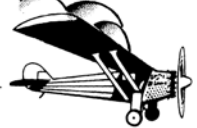


The Charles A. and Anne Morrow

LINDBERGH • FOUNDATION

N • E • W • S • L • E • T • T • E • R



Dear Friends,

November/December 2010

The holidays are a wonderful time for stories. I am especially fond of stories about our heritage, culture, traditions, loved ones, and days gone by.

Many people know the story of my father’s historic flight in the *Spirit of St. Louis* from New York to Paris in 1927. But few know that his passion for the environment began during his boyhood growing up on a farm in Central Minnesota and continued throughout his life.

As a boy, my father spent his summers, and one winter, on the family farm in Little Falls, which had been chosen by his father for its beauty. It was on the banks of the upper Mississippi River, with a creek running through it, and a variety of trees all around. My father loved swimming in the river, working the farm, and being outdoors. He remembered sleeping on a cot on the screened porch overlooking the river. He slept there all summer and in the harsh Minnesota winter, too! He wrote, *“There I was in close contact with sun, wind, rain and stars.”*

As early aviators, my parents enjoyed a perspective of the earth few others had ever experienced. My father credited the 48-state Guggenheim tour in the *Spirit of St. Louis* in 1927, just after his famous flight to Paris, for helping him to know his country in a way that no man had ever known it before. This trip was followed by pioneering trips with my mother to Greenland, Europe, the Orient, Africa, and South America, which enabled them both to see, and appreciate, the beauty of the view from the air.

Over the years, however, they began to see changes in the landscape beneath their wings, changes my father described in *Autobiography of Values*. *“Trees disappeared from mountains and valleys. Erosion turned clear rivers yellow. Power lines and highways stretched out beyond horizons. ... I became so alarmed that I decided to take some personal action.”*

By the 1960s, my father had become an ambassador for the environment. He worked to protect whales, tortoises, and many other endangered species. He was instrumental in establishing Voyageurs National Park in Minnesota. He joined the boards of directors of highly respected environmental organizations and supported these organizations financially. He wrote countless letters to congress and businesses on behalf of the environment, and wrote articles for “Life,” “Reader’s Digest,” and others. In a 1967 article entitled, “The Wisdom of Wildness,” my father wrote, *“the human future depends on our ability to combine the knowledge of science with the wisdom of wildness.”*

These words are the principles upon which the Lindbergh Foundation was founded. In all that we do – through our grants, awards, and educational programs – **our mission is to encourage solutions, acknowledge progress and communicate ideas related to my parents’ belief in this delicate balance.** The Lindbergh Foundation is the only organization charged with fulfilling my parents’ legacy.

Over the past 33 years, the Foundation has honored nearly 50 people and corporations with awards for their dedication to balancing nature and scientific innovation. We have funded hundreds of grant projects addressing such important topics as: reducing jet fuel consumption, protecting wildlife, developing new sources of energy, teaching sustainable farming practices, improving water quality, and so much more. We are also working hard to educate people about this concept of “balance” through educational forums, our web site and newsletters. We want to do more.

In the 1960s, my father took personal action on behalf of the environment. Today, I’m asking you to take action as well, by supporting the Lindbergh Foundation with a tax-deductible year-end gift. I believe wholeheartedly in the mission of Lindbergh Foundation. I believe my parents would be enormously proud of all this organization has achieved and will achieve, with your help. Together we can make great progress in combining the knowledge of science with the wisdom of wildness for generations to come.

With my very best wishes and many blessings for the holiday season,

Reeve Lindbergh
Reeve Lindbergh
Honorary Chairman



P.S. In 1992, I wrote a poem entitled, “View from the Air.” The book features photographs taken by a dear friend, a professional photographer, during my father’s last flights as a pilot. The Lindbergh Foundation has a very few hard cover copies of this book, which I will be happy to sign for anyone making a contribution of \$500 or more this holiday season.

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Letter from the Chairman

Dear Friends,



Reflecting on the many accomplishments, and challenges, of the past year, I'm extremely grateful to all the people who have worked so hard to help us achieve our goals and who have supported the Foundation during some of our most difficult economic times.

I'd like to thank our outstanding Board of Directors and staff for their dedication and commitment to the mission of the Foundation. Without their support, many of our accomplishments this year would not have been possible.

Among our most significant achievements was our Lindbergh Award Celebration at Sun 'n Fun. Awardees, Jack Pelton of Cessna, and FedEx, were superb and their messages resonated extremely well with our mission and to the audience. We are grateful for the work they do and their commitment to the environment. I am also thankful that we have entered into a partnership with Sun 'n Fun, who will be hosting our 2011 Lindbergh Award Celebration. Be sure to mark your calendars for March 30, 2011, and join us for what we believe will be another "must attend" event.

Other 2010 achievements included:

- The first-ever Lindbergh Foundation Day at Sun 'n Fun.
- The Husky airplane donated to the Kenya Wildlife Service is being used successfully for the protection of wildlife (see page 3),
- Partnering with Wings Over The Rockies Air & Space Museum in Denver to build an awareness for how aviation sustains the balances between man, wildlife, energy and the environment, and

- A special forum during AOPA entitled, "Aviation, the Environment, and the Future." (See page 5.)

We had an outstanding annual meeting in Connecticut this year, hosted by long-time board member Judith Schiff. In addition to the business matters we accomplished, Judy treated us to a brief history of Yale University, and a precious glimpse of some of the Lindbergh papers housed at Yale, which she oversees as the Chief Research Archivist. I thank Judy, on behalf of the entire board and staff, for a most memorable and special occasion.

I would also like to extend my personal thanks to the many Balance and Technical Review Panel volunteers who have donated more than 500 hours supporting our Grants program this past year. The integrity and prestige of this program is largely dependent upon the expertise of these exceptional volunteers.

Our message of balancing technology and the environment, especially as it relates to aviation, is resonating. We are planning another Lindbergh Foundation Day at Sun 'n Fun, and are looking forward to offering more programs and events for Foundation Associates to participate in next year.

We know 2011 will continue to be difficult for us financially. But, we are working hard to develop relationships with partners who will support the Foundation's initiatives. I remain committed to the work we do to improve the world in which we live. I hope you will renew your support for the Lindbergh Foundation.

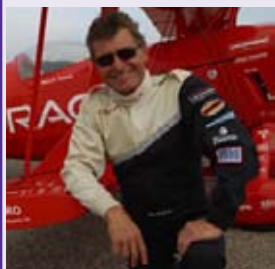
Sincerely,

Save • the • Date
for the
2011
Lindbergh Award
Celebration

MARCH 2011						
SUN	MON	TUES	WED	THURS	FR	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

LF Welcomes Two New Board Members

Two of aviation's best known names, air show ace **Sean D. Tucker** and aircraft collection icon **Kermit Weeks** have joined the board of the Lindbergh Foundation. Both say they were drawn to the Foundation by its substantial programs within the aviation community to further Charles and Anne Lindbergh's strong interest in applying technology to solve environmental problems.



Sean Tucker has been flying airshows world-wide since the mid-70's and has won numerous aerobatic competitions. He has flown more than 1000 performances at more than 425 airshows, in front of more than 80 million fans. Expanding on his love of flying, Tucker created the Tutima Academy of Aviation Safety, a world-class flight training institution dedicated to setting and spreading the standard for aviation safety in aerobatics and aviation at large. The Academy's courses, including stall/spin recognition and recovery training, aerobatic proficiency training, a low-level aerobatic mentorship program, and formation aerobatic flight training, can be found nowhere else in the world. He has received all of the airshow industry's highest honors, and has been inducted into the National Aviation Hall of Fame. He continues to passionately develop the art form of Sky Dancing through an exploration of formation aerobatics and the Collaborators Formation Aerobatic Team.

Husky Continues to Help KWS

Husky, 5Y-KWL continues to be a vital part of wildlife conservation efforts for the Kenya Wildlife Service. In a report covering the period from April to September, the aircraft, donated through the Lindbergh Foundation last year, flew 287 hours and almost entirely in the eastern conservation area. About 70% of the total flight time is used for wildlife protection, with the remaining usage going to support research activities, administration and veterinary services. Since it arrived, the Husky has flown a total of 426 hours.

The KWS uses additional technology in the form of GPS units and VHF radios to guide ground teams, map the movement of animals, move supplies to aid in the logistics of deploying patrol teams, provide park administrators with a good view of the status of protected areas, and assist veterinarians in tracking injured or sick animals.

This spring and summer, the Husky was used to:

- Monitor rhinos and elephants. Several rhino calves have been spotted.
- Help discourage activities of armed gangs near protected wildlife areas.

- Establish the concentration of elephants in Isiolo district, a non-protected area.
- Guide a ground team to a suspicious vehicle sighted deep in uninhabited rangeland, where illegal immigrants were discovered. No illegal activities were noted in Meru and Kora national parks.
- Monitor rhinos and elephants. Many elephants are outside protected areas of Meru National Park and security teams must be constantly redeployed. Armed gangs were observed in the Shaba National Reserve. Two elephants were lost due to poaching.
- Assess growing livestock influx in Kora National Park and Bisandadi Reserve.
- Observe that logging and charcoal burning was getting out of hand
- Locate illegally grazing herds, and coordinate ground teams and equipment through frequent bush fires.



Threats to elephants and rhinos in Kenya continue to be very real. Having an "eye in the sky" helps the Kenya Wildlife Service secure huge areas, even with limited personnel, and enables them to deploy and respond in an almost real-time manner.



Kermit Weeks has been involved in aviation since his childhood and his enthusiasm for furthering public interest in aviation has never stopped growing. A skilled aerobatics competitor and aircraft designer, Weeks has earned acclaim both for his accomplishments in the air, as an aviator, and on the ground for his technical ability to build aircraft and his promotion of aviation and vintage aircraft restoration. Over a dozen years, he placed in the top three in the world five times and won a total of 20 medals in World Aerobatics Championship competition. He has twice won the United States National Aerobatics Championship and has won several Invitational Masters Championships in different worldwide competitions. Weeks's aviation interests expanded to include the acquisition, restoration and preservation of antique aircraft. As his personal collection expanded, he began acquiring a 300-acre site near Polk City, Fla., for an aviation-themed attraction called Fantasy of Flight. Fantasy of Flight allows the public to see part of the world's largest privately held vintage aircraft collection and show.

Honor Roll: July 1 - Nov. 12, 2010

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The Laura Jane Musser Fund,
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Gregory and Deirdre Griffin*, Westport, CT

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Catherine Von Seggern*, Philadelphia, PA

**In honor of Bryce Baxter's birthday*

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EPPS Aviation, Atlanta, GA

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Leonard and Margaret Burke, Newport

Beach, CA, *In memory of Roger Anwood*

William E. Clegg, Jr., West Ossipee,

NH, *In memory of John Hanson*

John A. Feagin, Vail, CO

In memory of Dr. Richard Jugden

Mr. and Mrs. Harlan L. Gurney, Lompoc, CA

In memory of Harland A. "Bud" Gurney

D. R. Stull, USAAF, San Diego, CA

In memory of Marie L. Stull, USN, WWII

HONOR GIFTS

Kristina Lindbergh and Robert Conte,

Yorktown Heights, NY, *In honor of*

Margaret Constance Eiluned Morgan

George Parker-Jervis, London, UK,

In honor of Margaret Constance Eiluned

Morgan

James A. Sandfort, Ballwin, MO, *In honor*

of Reeve Lindbergh

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In the News

8-Year-Old Donates Birthday Money to the Lindbergh Foundation to Help Save Elephants

Bryce Baxter, a seven-year-old animal lover from Westport, CT, had been telling his mother that he wanted to save the elephants ever since a visit to the Denver Zoo last year. He was disappointed that there were no elephants on view at the zoo, and he read that the species is endangered. According to the *Westport Patch*, the Bronx Zoo, frequently visited by the Baxter family, also plans to phase out their elephant exhibit by not replacing elephants after their natural life.

Bryce's mother contacted Mr. Ken Bernhard, a local attorney, when she heard about a talk that he had given at a Rotary Club meeting during which he detailed his recent trip to Kenya and his involvement in an undercover sting operation that led to the arrest of a shop dealer for illegal possession of ivory. Mr. Bernhard suggested that contributions be made to the Lindbergh Foundation, which supports the

work of the Kenya Wildlife Service.

Instead of toys, Bryce asked his friends and family to bring checks payable to the Lindbergh Foundation to his birthday party. His 8th birthday yielded more than \$460. This is enough money to purchase approximately 255 liters of fuel, which should enable a KWS aircraft to fly missions for about 3 days.

Thank you Bryce, and Mr. Bernhard, for supporting elephants!

— *Ed. As you're thinking about holiday gift-giving, why not make a contribution to the Lindbergh Foundation in support of our programs in the name of your special friend or loved-one.*



Bryce Baxter and Ken Bernhard become kindred spirits for saving elephants.

Information for this article was obtained from, "Lawyer Goes Undercover in Africa's Ivory Market," by Nancy Burton, of the "Westport Patch."

Lindbergh Foundation Presents "Aviation, the Environment and The Future" During AOPA

The Lindbergh Foundation sponsored a special event during the AOPA Summit 2010 in Long Beach, Calif., on Nov. 12. The forum, dubbed, "Aviation, the Environment and the Future," provided attendees a quick, interesting taste of the leading edge of the future of general aviation.

"This hour-long session highlighted big changes that are in the pipeline at the intersection of aviation and the environment," said Lindbergh Foundation Chairman Larry Williams, President and CEO of BRS Aerospace. "This intersection is at the very core of the Lindbergh Foundation's desire to encourage solutions, acknowledge progress and communicate ideas that affect general aviation."

The event included six, 10-minute-long presentations that gave those in attendance a rapid but substantive look at:

- Advances in alternative bio-fuel for use in GA aircraft,
- Cessna's electric airplane program,
- Fuel cell and drag reduction initiatives,
- New diesel engine options,

- Company-wide environmental program at Cessna, and
- Stage-setting general future trends that will shape the coming environment.

"The relationship between technology and our environment is one of the most important issues facing aviation, and in fact, all humankind," said John King, co-chairman of King Schools and director on the Lindbergh Foundation's Board. "For our own good and the good of society, we in the aviation industry must exercise leadership and steer the dialog and action toward a more productive approach."

The Lindbergh Foundation's Aviation Green Investment Program™ is a forward-looking, multi-faceted effort that targets the aviation community. It encourages innovative solutions through providing research grants and facilitating significant industry initiatives, acknowledges the progress of those who have made substantial contributions through its annual awards, and communicates new and important ideas through its education programs.



You can support the Lindbergh Foundation through its Aviation Green Investment Program. Visit our web site at www.lindberghfoundation.org for more information.



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soybean-based ink.*

Innovative Research with a Promising Future



Stephanie Mixson's research into "*Conserving Energy and Freshwater by Harnessing Saltwater Algae as a Biofuel Source*" is particularly exciting because her project is focusing on **saltwater** rather than freshwater algae, and being able to use existing coastal refineries to create a "drop-in" replacement for oil. Mixson added that, "One of the primary goals of this project is to produce **aviation** biofuels using microalgae."

Furthermore, the resulting product is expected to meet specifications for Jet A-1 and JP-8 fuels.

John King, co-chairman of King Schools, Inc., and board member of the Lindbergh Foundation, said, "To continue to be viable, the aviation industry must solve the problem of carbon emissions. The work Ms. Mixson is conducting, with support from the Lindbergh Foundation, offers one of the best hopes for a solution to this critical problem."

Dr. William Roberts, Professor of Mechanical and Aerospace Engineering at North Carolina State University, explained that the emissions from this fuel would not add greenhouse gases to the atmosphere because the feedstocks pull carbon dioxide out of the atmosphere to grow (i.e., the carbon is non-anthropogenic), and by emitting less particulate matter, the radiation

balance is affected in a positive way. "Microalgae is probably 7 – 10 years away from being commercially viable, and other oil crops, such as camelina or jatropha, could be ready in as little as 3 years at the scale of 10 million gallons per year using our process, with aggressive funding," said Dr. Roberts.

The best news is that competitive pricing, similar to petroleum at approximately \$2.50 per gallon, is planned.

This project is very important because oil and freshwater are two of the most important natural resources supporting our civilization. Worldwide, there are already freshwater shortages and no substitutes for most freshwater uses such as agriculture, manufacturing, and safeguarding human health. Furthermore, freshwater is being used to make fuel. With petroleum-based fuels being rapidly depleted, scientists are turning to renewable biofuels. However, most attention has been on **freshwater** microalgae, which further drains freshwater resources.

This is what the Lindbergh Foundation's concept of "Balance" is all about. Using science and innovation to tackle real-world problems that affect our environment and quality of life.