Sequoia Ballroom  
 8:30am - 8:45am, Thursday, 24 September 2009

General Chairman:  
 William A. "Billie" Flynn (F), Lockheed Martin

Symposium Chairman:  
 James E. "JB" Brown, III (F), Lockheed Martin

**SESSION I**

8:45am - 5:00pm, Thursday, 24 September 2009  
 Chairman: Steve Rainey (AF), Boeing

8:45am - 9:15am

**"Development, Test and Evaluation of the Sandblaster Program— an Integrated Design Solution to the Helicopter "Brownout" Landing Problem"**  
 Lorren Stiles (AF), Sikorsky Aircraft Company

9:15am - 9:45am

**"NC-130H Advanced Tactical Laser Demonstration"**  
 Andrew B. White (M), 413th Flight Test Squadron  
 Eric Van Dorn, 413th Flight Test Squadron

9:45am - 10:15am

**"PIO Testing of Transport Category Aircraft - Issues and Observations"**  
 Eugene F. Arnold (M), FAA

**10:15am - 10:45am-Coffee Break**

10:45am - 11:15am

**"Automatic Ground Collision Avoidance - Research to the Real Thing"**  
 Billie Flynn (F), Lockheed Martin  
 Kevin Prosser (AF), Calspan

11:15am - 11:45am

**"777 Freighter Aileron Vibration Event"**  
 Van Chaney (AM), Boeing  
 Paul Bolds-Moorehead, Boeing

**11:45am - 1:00pm**

**LUNCH - No formal luncheon is scheduled**

1:00pm - 1:15pm

**Administrative Remarks**

1:15pm - 1:45pm

**"Making UH-1N Hover Performance Charts Predict Better"**

Tony Arrington (M), USAF  
 Maj Amy Cox, USAF  
 2nd Lt Andrew Brinker, USAF  
 MSgt Brian Ostermann, USAF

1:45pm - 2:15pm

**"Qualification Testing of New or Modified Receiver Aircraft with Qualified Tanker Aircraft"**

Maj James Spencer, USAF (M)  
 1st Lt Jon Rowland, USAF

2:15pm - 2:45pm

**"Eurofighter Wing Root Strakes for High AOA"**

Chris Worning (F), EADS  
 Dr. Erol Özger, EADS

**2:45pm - 3:00pm-Coffee Break**

3:00pm - 3:30pm

**"Airship Resurgence - An Introduction to the Test Pilot"**

Eric Hansen (AF), Lockheed Martin

3:30pm - 4:00pm

**"F-16 Engine Testing in the Failed State - Lessons Learned in the Chocks"**

Maj Desmond Brophy, CAF (M)

4:00pm - 4:30pm

**"Rotary - Wing Flight Testing in Direct Support of the Deployed Warfighter"**

CW4 Paul M. Steele, USA (M)

4:30pm - 5:00pm

**"Supersonic Store Separation at the Holloman High Speed Test Track"**

Lt Col Angela Suplisson, USAF  
 Kamal Shouman, USAF  
 Bill Bower, Boeing  
 James Grove, USAF

**SPECIAL VIEWING OF**

**"THE LEGEND OF PANCHE BARNES"**

7:30pm - Sequoia Ballroom

**CONTINENTAL BREAKFAST**

7:00am - 8:00am, Friday, 25 September 2009  
 Sequoia Foyer

**SESSION II**

8:00am - 5:00pm, Friday, 25 September 2009  
 Chairman: Bill Gray (AF), United States  
 Air Force Test Pilot School

8:00am - 8:15am

**Administrative Remarks**

8:15am - 8:45am

**"Too Much of a Good Thing: A Discussion of the Excessive Advisories, Cautions, & Warnings in the E-2D Advanced Hawkeye"**

LCDR Lawrence Nance, USN (M)  
 Pat Svatek, NAVAIR

8:45am - 9:15am

**"New Wheels for an Old Classic: Surprises in the Landing Gear and Brake Upgrades Testing for NASA's WB-57F"**

Rob Rivers (M), NASA

9:15am - 9:45am

**"Testing a New Naval Aviation Recovery Manoeuvre"**

Justin Paines (M), QinetiQ  
 Lt Cdr Chris Gotke, RN (M)  
 Fred Scorer, QinetiQ

**9:45am - 10:15am-Coffee Break**

10:15am - 10:45am

**"Handling Qualities Testing of a Highly Unstable Fighter"**

LTCOL Robbs Hierl, GAF (M)  
 Oliver Brieger, DLR

10:45am - 11:15am

**"Haulin' the BACN Combat Flight Tests on the RC-700A "Desert Express"**

Maj Randel Gordon, USAF (M)

11:15am - 11:45am

**"KC-767 Aerial Refueling Test"**

Capt Takashi Haraguchi, JASDF  
 Maj Jun Ikeda, JASDF

**LUNCHEON**

**Sequoia Ballroom**

**12:30pm - 2:00pm**

**Guest Speaker**

**Gene Cernan (F)**

2:15pm - 2:30pm

**Administrative Remarks**

2:30pm - 3:00pm

**"Goddard Meets NASCAR: Development and Flight Test of the XCOR Rocket -Powered Prototype Racing Aircraft"**

Rick Searfoss (AF), XCOR Aerospace  
 Mark Street, XCOR Aerospace

3:00pm - 3:30pm

**"Columbia Crew Survival Investigation"**

Pam Melroy (M), Lockheed Martin

3:30pm - 4:00pm

**"White Knight Two Flight Test Program Update"**

Peter Siebold (AF), Scaled Composites

4:00pm - 5:00pm

**"Open Forum"**

**"Is SETP Effective Now? And in the Future?"**

Moderated by: Edward T. Schneider (F)  
**Panel Members:** Dennis O'Donoghue (F), Boeing;  
 Bruce Remick (AF), FAA; Lt Gen Dick Reynolds,  
 USAF (Ret) (F), BearingPoint; Nigel Speedy (M),  
 National Test Pilot School

**FRIDAY NIGHT RECEPTION**

5:00pm - 8:00pm - Free use of California Adventure  
 7:00pm - Reception at Stage 17 inside California Adventure  
 7:30pm-9:00pm - Dinner Buffet  
 8:45pm - 12:00am - Soarin' Over California attraction

**CONTINENTAL BREAKFAST**

7:00am - 8:00am, Saturday, 26 September 2009  
 Sequoia Foyer

**SESSION III**

8:00am - 12:00pm, Saturday, 26 September 2009  
 Chairman: John A. Fergione (F)

8:00am - 8:15am

**Administrative Remarks**

8:15am - 9:15am

**"Evolution of the B-52"**

Guy M. Townsend (F)  
 Richard W. "Dick" Taylor (F)  
 Brien S. Wygle (F)

9:15am - 9:45am

**"DO-31 VSTOL"**

Drury W. Wood (F)

**9:45am - 10:15am - Coffee Break**

10:15am - 10:45am

**"NF-104A"**

Terry White, White Eagle Aerospace

10:45am - 11:15am

**"The Performance Paradox"**

Javier Arango

11:15am - 12:00pm

**"Jet Man"**

Yves Rossy (M)

**THE ANNUAL BUSINESS MEETING WILL BEGIN UPON ADJOURNMENT OF THE SYMPOSIUM**

**BANQUET RECEPTION**

**SEQUOIA FOYER**

6:00pm - 7:00pm

**AWARDS BANQUET**

**SEQUOIA BALLROOM**

7:00pm, 26 September 2009

# WELCOMING RECEPTION

## SPONSORS



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

*The Society would also like to thank Northrop Grumman for their ongoing support of the Oral History 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	23 September, 11:00am – 7:30pm
Thursday	24 September, 7:00am – 5:00pm
Friday	25 September, 7:00am - 5:00pm
Saturday	26 September, 7:00am - 1:30pm

## SYMPOSIUM AND BANQUET COMMITTEE

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Symposium Chairman.....	JAMES E. BROWN, III
Luncheon Chairman.....	DESMOND C. BROPHY
Friday Night Reception Chairman .....	..... ETIENNE DE MALLERAY
New Member Reception Chairman.....	C. W. BILL CONNOR
Banquet Chairman .....	DAVID M. KENNEDY
Displays Chairman.....	DAN VANDERHORST
Dr. Gerry T. Morton , Jr. Technical Tour Chairman.....	..... ROY MARTIN

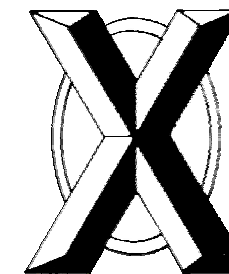
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## PROGRAM

### THE SOCIETY OF EXPERIMENTAL TEST PILOTS



### 53rd SYMPOSIUM AND AWARDS BANQUET

23-26 SEPTEMBER 2009

THE GRAND CALIFORNIAN HOTEL  
ANAHEIM, CALIFORNIA

WELCOME

Welcome to the Society of Experimental Test Pilots' 53rd International "Report to the Aerospace Profession". Billie Flynn (F) and his Symposium Committee have developed an exceptional and stimulating program with both formal and informal venues for the exchange of information and renewal of personal and professional friendships. We all sincerely hope you enjoy this gathering and, most importantly, that you can take home some fresh insights that will allow you to conduct your flight tests more efficiently and with greater safety.

Gregory V. Lewis (F)  
President, 2008-2009