

AHS Technical Specialist's Meeting on Vertical Lift
Research, Development, Test and Evaluation
Patuxent River MD Chapter

Wednesday 26 August - AM

Room 1

0745 – 0800 Welcome/Admin/Intro

**0800 – 0830: LtCol Roger Cordell,
Commanding Officer, US Naval Test
Pilot School, Opening Remarks**

**Session 1.1: Chairman – LtCol Roger
Cordell, Commanding Officer, US Naval
Test Pilot School**

**0830 – 1000: Special Guest Speaker
Winslow Wheeler, Independence Group,
America's Defense Meltdown**

1000-1015: Break

**1015-1100: Mr. Rob King, US Army
Aviation Engineering Directorate,
Huntsville, AL, "Army DT Airworthiness
Release Process"**

***Teatative 1100-1145: Admiral Dunaway,
OPTEVFOR – Navy Opeval***

**1145-1245: Lunch with Special Guest
Speaker, Mr. Tom Laux, Deputy
Assistant to the Secretary of the Navy
for Aviation**

Room 2

**Session 2.1: Chairman – Mr. Joe
Carbonaro, NAWC-AD, Technical
Director, HX-21**

**George Bobula, Chief Engineer,
Propulsion Division, Aviation
Engineering Directorate
AMRDEC, Joel Heady, AMRDEC,
"Ballistic Test Method to Document the
Containment Capability of Small Gas
Turbine Engine Compressors"**

**Jose L. Palacios, Penn State, "Proof-Of-
Concept Testing of Tailored Wave Guide
Technology for Enhancement of a
Helicopter Leading Edge Ultrasonic
Deicing System"**

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Wednesday 26 August - PM

Room 1

Session 1.2: Chairman – Chairman -Mr. Craig Nixon, Wyle Labs, Flight Instructor, US Naval Test Pilot School

1300-1345: Steve Troutman, NAVAIR Advanced Concepts, “Technology & Ship Suitability Implications of Future Heavy Lift VTOL Aircraft”

1345-1430: Mark Hardesty, Boeing Rotorcraft Systems, “Unmanned Little Bird Test Capability”

1430-1515: Barry Walden, NAVAIR Loads and Dynamics, “Correlation of the Vibration Rating Scale with Flight Vibration Survey Measurements”

Break

1530-1615: Maj Rory Feely, USMC, Ms. Cam Chinh, HX-21, “TSS/Hellfire Compatibility Testing on the AH-1Z Viper”

1615-1700: Naval Aviation Center for Rotorcraft Advancement

1730-1930: Mixer at the Naval Air Test and Evaluation Museum

Room 2

Session 2.2: CDR Andy Lynch, USN, Executive Officer, US Naval Test Pilot School.

Mrs. Jennie T. Mitchell, NAVAIR Rotary Wing Ship Suitability, “MV-22B Osprey Short Takeoff (STO) and Minimum Run-on Landing (MROL) Tests aboard LHD Class Ships”

Capt. Alrik Hoencamp, Netherlands Defence Academy (NLDA), “An Overview of Ship Handling Operation Limits Testing Within The Royal Netherlands Navy

CAPT Murray R. Snyder, USN, PhD , John S. Burks, Visiting Professor, US Naval Academy, Determination of Shipborne Helicopter Launch and Recovery Limitations Using Computational Fluid Dynamics

Break

Yi Lu, Boeing Rotorcraft Systems, Martin Shubert, Bell Helicopter, “MV-22B Airplane Mode External Cargo Envelope Expansion Tests, Simulation and Correlations”

Robert McKillip, Continuum Dynamics, “A Surface-Mounted Rotor State Sensing System”

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Thursday 27 August

Room 1

Room 2

**0800-0845: Welcome 2nd Day Admiral
Eastburg, NAVAIR**

**Session 1.3: Chairman – Mr. Scott Bruce,
President, AHS Patuxent River Chapter**

**0900-1015: Dr. Fredric H. Schmitz, University
of Maryland, 2009 Nikolsky Lectureship
Winner, “Measurements and CFD Based Acoustic
Computations of Experimentally Simulated BVI
Noise”**

Break

**Session 1.4: Chairman – Mr. Barry Walden,
NAVAIR Loads and Dynamics**

**1030-1115: Mark Wilson, Sikorsky Aircraft,
“X2 Developmental Flight Test Update”**

**1115 – 1200: Mr. Nick Lappos, Bell Helicopter,
“Where Aircraft Limits Really Come From”.**

1200-1300: Lunch

**1300 – 1345: NAVAIR Program Brief (H-60, H-
46, or H-1)**

**1345-1430: NAVAIR Program Brief (H-60, H-
46, or H-1)**

**1430-1515: NAVAIR Program Brief (H-60, H-
46, or H-1)**

1530-1730: Tours

**Session 2.3: Chairman – Mr. Paul
Croisetiere, General Electric**

Tentative F-35 STOVL Flight Testing

**Dr. Kshitij Shrotri, Georgia Tech,
“Crashworthy Composite Skid Landing
Gear”**

Lunch

**Michael Hirschberg, CENTRA
Technology, Inc., “Canadian Supersonic
VSTOL History**

**Tommy Thomason, Author, “The
Forgotten Bell HSL Tandem Helicopter”**

***Tentative Sikorsky Aircraft – CH-53K
Update***