



# National Aeronautic Association Annual Report 2012



# To All Members and Supporters of the National Aeronautic Association

2012 was a magnificent one for the National Aeronautics Association. Our year was filled with “raise the bar” events such as the brilliant Collier Trophy Dinner held at Ronald Reagan Washington National Airport, the reflective remarks of Captain Gene Cernan at our Henderson Trophy Luncheon, and the stirring presentation of the Mackay Trophy by General Mark Welsh, Chief of Staff of the United States Air Force. From the very beginning of the year, with the distinguished panel that made the selection for the Collier Trophy, through the excitement-filled Spring and Fall Awards to the annual, and seminal, award of the Wright Trophy to Bob Stevens of Lockheed Martin, we were busy at our task of recognizing the achievements of individuals, equipment, and organizations in the aerospace industry.

Probably of greater importance, however, is that I believe that the year 2013 promises to continue with the strong progress we achieved in 2012.

Part of the very nature of the aerospace industry is that, despite extraordinary budget pressures and programming uncertainty, it always manages to deliver new heights of accomplishment. A significant part of this process is the confluence of new technologies at an almost pell-mell pace. The aerospace industry is teeming with new possibilities thanks to developments in materials, software, platforms, and — more important than anything — visions of what will move from theoretical to actual over the next decade.

There are concerns to be sure, including the near-certainty of reduced defense expenditures and the uncertainty of national economies around the world. Against this, however, is the growing realization that the enormous pent-up demand for goods and services will inevitably boost the requirements for aerospace industry products, services, and new record setting efforts.

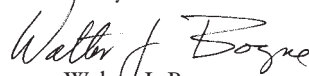
What some people have rightly called the “new NAA” stands ready to service this rising tide of demand with its three unique and irreplaceable capabilities. The first of these is our gold-standard methods of recording and recognizing records in every aspect of the industry. The second is our administration, selection, and presentation of the most sought after, most prestigious, and most widely recognized aerospace industry awards. Third, of course, is our lifelong commitment to helping to develop and promote air sports in the United States.

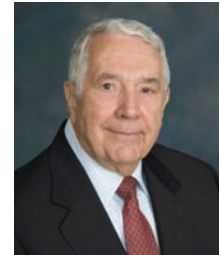
It is really quite remarkable how many people and how many industries are affected so positively by the work of the National Aeronautic Association. In the case of the previously mentioned Wright and Collier trophies, thousands and sometimes even hundreds of thousands of individuals share in the glory of the achievements. In a similar way the entire infrastructure of the industry vibrates to the tune of these awards.

NAA also makes other individual and group awards in the course of the year. These cover the whole panoply of the industry, from record setting parachute jumps to servicing the International Space Station and from point-to-point speed records to long distance balloon flights. The NAA also recognizes the importance of art and education in the industry with separate, dedicated awards.

Anyone who has attended any of the NAA events has seen the pride, the joy, and the comfort the recipients express at the awards ceremonies. Add to this NAA’s convivial and information laden luncheon program, and you have a formidable array of events that are guaranteed to make 2013 an even more wonderful year than 2012.

We look forward to seeing YOU at everyone of them!

  
Walter J. Boyne  
Chairman



# Message from the President and CEO

When we embarked together on recovering NAA back in 2007, I anticipated that it would take 4-5 years to get us back on sound footing – particularly when we found ourselves collectively in the worst economic conditions in 70 years.

It is a relief to announce, therefore, that we have truly “re-set” our organization and enjoyed one of the best years in a long, long time.

As the financial report in this Annual Report will attest, we certainly attained an extremely healthy fiscal position. Some of our increased revenue was of the “one-off” variety: A very welcomed \$25,000 grant from the Conrad Hilton Foundation and a large number of miniature Collier Trophy orders from the industry throughout the year (which commemorate past Collier recipients). But other line items in the report reflect a broadening of our base of support to include three new Corporate Members (Spirit Aerosystems, Bombardier Aerospace, and Honeywell), a solid rebound in our aviation records work, and increased attendance at our events. Of significant importance is that we maintained all of our Corporate, Affiliate, and Aero Club partners – and have yet to see one depart in the past five years. In addition to significantly increased revenue, however, we maintained very tight controls on our “fixed” expenses and were able to rebate to our Air Sport partners approximately \$9,000 in FAI Dues. The “bottom line” is a very improved “bottom line” — and a fifth consecutive year of profit.

While we maintained a strong focus on our financial recovery, it wasn't our sole focus. In 2012 we maintained a very aggressive program of outreach and participation in the work of our colleagues throughout the industry. Traveling almost 100,000 miles, Art Greenfield and I attended numerous events, board meetings, conferences, and competitions – all to the goal of providing support to the industry and to continue to “build the brand” of NAA. Highlights of our year were attendance at two FAI World Championships held in America (The Soaring Championships in Texas and the Ballooning Championships held in Michigan) and participating directly in the data collection of the remarkable skydiving record of Felix Baumgartner and the Red Bull Stratos Project in New Mexico.

As we move ahead, we understand very clearly the challenges that are facing the aviation and aerospace community and industry in America. While our portfolio of responsibilities — Records, Awards, and the promotion of Air Sports in America — is very defined, we will always strive to support the industry we have been a part of since its very beginning.

As none of this was done alone, I am extremely grateful for the support of our Chairman, Board of Directors, Corporate Partners, Air Sport Organizations, and the other groups and individuals that make us the “Aero Club of the United States.”

As always, many thanks.



Jonathan Gaffney





# 2012 NAA Award Winners

## Robert J. Collier Trophy

The Boeing Company and the 787 Dreamliner



## Clarence Mackay Trophy

### Crew Members of Pedro 83

Captain Joshua Hallada, USAF  
 First Lieutenant Elliott Milliken, USAF  
 Senior Airman Michael Price, USAF  
 Senior Airman Justin Tite, USAF

### Crew Members of Pedro 84

Major Philip Bryant, USAF  
 Captain Louis Nolting, USAF  
 Technical Sergeant James Davis, USAF  
 Technical Sergeant Heath Culbertson, USAF  
 Technical Sergeant William Gonzalez, USAF

### Crew Members of Guardian Angel Team

Major Jesse Peterson, USAF  
 First Lieutenant Aaron Hunter, USAF  
 Master Sergeant Matthew Schrader, USAF  
 Technical Sergeant Joshua Vanderbrink, USAF  
 Technical Sergeant Christopher Uriarte, USAF  
 Technical Sergeant Shane Hargis, USAF  
 Staff Sergeant Jason Ruiz, USAF  
 Staff Sergeant Angel Santana, USAF  
 Staff Sergeant Nathan Greene, USAF  
 Staff Sergeant Zachary Kline, USAF  
 Staff Sergeant William Cenna, USAF



## Katharine Wright Memorial Award

Captain Laura B. Easton, USAF



## Wright Brothers Memorial Trophy

Robert J. Stevens, Lockheed Martin



**Frank G. Brewer Trophy**  
John and Martha King



**Clifford W. Henderson Trophy**  
Joe Lombardo, Gulfstream Aerospace

**Katherine and Marjorie Stinson Trophy**  
The Honorable Carol Carmody



**Wesley McDonald Distinguished Statesman of Aviation Award**

- Christopher Kraft, Jr.
- Keith Ferris
- Dick Koenig
- Henry Ogrodzinski
- Irving Statler



Keith Ferris



Dick Koenig



Henry Ogrodzinski



Irving Statler

## Public Benefit Flying Awards

*Distinguished Volunteer Pilot* – Susan Lapis,  
SouthWings;  
Del Reiff, Wings of Hope

*Distinguished Volunteer*  
– Debi Boies,  
Pilots N Paws;  
Larry Scheffler,  
Miracle Flights  
for Kids

*Outstanding Achievement in Advancement of Public Benefit Flying* – Bob Showalter and Showalter Flying Services

*Champion of Public Benefit Flying* –  
Lightspeed Aviation  
Foundation



## Fédération Aéronautique Internationale Awards

### Charles Lindbergh Diploma

Ed Bolen



### Paul Tissandier Diploma

Rodney Skaar

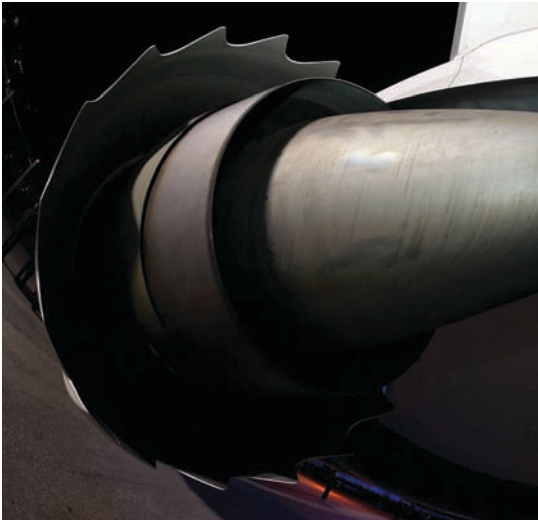




# Collier Selection Committee, March 12, 2012



# Collier Dinner, May 10, 2012

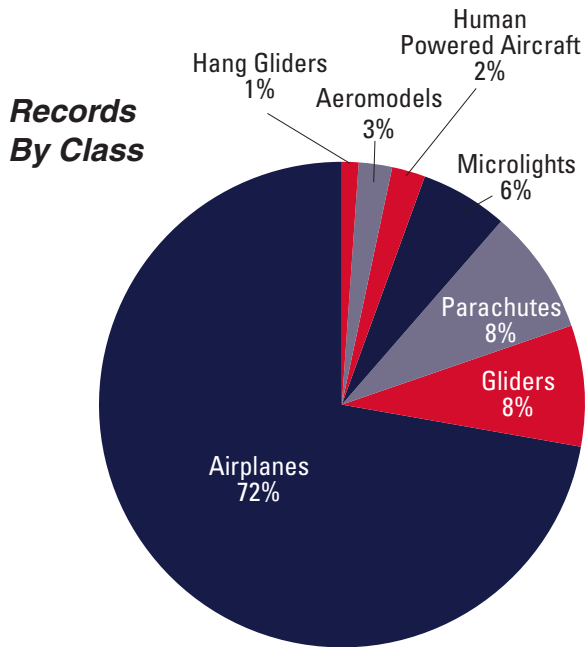




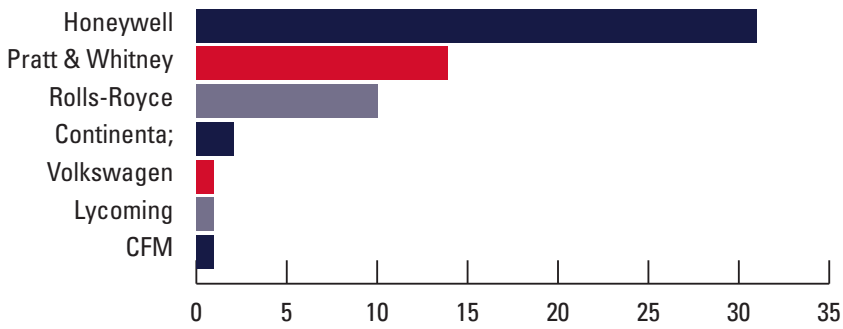
# Ronald Reagan Washington National Airport



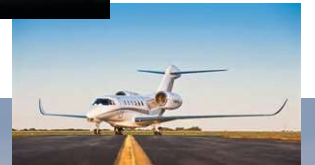
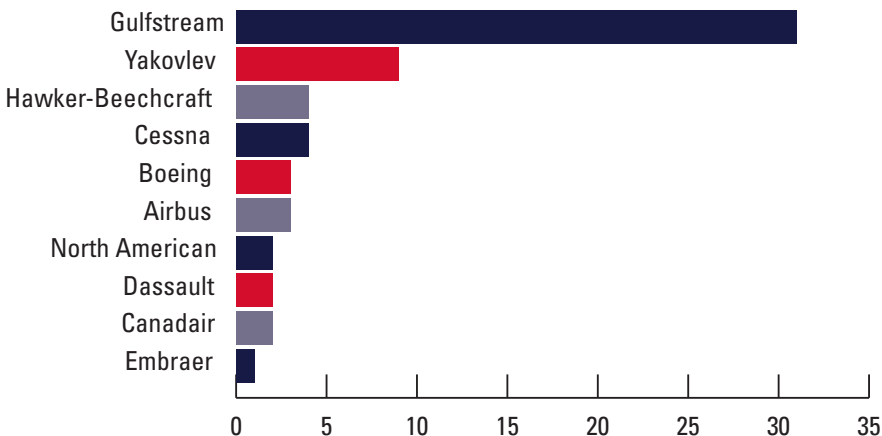
# Records



**Airplane & Rotorcraft Records by Engine Manufacturer**



**Airplane & Rotorcraft Records by Airframe Manufacturer**





# 2012 Board of Directors and Staff

## Officers

*Chairman:* Walter Boyne  
*Vice Chairman:* Durwood “Skip” Ringo, DRS Technologies  
*General Counsel:* George Carneal, HoganLovells  
*Treasurer:* Roy Kiefer  
*Secretary:* Elizabeth Matarese, Innovative Solutions

## President and CEO

Jonathan Gaffney

## Board Members

Alexis Allen, Aerospace Industries Association	Leo Knaapen, Bombardier Aerospace
Monte Belger, Aero Club of Washington	John S. Langford, Aurora Flight Sciences
Laurie Bertenthal, Rockwell Collins	Joe Lombardo, Gulfstream Aerospace Corporation
Bob Blouin, Hawker Beechcraft	David Manke, UTC/Pratt & Whitney
Ed Bolen, National Business Aviation Association	Mary Miller, Signature Flight Support
J. Richard (Hot Dog) Brown, Business Intelligence Solutions	Stan O’Connor, GE Aviation
Stephen Callaghan, NAA Awards and Events Committee/Lockheed Martin	Henry Ogrodzinski, National Association of State Aviation Officials
Steve Champness, Trade-A-Plane/Aero Club of Metropolitan Atlanta	Dave Pixton, Soaring Society of America
David Coleal, Spirit AeroSystems	Pat Prentiss, The Ninety-Nines, Inc.
Dave Franson, Wichita Aero Club	William Readdy, Discovery Partners
Randall Greene, Safe Flight Instrument Corporation	Bob Rubino, Lockheed Martin
Arthur Greenfield, NAA Contest & Records	Alvin Sack, alsEnterprises
Stephanie Harder, Cessna	Edward Scott, United States Parachute Association
T.C. Jones, Northrop Grumman	Tony Velocci, <i>Aviation Week and Space Technology</i>
Tim Keating, Boeing*	Bob Vilhauer, Boeing**

## Staff

Arthur Greenfield, Director of Contest and Records  
 Nancy Sack, Director of Administration  
 Cassandra Bosco, TailWinds Communications, Director of Awards and Events



\*July 1 – December 31

\*\*January 1 – June 30

# Award Selection Committee Members

## **Robert J. Collier Trophy**

*Chairman:*

Walter Boyne, Chairman, NAA

*Former Collier Recipients:*

Dick Rutan, Collier Recipient - 1986

Joe Lombardo, Gulfstream - Collier Recipient, 2003

The Hon. Bobby Sturgell, Rockwell Collins – Collier Recipient/ADSB, 2008

Jeff Pino, Sikorsky Aircraft Corporation – Collier Recipient, 2010

Richard Aboulafla, The Teal Group  
Monte Belger, Aero Club of Washington

The Hon. Marion Blakey, Aerospace Industries Association

Bob Blouin, Hawker Beechcraft

Ed Bolen, National Business Aviation Association

Pete Bunce, General Aviation Manufacturers Association

Steve Callaghan, National Aviation Club Committee of NAA

Steve Champness, Aero Club of Atlanta

David Coleal, Spirit AeroSystems

Brian Glackin, Cobham

Mathew Greene, Safe Flight Instrument

Leo Knaapen, Bombardier

John Langford, Aurora Flight Sciences

Dave Manke, United Technologies

Mary Miller, Signature Flight Support/BBA Aviation

Stan O'Connor, GE Aviation

Steve Plummer, Rolls Royce, North America

Skip Ringo, DRS

Bob Rubino, Lockheed Martin

Ed Scott, United States Parachute Association

Bob Stangarone, Embraer

Al Tyler, Soaring Society of America

Mark Van Tine, Jeppesen

Tony Velocci, *Aviation Week and Space Technology*

Bob Vilhauer, Boeing

Jonathan Gaffney, Director/  
Non-Voting Member of Selection Committee

## **Wright Brothers Memorial Trophy**

Walter Boyne, Chairman NAA

Robert Crandall, 2004 Wright Trophy Recipient

Dr. Mark Lewis, American Institute for Aeronautics and Astronautics  
Major General Charles F. Bolden, Jr., USMC, (Ret.).

Tony Velocci, *Aviation Week and Space Technology*

Nick Calio, Airlines for America  
Marion Blakey, Aerospace Industries Association

Bob Bergman, Aero Club of Washington

Henry Ogrodzinski, National Association of State Aviation Officials

Jonathan Gaffney, NAA, Chairman of Selection Committee

## **Frank G. Brewer Trophy**

Frank Brewer, III

Rob Brewer

Shelly Simi, Jeppesen

Peggy Chabrian, Women In Aviation, 2009 Brewer Trophy Recipient

Debbie Gallaway, 2004 Brewer Trophy Recipient

Carolyn Williamson, University Aviation Association, 2008 Brewer Trophy Recipient

Jonathan Gaffney, NAA, Chairman of Selection Committee

## **Katherine Wright Memorial Award**

Susan Larson, Ninety-Nines

Susan Sheets

Pat Prentiss, Ninety-Nines

Martha Phillips, Ninety-Nines

Jonathan Gaffney, NAA, Chairman of Selection Committee

## **Wesley L. McDonald Distinguished Statesman of Aviation Award**

Walter Boyne, 1998 Recipient

Leo Knaapen, Bombardier

Chris Benich, Honeywell

General Charles Metcalf, 2010 Recipient

Paula Hochstettler, Airport Consultants Council

Jim Coyne, NATA, 2011 Recipient

Bob Stangarone, Embraer

Lenny Potts, 2011 Recipient

## **Public Benefit Flying Awards**

Lindy Kirkland, Air Care Alliance

Rick Durden, Air Care Alliance

Judy Benjamin, Air Care Alliance

Linda Daschle, LHD and Associates

Steve Champness, Aero Club of Atlanta

Paula Hochstettler, Airport Consultants Council

Jonathan Gaffney, NAA



# Air Sports

## **Affiliated Air Sport Organizations:**



**Academy of Model Aeronautics**  
(1936)  
5151 East Memorial Drive  
Muncie, Indiana 47302  
[www.modelaircraft.org](http://www.modelaircraft.org)



**Soaring Society of America**  
(1932)  
PO Box 2100  
Hobbs, New Mexico 88241-2100  
[www.ssa.org](http://www.ssa.org)



**United States Parachute Association**  
(1946)  
5401 Southpoint Centre Boulevard  
Fredericksburg, Virginia 22407  
[www.uspa.org](http://www.uspa.org)



**Balloon Federation of America**  
(1961)  
1601 N. Jefferson  
Indianola, Iowa 50125  
[www.bfa.net](http://www.bfa.net)



**United States Ultralight Association**  
(1982)  
PO Box 38  
Greenville, Illinois 62246  
[www.usua.org](http://www.usua.org)



**United States Hanggliding and Paragliding Association**  
(1974)  
PO Box 1330  
Colorado Springs, Colorado 80901-1330  
[www.ushpa.aero](http://www.ushpa.aero)



**International Aerobatic Club**  
(1970)  
PO Box 3086  
Oshkosh, Wisconsin 54903-3086  
[www.iac.org](http://www.iac.org)

Air Sports occupy a very important and historic role in the aviation and aerospace fabric of the United States. With a combined, total membership of over 200,000, the affiliated air sport organizations of NAA bring to our industry the promotion of education, safety, competition, and the sheer enjoyment of sporting aviation. Spread throughout all 50 states, they bring to America the excitement and adventure of flying.

NAA partnerships with these seven air sport organizations are administrative, financial, and professional in nature. For example, NAA

- Collects dues from all the ASOs and forwards them to FAI as part of NAA's annual dues. (100% of these dues are forwarded to FAI, and any that are collected in excess are returned to the ASOs);
- Provides guidance and support to the ASOs on regulatory and governmental issues as needed/possible;
- Administers sporting licenses and records to all ASO members;
- Assigns members designated by the ASOs to the FAI Commissions;
- Administers the FAI awards program for air sports in the United States;
- Consistently brings air sports into our work through our events, award selection panels, and publications.

In addition the NAA President and NAA Director of Contest and Records serve (collectively) on the Boards of all the ASOs and Presidents/Executive Directors (or their designates) of the ASOs rotate onto the NAA Board.

# FAI

As a founding member of the Fédération Aéronautique Internationale, NAA maintains a close and professional association with this world governing body of air sports.



Based in Lausanne, Switzerland, the organization is made up of nearly 100 member countries and was founded in 1905. As the world air sports federation, FAI oversees all air sport activity throughout the world, establishing rules for the certification of records and air sport events around the world, and conferring medals and diplomas to deserving members of the aviation community.

Jonathan Gaffney is a Vice-President of FAI and Art Greenfield serves as a Delegate to the FAI General Aviation Commission.

In 2012, NAA participated in a number of important FAI projects and events, including participation in the FAI General Conference in Antalya, Turkey, and the General Aviation Commission meeting in Cyprus. In addition, we hosted three events for FAI President Dr. John Grubstrom and FAI Executive Committee Member Robert Henderson while they were visiting the United States.

Working with its affiliated Air Sport Organizations, we designated 24 Americans for assignment on 13 different FAI air sport and technical commissions:

## **General Aviation Commission (GAC)**

Delegate: Arthur Greenfield, District of Columbia

Alternate: Scott Neumann, Virginia

## **Gliding Commission (IGC)**

Delegate: Eric Mozer, North Carolina

Alternate: Rick Sheppe, Vermont

## **Parachuting Commission (IPC)**

Delegate: Kirk Verner North Carolina

Alternate: James Hayhurst, Pennsylvania

## **Ballooning Commission (CIA)**

Delegate: Mark Sullivan, New Mexico

Alternate: David Levin, Colorado

## **Aeromodeling Commission (CIAM)**

Delegate: Bob Brown, Pennsylvania

Alternate: David Brown, Ohio

## **Hang Gliding and Para Gliding Commission (CIVL)**

Delegate: Dennis Pagen, Pennsylvania

Alternate: James Shelden, Florida



## **Airspace and Navigation Systems Commission (CANS)**

Delegate: Bernald Smith, California

## **Environmental Commission (ENVC)**

Delegate: Bernald Smith, California

## **Aerobatic Commission (CIVA)**

Delegate: Michael Huer, Tennessee

Alternate: Debby Rihn-Harvey, Texas

## **Aviation and Space Education Commission (CIEA)**

Delegate: Debbie Gallaway Washington, DC

Alternate: Gordon Schimmel, Massachusetts

## **Medico-Physiological Commission (CIMP)**

Delegate: Dr. Geoffrey McCarthy, Oregon

Alternate: Dr. Richard Garrison, Oregon

## **Astronautic Records Commission (ICARE)**

Delegate: Gregory Oliver, Texas

Alternate: William Barry, Washington, D.C.

## **Microlight Commission (CIMA)**

Delegate: Roy Beisswenger, Illinois

Alternate: Jeff Goin, Illinois



# NAA Luncheon Program

The NAA Luncheon Series, organized by our National Aviation Club Awards and Events Committee, brings together leaders in the aviation and aerospace industry with professionals from around the region. Directed by Steve Callaghan, Chairman of the Committee, the program continues to serve as a forum for industry information sharing and networking. Speakers included:



RADM Ken Floyd, USN, Director, Air Warfare Division (OPNAV N88)



Tom Burbage, Executive Vice President, Lockheed Martin Aeronautics



David Bronczek, President & CEO, FedEx Express



Captain Eugene Cernan, USN, Ret., The Last Man to Walk on the Moon



Elon Musk, CEO & Chief Designer, Space Exploration Technologies (SpaceX)



The Honorable Ray Mabus, Secretary of the Navy



The Honorable Marion Blakley, President & CEO, Aerospace Industries Association

## 2012 Season Table Holders:

The Boeing Company  
Cobham  
DRS Technologies, Inc.

EADS North America  
GE Aviation  
Hawker Beechcraft Corporation

Lockheed Martin Corporation  
Northrop Grumman Corporation

Rolls-Royce North America  
UTC/Pratt & Whitney  
Aurora Flight Sciences

## 2012/2013 Financial Information

<u>Income</u>	2012 Budgeted	2012 Actuals	2013 Budgeted
Corporate Dues	\$320,000.00	\$370,000.00	\$375,000.00
Air Sport Dues	\$115,198.00	\$107,732.19	\$115,198.00
Individual Dues	\$27,150.00	\$42,394.00	\$30,500.00
Affiliate Dues	\$22,000.00	\$22,000.00	\$22,000.00
Aero Club Dues	\$9,000.00	\$11,000.00	\$9,900.00
Record Fees	\$65,000.00	\$90,479.77	\$75,000.00
Sales	\$17,450.00	\$142,954.50	\$17,300.00
Events	\$192,200.00	\$337,991.78	\$195,850.00
Miscellaneous	\$12,050.00	\$47,624.55	\$9,500.00
<b>TOTAL</b>	<b>\$780,048.00</b>	<b>\$1,172,176.70</b>	<b>\$850,248.00</b>
<u>Expenses</u>			
Salary/Benefits	\$297,500.00	\$341,265.13	\$333,776.00
Contract Services	\$49,663.00	\$62,316.80	\$64,765.00
Building/Equipment	\$43,550.00	\$44,595.77	\$51,510.00
FAI Dues	\$123,100.00	\$111,734.77	\$112,833.00
Membership	\$14,500.00	\$15,814.45	\$20,700.00
Travel	\$20,000.00	\$27,552.45	\$20,000.00
Events	\$127,840.00	\$195,536.30	\$149,400.00
Miscellaneous	\$72,993.00	\$136,306.10	\$73,860.00
Publishing	\$28,800.00	\$25,000.00	\$21,600.00
<b>TOTAL</b>	<b>\$777,946.00</b>	<b>\$960,121.77</b>	<b>\$848,444.00</b>
	\$2,102.00	\$212,054.93	\$1,804.00

# 2012 Organizational Members

## ***CORPORATE MEMBERS***

Aurora Flight Sciences  
The Boeing Company  
Bombardier Aerospace  
Cessna Aircraft Company  
DRS Technologies  
GE Aviation  
Gulfstream Aerospace Corporation  
Hawker Beechcraft Corporation  
Honeywell  
Jeppesen  
Lockheed Martin Corporation  
Northrop Grumman Corporation  
Rockwell Collins, Inc.  
Rolls-Royce, North America  
Safe Flight Instrument Corporation  
Signature Flight Support Corporation  
SpaceX  
Spirit AeroSystems  
United Technologies Corp.

## ***AFFILIATE MEMBERS***

Aerospace Industries Association  
Air Care Alliance  
Aircraft Owners and Pilots Association  
Airlines for America  
American Institute of Aeronautics and Astronautics  
Embry-Riddle Aeronautical University  
General Aviation Manufacturers Association  
National Air Transportation Association  
National Association of State Aviation Officials  
National Business Aviation Association, Inc.  
The Ninety-Nines, Inc.  
University of Maryland/Aerospace Engineering

## ***AERO CLUB MEMBERS***

Aero Club of Metropolitan Atlanta  
Aero Club of New England  
Aero Club of Northern California  
Aero Club of Southern California  
Aero Club of Washington  
Wichita Aero Club

## ***INDIVIDUAL MEMBERS***

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On the cover: 2012 FAI World Ballooning Championships, Battle Creek, Michigan; General Mark Welsh, USAF, Chief of Staff of the United States Air Force presenting the 2012 Mackay Trophy; Felix Baumgartner and Red Bull Stratos Project; 2012 FAI World Soaring Championships, Uvalde, Texas; Boeing 787, recipient of the 2011 Collier Trophy; Captain Gene Cernan, USN, (Ret.); Bob Stevens, recipient of the 2012 Wright Brothers Memorial Trophy.



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Washington National Airport (DCA)  
Washington, D.C. 20001  
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[www.naa.aero](http://www.naa.aero)