**THURSDAY, 6 MAY 2004**

Naval Air Station
Conference Center

0900-0930 WELCOME AND KEYNOTE SPEAKER
RADM David J. Venlet, USN

Mark Hussey
Flight Test Safety Committee Chairman

**SESSION I**
Rodrigo Huete, FAA
Chairman

0935-1010
Risk Management of X-31 Flight Testing at Patuxent River, Maryland
Rusty Lowry
Air Test & Evaluation Squadron Twenty Three

1010-1040
Flight Test Safety in the Non-Structured Test Environment
Mark H. Goodrich
International Ferry and Flight Test Group

1040-1100 COFFEE BREAK

1100-1130
Lessons Learned from a High Profile Test Program (FA-22)
TSgt Dave Francye, USAF

1130-1200
Use of Low Cost Flight Simulation in Incident Reconstruction and Accident Investigation
Chris Keithley, Lockheed Martin

1200-1230
Helios High Altitude Long Endurance Mission, Risk Analysis, and Mishap
Lawrence Davis, NASA/DFRC
Ken Cross, NASA/DFRC

1230-1330 Lunch

**SESSION II**
CAPT James Galanie, USN
Chairman

1335-1405
EMBRAER 170 VMU Flight Tests Risk Analysis
David Branco, EMBRAER
Roberto Becker, EMBRAER

1405-1435
GLOBAL HAWK Lessons Learned
Capt Jason C. Doster, USAF
Capt Timothy R. Jorris, USAF

1435-1505
Flight Testing the Automatic Air Collision Avoidance System (Auto ACAS)
Maj Scott Wierzbowski, USAF

1505-1530 COFFEE BREAK

1530-1600
Lessons Learned from a High Profile Test Program (FA-22)
TSgt Dave Francye, USAF

1600-1630
High Incidence Flight Testing Risk Management
Terry Smith, BAE SYSTEMS

1630-1730 Panel Discussion
CORPORATE VISION OF RISK MANAGEMENT
Panelists
Eugene Bollin, ACO/FAA
CAPT John K. Schmidt, USN
Michael J. Tkach, Bell Boeing
CAPT Jeffrey A. Wieringa, USN

1500 Special discussion on certification of Flight Test Safety Officers

**FRIDAY, 7 MAY 2004**

0830-0900
Welcome and Opening Paper

Valery Chekalova—The Meteoric Career of a Soviet Test Pilot
Terry Lutz

0905-0935
Release of a Functional GBU-24B/B: Causes, Consequences and Lessons Learned
Keith J. Shanahan, Naval Air Systems Command

0935-1005
The System Approach to Spin/Stall Parachute Recovery Systems—A Five Year Update
Tony Taylor, Irvin Aerospace

1005-1035
Firing Tunnel Testing—Lessons Learned
Maj M. G. Kelly, USMC

1035-1100 COFFEE BREAK

1100-1130
X-43 Hyper-X Mission, Mishap and Return to Flight Risk Reduction
Lawrence Davis, NASA/DFRC

1130-1200
Use of Low Cost Flight Simulation in Incident Reconstruction and Accident Investigation
Chris Keithley, Lockheed Martin

1200-1230
High Incidence Flight Testing Risk Management
Terry Smith, BAE SYSTEMS

1230-1330 Lunch

1330 Panel Discussion
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1500 Special discussion on certification of Flight Test Safety Officers
**FLIGHT TEST SAFETY COMMITTEE CHAIRMAN**

Mark R. Hussey  
GE Aircraft Engines

**FLIGHT TEST SAFETY WORKSHOP COMMITTEE**

**CHAIRMAN**  
Tom Roberts  
RDT&E Safety Manager, Naval Test Wing Atlantic

**CHARTER**

Initiate and sustain a Flight Test related Safety Organization intended to promote flight safety, reduce the risk of mishap, promote risk management and continually improve the profession’s communication and coordination. To facilitate these goals, the Committee will develop, implement, and maintain a Flight Test related computerized database readily available to all members and member organizations.

**MISSION STATEMENT**

1. Foster good interchange of information related to Flight Test Lessons Learned to reduce potential mishaps.

2. Promote an atmosphere of sharing Lessons Learned and/or Best Practices for risk reduction management.

3. Direct the effort to promote Flight Test Safety through education.

4. Gather information to compile the database and accomplish the goals of the Charter.

5. Assimilate the information in a user-friendly computer system, provide worldwide access and update the database, as information becomes available.

6. Ensure that the data collected, used, and distributed from this effort DOES NOT REFLECT upon the prior actions, incidents, or accidents of the members or associated organizations.

**PROGRAM**

**FLIGHT TEST SAFETY WORKSHOP 2004**

“Risk Analysis and Lessons Learned in Flight Testing”

**UNITED STATES NAVAL AIR STATION CONFERENCE CENTER**

PENSACOLA, FLORIDA

5-7 May 2004