WORKSHOP CHAIRMAN
Mark R. Hussey
GE Aircraft Engines Flight Test Operations

TECHNICAL CHAIRMEN
Richard L. Newman
Embry-Riddle Aeronautical University
David J. Houle
Society of Flight Test Engineers Flight Tester Emeritus

PARTICIPATING ORGANIZATIONS
AFFTC
ATTC
American Institute of Aeronautics and Astronautics
BAE SYSTEMS
Boeing Commercial Aircraft Company
CAE Electronics
DASA
Embraer
Embry-Riddle Aeronautical University
Empire Test Pilots’ School
Federal Aviation Administration
GE Aircraft Engines
Kalman & Co., Inc.
Learjet
Lockheed-Martin
Management Sciences
National Test Pilot School
Naval Air Weapons Center
NASA
Raytheon
Society of Experimental Test Pilots
Society of Flight Test Engineers

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.

FLIGHT TEST SAFETY WORKSHOP 2002
“SYSTEMS FLIGHT TESTING IN A REALISTIC ENVIRONMENT”
SPONSORED BY THE EMPIRE TEST PILOTS’ SCHOOL
And
KALMAN & CO, INC.

RMS QUEEN MARY
LONG BEACH, CALIFORNIA
29 April-1 May 2002
TUESDAY, 30 April 2002

0715-0815 – BREAKFAST
ROYAL SALON

0830 – 0845 WELCOME
QUEENS SALON

Mark Hussey
Workshop Chairman

Roger Beazley
Empire Test Pilots’ School Sponsor

Bart Henwood
Kalman & Co., Inc. Sponsor

Richard Newman
Technical Presentation Chairman

David Houle
Technical Presentation Chairman

0845-0915
Lockheed Martin C-130J Natural Icing Certification Test Program
Ralph “Butch” Johnston, Lockheed Martin
Robert Ryan, Lockheed Martin

0915-0945
Flight Controls Need Hydraulics or How Not to Loose a Valuable Test Aeroplane
Terry D. Smith, BAE SYSTEMS

0945-1000
Coffee Break

1000-1230
Adverse Weather Test Session

Introduction to Adverse Weather Testing
Richard Newman
Embry-Riddle Aeronautical University
Loran Haworth, FAA
Lorry Faber, FAA

Natural Icing Flight Testing – Controlling the Risks
Dennis Newton, Consultant DER

1015 – 1215
Night Vision Goggle Test Session
Lorry Faber, FAA
Loran Haworth, FAA
Richard Newman
Embry-Riddle Aeronautical University

Night Vision Systems Flight Test Considerations
J. “Chuck” Antonio, NAWC/AD

Electro-magnetic Interference and Compatibility (EMI/EMC) Testing of the AN/AVS-6(V)3 Aviator’s Night Vision Imaging System (ANVIS)
Joe Roberts, Litton
Electro-Optical Systems

Civil Night Vision Goggle Testing
Anne Godfrey, FAA

An Overview of Flight Testing of Night Vision Sensor Systems at NVESD
Trang Bui, U.S. Army NVESD

1215-1245
Embraer 170 First Flight
Jens Wentz, EMBRAER

1245 – 1345
LUNCH – ROYAL SALON

1345 – 1630
Panel/Open Forum Discussion
“How Can A Certified Aircraft Be Broken”

1630
Closing Remarks

WEDNESDAY, 1 May 2002

0830-0900
Safe Autoflight Testing in Difficult Conditions
Flash Parlini, Boeing Commercial Airplane

0900-0930
Safety Considerations Regarding Flight Test Instrumentation Installations
Daniel W. Hrehov
Boeing Commercial Airplane

0930 - 1000
T-45 Main Landing Gear Uplocks
Christina Stack, NAVAIR

1000-1015
Coffee Break

1015 – 1215
Night Vision Goggle Test Session
Lorry Faber, FAA
Loran Haworth, FAA
Richard Newman
Embry-Riddle Aeronautical University

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