



# National Aeronautic Association

## *2013 Annual Report*



*"The Aero Club of the United States"*



## To All Members and Supporters of the National Aeronautic Association

Most of us have experienced the “Doppler Effect”—in which an object moving toward us seems to have a higher sound frequency when approaching, and a lower one when departing. It sounds just right only at the instant of passing. In many ways one could describe in the same manner the hurricane-like rush of events through the National Aeronautic Association year. At the moment, one hears the approaching rush of the Collier Trophy; it will be with us in all its excitement and furor at the Collier Dinner, and then as it’s departing, the sounds of congratulations will fade away, being superseded by the roar of the approaching Fall Awards and then the Wright Brothers Trophy.



Each of these “Doppler Events” is preceded by weeks and months of hard work by the NAA staff, fixing the dates and venues, soliciting the nominees, going through a difficult validation process and then establishing an appropriate, high level selection committee to make the decisions.



Just a quick sampling of the results shows how well this seemingly hectic but actually well organized system produced remarkable choices, always chosen from highly qualified rivals. The magnificent, almost unbelievable precision and execution of the NASA/JPL Mars Science Laboratory team in landing the Mars “Curiosity” vehicle was awarded the Collier. Despite natural disappointment among strong competitors, there was in fact unanimous pleasure felt at the decision.

Myriad other triumphs followed and were celebrated in a similar way. The cherished MacKay Trophy was won by the bravery, skill and team work of the courageous crews of Pedro 83 and Pedro 84. They heroically conducted rescue operations, engaging in battle under intense enemy fire and the worst possible weather conditions. Colonel Joe Kittinger, famed for his combat, ballooning, and parachuting prowess, received the Cliff Henderson Trophy. There were many more awards of similar stature, with the year concluding on the highlight of the Wright Trophy. It was awarded to the Honorable Marion Blakey, perhaps the most skillful and dedicated public servant in the world of aerospace.

In tandem and in tempo with this constant process of soliciting, evaluating and making awards, NAA continued with its unique task of record keeping. NAA is fortunate to have Art Greenfield in charge, for he is recognized around the world as the leading expert in a very demanding field. Using a team of dedicated volunteers, Art saw to it that the NAA was able to certify new records in speed, distance, and altitude for a wide variety of aircraft.

Leading the very small but very efficient NAA staff was our President and CEO, Jonathan Gaffney, who oversaw both awards and trophies, even as he managed the always demanding business issues. Under his guidance, the NAA continued its prudent and successful financial path, despite the general economic difficulties of the industry. Perhaps even more difficult—and certainly more demanding—he cemented relations with our member associations by a marathon travel effort. Almost every week, and often over weekends, Jonathan made NAA’s presence and objectives known to both member associations and to important members of our industry. Jonathan represents NAA at its best—actively serving, leading with vigor and seeing that goals are met or exceeded.

And I personally am experiencing the Doppler Effect as I contemplate retirement from the position of Chairman of the Board in June. I hear the rushing echoes of the past years of remarkable events and look forward to being an interested and engaged witness to the happenings in the years to come. It has been a wonderful eight-year experience for me, working with the superb staff, a powerful and dedicated Board of Directors, and especially with the hard working members of our Executive Committee. I must give special tribute the Officers of NAA - our wise legal counsel, George Carneal; our accurate and hard working Treasurer, Roy Keifer; the boundless Skip Ringo, our Vice Chair, and the always supportive Elizabeth Matarese, our Secretary. Most people acknowledge that the NAA is in a far stronger position today than it was eight years ago, and I firmly believe that it will build upon its present status and grow even stronger in the future.

In closing I want to give my thanks to the staff, to the board, and to the members for allowing me the privilege and the pleasure of being Chairman, and I wish the NAA the very best for the future.

Walter Boyne  
Chairman, NAA

On the Covers:  
(Front) The Gulfstream G650, holder of 38 World Records in 2013  
(Back) Mars Curiosity Rover, Recipient of the 2013 Collier Trophy



## 2013 National Aeronautic Association Annual Report

### Message from the President and CEO

Like the industry we have been a part of almost since its inception a century ago, NAA had a positive—and sometimes choppy—year in 2013.

On the positive side we were able to validate the business model of the association through a continued challenging environment. We were able to turn our 6th consecutive year of modest profit and continue to maintain our portfolio of responsibilities—Records, Awards, and the promotion of Air Sports in America.

Through our Awards work we acknowledged some of the great accomplishments and people in our industry. Of note was the remarkable accomplishment reflected in the engineering, science, technology, and operations of the 2013 Collier Trophy recipient—the Mars Curiosity Rover. The Honorable Marion Blakey, President and CEO of the Aerospace Industries Association, was selected as a most worthy recipient of the Wright Brothers Memorial Trophy, and our own Art Greenfield was awarded an extremely important international award—the FAI Silver Medal.

The highlight of our year, however, was the extraordinary number of National and World Aviation Records set by Gulfstream. In 2013, they set 56 different world records in their G650 and G280 aircraft—including a 568 mph around-the-world record flight of a G650 in September. In addition, we certified a number of other aviation records to include a 8,115-mile unrefueled Lancair flight from Guam to Jacksonville and a new world record for vertical formation skydiving when 63 women joined for a head-down jump in Eloy, Arizona.

We continued to support and participate in the work of our seven affiliated Air Sport Organizations. Not only were we collectively active in their work, but we were able to return to them approximately \$5,500.00 in FAI dues collected that went unused. As to FAI, I was able, for the first time, to visit their headquarters in Lusanne, Switzerland, where I had a productive day of meetings and discussions.

Outreach remained key to our financial and operational success—and Art Greenfield and I combined for well over 100,000 miles of travel to support it. We continued to participate in the work of all of the many different components of NAA—our Air Sports, Aero Clubs, Affiliates, and Corporate members as well as participation in the work of the Federation Aeronautique Internationale. On the staffing of NAA, we were able to bring aboard two very talented and experienced people—Michelle Garvin as our Director of Administration, and Melodie Feather, our Director of Awards and Events.

Of course, we sadly lost one of our most engaged, knowledgeable, and supportive board members with the passing of Henry Ogrodzinski in January 2014. He was one of the great people in our industry, and he will always be in our thoughts.

As we move ahead into 2014, we will face the continued turbulence that is confronting our industry – but we are structured to continue to support aviation and aerospace in America. Our board adopted a budget for the year which budgets lower expenses from 2013 and freezes all staff salaries.

Our biggest challenge for the year, however, is replacing our retiring Chairman, Walter Boyne. There is little doubt in my mind that we could have recovered ourselves from near-default a few years back without Walter at our helm. He put an enormous amount of his personal credibility on the line when he signed on as Chairman—and the entire industry is grateful to him.

As always, thank you for your support of the National Aeronautic Association, and I am looking forward to seeing you all this coming year.

As always, many thanks.

Jonathan Gaffney





# 2013 NAA Award Recipients

## Robert J. Collier Trophy

NASA/JPL Mars Curiosity Project Team

### Wright Brothers Memorial Trophy

The Honorable  
Marion Blakey



## Clarence Mackay Trophy

Crew Members of Pedro 83

- Captain Vincent Powell, USAF
- Captain Thomas R. Stengl, USAF
- Captain Brion Stroud, USAF
- First Lieutenant Paul A. Fry, USAF
- Chief Master Seargent John Ballard, USAF
- Chief Master Seargent Scott Callahan, USAF
- Technical Sergeant Cameron J. Hystad, USAF
- Staff Sergeant Lucas G. Ferrari, USAF
- Staff Sergeant Mahonri R. Gibson, USAF
- Staff Sergeant Thomas A. Hervert, USAF
- Staff Sergeant William A. Mathis, USAF
- Senior Airman Brian D. Ayres, USAF
- Senior Airman Jordan J. Dehlbom, USAF







# 2013 NAA Award Recipients

## Wesley McDonald Distinguished Statesman of Aviation Award



Janice Barden  
Ralph Crosby  
Hugh Risseuw  
Bruce Whitman  
Matt Zuccaro

## Frank G. Brewer Trophy

Barrington Irving



## Katharine Wright Memorial Award

Kim De Groh



Mary Feik



## Clifford W. Henderson Trophy

Colonel Joe Kittinger, USAF (Ret.)





## 2013 National Aeronautic Association Annual Report

### Public Benefit Flying Awards

**Distinguished Volunteer Pilot -**  
Hank Stoebeneau

**Public Benefit Flying Teamwork  
Award - Project Orbis and FEDEX**

**Outstanding Achievement Award -**  
Aerobridge

**Outstanding Achievement Award -**  
Civil Air Patrol

**Champion of Public Benefit Flying -**  
Air Safety Institute

**Champion of Public Benefit Flying -**  
Greater Washington Aviation Open



## Fédération Aéronautique Internationale Awards

**FAI Silver Medal**

Art Greenfield





# Collier Selection Committee – March 11, 2013



- Nominees**
- The Lockheed Martin Cargo Unmanned Aerial System
  - The NASA/JPL Dawn Project Team
  - The Gulfstream G650
  - The United States Air Force MC-12 Project Liberty Team
  - The NASA/JPL Mars Science Laboratory/Curiosity Project Team
  - The Red Bull Stratos Team
  - The NASA/JPL Voyager Team





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# Collier Dinner







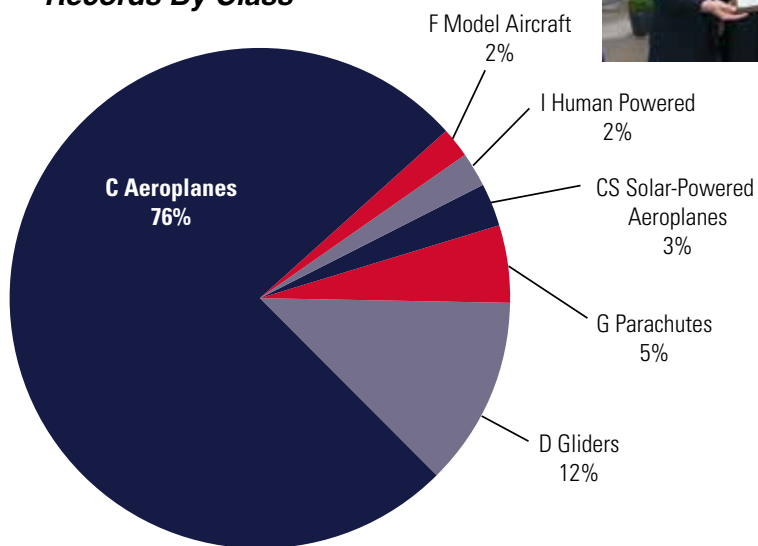
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# Collier Dinner

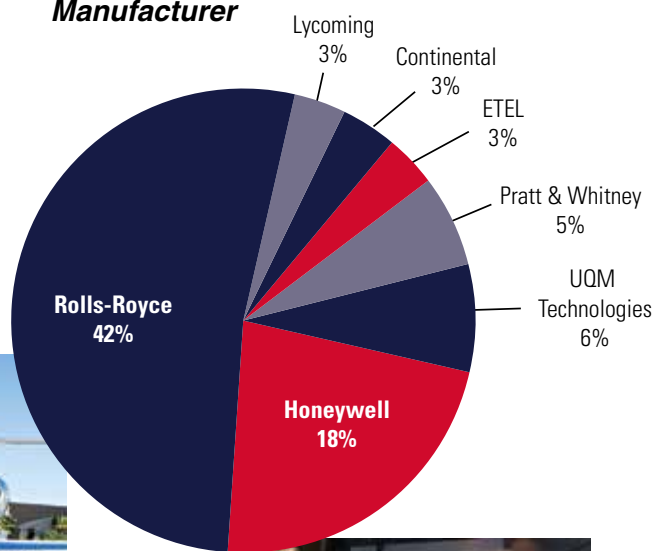


# Records

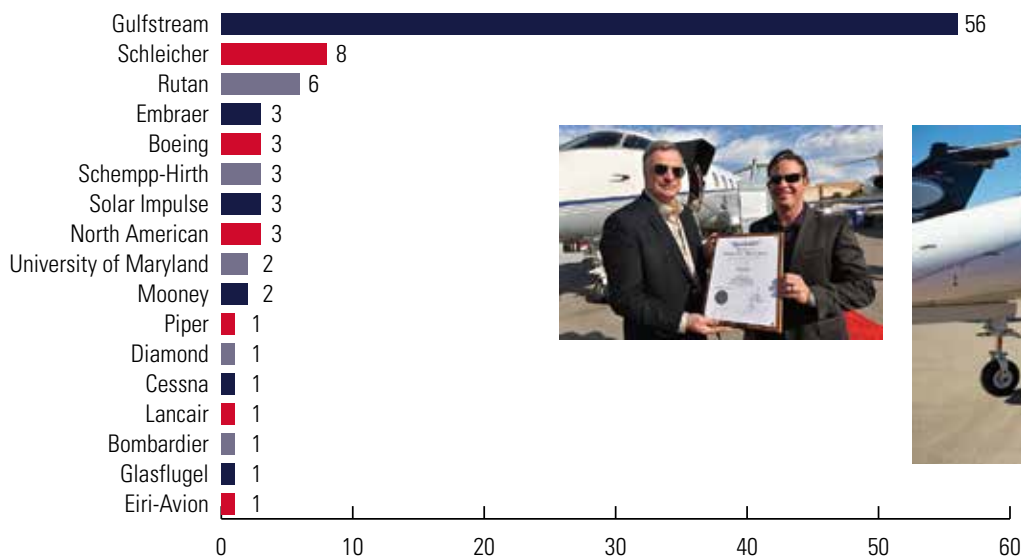
## Records By Class



## Records by Engine Manufacturer



## Records by Aircraft Manufacturer





## 2013 Board of Directors and Staff

### **Officers**

*Chairman:* Walter Boyne

*Vice Chairman:* Durwood “Skip” Ringo, The Ringo Group

*Treasurer:* Roy Kiefer

*Counsel:* George Carneal, Hogan Lovells

*Secretary:* Elizabeth Matarese, Innovative Solutions

### **President and CEO**

Jonathan Gaffney

### **Board Members**

Robert Bergman – Aero Club of Washington

Bob Blouin – Hawker Beechcraft

Ed Bolen – National Business Aviation Association

J. Richard Brown – Eagle Force

Robert Brown – Academy of Model Aeronautics

Stephen Callaghan – NAA Awards & Events  
Committee

Steve Champness – Aero Club of Metropolitan  
Atlanta

Dave Franson – Wichita Aero Club

Tom Hendricks – National Air Transport Association

Randall Greene – Safe Flight Instrument Corporation

Arthur Greenfield – NAA Contest and Records

Tim Keating – The Boeing Company

Leo Knaapen – Bombardier Aerospace

John Langford – Aurora Flight Sciences

T.C. Jones – Northrop Grumman

Joe Lombardo – General Dynamics Aerospace Group

David Manke – UTC/Pratt & Whitney

Mary Miller – Signature Flight Support

Stan O’Connor – GE Aviation

Henry Ogradzinski – National Association of State  
Aviation Officials

Ken Panos – Aerojet

Steve Plummer – Rolls-Royce, North America

Pat Prentiss – The Ninety-Nines

Bill Readdy – Discovery Partners

Bob Rubino – Lockheed Martin

Alvin Sack – alsEnterprises

Ed Scott – United States Parachute Association

Laurie Sussman – Rockwell Collins

Bob Stangarone – Embraer

Anthony Velocci

### **Staff**

Arthur Greenfield, Director of Contest and Records

Cassandra Bosco, Tailwinds Communications, Director of Awards and Events

Nancy Sack, Director of Administration\*\*

Michelle Garvin, Director of Administration\*

\*\* January 1-March 31 \*August 1-December 31





## Award Selection Committee Members

### **Robert J. Collier Trophy**

*Chairman:*

Walter Boyne, Chairman, NAA

*Former Collier Recipients:*

Bryan Allen (Gossamer Albatross - 1979),

John Tracy (Boeing 787 – 2011)

Admiral Richard Truly (1988)

Richard Aboulafia, The Teal Group

Chris Benich, Honeywell

Laurie Bertenthal, Rockwell Collins

The Honorable Marion Blakey,

Aerospace Industries Association

Bob Blouin, Beechcraft

Ed Bolen, National Business Aviation Association

Bob Brown, Academy of Model Aeronautics

Steve Callaghan, NAA Awards And Events Committee

Sandra Clifford, Aero Club of Northern California

Dave Coleal, Spirit AeroSystems

John Cotton, DRS

Jack Dailey, Smithsonian National Air and Space Museum

Dave Franson, Wichita Aero Club

Bill Garvey, Business and Commercial Aviation

Rich Hass, United States Hang Gliding and Paragliding Association

Tom Hendricks, National Air Transportation Association

T.C. Jones, Northrop Grumman

Tim Keating, The Boeing Company

Leo Knaapen, Bombardier Aerospace

Dick Koenig, Flying Magazine

John Langford, Aurora Flight Sciences

Joe Lombardo, General Dynamics Aerospace Group

Dr. Sandy Magnus, American Institute of Aeronautics and  
Astronautics

Dave Manke, United Technologies/Pratt & Whitney

Mary Miller, Signature Flight Support/BBA Aviation

Stan O'Connor, GE Aviation

Henry Ogrodzinski, National Association of State Aviation Officials

Ken Panos, AeroJet

Steve Plummer, Rolls-Royce North America

Skip Ringo, The Ringo Group

Bob Rubino, Lockheed Martin

Bob Stangarone, Embraer

Mark Van Tine, Jeppesen

Jonathan Gaffney, Director/

Non-Voting Member of Selection Committee

### **Wright Brothers Memorial Trophy**

Walter Boyne, Chairman NAA

Jim Albaugh, President, American Institute for Aeronautics and  
Astronautics

Major General Charles F. Bolden, Jr., USMC, (Ret.)

Wes Bush, Chairman, Aerospace Industries Association

Nicholas Calio, President and CEO, Airlines for America

David Castelveter, President, Aero Club of Washington

Kerry Lynch, Senior Editor for *Aviation Week/Weekly of Business  
Aviation*

Robert Stevens (Wright Trophy Recipient – 2012)

Jonathan Gaffney, NAA, Chairman of Selection Committee

### **Frank G. Brewer Trophy**

Frank G. Brewer III

Shelly Simi, Jeppesen

Debbie Gallaway, 2004 Brewer Trophy Recipient

Carolyn Williamson, University Aviation Association,  
2008 Brewer Trophy Recipient

Phil Woodruff, 2003 Brewer Trophy Recipient

Jonathan Gaffney, NAA, Chairman of Selection Committee

### **Katherine Wright Memorial Award**

Martha Phillips, President, Ninety Nines

Pat Prentiss, Ninety Nines

Lisa Piccione, NBAA

Andrew Broom, Honda Aircraft Company

Susan Sheets, JetNets

Jonathan Gaffney, NAA, Chairman of Selection Committee

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

Walter Boyne, 1998 Recipient

Dick Koenig, 2012 Recipient

Henry Ogrodzinski, 2012 Recipient

Skip Ringo, The Ringo Group

Bob Blouin, Beechcraft

Mary Miller, Signature Flight Support/BBA Aviation

Jonathan Gaffney, NAA, Chairman of the Committee.

### **Public Benefit Flying Awards**

Pete Bunce, General Aircraft Manufacturers Association

Karen Gabhart, Helicopter Association International

Lindy Kirkland, Air Care Alliance

Rick Durden, Air Care Alliance

Judy Benjamin, Air Care Alliance

Jonathan Gaffney, NAA, Chairman of the Committee



## 2013 National Aeronautic Association Annual Report

# 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 Hangliding 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 2013, NAA participated in a number of important FAI projects and events, including participation in the FAI General Conference in Kuala Lumpur, Malaysia, Turkey; and the General Aviation Commission meeting in Cordoba, Spain.

Working with its affiliated Air Sport Organizations, we designated 22 Americans for assignment on 12 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 Heuer, Tennessee  
*Alternate:* Debby Rihn-Harvey, Texas

### Aviation and Space Education Commission (CIEA)

*Delegate:* Gordon Schimmel, Massachusetts  
*Alternate:* Debbie Gallaway Washington, DC

### Medico-Physiological Commission (CIMP)

*Delegate:* Dr. Geoffrey McCarthy, Oregon  
*Alternate:* Dr. Richard Garrison, Oregon

### Microlight Commission (CIMA)

*Delegate:* Roy Beisswenger, Illinois  
*Alternate:* Jeff Goin, Illinois





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## 2013 Organizational Members

### CORPORATE MEMBERS

Aerojet  
 Aurora Flight Sciences  
 Boeing  
 Bombardier Aerospace  
 DRS Technologies  
 Embraer  
 GE Aviation  
 Gulfstream Aerospace  
 Beechcraft  
 Jeppesen  
 Lockheed Martin  
 Northrop Grumman  
 Rockwell Collins, Inc.  
 Rolls-Royce, North America  
 Safe Flight Instrument  
 Signature Flight Support  
 SpaceX  
 United Technologies

### AFFILIATE MEMBERS

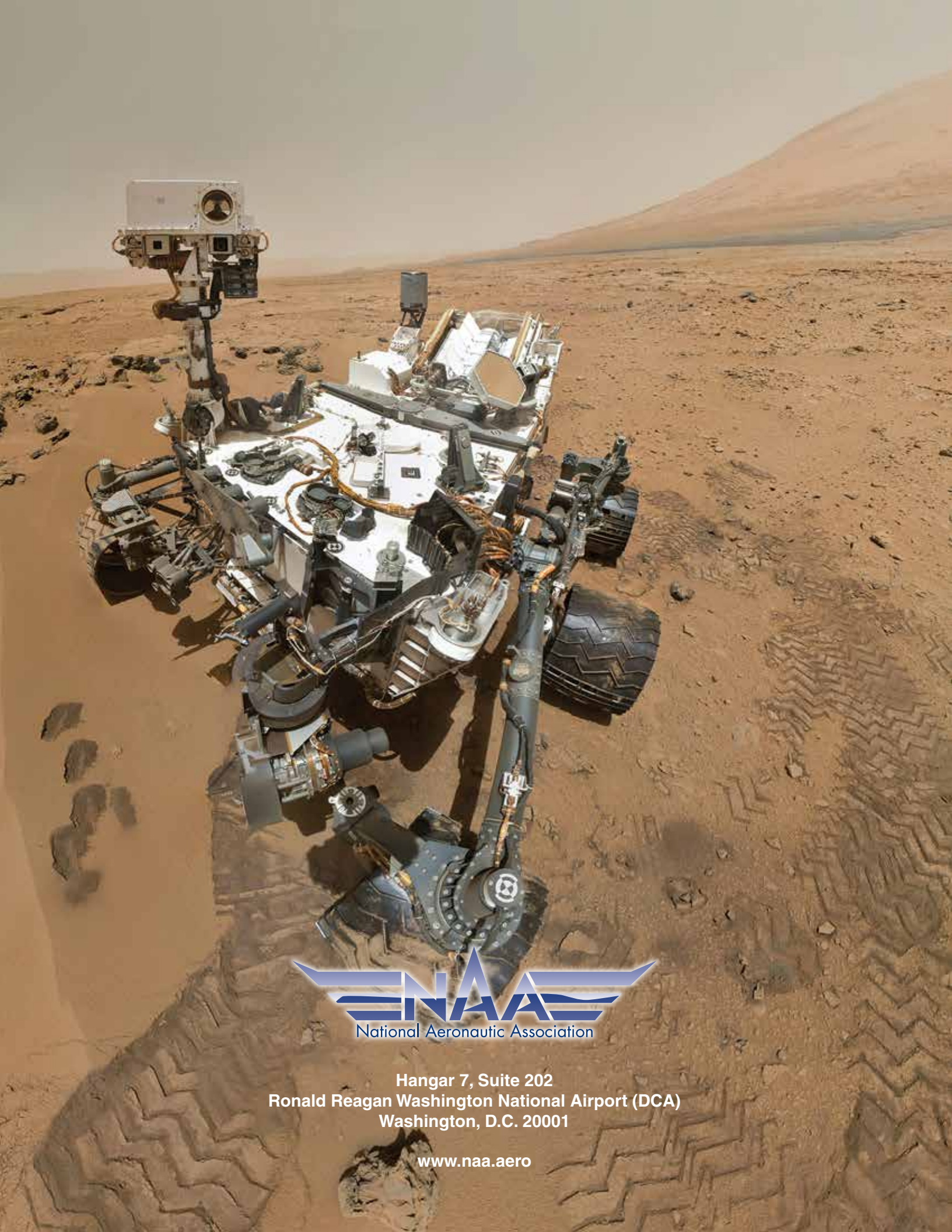
Aerospace Industries Association  
 Air Care Alliance  
 Aircraft Owners and Pilots Association  
 Airlines for America  
 American Institute of Aeronautics and Astronautics  
 Embry-Riddle Aeronautical University  
 National Air Transportation Association  
 National Association of State Aviation Officials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

### 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

## 2013/2014 Financial Information

	<b>2013 BUDGET</b>	<b>ACTUALS</b>		<b>2014 BUDGET</b>
<i>Corporate Dues</i>	\$370,000.00	\$370,000.00	<i>Corporate Dues</i>	\$370,000.00
<i>Air Sport Dues</i>	\$115,198.00	\$111,895.22	<i>Air Sport Dues</i>	\$115,198.00
<i>Individual Dues</i>	\$30,500.00	\$35,124.00	<i>Individual Dues</i>	\$33,000.00
<i>Affiliate Dues</i>	\$22,000.00	\$18,100.00	<i>Affiliate Dues</i>	\$20,000.00
<i>Aero Club Dues</i>	\$9,900.00	\$7,900.00	<i>Aero Club Dues</i>	\$8,900.00
<i>Record Fees</i>	\$75,000.00	\$147,342.50	<i>Record Fees</i>	\$80,000.00
<i>Sales</i>	\$17,300.00	\$84,696.01	<i>Sales</i>	\$18,000.00
<i>Events</i>	\$190,850.00	\$201,737.60	<i>Events</i>	\$160,850.00
<i>Miscellaneous</i>	\$9,500.00	\$19,099.28	<i>Miscellaneous</i>	\$11,700.00
<b>TOTAL</b>	<b>\$840,248.00</b>	<b>\$995,894.61</b>	<b>TOTAL</b>	<b>\$816,798.00</b>
<i>Salary/Benefits</i>	\$323,133.00	\$359,048.63	<i>Salary/Benefits</i>	\$377,882.00
<i>Contract Services</i>	\$64,765.00	\$63,556.13	<i>Contract Services</i>	\$28,000.00
<i>Building/Equipment</i>	\$46,175.20	\$53,699.28	<i>Building/Equipment</i>	\$45,124.00
<i>FAI Dues</i>	\$112,833.00	\$114,579.03	<i>FAI Dues</i>	\$114,000.00
<i>Membership</i>	\$20,700.00	\$14,451.79	<i>Membership</i>	\$18,000.00
<i>Travel</i>	\$20,000.00	\$30,304.90	<i>Travel</i>	\$30,000.00
<i>Events</i>	\$149,400.00	\$120,151.35	<i>Events</i>	\$125,000.00
<i>Miscellaneous</i>	\$80,220.00	\$88,079.97	<i>Miscellaneous</i>	\$67,550.00
<i>Publishing</i>	\$21,600.00	\$14,400.00	<i>Publishing</i>	\$1,000.00
<b>TOTAL</b>	<b>\$838,826.20</b>	<b>\$858,271.08</b>	<b>TOTAL</b>	<b>\$806,556.00</b>
<b>+/-</b>	<b>\$2,102.00</b>	<b>\$137,623.53</b>	<b>+/-</b>	<b>\$10,242.00</b>



Hangar 7, Suite 202  
Ronald Reagan Washington National Airport (DCA)  
Washington, D.C. 20001

[www.naa.aero](http://www.naa.aero)