

Handling Qualities Specialists' Meeting
Chan Auditorium, UAHuntsville
Huntsville, AL

DRAFT

Wednesday, 19 February 2014	
Time	
0900-1300	Attendee Registration
0900-1300	Presentation Material drop-off for Authors
1300-1315	Welcome by Chapter President - Mr. Greg Oelberg
1315-1330	Meeting Objectives by General Chair - Mr. Les Wiggins, Aviation Engineering Directorate
1330-1430	Keynote Address - Dr. William Lewis, Director, Aviation Development Directorate
1430-1500	Break
	Session I - Rotors/Control
	Session Chair - TBD
1500-1530	HHC/AFCS Interaction and Performance using Piloted Simulation Evaluations, Lopez et al.
1530-1600	Development and Comparison of Explicit and Implicit Rotor-State Feedback Control Systems for a Fly-by-Wire UH-60, Ivler et al.
1600-1630	Control of a Large Flexible Tiltrotor Aircraft in Hover, Juhasz et al.
1700-1900	Social

Thursday, 20 February 2014	
Time	
0700-1200	Attendee Registration
0700-1200	Presentation Material drop-off for Authors
0745-0800	Welcome by General Chair - Mr. Les Wiggins, Aviation Engineering Directorate
	Session II - Degraded Visual Environment
	Session Chair - TBD
0800-0830	Effect of Contrast and Spatial Frequency on an Idealized Compensatory Task, Brown et al.
0830-0900	Synthetic Vision Avionics Backbone (SVAB) Program, Wiebold et al.
0900-0930	Combining Aircraft Subsystems into Integrated Flight Modes for Rotorcraft Maneuvering in Degraded Visual Environments, Jeram et al.
0930-1000	Break
	Session III - Handling Qualities in Design
	Session Chair - TBD
1000-1000	Flight Test Approval for Flight Control System & Handling Qualities Upgrade Development Efforts, Luria et al.
1030-1100	In-flight evaluation of active sidestick parameters with respect to handling qualities for Rate Command and Attitude Command response types, von Grunhagen et al.
1100-1130	TBD
1130-1300	Lunch
	Session III (Cont) - Handling Qualities in Design
	Session Chair - TBD
1300-1330	Incorporating Handling Qualities Analysis into Rotorcraft Conceptual Design, Lawrence et al.
1330-1400	Applying ADS-33E Concepts to a Commercial Helicopter Design, O'Neill et al.
1400-1430	Aeronautical Design Standard – 33 (ADS-33) ... Past, Present, and Future, Blanken et al.
1430-1500	Break
	Session IV - Panel Discussion on ADS-33
1500-1630	Session Chair/Moderator - Les Wiggins, Aviation Engineering Directorate
1630	Closing Remarks by Chapter President - Mr. Greg Oelberg