

**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

**Risk Management in the FAA Aircraft  
Certification Service**

David Downey, FAA

1130-1200

**Cutting Edge, Lessons for Advanced  
Flight Testing: The NASA Flight Test  
Safety Database**

Bart Henwood, NASA/DFRC  
Mark Dickerson, AS&M

1200-1230

**Risk Management Research**

Capt John Schmidt, USN

**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 Wierzbanski, USAF

**1505-1530 COFFEE BREAK**

1530-1600

**Lessons Learned from a High Profile  
Test Program (FA-22)**

TSgt Dave Francey, USAF

1600-1630

**Helios High Altitude Long Endurance  
Mission, Risk Analysis, and Mishap**

Lawrence Davis, NASA/DFRC  
Ken Cross, NASA /DFRC

**RECEPTION**

*Rosie O'Grady's*

*A trolley will be available and will depart the Crowne  
Plaza Hotel at 6:00pm and will return guests to the  
hotel throughout the evening. This reception is  
included in the registration fee.*

**FRIDAY, 7 MAY 2004**

0830-0900

**Welcome and Opening Paper**

**Valery Chekalova—The Meteoric  
Career of a Soviet Test Pilot**

Terry Lutz

**SESSION III**

Pete Donath, Boeing, Phantom Works  
Chairman

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  
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**

## **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**