Wednesday 27 August-AM

**Room 1**

07:45 – 08:00 Welcome/Admin/Intro

08:00 – 08:30: LTCOL Greg Fortier, USA, Commanding Officer, US Naval Test Pilot School, Opening Remarks

Session 1.1: Chairman – LTCOL Greg Fortier, USA, Commanding Officer, US Naval Test Pilot School

08:30 – 10:00: Special Guest Speaker, Mr. Matt Zuccaro, President, Helicopter Association International (HAI), Remarks

10:00-10:15: Break

10:15-11:00: Mr. Bill Geyer, Academic Instructor, US Naval Test Pilot School, “ARINC-429 Bus Based Data Acquisition System for Test Pilot Training”

11:00-11:45: HX-21 “CH-53E Getting Shot at”

11:45-12:45: Lunch – Guest Speaker (BGEN Jerry Glavy or Susan Gorton NASA)

**Room 2**

08:00 – 08:30: LTCOL Greg Fortier, USA, Commanding Officer, US Naval Test Pilot School, Opening Remarks

Session 2.1: Chairman – Jason Periera, Avericon

10:15-11:00: Mr. John Nelson, NAVAIR, “Rotary Wing Shipboard UAV”

11:00-11:45: Mr. Robert McKillip, Continuum Dynamics, “Virtual Visual Landing Aid for Rotorcraft Recovery”

Lunch
### Room 1

**Session 1.2: Chairman** - Mr. Craig Nixon, Flight Curriculum Manager, US Naval Test Pilot School

13:00–13:45: Rasheed Mahmood, Penn St, “Vibration Energy Harvesting Systems for Structural Health Monitoring on Rotorcraft Drive Shafts”

13:45–14:30: Mr. Nick Lappos

14:30–15:15: Mr. Larry Shaffer, GE Intelligent Platforms, “Fusion of Synthetic and Live Imagery in a Two View Domain” (includes paper)

Break

15:30–16:15: Vacant

16:15–17:00: Vacant

17:30–19:30: Mixer at the St. Mary’s Airport Terminal

### Room 2

**Session 2.2: Chairman** – Mr. Ajay Sehgal, Chief Engineer, Wyle Aerospace Group


14:30–15:15: Mr. Nick Lappos

15:30–16:15: Dr. Roberto Celi/Ananth Sridharan, University of Maryland, “Dynamic Stability and Frequency Response of a Helicopter Towing a Submerged Body”

16:15–17:00: Dr. Roberto Celi/Capt Daniel Brown, USA, University of Maryland, “Effects of Contrast and Spatial Frequency on Idealized Compensatory Tasks”
AHS International 4th Technical Specialist’s Meeting on Vertical Lift Research, Development, Test and Evaluation
Patuxent River MD Chapter

Thursday 28 August - AM

Room 1

08:00: Welcome 2nd Day General Session

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


09:00-09:45: LtCol John Neville, Commanding Officer, HX-21, Flight Test Projects Update

Session 1.4: Chairman – Mr. Joe Carbonaro, Technical Director, HX-21.

09:45 – 10:30: LtCol RJ Shriener, USNTPS Flight Instructor/Alex Pyle, VX-20 Flight Test “Testing the Advanced Precision Kill Weapon System on the AH-1W/Z Cobra”

10:30-11:15: LCDR Dan Person, HX-21 “SH-60R Weapons"

11:15 – 12:45: Lunch – Special Guest Speaker (BGEN Jerry Glavy or Susan Gorton NASA), Remarks

Room 2

Break

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

09:45 – 10:30: Sean Roarke, NAVAIR Handling Qualities, “PONG, Potable Optical Naval guidance System for Evaluating Handling Qualities in Shipboard Hover”

11:15 – 12:45: Lunch
<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>13:00 – 13:45</td>
<td>CAPT Wade McConvey, USN, PMA 274, Presidential Helicopter Program Brief</td>
<td>Jamie Reel, University of Maryland, “Mechanisms of Vortex-Induced Particle Transport as it Affects Brownout” (includes paper)</td>
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<td>13:45-14:30</td>
<td>CAPT James Glass, USN, PMA 299, “H-60 Program Update”</td>
<td>Jared Solis, Penn State University, “Comparison of Rotorcraft Blade De-icing Systems: Electrothermal vs. Ultrasonic”</td>
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<td>14:30-15:15</td>
<td>COL Steven Girard, USMC, PMA 276, Light/Attack Helicopter Program Brief</td>
<td>Anand Saxena, University of Maryland, “Wind Tunnel Testing of a Swashplateless Rotor with Compact Brushless Motor Actuated Flaps for Primary Control”</td>
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<td>15:30</td>
<td>Add’l Program Briefs, Tours (TPS and HX-21 Hangar) and/or Air Show Mixer, VX-23 Hangar</td>
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