



2005 Flight Test Safety Workshop

Presentation Program

**May 17-19, 2005
Seattle Renaissance Hotel**



TUESDAY, 17 MAY 2005
Renaissance, Seattle Hotel

1300-1315 WELCOME AND INTRODUCTION

Mark Hussey
Flight Test Safety
Committee Chairman

1300-1600 SESSION I

Mark Hussey
Session Chairman

1315-1345

Approaching the Edge: Heavy Jet Flight Test for High Fidelity Simulator Development"

LCDR Adam T. Scott, USN, E-6B Lead Test
Pilot
Mr. R. Brandon Munday, ELDES Project
Engineer

1345-1415

Wedgetail Flight Test Program--Progress to Date

Doug Benjamin, Boeing

1415-1430 - COFFEE BREAK

1430-1500

Fixed Wing Update: *F/A-18 High Angle-of- Attack*

Steve Potter and CDR David Woodbury

1500-1530

"CAUTION, WAKE TURBULENCE"

Experience

from wake vortex related flight trials by NLR

Arun K. Karwal, NLR project pilot

1530-1600

Saying Goodbye To Douglas

Pete Donath, Boeing

WEDNESDAY, 18 MAY 2005

0900 – 1200 SESSION II

Pete Donath, Boeing
Session Chairman

0900-0930

Continued High Risk F/A-18A-F Flight Testing at NAS Patuxent River, MD

Dean Armstrong, (Presenter, Author)
Michael "Sting" Wallace (Presenter, Author)
Alan Wirth, (Presenter, Author)
Landon Brown, (Author)
Andrew Patton, (Author)

0930-1000

MV-22B Departure Resistance Test Planning

Mr. Nicholas Heiner, Major Scott Trail USMC

1000-1030

Beware of raptors with open doors:

The F/A-22 Safe Separations program

Major Charles K. Havasy, USAF, (Author)
John Fergione, Lockheed Martin, (Presenter)

1030-1050 - COFFEE BREAK

1050-1120

CREW RESOURCE MANAGEMENT TRAINING AND THE TEST TEAM

LtCol Art Tomassetti , Chief Test Pilot VX-23

1120-1150

Risk Management Lessons Learned from APG-79 Radar Test Planning and Execution

LCDR Nate Marler, APG-79/AESA Project
Officer

1200-1300 - LUNCH

1300-1600 SESSION III

John Fergione, Lockheed Martin
Session Chairman

1300-1330

**The EADS Military Aircraft Flight
Test Safety Process**

Lars Illum Jørgensen, EADS Deutschland
GmbH

1330-1400

GE's Team Test Pirates

Dale Stix, GE Flight Test Operation
Mark Hussey, GE Flight Test Operation

1400-1430

**F/A-18E/F Leading Edge Flap Hydraulic Drive
Unit Safety Assessment for Operational
Evaluation**

Chris Blake, Boeing F/A-18 Safety

1430-1445 - COFFEE BREAK

1445-1515

Introducing Students To Flight Testing

Charles E. Hall Jr. Mechanical and Aerospace
Engineering, North Carolina State U.

1515-1545

Look Beyond the Numbers

Will Gibbons, Senior Engineer, Engineering
Flight Test

THURSDAY, 19 MAY 2005

0900-1200 SESSION IV

Ralph Mohr, Boeing
Session Chairman

0905-0935

**Procedures and Methodologies Used by the
Air Armament Center (AAC) Range Safety
Section**

WALTER O. MONTEITH, Chief of Range Safety

0935-1005

NAVAIR Technical Assurance Board

LtCol S.D. Healy, USMC, NAVAIR Technical
Assurance Board,
0935-1005

1005-1025 - COFFEE BREAK

1025-1055

**Nosewheel Steering Systems Can Bite You
– Lessons Learnt on Recent Combat Aircraft
Programmes.**

Terry D Smith, BAE Systems

1055-1125

**Flight testing agile high performance Air-to-
Air Missiles**

Sqn Ldr 'Nat' Makepeace – F-16/A-10 Test pilot
40th Flight Test Squadron
Maj "Shooter" Kirk – 46 Operations Group Flight
Test Engineer

1125-1145

A New Spin on Flight Test Safety

Pat Daily

1200-1300 - LUNCH

1300-1600 Session V

Thomas Roberts, Naval Test Wing
Session Chair

1300-1325

Data Base Update

Bart Henwood, NASA

1325-1340

"State of the Committee Address"

Mark Hussey

1340-1400 - COFFEE BREAK

1400-1600

Flight Test Safety Professional Forum

Tom Roberts, Patuxent River Naval Air Station

