

Abbreviated Symposium Agenda

June 16 - June 20



Monday, June 16

7:30 - 9:30	Registration, Continental Breakfast, Exhibit
9:30 - 9:40	Welcoming Remarks
9:40 - 11:30	Company Presentations
11:35 - 12:05	ICAO Overview
12:05 - 13:35	Lunch
13:35 - 15:05	Session 1 - Flight Inspection of VOR
15:35 - 17:05	Session 2 - Flight Inspection of RFI and Related Concepts
17:30 - 20:30	Reception with Exhibitors (Evening Event)

Tuesday, June 17

7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	18th IFIS Formal Opening
10:45 - 12:15	Session 3 - Flight Inspection of ILS
12:15 - 13:45	Lunch
13:45 - 14:45	Session 3 - Flight Inspection of ILS (Continued)
15:30 - 17:00	Session 4 - Flight Validation and Related Concepts
18:30 - 22:30	Cultural Dinner (Evening Event - Oklahoma City Farmers' Public Market) (Transportation provided)

Wednesday, June 18

7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	Session 5 - Flight Validation of ADS-B and Datalink
10:45 - 11:45	Session 6 - ICAO (IFPP Summary) and Enhanced Vision
11:45 - 12:30	Special Interest Session - Impact of Wind Turbines on Navigational Aids
12:30 - 16:00	Static Aircraft Display (Lunch Event - ARINC) (Transportation provided)

Thursday, June 19

7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	Session 7 - Flight Validation of SBAS & GBAS
10:45 - 11:45	Session 7 - Flight Validation of SBAS & GBAS (Continued)
11:45 - 13:15	Lunch
13:15 - 14:15	Session 8 - SBAS RFI and Related Concepts
15:00 - 17:00	Session 9 - Safety Concepts
18:30 - 22:30	Gala Dinner (Evening Event - Devon Energy Tower) (Transportation provided)

Friday, June 20

7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	Session 10 - Training and Certification Issues
10:45 - 11:45	Session 11 - Flight Inspection Standards
11:45 - 11:55	Preview of 19th IFIS - Serbia 2016
11:55 - 12:00	Closing Remarks

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Monday, June 16



7:00	Exhibit Hall Open
7:30 - 9:30	Registration, Continental Breakfast, Exhibit
9:30 - 9:40	Welcoming Remarks (Glenn Bissonnette, 18th IFIS Chairman, FAA)
9:40 - 10:00	Aerodata Commercial Presentation
10:00 - 10:30	Exhibit & Coffee Break
10:30 - 10:45	Norwegian Special Mission Commercial Presentation
10:45 - 11:00	SAGEM Commercial Presentation
11:00 - 11:15	Airfield Technology Commercial Presentation
11:15 - 11:30	NXT Commercial Presentation
11:35 - 12:05	ICAO (Erwin Lassoij, Air Traffic Management Section, Air Navigation Bureau)
12:05 - 13:35	Lunch
13:35 - 15:05	Session 1 - Flight Inspection of VOR (Session Chair: Larry Brady, Airfield Technology)
13:35 - 14:05	Measurement Effects On VORs - 9960Hz Modulation Depth & Roughness Assessment (Matthew Bruce, AeroPearl Pty. & Maik Ritter, Aerodata)
14:05 - 14:35	Evolution of Terrestrial Navigation Aids as Consequence of PBN Implementation (Gerhard Berz, Eurocontrol & Valeriu Vitan, Eurocontrol)
14:35 - 15:05	Recent Issues in Performance Prediction and Flight Inspection Measurements (Dr. Gerhard Greving, NAVCOM Consult, & L. Nelson Spohnheimer, Spohnheimer Consulting)
15:05 - 15:35	Exhibit & Coffee Break

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Monday, June 16



15:35 - 17:05

Session 2 - Flight Inspection of RFI and Related Concepts (Session Chair: Sigurd A. Bjelkarøy, NSM)

15:35 - 16:05

Investigation of VHF Omni-Range (VOR) Signal Interference
(**Todd Bigham, FAA**)

16:05 - 16:35

Aeronautical Interferences Detection, the Spanish Case
(**David García, Aena Internacional, Carlos Gimenez, Aena Internacional, Eduard Marin, Aena Internacional, & Sajeel Ahmed, Aena Internacional**)

16:35 - 17:05

Advanced Theory and Results of Classical System Simulations and Related Flight Inspection
(**Dr. Gerhard Greving, NAVCOM Consult, Wolf-Dieter Biermann, NAVCOM Consult, & Rolf Mundt, NAVCOM Consult**)

17:30 - 20:30

Reception with Exhibitors (Skirvin Hotel 2nd Floor Prefunction Space & Centennial Ballroom)

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Tuesday, June 17



7:00	Exhibit Hall Open
7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	18th IFIS Formal Opening
8:30 - 8:40	ICASC Chairman Address (Joseph Doubleday, Starport Aviation)
8:40 - 8:50	18th IFIS Signature Sponsor (Aerodata)
8:50 - 8:55	18th IFIS Co-host Program Sponsor (Dick Tanenbaum, Gardner Tanenbaum Holdings)
8:55 - 9:20	FAA Representative
9:20 - 10:00	Keynote (Dava Sobel, Award Winning Author of Longitude)
10:00 - 10:45	Exhibit & Coffee Break
10:45 - 12:15	Session 3 - Flight Inspection of ILS (Session Chair: Sileno Godicke, ENAV)
10:45 - 11:15	ILS Simulation for Flight Inspection (Bertrand Spitz, ENAC University)
11:15 - 11:45	An Emitting Reference Antenna Concept for Aircraft Antenna Calibration (Bjorn Neubauer, Braunschweig University, Dr. Robert Geise, Braunschweig University, Georg Zimmer, Braunschweig University, & Prof. Dr. Achim Enders, Braunschweig University)
11:45 - 12:15	New ILS Localizer Ultra-Wide Antenna System Reduces Traffic Restrictions (Alf Bakken, Indra Navia, & Hervé Demule, Skyguide)

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Tuesday, June 17



12:15 - 13:45	Lunch
13:45 - 14:45	Session 3 - Flight Inspection of ILS (Continued) (Session Chair: Sileno Godicke, ENAV)
13:45 - 14:15	The Algorithm to Accurately Obtain the Glide Path Reference Point (Aiming Point) Elevation in Flight Inspection (Ge Mao, CAAC & Xiaoqiang Li, Beijing Sky Aviation Co.)
14:15 - 14:45	Strategies for Accurate Field Strength Measurement (Andrew Graham, NAV CANADA)
14:45 - 15:30	Exhibit & Coffee Break
15:30 - 17:00	Session 4 - Flight Validation and Related Concepts (Session Chair: Frank Musmann, Aerodata)
15:30 - 16:00	Verification of Final Approach Segment Data Prior to SBAS Flight Inspection (Richard Montgomery, FAA)
16:00 - 16:30	Utilization of ARINC 424 Database in Performing Flight Inspection (Alex Kwartiroff, NXT, & Pat Allocca, NXT)
16:30 - 17:00	Flight Inspection of Helicopter Procedures in a Challenging Topographic Environment (Markus Schwendener, FCS, Dr. Maurizio Scaramuzza, Skyguide, & Heinz Leibundgut, Swiss Air-Rescue)
18:30 - 22:30	Cultural Dinner Offsite Reception (Oklahoma City Farmers' Public Market) (Transportation provided)

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Wednesday, June 18



7:00	Exhibit Hall Open
7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	Session 5 - Flight Validation of ADS-B and Datalink (Session Chair: Dr. Mike DiBenedetto, Ohio University)
8:30 - 9:00	ADS-B A New Mission for Flight Inspection (Thorsten Heinke, Aerodata)
9:00 - 9:30	What We Have Learned About ADS-B and How Do We Stay Under the RADAR (Mark Perraut, FAA)
9:30 - 10:00	Experiences with Inspection of FANS-1/A Data Link (Tom Pinnell, NSM)
10:00 - 10:45	Exhibit & Coffee Break
10:45 - 11:45	Session 6 - ICAO (IFPP Summary) and Enhanced Vision (Session Chair: Christo Van Stratten, South Africa CAA)
10:45 - 11:15	State Responsibility for Instrument Flight Procedures: ICAO IFPP's Challenges (Dr. Yoshinobu Nakanishi, ICAO)
11:15 - 11:45	Enhancement of Flight Inspection System Using Visual Information (Xiaofeng Shi, Beihang University, & Xiaoqiang Li, Beijing Sky Aviation Co.)
11:45 - 12:30	Special Interest Session - Impact of Wind Turbines on Navigational Aids (Session Chair: Dr. Mike DiBenedetto, Ohio University)
12:30 - 16:00	Static Aircraft Display Offsite (ARINC - Northeast side of Will Rogers Airport) (Lunch & Transportation Provided)
16:00 -	Free Evening for Attendees to Enjoy Oklahoma City (Dinner on Your Own)

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Thursday, June 19



7:00	Exhibit Hall Open
7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	Session 7 - Flight Validation of SBAS & GBAS (Session Chair: Dr. David Powell, Stanford University)
8:30 - 9:00	SBAS and its Roles in Flight Inspection (Frank Musmann, Aerodata)
9:00 - 9:30	A Flight Inspection Perspective on Satellite Based Augmentation System Performance Monitoring (Carl Rieger, FAA)
9:30 - 10:00	DME and GNSS L5/E5 Compatibility Prediction and Measured Data (Valeriu Vitan, Eurocontrol & Gerhard Berz, Eurocontrol)
10:00 - 10:45	Exhibit & Coffee Break
10:45 - 11:45	Session 7 - Flight Validation of SBAS & GBAS (Continued) (Session Chair: Dr. David Powell, Stanford University)
10:45 - 11:15	GBAS Calibration (Rolf Seide, Aerodata)
11:15 - 11:45	Experiences and Analysis with Flight Inspection of GBAS (Sigurd A. Bjelkarøy, NSM, & Erling Gronbeck NSM)
11:45 - 13:15	Lunch
13:15 - 14:15	Session 8 - SBAS RFI and Related Concepts (Session Chair: Herve Renouf, DSNA/DTI)
13:15 - 13:45	Mitigation of an RF Interference on GNSS signal observed during Flight Inspection (Vincent Rocchia, DSNA/DTI)
13:45 - 14:15	GNSS RFI Detection in Switzerland based on Helicopter Recording Random Flights (Dr. Maurizio Scaramuzza, Skyguide, Heinz Wipf, Skyguide, Dr. Marc Troller, Skyguide, Heinz Leibundgut, Swiss Air-Rescue, René Wittwer, Armasuisse, & Lt. Col. Sergio Rämi, Swiss Air Force)

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Thursday, June 19



14:15 - 15:00	Exhibit & Coffee Break
15:00 - 17:00	Session 9 - Safety Concepts (Session Chair: John Mundy, NAV CANADA)
15:00 - 15:30	Common Standards in Flight Inspection Operations – The Way Ahead to Improve Safety? (Thomas Wede, TransPolar GmbH)
15:30 - 16:00	Study on Crew Resource Management in Flight Inspection of Localizer (Song Xitong, CAAC)
16:00 - 16:30	Efficient and Traceable Configuration Management - The Flight Inspection Service Provider's Perspective (Matthew Bruce, AeroPearl Pty. & Christopher Dean, AeroPearl Pty.)
16:30 - 17:00	Proactive Flight Safety through Flight Operational Quality Assurance (FOQA) and Aviation Safety Action Program (ASAP) (Greg Marino, FAA)
18:30 - 22:30	Gala Dinner Offsite Reception (Devon Energy Tower) (Transportation Provided)

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated

Agenda for Friday, June 20



7:00	Exhibit Hall Open
7:30 - 8:30	Continental Breakfast, Exhibit
8:30 - 10:00	Session 10 - Training and Certification Issues (Session Chair: Thomas Wede, TransPolar GmbH)
8:30 - 9:00	Training of DSNA/DTI Flight Inspectors (Philippe Caisso, DSNA/DTI)
9:00 - 9:30	Developing an effective Training System for IFP Flight and Ground Validation of High-Performance PBN (Kazui Wakemi, JCAB & Yoshitaka Uno, JCAB)
9:30 - 10:00	Integrated CRM/TRM Concepts Applied to Flight Inspection and Validation Flight and Ground Activities (Fabrizio Maracich, ENAV, & Nicoletta Lombardo, ENAV)
10:00 - 10:45	Exhibit & Coffee Break
10:45 - 11:45	Session 11 - Flight Inspection Standards (Session Chair: Fabrizio Maracich, ENAV)
10:45 - 11:15	Recommended Qualification Requirements for Flight Inspection Service Providers (Herve Renouf, DSNA/DTI & Sigurd A. Bjelkarøy, NSM)
11:15 - 11:45	Comparison of International Flight Inspection Standards and Procedures (Larry Brady, Airfield Technology)
11:45 - 11:55	Preview of 19th IFIS - Serbia 2016 (Darko Rascanin, 19th IFIS Chairman, Serbia Montenegro Air Traffic Services (SMATSA))
11:55 - 12:00	Closing Remarks (Glenn Bissonnette, 18th IFIS Chairman, FAA)

Note: All symposium events are held in the Centennial and Grand Ballrooms on the 2nd floor of the Skirvin Hotel unless otherwise indicated