

AHS International
The Vertical Flight Technical Society
Marking 71 Years of Service to Vertical Flight

Transforming Vertical Flight Technology



Forum 71 May 5-7, 2015
Virginia Beach, VA

Registration Kit

www.vtol.org/forum

Current Forum 71 Sponsors





American Helicopter Society International, Inc.

The Vertical Flight Technical Society

2701 Prosperity Avenue, Suite 210, Fairfax, Virginia 22031 USA

Phone 1-703-684-6777; Toll Free: 1-855-AHS-INTL; Fax 1-703-739-9279

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Vertical Flight Foundation

John Garrison

January 29, 2015

Dear Colleague:

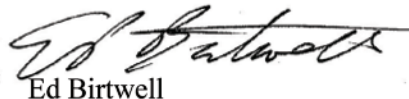
The rotorcraft industry is facing increasing challenges. The civil market is ever more competitive, and our government customers are facing intense budget pressures while still requiring the most capable rotorcraft in the world. New development efforts are underway to capitalize on breakthroughs in technology while meeting the affordability and productivity demands of our customers.

The American Helicopter Society (AHS) International is the forum where these challenges are discussed, debated and clarified. Our government and civilian contacts listen closely to the technical discussions within AHS to refine their plans on what vehicle and technologies best meet their missions both now and in the future.

The culmination of the AHS calendar is the Annual Forum and Technology Display, "The Biggest and Best Vertical Flight Technical Conference In The World." The 71st Annual Forum will be held in Virginia Beach, Virginia from May 5-7, 2015. In addition to more than 250 technical papers, several dozen presentations will be given by the leaders of the industry (including the undersigned) and Department of Defense. Total attendance is expected to be more than 1200, including about 10% US Government and a similar number of students, who are the future of our industry. All of the major AHS member companies will be showcasing their latest capabilities and advancements in vertical flight at the Forum as part of the Technology Display. AHS would ask that you consider sending your engineers and managers to the conference, as well as exhibiting at the event. Details are available at www.vtol.org/forum.

Please consider joining AHS and supporting the Annual Forum and Technology Display. We hope to see you in Virginia Beach!

Very Sincerely,



Ed Birtwell
Chair, AHS International



Mick Maurer
President, AHS International



Leanne G. Caret
Secretary-Treasurer, AHS International



John Garrison
Chair, AHS Vertical Flight Foundation

FORUM 71 Sponsors

AHS gratefully thanks the following companies for their generous support of the AHS 71st Annual Forum and Technology Display.

Automated Dynamics
Technical Session Refreshment Break

Bell Helicopter Textron
Exhibit Hall Luncheons

Boeing Company
Vertical Flight Foundation Reception
& The Grand Awards Banquet

CD-adapco
Technical Session Refreshment Break

Bell Helicopter Textron
Exhibit Hall Luncheons

Boeing Company
Vertical Flight Foundation Reception
& The Grand Awards Banquet

GE Aerospace
General Session Refreshment Break

Karem Aircraft, Inc.
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PIC Wire & Cable
Forum 71 Proceedings CD

Sikorsky Aircraft
Exhibitor/Industry Reception

Learn how to become a Forum 71 Sponsor at www.vtol.org/forum



Schedule of Events

All events will take place at the Virginia Beach Convention Center

Visit www.vtol.org/forum-program for latest updates.

Sunday, May 3, 2015

Exhibitor Move-In (Exhibitors Only)	9:00 a.m. – 5:00 p.m.
Exhibitor Registration Open Lobby	9:00 a.m. – 5:00 p.m.
Attendee Registration Open Lobby	2:00 p.m. – 5:00 p.m.

Monday, May 4, 2015

Show Office	6:00 a.m. – 5:00 p.m.
Student Volunteer Office	6:00 a.m. – 5:00 p.m.
Registration Open (Exhibitors and Registrants) Lobby	7:00 a.m. – 5:00 p.m.
Speaker Ready Room	7:00 a.m. – 5:00 p.m.
Exhibitor Move-In Exhibit Halls A & B (Exhibitors Only)	8:00 a.m. – 5:30 p.m.
AHS Technical Council Meeting	8:00 a.m. – 12 noon
NASA Langley / Ft. Eustis Tour (Details TBD but reservations will be required)	8:00 a.m. – 3:45 p.m.
Short Course on Rotorcraft Flight Dynamics Model Identification and Flight Control Design using CIPHER® and CONDUIT® Presented by Dr. Mark B. Tischler	9:00 a.m. – 4:00 p.m.
Short Course on Aerodynamics of Helicopter Accidents Presented by John (Jack) Cress	9:00 a.m. – 4:00 p.m.

Journal Editor's Meeting	12 noon – 1:30 p.m.
Session Chair Meeting	1:30 p.m. – 2:30 p.m.
Student Volunteer Meeting	2:30 p.m. – 4:00 p.m.
3rd Annual Micro Air Vehicle (MAV) Student Challenge Organized by Charles Shepard, Mosaic Aerospace, Chair of the MAV Competition	4:00 p.m. – 6:00 p.m.

Tuesday, May 5, 2015

Show Office	6:00 a.m. – 5:00 p.m.
Student Volunteer Office	6:00 a.m. – 5:00 p.m.
Registration Open (Exhibitors and Registrants) Lobby	7:00 a.m. – 5:00 p.m.
Speaker Ready Room	7:00 a.m. – 5:00 p.m.
Special Session US Navy/Marine Corps Aviation Program Manager Briefings Moderated by Rear Admiral Cindy "CJ" Jaynes, Navy PEO for Air ASW, Assault & Special Mission Programs	8:00 a.m. – 12 noon
Technical Session A Aerodynamics I Aircraft Design I Crash Safety I Dynamics I Handling Qualities I Structures & Materials I Unmanned VTOL Aircraft & Rotorcraft Wind Energy	8:00 a.m. – 12 noon
AHS Board of Directors Meeting	9:00 a.m. – 12 noon
Technical Session A Refreshment Break	9:30 a.m. – 10:00 a.m.



Tuesday, May 5, 2015 (Cont.)

Exhibit Hall Open 11:00 a.m. – 7:00 p.m.
Exhibit Hall Luncheon 12 noon – 1:30 p.m.
Sponsored by Bell Helicopter

Opening General Session 1:30 p.m. – 3:30 p.m.

Welcome

Mike Hirschberg, AHS International Executive Director

Keynote Address

Mr. Earl Wyatt, Deputy Assistant Secretary of Defense for Emerging Capability & Prototyping

Straight Talk from the Top:

"Transforming Vertical Flight Technology" Panel (Invited)

Daniele Romiti, CEO – AgustaWestland

Guillaume Faury, CEO – Airbus Helicopters

John Garrison, CEO – Bell Helicopter Textron

Leanne Caret, CFO/VP – Boeing Defense, Space & Security

Mick Maurer, President – Sikorsky Aircraft Corporation

Refreshment Break 3:30 p.m. – 4:00 p.m.
Sponsored by GE Aviation

Alexander A. Nikolsky

Honorary Lectureship

4:00 p.m. – 5:00 p.m.
"Revitalizing Research for the Next Generation of Advanced Rotorcraft"

Dr. Robert A. Ormiston, US Army Emeritus Scientist

Exhibitor/Industry Reception

5:00 p.m. – 7:00 p.m.

Sponsored by Sikorsky Aircraft Corp.

Wednesday, May 6, 2015

Show Office 6:00 a.m. – 5:00 p.m.

Student Volunteer Office 6:00 a.m. – 5:00 p.m.

Registration Open 7:00 a.m. – 5:30 p.m.
(Exhibitors and Registrants)
Lobby

Speaker Ready Room 7:00 a.m. – 5:00 p.m.

Special Session: 8:00 a.m. – 12 noon
US Army Aviation Program Manager Briefings
Moderated by Brigadier General Robert Marion, U.S. Army PEO for Aviation

Technical Session B 8:00 a.m. – 12:15 p.m.

Advanced Vertical Flight I
Aerodynamics II
Aircraft Design II
Handling Qualities II
HUMS/CBM I
Modeling & Simulation I
Propulsion I
Test & Evaluation I



Technical Session B Coffee Break 9:30 a.m. – 10:15 a.m.
Exhibit Hall A & B

Exhibit Hall Open 9:00 a.m. – 5:00 p.m.

Exhibit Hall Luncheon 12:15 p.m. – 1:45 p.m.
Sponsored by Bell Helicopter

Special Session: 1:45 p.m. – 6:00 p.m.
Suppliers & Subsystems Technology Panel

Technical Session C 1:45 p.m. – 6:30 p.m.

Aerodynamics III
Crash Safety II (1/2)/Awards (1/2)
Dynamics II
HUMS/CBM II
Modeling & Simulation II
Operations I
Product Support
Structures & Materials II



Technical Session C Refreshment Break 3:15 p.m. – 4:00 p.m.
Exhibit Hall A & B

Award Recipient Orientation 3:00 p.m. – 4:00 p.m.
(By Invitation Only)

Vertical Flight Foundation Cocktail Reception

6:00 p.m. – 7:00 p.m.

Sponsored by The Boeing Company

Grand Awards Banquet

7:00 p.m. – 9:30 p.m.

Sponsored by The Boeing Company

Thursday, May 7, 2015

Show Office 6:00 a.m. – 5:00 p.m.

Student Volunteer Office 6:00 a.m. – 5:00 p.m.

Speaker Ready Room 7:00 a.m. – 5:00 p.m.

Registration Open 7:30 a.m. – 1:00 p.m.
Lobby

**Tech Committee Chair/Session Chair
Meeting** 7:30 a.m. – 9:00 a.m.

Special Session: 8:00 a.m. – 12:15 p.m.
Future VTOL Demonstrations

Technical Session D 8:00 a.m. – 12:15 p.m.

Acoustics
Aerodynamics IV
Crew Stations & Human Factors
History
Modeling & Simulation III (1/2)/Systems Engineering (1/2)
Operations II
Propulsion II
Test & Evaluation II

Technical Session D Refreshment Break 9:30 a.m. – 10:15 a.m.
Exhibit Hall A & B

Thursday, May 7, 2015 (Cont.)

Exhibit Hall Open

9:00 a.m. – 12:00 noon

Special Session:
Vertical Lift Consortium

1:30 p.m. – 3:30 p.m.

Technical Session E

1:30 p.m. – 6:00 p.m.

Advanced Vertical Flight II (Advanced Transformative Concepts)
CFD/CSD/Icing
Avionics & Systems
Manufacturing Technology & Processing
Propulsion III (1/2)/Unmanned VTOL Aircraft & Rotorcraft II (1/2)
Structures & Materials III
Test & Evaluation III
Safety Special Session

Technical Session E Refreshment Break

3:30 p.m. – 4:00 p.m.



General Information

Registration Information

All Forum 71 attendees must register to receive a badge. Badges must be visibly displayed to gain admittance to both the Exhibit Hall and the technical sessions. FULL THREE-DAY REGISTRATION includes:

- Admittance to all sessions and coffee breaks
- Entry to the Exhibit Hall during scheduled hours
- Tickets to Luncheons, the Exhibitor/Industry Reception, Vertical Flight Foundation Reception and Grand Awards Banquet
- Forum 71 Proceedings CD-ROM

Registration Hours

Sunday, May 3, 2015	2:00 p.m. – 5:00 p.m.
Monday, May 4, 2015	7:00 a.m. – 5:00 p.m.
Tuesday, May 5, 2015	7:00 a.m. – 5:00 p.m.
Wednesday, May 6, 2015	7:00 a.m. – 5:30 p.m.
Thursday, May 7, 2015	7:00 a.m. – 1:00 p.m.

Forum 71 Proceedings

Proceedings will be available in two formats – printed or the CD-ROM version – and contain all papers presented at the technical sessions. Printed Proceedings will not be available until after the Forum.

Registration Fees

(member / non-member)

	Three Days (by April 2)	Three Days (after 2)	Two Days	One Day
Regular Attendee	\$790 / \$895	\$860 / \$965	\$665 / \$770	\$485 / \$590
Speaker or Gov't Employee	\$725 / \$830	\$785 / \$890	\$610 / \$715	\$365 / \$470
Full-Time Student / Fully Retired / Uniformed Military	\$285 / \$335	\$340 / \$390	\$245 / \$295	\$170 / \$220
Accompanying Spouse	\$200	\$225	\$150	\$100

All attendees registering at the non-member rate will be given a complimentary 1-year membership in AHS International.

What registration includes:

- Admittance to all technical and special sessions and entry to the Exhibit Hall during scheduled hours
- Tickets to luncheon(s) and access to all refreshment breaks
- Tickets to the Vertical Flight Foundation Reception and the Grand Awards Banquet (3 Day Registrants Only! \$89 for all other attendees.)
- Forum 71 Proceedings CD-ROM (3 Day Registrants Only! \$205 for all other attendees.)
- Discounted attendance at the Short Courses

How to register:

- If you are an AHS member, go to **www.vtol.org/my-AHS**. Log in and click the link for Forum 71 Online registration under "Register online for upcoming meetings and events!" As a way of saying thanks to our loyal members, and to help celebrate 70+ years of being the world's premier professional vertical flight technical society, we're offering special registration discounts at this year's Forum. Log in to My AHS to get your individual coupon code and a 5% discount for every 5 years of membership. Been a member for 20 years? You'll get 20% off! The discount applies only to online registration.
- If you are not an AHS member, you may register online by visiting our membership portal **https://ahs.portal.daxko.com**. Select the link for "Forum 71" under "Register for Featured Events." If you have previously registered on this website, log in with your existing Login ID and Password. Those who register at the non-member rate receive a complimentary 1-year membership in AHS.
- You can also download the printable registration form at **www.vtol.org/forum** and fax it to AHS at +1-703-739-9279, ATTN: Betty Chen or email it to Betty at **bchen@vtol.org**.
- Should you have any questions about registration, please contact **Betty Chen** (+1-703-684-6777 x100 or **bchen@vtol.org**).
- Exhibitors have a separate registration site. If you have already applied for exhibit space and wish to register booth personnel, the link for this site will be sent to your booth's point of contact. For further information, please contact **Vernon Hemphill** (+1-703-684- 6777 x 107). Speakers may not register as exhibitors.

The CD-ROM is complimentary for all Full Three-Day Registrants! Other registrants may purchase it onsite at the reduced rate of \$205.00. Non-member price is \$320.00 and Member price is \$255.00 after the event.

Publication Bins

Publication bins will be located in the registration area stocked with the May/June 2015 issue of *Vertiflite* and industry relevant periodicals and literature.

Speaker Ready Room

Speakers may organize and review their presentations in the Speaker Ready Room. Hours are from 7:00 a.m. – 5:00 p.m. on Monday, Tuesday, and Wednesday and from 7:00 a.m. – 3:00 p.m. on Thursday.

AHS Novelty Desk

AHS publications, shirts, hats, mugs, key chains, golf balls and other new novelty items will be available for purchase at the Novelty Desk located in the AHS Registration area.

Technology Display

Be sure to allocate ample time to visit the Forum 71 Technology Display in the Exhibit Hall. Scores of companies and organizations will be presenting the latest developments in vertical flight technology and showing the advancements in airframe, propulsion, avionics, systems integration, simulation technology and much more.

To maximize the opportunity to view exhibits, the Exhibit Hall Technical Briefings and social events such as lunches on Tuesday and Wednesday and the Exhibitor/Industry Reception are held in the Exhibit Hall. The technology display is open to registrants. AHS reserves the right to make modest changes to the Exhibit Hall hours without advance notification to exhibitors or registrants.

Exhibit Hall Hours and Events

Tuesday, May 5, 2015

Exhibit Hall Open	11:00 a.m. – 7:00 p.m.
Exhibit Hall Luncheon	12 noon – 1:30 p.m.
Exhibitor/Industry Reception	5:00 p.m. – 7:00 p.m.

Wednesday, May 6, 2015

Exhibit Hall Open	9:00 a.m. – 5:00 p.m.
Refreshment Break	9:30 a.m. – 10:15 a.m.
Exhibit Hall Luncheon	12:15 p.m. – 1:45 p.m.
Refreshment Break	3:15 p.m. – 4:00 p.m.

Thursday, May 7, 2015

Exhibit Hall Open	9:00 a.m. – 12:00 noon
Refreshment Break	9:30 a.m. – 10:15 a.m.

Exhibit Hall Technical Briefings

Industry technical briefings from exhibiting companies will be held at the company's booth in the Exhibit Hall. Some briefings will also be conducted in meeting rooms. These briefings will provide attendees with a more comprehensive overview of the company's capabilities and services. Exhibitors are invited to contact AHS International to arrange briefings and have the announcement published in the AHS International Forum 71 Final Program. This is a genuine value-added benefit offered to exhibiting companies and attendees.

Exhibitor/Industry Reception

Tuesday, May 5, 2015

5:00 p.m. – 7:00 p.m.

All exhibitors and Forum 71 attendees registered for Tuesday will automatically receive tickets to this event.

Vertical Flight Foundation (VFF) Reception and Grand Awards Banquet

Wednesday, May 6, 2015

The VFF Reception will be held 6:00 p.m. – 7:00 p.m. and the Grand Awards Banquet 7:00 p.m. – 9:30 p.m. Distinguished guests from government agencies and military branches, as well as the international vertical flight industry, will be among the attendees. This exciting event will honor distinguished award recipients for their achievements. Attendees will enjoy an excellent dinner and entertainment. Full registration includes a ticket to this event; all others must purchase tickets in advance. The event is business attire and military uniforms.

Exhibit Hall Luncheons

Tuesday, May 5, 2015

12 noon – 1:30 p.m.

Wednesday, May 6, 2015

12:15 p.m. – 1:45 p.m.

Hotel Reservations

To receive a discounted Forum 71 room rate, you must confirm reservations with one of the official hotels by **April 2, 2015**. After April 2, 2015, Forum 71 room reservations will be confirmed on a space-available basis at the prevailing room rate. All reservations must be accompanied by one night's deposit plus tax and may be paid with a personal check, money order or major credit card. All deposits for individual room reservations are fully refundable if a room is cancelled within the stated cancellation period. Please be sure to note the cancellation policy before you book a reservation.

Please use the AHS hotel web page to make your reservations:
www.vtol.org/forum-hotels.



Hilton Virginia Beach Oceanfront

Forum 71 Headquarters Hotel
3001 Atlantic Avenue
Virginia Beach, Virginia 23451
\$164 single/double

*Limited rooms available at the U.S. Government per diem rate

This spectacular 21-story oceanfront hotel is recognized as one of the premier Virginia Beach hotels and offers the most luxurious accommodations along with superior first-class service. As a guest, you will be greeted by a higher level of personal service, luxurious amenities and exceptional dining venues. Superior guestrooms are available with king beds or two double beds. Featured amenities

include a 32-inch flat-screen color television with premium cable channels, on-demand movies, high-speed internet access, two telephones with voicemail capabilities, and work desks with ergonomic chairs. In-room coffeemakers, hairdryers, irons and ironing boards, and newspaper delivery offer the comforts of home. Topping the menu of extraordinary guest amenities, the rooftop bar and infinity pool boasts unrivaled views of the oceanfront, while the indoor family pool is ideal for both parents and children alike. A business and fitness center, room service and several exceptional dining options are also available.

Sheraton Oceanfront

3501 Atlantic Avenue
Virginia Beach, Virginia 23451
\$154 single/double

*Limited rooms available at the U.S. Government per diem rate

Located on the beautiful Virginia Beach oceanfront, the Sheraton Oceanfront Hotel surrounds you with an atmosphere as beautiful as it is comfortable. Listen to the crashing waves from its 214 beautifully decorated rooms. All guest rooms are elegantly appointed and designed to meet your every need and include sweet sleeper beds, private balcony, work desk, flat screen television, microwave, refrigerator, and high speed internet service. Enjoy a refreshing swim in the indoor and outdoor pools. Have a workout in the fitness facility or take a jog down the oceanfront boardwalk, just steps away. End your day at Fusion Lounge and Restaurant, a contemporary casual restaurant featuring oceanfront dining, with regional American cuisine.

Courtyard by Marriott Oceanfront North

3737 Atlantic Avenue
Virginia Beach, Virginia 23451
\$144 single/double

*Limited rooms available at the U.S. Government per diem rate

From the moment you enter the hotel you will enjoy an oceanfront lobby with a spectacular view of the beaches and boardwalk. This Courtyard by Marriott offers a full-service restaurant, room service and a tropical-styled swimming pool that features beautiful rock waterfalls. A fitness center with indoor pool is also available. Spacious guest rooms include an oceanfront view with balcony, two phone lines, data-ports and voice mail. In addition, all rooms include a mini refrigerator, microwave oven, full-size iron and ironing board, hair dryer, coffee maker, work desk, cable/satellite TV and high speed internet access.

DoubleTree Hotel

Located next to the Virginia Beach Convention Center
1900 Pavilion Drive
Virginia Beach, Virginia 23451
\$139 single/double

*Limited rooms available at the U.S. Government per diem rate

Freshly renovated and located next to the Virginia Beach Convention Center, perfect for guests that require close proximity to their meetings or exhibits. Enjoy the convenience of King or Double/Double guestroom accommodations. All rooms have high speed internet, flat screen HD Televisions with expanded cable and HBO. Home comforts such as an ironing board, coffee maker, hairdryer, MP3 clock radio, and two telephones are also provided. A full array of leisure amenities are available including a fitness room, indoor pool, walking track and sun deck. Gather with friends or colleagues at Max & Erma's, a franchise restaurant famous for its burgers, salads, and steaks. In room dining service is available for

breakfast, lunch and dinner. Abundant complimentary parking is available.

Complementary Shuttle Service

AHS is providing hotel shuttle service between official hotels and the Virginia Beach Convention Center during scheduled hours. For the Forum 71 Hotel shuttle schedule, see the web page.

Airline Discounts

(for passengers originating in the U.S. and Canada)

United Airlines

Destination: Norfolk, VA (ORF)

Available: 4/29/15 to 5/11/15

AHS is pleased to offer special United Airlines discount fares for Forum 71. You may book online at **www.united.com** and enter the offer code ZTAQ992273 in the Offer Code box when searching for your flights.

If booking through a travel professional or United Meetings at 800-426-1122, please give them the following information:
Agreement Code: 992273; Z Code: ZTAQ.

For all tickets issued by telephone through the United Meetings Reservation Desk, there will be a \$25 per ticket service fee collected. This fee is subject to change without notice. Such service fee is nonrefundable and applies to all itineraries, one-way or round-trip.

Outside of the United States, please call your local United Airlines Reservation Office.

Delta Airlines

Destination: Norfolk, VA (ORF)

Available: 4/28/15 to 5/11/15

AHS is pleased to offer special Delta Airlines discount fares for Forum 71. You may book online at **www.delta.com** and enter the event meeting code NMK48 in the Meeting Event Code box when searching for your flights.

Reservations may also be made by calling our Delta Meeting reservations at 800-328-1111 Mon-Fri 7am-7pm CDT. Please note that there is a direct ticketing fee when booking a ticket by telephone.



Forum 71 Exhibits

The Forum 71 Technology Display plays an essential role in advancing vertical flight technology by bringing together the industry's most creative minds and visionaries with the world's leading aerospace manufacturers and suppliers. Your company can be part of this dynamic technology showcase by joining AHS as a Forum 71 exhibitor. For more information, please contact David Renzi at AHS Headquarters (see below).

Exhibit Package Includes:

- Quality backdrop draping and divider rails
- Booth identification sign
- Company listing in the Forum 71 Final Program
- Complimentary guest passes for distribution to your customers
- 24-hour security in the Exhibit Hall
- One Forum 71 "FULL" registration package for each 10' X 10' space purchased (Limited to a maximum of five badges). Provides access to technical sessions, Exhibit Hall lunches and receptions, AHS Vertical Flight Foundation Reception and the Grand Awards Banquet.
- Two exhibitor badges for each 10' X 10' unit of display space (not to exceed a maximum of ten badges). This badge provides access to the Exhibit Hall during scheduled hours and includes exhibitor lunches and receptions.



* The Society requests that full registration badges be issued only to personnel manning exhibit booths and not to AHS Forum speakers.

Showcasing the Most Advanced Vertical Flight Technology:

Airframes • Avionics and Sensors • Design Capabilities • Display Systems • Electro-optics • Engine/Propulsion • Fabricators • Fuel and Utility Systems • Health and Usage Monitoring Systems • Mission Support • Research and Development • Safety Systems • Simulation and Training • UAVs

Exhibitor Rates

AHS Corporate Member	\$2,700 for each 10' X 10' Unit
Non-Corporate Member	\$2,800 for each 10' X 10' Unit
Educational Member	\$2,000 for each 10' X 10' Unit

For exhibit information contact:

AHS International
The Vertical Flight Technical Society
2701 Prosperity Ave., Suite 210
Fairfax, VA 22031 USA
Phone: 1-703-684-6777
Toll Free: 1-855-AHS-INTL
Fax: 1-703-739-9279
Email: AHSExhibits@vtol.org
Web Site: www.vtol.org

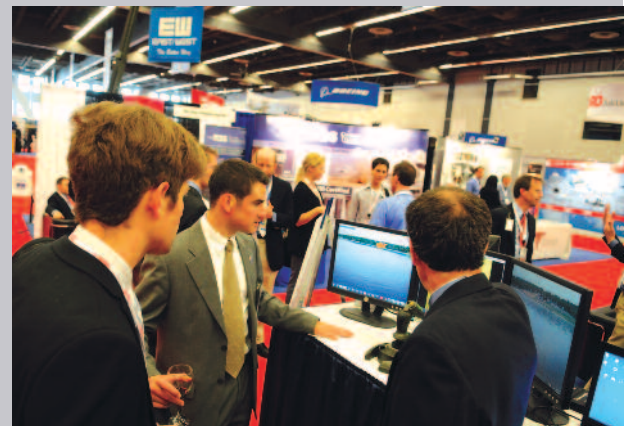


Gain Access to a Key Research and Development Community

Located in the military community of Hampton Roads, Virginia, Forum 71 will play host to many of the industry's most distinguished aviation organizations specializing in research and development, flight testing, aviation safety and modeling/simulation. Home to Joint Base Langley-Eustis and more than 100,000 active duty military personnel serving all branches of the US Armed Forces, Hampton Roads, Virginia will serve as an ideal backdrop for Forum 71.

Key VTOL Operations located in or near Hampton Roads, Virginia

- **Aviation Applied Technology Directorate**
- **NASA Langley Research Center**
- **Naval Air Systems Command**
- **Naval Safety Center**
- **U.S. Coast Guard Air Station - Elizabeth City, NC**

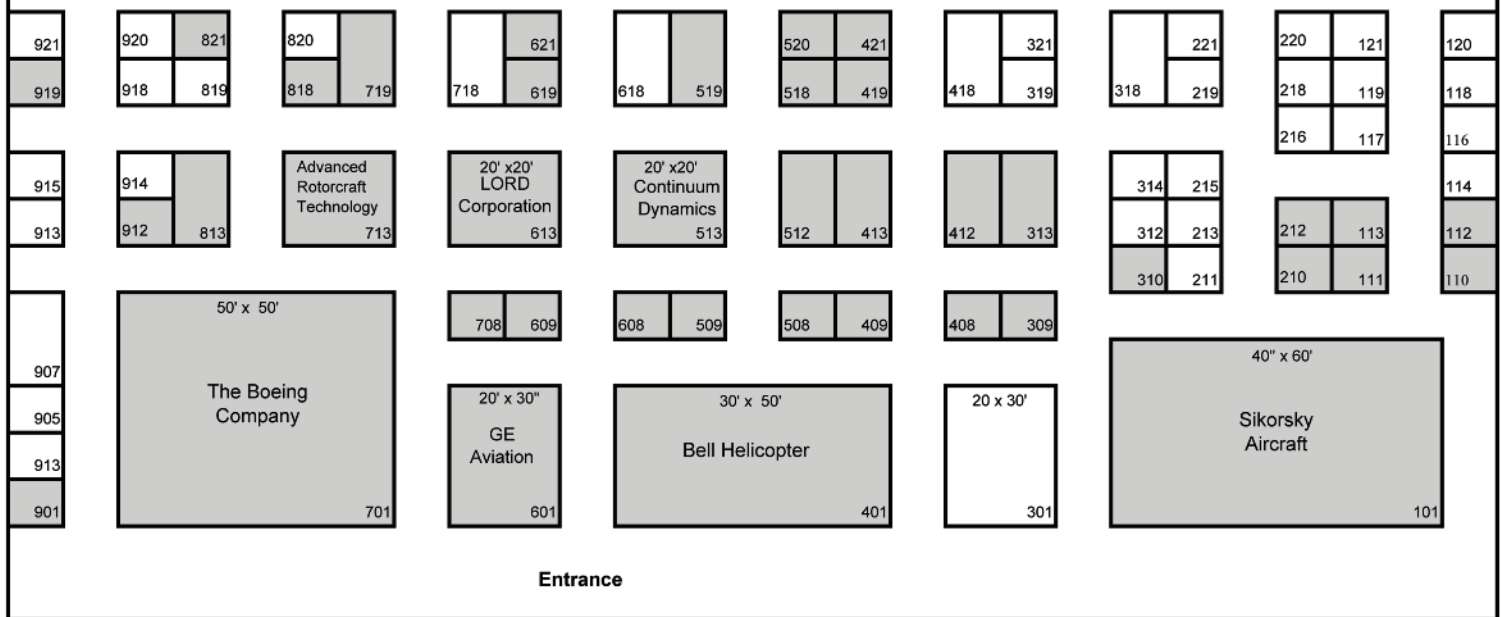


AHS FORUM 71 Exhibitors - as of 1/28/2015

AHS FORUM 71
May 5-7, 2015
Virginia Beach Convention Center
Exhibit Hall A & B
as of 2/6/15



Lunch Area



Exhibitor	Booth #	Exhibitor	Booth #
Advanced Rotorcraft Technology.....	713	GasTops Ltd.....	621
Advanced Torque Products LLC.....	409	GE Aviation.....	601
Advanced Turbine Engine Company (ATEC)	519	Georgia Institute of Technology, Aerospace Engineering	212
Aerotim Engineering, LLC.	421	Hutchinson Aerospace.....	413
Alcoa Fastening Systems.....	210	ITT Enidine	419
Altair	113	Kamatics RWG.....	309
American Institute of Aeronautics and Astronautics (AIAA).....	708	L-3 Communications	518
Automated Dynamics	901	LORD Corporation	613
BAE Systems	313	National Research Council Canda	508
Bell Helicopter.....	401	Penn State University	512
Boeing Company	701	PIC Wire & Cable.....	520
CD-Adapco.....	609	QuesTek Innovations LLC.....	818
Continuum Dynamics	618	REM Surface Engineering	608
Daniels Manufacturing Corp.....	821	Rotor & Wing Magazine.....	919
DIAB Americas	619	Sikorsky Aircraft	101
Eagle Technologies, LLC.....	408	Triumph Aerospace and Engine Control Systems	912
East/West Industries	412	University of Maryland.....	719
Fatigue Technology Inc.....	110	UTC Aerospace Systems	813
FCI Aerospace	111	West Coast Industries.....	509
FLIR Surveillance Inc.	310		



Forum 71 May 5-7, 2015
Virginia Beach, VA

APPLICATION AND CONTRACT FOR EXHIBIT SPACE

FORUM 71

AHS International 71st Annual Forum and Technology Display
Virginia Beach Convention Center ♦ Virginia Beach, Virginia
May 5-7, 2015



Contact Information

Exhibiting Company: _____
 Contact: _____ Title: _____
 Address: _____
 City: _____ State: _____ Zip: _____ Country: _____
 Telephone: _____ Fax: _____
 Email: _____ Website: _____

Exhibit Space Information

Booth Size: _____ (Minimum – 10' x 10')
 Booth Preference: 1st Choice _____ 2nd Choice _____ 3rd Choice _____
Early Bird Exhibit Rates (On or Before November 30, 2014) Regular Exhibit Rates (After November 30, 2014)

AHS Corporate Member	\$2,600 per 10'x10' Unit	AHS Corporate Member	\$2,700 per 10'x10' Unit
Non-Corporate Member	\$2,700 per 10'x10' Unit	Non-Corporate Member	\$2,800 per 10'x10' Unit
Education Member	\$1,900 per 10'x10' Unit	Education Member	\$2,000 per 10'x10' Unit

List Companies you do not wish to be near: _____
 List Companies you wish to be near: _____

Payment Information

- ♦ Early Bird Payment due November 30, 2014
- ♦ Regular Rate due December 31, 2014

Make Checks Payable to:
AHS International

Cancellation Penalties

- ♦ 15% of total space cost through December 31, 2014
- ♦ 100% of total space cost after December 31, 2014

Mail Payments to: AHS International

2701 Prosperity Avenue, Suite 210 ♦ Fairfax, VA 22031
 Tel: 703-684-6777 ♦ Fax: 703-739-9279 ♦ Email: AHSExhibits@vtol.org

Credit Card Payment: ☐ Visa ☐ MasterCard ☐ American Express

Card Number: _____ Amount: \$ _____
 Expiration Date: _____ Name on Card: _____ CVV Code _____
 Card Signature: _____

This application shall become a contract only upon acceptance by AHS. If accepted, the undersigned agrees to abide with terms and conditions described in the Forum 71 Exhibitor Prospectus, Exposition Rules and Registration Manual. This writing embodies the complete agreement between the undersigned and AHS, unless modified by written consent of both parties.

Exhibitor Signature: _____ Date: _____
 AHS Signature: _____ Booth: _____ Size: _____ Date: _____



FORUM 71 EXPOSITION RULES

1. SPACE RESERVATION

FORUM 71 exhibit space will be allocated on a first-come, first-served basis. Space requests will be accepted via mail, facsimile, and onsite at Forum 70. AHS International will make every effort to locate exhibits in accordance with exhibitor's space preferences. AHS International reserves the right to assign exhibit space subject to such parameters as booth space size, design and relationship to similar exhibits. AHS International retains the exclusive right to revise the exhibition hall floor plan and/or move assigned exhibitors as necessary.

2. SUBLEASING OF SPACE

Exhibitor may not sublet exhibit space, nor any part thereof, nor exhibit, offer for sale, or advertise articles not manufactured or sold by the exhibiting company, except where such articles are necessary for proper demonstration or operation of the exhibitor's display.

3. EXHIBIT SPACE PAYMENT

A signed exhibit application and contract with payment must be received on or before **November 30, 2014** to qualify for the "Early Bird Exhibit Rate." A signed exhibit application and contract with payment received after **December 1, 2014** will qualify for the Regular Exhibit Rate." Unpaid exhibit space may be released on **January 1, 2015** and made available for resale.

4. CANCELLATION BY EXHIBITOR

Exhibitors may reduce or cancel exhibit space by submitting written notice to AHS no later than **December 31, 2014**. If an exhibitor cancels exhibit space, AHS will charge an administrative fee of fifteen percent (15%) of the total display space cost up until **December 31, 2014**. No refunds will be made by AHS if the written cancellation notice is received at AHS Headquarters after **December 31, 2014**. All exhibit applications become a binding contract upon acceptance by AHS, including applications received without payment. An exhibitor is obligated to pay the fifteen percent (15%) administrative fee if exhibit space is canceled before **December 31, 2014**. After **December 31, 2014** the exhibiting company is obligated to pay a 100% administration fee and payment is due within 30 days from receipt of a cancellation invoice or five (5) business days prior to move-in of the show or which ever is soonest. In addition to paying an unpaid exhibit space fee, an exhibitor will be responsible for paying all collection fees associated with its unpaid exhibit space.

5. OCCUPANCY DEFAULT

Any exhibitor failing to occupy exhibit space shall not be relieved of the obligation of paying the full rental charge of such space. If not occupied by the time set for completion of the installation of the displays, such space shall be taken by AHS International, and re-located or reassigned for such purposes or use as AHS International may see fit.

6. CERTIFICATE OF INSURANCE

Upon signing the Exhibit Space Application and Contract, the exhibiting firm is asked to provide the AHS with a certificate of insurance or an affidavit that it carries \$500,000 in liability insurance applicable to its exhibiting at the AHS 71st Annual Forum and Technology Display by **March 31, 2015**

7. AGREEMENT TO RULES

An Exhibit Space Application and Contract signed by both the AHS and exhibitor representative, constitutes the complete agreement for the right to use the allocated space. AHS is not liable for resultant expenses or loss of revenue in the event that fire, flood, earthquake, strike, labor disorders, or other circumstances beyond the control of AHS prevent the use of the exhibitors' space inside the exhibit hall. The exhibitor, by accepting the allocated space, agrees to the terms and conditions and exhibit hall hours contained in this Exhibitor Prospectus, Forum regulations and subsequent bulletins. Any violation of AHS terms and conditions shall constitute a breach of this contract. AHS's remedy to any breach includes, but is not limited to, termination of any and all rights to the exhibit space assigned by AHS and the forfeiture of any fees paid.



AHS International Staff Members and Volunteers

The following AHS staff members and industry volunteers are available to assist you:

Forum 71 Programs and Special Sessions:

Mike Hirschberg, Executive Director

Technical Sessions:

Kay Brackins, Deputy Director

Exhibits & Sponsorships:

David M. Renzi, Director of Meetings & Advertising

Audio Visual Oversight:

Dr. Cliff Smith and **Dr. Anita Tracy**

Onsite Registration:

Randy Johnson, Director of Information Resources
(Onsite Registrar);

and **Vernon Hemphill**, Director of Membership (Exhibitor
Registration, Corporate Membership Contact, Awards POC)

AHS Novelty Desk:

Betty Chen, Director of Administration (Pre-Forum Registrar,
Novelty Sales, Proceedings, Speaker Briefing Drop-Off)

AHS International offers its sincere thanks to the Forum 71 Chairs:

Mme. Blanche Demaret, ONERA, AHS Forum 71 Technical
Chair

Dr. Glen Whitehouse, Continuum Dynamics, Inc., AHS Forum
71 Deputy Technical Chair

Prof. Charles Tinney, The University of Texas at Austin,
Acoustics Forum Session Chair

Mr. Michael Strauss, Sikorsky Aircraft Corporation, Advanced
Vertical Flight Forum Session Chair

Dr. Hao Kang, Army Research Lab, Advanced Vertical Flight
Forum Session Deputy Chair

Mr. Edward Reed, Sikorsky Aircraft Corporation,
Aerodynamics Forum Session Chair

Mr. Philippe Beaumier, ONERA, Aerodynamics Forum Session
Deputy Chair

Dr. Richard Markiewicz, Defence Science and Technology
Laboratory (DSTL), Aircraft Design Forum Session Chair

Dr. Vengalattore Nagaraj, University of Maryland, Aircraft
Design Forum Session Deputy Chair

Dr. Walter Rawle, Ultra Electronic Flightline Systems, Avionics
and Systems Forum Session Chair

Mr. Andrew Augenstein, The Boeing Company, Avionics and
Systems Forum Session Deputy Chair

Mr. Bryan Pilati, U.S. Army Aviation Development Directorate,
Crash Safety Forum Session Chair

Dr. Cheng-Ho Tho, Bell Helicopter Textron, Inc., Crash Safety
Forum Session Deputy Chair

Mr. Jeffery Erwin, Bell Helicopter Textron, Inc., Crew Stations
Forum Session Chair

Ms. J. Kristin Little, The Boeing Company, Crew Stations
Forum Session Deputy Chair

Dr. Jinsong Bao, Sikorsky Aircraft Corporation, Dynamics
Forum Session Chair

Dr. Friedrich Straub, The Boeing Company, Dynamics Forum
Session Deputy Chair

Mr. Joseph Driscoll, Sikorsky Aircraft Corporation, Handling
Qualities Forum Session Chair

Mr. David Klyde, Systems Technology, Inc., Handling Qualities
Forum Session Deputy Chair

Mr. Eric-Paul Carney, U.S. Navy, Health and Usage Monitoring
Systems (HUMS) Forum Session Chair

Mr. Douglas Knapp, The Boeing Company, Health and Usage
Monitoring Systems (HUMS) Forum Session Deputy Chair

Dr. Bruce Charnov, Hofstra University (Ret.), History Forum
Session Chair

Prof. Daniel Schrage, Georgia Institute of Technology,
Manufacturing Technology and Processing Forum Session
Chair

Mr. Daniel Devitt, Manufacturing Technology and Processing
Forum Session Deputy Chair

Mr. Daniel Spira, Pegasus Research and Technologies,
Modeling and Simulation Forum Session Chair

Dr. Hong Xin, Sikorsky Aircraft Corporation, Modeling and
Simulation Forum Session Deputy Chair

Mr. Terry Parisher, Northrop Grumman Corp., Operations
Forum Session Chair

Mr. Allen Huber, U.S. Army, Operations Forum Session
Deputy Chair

Mr. Treven Baker, U.S. Army, Product Support Systems
Technology Forum Session Chair

Mr. Raymond Beale, Sikorsky Aircraft Corporation, Product
Support Systems Technology Forum Session Deputy Chair

Mr. Michael Spratt, Rolls-Royce Corporation, Propulsion
Forum Session Chair

Dr. Zihni Saribay, Turkish Aerospace Industries, Propulsion
Forum Session Deputy Chair

Dr. Mark Gurvich, United Technologies Research Center,
Structures and Materials Forum Session Chair

Dr. Yuriy Nikishkov, University of Texas at Arlington,
Structures and Materials Forum Session Deputy Chair

Dr. Joan Pham, Sikorsky Aircraft Corporation, System
Engineering Forum Session Chair

Mr. Stephen Felter, Lockheed Martin, System Engineering
Forum Session Deputy Chair

Mr. Marc Alexander, National Research Council of Canada,
Test and Evaluation Forum Session Chair

Dr. Jose Palacios, Pennsylvania State University, Test and
Evaluation Forum Session Deputy Chair

Mr. Patrick Fabiani, Institut Supérieur de l'Aéronautique et de
l'Espace, Unmanned VTOL Aircraft and Rotorcraft Forum
Session Chair

Mr. Chad Goerzen, San Jose State University, Unmanned
VTOL Aircraft and Rotorcraft Forum Session Deputy Chair

Prof. Jonathan Naughton, University of Wyoming, Wind
Energy Technology Forum Session Chair

Dr. Paul Veers, NREL's National Wind Technology Center,
Wind Energy Technology Forum Session Deputy Chair