



## Annual Report 2016









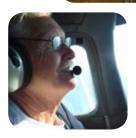
2016



542 Hearts & Minds Flown







**1,103** Donated Flight Hours













284 Awesome Pilots





\$418,945 Total Volunteer Pilot In-Kind Contribution

Credits (left to right, top to bottom:) Jerry Clark, James Kelly, Cory West, Daniel Ellingwood, Bryan Bedrosain, Phil Fischer, Tom Stienstra, Chris Boyer, Karen Perry, Julie Ball, Tim Peterson, Voortex Productions, Eric Ian, Will Worthington.

Dawn shines on the Grace Furnace tract, a project area of the Open Space Institute, north of Roanoke, Virginia. Photo: Neil Jordan / Open Space Institute / LightHawk It's not what you look at that matters. It's what you see."
- Henry David Thoreau

# We fly to save the Earth.

Beautiful things are worth saving. We know that once people truly see the majesty of our planet, they'll fight to protect it.

By removing the shackles of gravity, our carefully-crafted flights help people attain a higher perspective of conservation, find a deeper understanding of the natural world and reframe their role within it.



# What We Protect

We ensure each flight has a distinct conservation outcome that fits into our bigger picture - called our Conservation Initiatives. These are five areas where aviation can create the biggest positive change for the environment.



# How We Create Change

As a partner-focused, nonpartisan organization, our flight campaigns provide a platform for seeing the truth below. Passengers see the impact humans have on the environment and feel a renewed responsibility to our natural world. Here's how we do it.



Our work begins with your support.



## Outreach

We search for partners doing great work.



**Evaluate** We educate on how

We educate on how flight can help them.



Partner

We create partnerships with them.



Recruit

We find the most qualified pilots.



We carefully craft effective flight campaigns.



Assign

We match the right pilot with the right flight.



Coordinate

We plan every detail of each mission.

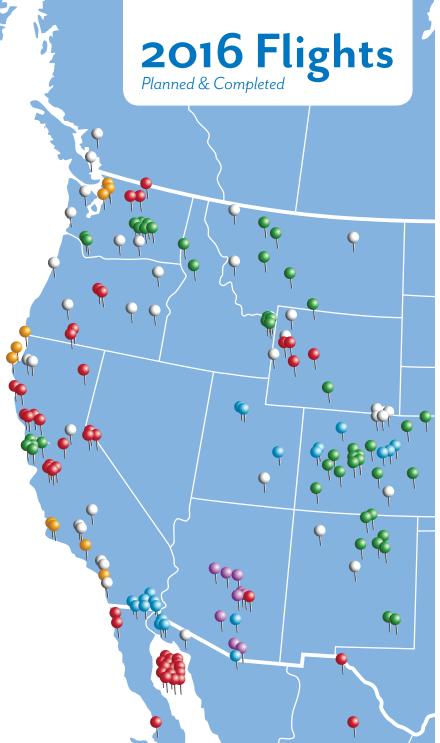


We create an enlightening aviation experience.



## Results

Our extensive work prior to each flight ensures that each mission results in measurable immediate and long-term conservation outcomes.



\* Not shown:

- 1 Alaska flight
- 4 Yukon flights

Conserving Landscapes
 Protecting Oceans & Coastlines
 Ensuring Species Survival
 Safeguarding Rivers
 Guiding Smart Growth

999

Flights of Opportunity \*Exploratory flights for new projects or partners



# **Conserving Landscapes**

Healthy landscapes are crucial to our well-being and nature's ability to thrive.

We fly to conserve critical and sensitive landscapes, their ecosystems and the wildlife that call them home. We address threats that would cause damage, advocate for science-based land management, and seek to increase the amount of public and private land conserved to be enjoyed by future generations.

## **Flagship Projects**

Heart of the Rockies

## Funders

- Smart Family Foundation
- Cedar Tree Foundation

# **Protecting a Climate Change Ally**

## The future is in the forests.

Forests are critical to our health and wellbeing. But forest cover across New England steadily declines each day as development and unsustainable forestry practices take a bite. More than 100,000 acres will be buzz-sawed for urban uses each year over the next three decades, reports say.

Forests conserved at the landscape level safeguard wildlife and the ecosystem, as well as human health with pure water, clean air and recreation. Forests are also a key ally in fighting the effects of climate change.

Those benefits, however, are sometimes at odds with the region's growth and the \$5 billion timber industry. Along with our partners, LightHawk is elevating the discussion in hopes of balancing a critical source of economy with an essential source of health for residents of one of America's fastest growing megaregions.



New England Forestry Foundation staff said the aerial perspective was "incredibly valuable" to put the conservation project in perspective with the larger landscape. Photo: Jonathan Milne / LightHawk

But tapping the full potential of forests is only possible by first ensuring they remain forests, unfragmented by development. In that quest, we partnered with the New England Forestry Foundation in western Maine on a series of flights to survey 10,000 acres, to orient their staff, and educate board members.

LightHawk flights were "crucial to inspiring the board to approve these projects," allowing NEFF staff to secure funding to place the area under conservation easement, said Charlie Reinertsen, NEFF's communications manager.

"Walking the property, it is hard to get the full context of the landscape and the land-use history, including past harvests and existing roads or trails," Reinertsen said. "This in-the-air view of the property was incredibly valuable because it was able to put the properties in the context of the greater landscape."

We plan to expand our work across Western Maine in hopes of conserving even more critical forest habitat.



# **Protecting Oceans & Coasts**

Thriving oceans and coastlines are home to incredible life and provide a bounty of food and wellness for humans.

We fly to protect our sensitive coastlines, estuaries, oceans and sea life. We monitor the health of marine protected areas, work to increase safeguards, show the potential impacts of climate change, and shine a light on pollution or other damage to these life-sustaining areas.

## **Flagship Projects**

• Marine Protected Areas

## Funders

- Resources Legacy Fund
- The Campbell Foundation

# Empowering Coastal Communities to Prepare for Climate Change

## Seeing is believing.

It's hard to show people the potential of how climate change will impact their daily lives.

But for the millions who make their home and livelihood on our nation's shores, the world's largest environmental threat is becoming real faster than ever with sea levels anticipated to rise up to three feet in the next 50 to 100 years.

LightHawk has flown 12 missions since 2014 to photograph king tides along the Pacific coast. These tides — the highest of the year when the sun, moon and Earth are aligned — can show us what our normal future tides may become.

These elevated water levels provide a snapshot of what's at risk — crippling damage to infrastructure such as roads, bridges, homes and utilities. Sea level rise will also impact the wetland and tidal area ecosystems our partners are charged with managing and protecting.



In addition to raising awareness about the effects of climate change, king tide flights provide a window into the future for land managers to see what the "new normal" for wetlands in their charge may look like with sea level rise. Photo: Robert Siegel / San Francisco Baykeeper / LightHawk

LightHawk flights help leaders understand how to prepare and adapt, spread the word, raise awareness and inform policy along coastal areas already under significant growth pressure.

"We learned a lot from our flights, including a better understanding of the efforts already underway to protect property from rising seas and the challenge we have ahead of us to ensure natural systems such as wetlands can adapt to rising sea levels," said Ray Hiemstra, Associate Director of Programs for Orange County Coastkeeper.

We will continue working with our partners to document the impacts of rising sea levels and to raise climate change awareness.

Islas de Todos Santos in Baja California provide crucial habitat for several marine birds, such as the red knot. The aerial perspective allows scientists to discover habitat and migration stops of these threatened birds. Photo: Abril Heredia / LightHawk

# **Ensuring Species Survival**

Protecting endangered animals from extinction is our enduring responsibility.

We fly to restore threatened and endangered species to sustainable populations. We allow scientists to gather data critical to their survival and support captive breeding programs.

## **Flagship Projects**

- California Condor Recovery
- Salmon

## Funders

- The David and Lucile Packard Foundation
- Beagle Charitable Foundation

# Safeguarding Imperiled Shorebirds and their Sensitive Habitat

#### The red knot is an extraordinary flier.

In the course of its life, it may migrate farther than the distance to the moon. But it cannot out-fly the threats along its path.

The red knot and similar shorebirds are showing the most drastic declines of any group of birds. Human disruption, habitat loss and degradation, and climate change are among the top threats that put these birds at extreme risk. Already, populations across the Americas have shrunk by an estimated 70 percent, forcing researchers to warn that without action, some species might go extinct.

We've worked closely to fly with partners and locate habitat of the threatened red knot, American oystercatcher and other sensitive species of shorebirds throughout the northwest Mexican coastline. The area is a geographically-crucial wintering and migration stop, hosting more than one million shorebirds from 31 species.

The best way to locate shorebird aggregations is through aerial surveys as many sites are not accessible by road, said Abril Heredia, graduate student with Dr. Eduardo Palacios of our partner Centro de Investigación Científica y de Educación Superior de Ensenada, B.C. (CICESE) Our work with CICESE allowed scientists to count enough birds on a particular island to confirm its importance as a stopover site. That discovery allows CICESE to advocate for new, elevated protections.

"Many of these species are very vulnerable to changes in habitat, so knowing the health of the ecosystem is critical to be able to establish conservation strategies in the short and long term. This information would not have been possible without the help of LightHawk," said Jonathan Vargas, a graduate student working with Dr. Palacios at CICESE.

We will continue empowering scientists and helping decision makers understand and identify threats to shorebird habitat.

Populations of shorebirds, like the red knot shown above, are declining faster than any other group of birds. Although they are prolific fliers, these birds can't out-fly the threats that meet them on their migration routes such as human development and habitat loss. LightHawk flights identify habitat and help advocates stop threats. Photo: USFWS





# Safeguarding Rivers

Rivers and wetlands form a network of life that flows through our lands and communities.

We fly to keep those waters and their natural ecosystems healthy, and keep human communities thriving. We work to restore altered river systems to their native states, protect them from pollution, sedimentation and diversion, and safeguard the integrity of our drinking water.

## **Flagship Projects**

- Everglades
- Delaware River Watershed

## Funders

- The Batchelor Foundation, Inc.
- William Penn Foundation

# Restoring Clean Water to one of America's Most Burdened Rivers

### The Delaware River carries a heavy load.

Each drop of this river is reused 20 times. And while its footprint is less than one percent of the nation's land, it provides drinking water to five percent of the nation's population — more than 15 million people.

The burden, however, was once much heavier — the river ranked as one of America's most polluted rivers. But the Delaware has made a scrappy comeback.

LightHawk flies extensively in this area — some of the nation's most restrictive airspace — in hopes of easing the load the river has to bear. The view from above has illustrated this complex watershed, and spurred long-term action to improve water quality.

In the mountainous northern sections of the watershed, we focus on the land's ability to naturally and sustainably purify the whole watershed, working to increase forested buffers and create the conditions that allow wetlands to thrive.



A view looking down the Delaware Water Gap. LightHawk flies with our partners to inform science, and advocate for conditions that improve the quality of this critical drinking water resource for 15 million people. Photo: Christi Rokicki / The Land Conservancy of New Jersey

In the tidal south, we help inform science of the critical balance of fresh and saline waters. This balance impacts the health of wetlands and thus the river's overall health, and its resilience to respond to sea level rise caused by climate change.

Flight is a great tool to illustrate the importance of on-the-ground work, said Sherri Albrecht, board member of The Land Conservancy of New Jersey, a partner who works to protect watersheds throughout New Jersey.

"We've preserved a lot of land, but there is so much more to do," Albrecht said. "The low flyover perspective is the best way to observe this, and will be a valuable opportunity for fundraising and education so we can continue to accomplish our mission."

We will continue to build extensive flight campaigns within critical watershed.

LightHawk flights help partners in the Sun Corridor area navigate rapid growth in sensitive wildlife areas. We flew in support of this successful wildlife overpass north of Tucson with partners. Photo: Elizabeth Deupree/Coalition for Sonoran Desert Protection / LightHawk

# Guiding Smart Growth

Land use change is an unavoidable part of our society and future, yet it is our duty to do so in harmony with nature.

We fly to inform smart growth and minimize our impacts on the natural world. We assist community planners in gathering data, allowing them to see growth as they have never seen it before. We work to increase quality of life for citizens by helping them see the connection between their community and the natural world.

## **Flagship Projects**

Sun Corridor

## Funders

Nina Mason Pulliam
 Charitable Trust

# Balancing Rapid Growth with Delicate Desert Ecosystems

## It's not just elbow room — it's a matter of survival.

Arizona's Sun Corridor will double in population by 2040. One of America's fastest growing areas is also one of its most environmentally-sensitive, increasing pressure on a North American gem – the Sonoran Desert.

The area has some of the greatest diversity of life of any North American desert and a landscape diversity rivaling all others. Smart growth is a life and death matter with wildlife and humanity sharing an arid, diverse and interconnected landscape.

LightHawk has worked extensively with a partner, the Coalition for Sonoran Desert Protection, to ease the many ways people impact the landscape and its wildlife. LightHawk flights have saved staff days of work and hundreds of miles of driving, they say.



The aerial perspective helps partners in the Sun Corridor visualize growth, such as this development encroaching on Arizona's Catalina Mountains. Photo: Elizabeth Deupree/ Coalition for Sonoran Desert Protection

LightHawk also flew to support a new wildlife

overpass and underpass north of Tucson. Before the project, 255 road kills were reported in four months. Since opening in March 2016, more than 1,000 animals from 13 different species have safely used the crossings.

Flights captured footage, raised public support, empowered staff and engaged the Coalition's supporters like Elizabeth Deupree.

Deupree said her LightHawk flight was "instrumental for me to see the staggering encroachment of humans and housing developments in and so close to natural watershed areas and migratory paths." The flight inspired her to support a wildlife camera monitoring program and advocate for others to support the project as well.

"To start looking for funding and to raise three-fourths of our goal in a matter of two days has surpassed all expectation and we could not have done it without (LightHawk)," said Sarah Whelan, Coalition Program and Outreach Associate.

We will continue investing in this area to balance growth with conservation.

# **Flagship Projects & Partners**

Within each of our Conservation Initiatives we have established one or more Flagship Projects — thoughtfully-chosen areas and issues where we're committed to making an impact for years to come with hand-picked partners.

## Heart of the Rockies

We work to increase protected land, monitor easements, and illustrate to donors the importance of this place. Our flight campaigns here preserve wildlife corridors; protect clean water, agriculture and forests; and help create resilient communities.

#### 2016 Partners:

Heart of the Rockies Initiative
 Palouse Land Trust

## Marine Protected Areas

We educate decision makers, support efforts to make the seas safer for migrating whales, and build community support for these biological refuges. We support these areas which buoy productivity, boost sea life diversity, and embody the beauty of California's iconic coastline and offshore areas.

#### 2016 Partners:

The Bay Foundation

Northcoast Environmental Center

• Heal the Bay

## Everglades

We're helping guide restoration here, which is one of the largest conservation projects in history. Agricultural impacts have taken a toll on this delicate ecosystem. We provide documentation, education to decision makers and assist scientists in this difficult-to-access area.

### 2016 Partners:

- Everglades Foundation
- Audubon Florida

Conservancy of Southwest Florida

## **Colorado River**

We work to safeguard this artery of the West, a watershed that supports \$1.4 trillion in annual economic activity. Efforts currently focused on restoring water and life to this river's delta will soon be expanded to the whole river basin.

### 2016 Partners:

- Sonoran Institute
- Western Resource Advocates
  - Friends of the Yampa
- Rig to Flip
- The Nature Conservancy









## **Delaware River Watershed**

Over 15 million people rely on this watershed for drinking water. Educational and media flights convince key audiences to politically support and invest in wetland restoration, environmental threat mitigation and dam removal.

## 2016 Partners:

- The Nature Conservancy of NJ, PA, NY
- Pennsylvania Audubon

- Open Space Institute
- The Land Conservancy of New Jersey
- Delaware River Watershed Initiative

## California Condor Recovery

We work diligently to help this threatened bird recover from near extinction. We employ aerial telemetry to find condors in remote areas, transport birds and eggs for treatment and to rebuild populations.

### 2016 Partners:

- Pinnacles National Park
- Santa Barbara Zoo

## Salmon

We work to protect and restore Pacific salmon species to benefit forest ecosystems, communities and economies. Our flights inform science, empower outreach and create watershed-level protections.

## 2016 Partners:

- The Nature Conservancy
- Wild Salmon Center
- Upper Columbia Salmon Recovery Board

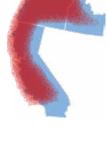
## Sun Corridor

We work to help guide smart growth in Southern Arizona, one of the fastest-developing regions in the nation. We help leaders understand this vast and populous region and collect imagery and data to inform agencies of the environmental and economic impacts of their decisions.

## 2016 Partners:

Sonoran Institute

Coalition for Sonoran Desert Protection







# **Pilot Awards**

Each year we present awards at our annual Fly-In to the best and most dedicated volunteer pilots. Although we highlight the efforts of these pilots, each LightHawk pilot is crucial to our success.



## Spirit of LightHawk Award

**Rick Koril** - A generous and dedicated volunteer, Rick personifies the spirit of LightHawk by representing the best qualities of our volunteer pilot corps.



## Bill and Betty Rockwell Award

*Lane Gormley* - Lane embodies the spirit of this award's namesake, Bill Rockwell (1919-2000), as a pilot always willing to go above and beyond.



## President's Award

*Will Worthington* - Will's dedication to LightHawk's mission shines through his contributions as a pilot, donor and board member.



## Rookie of the Year Award

**Sonny Lacey** - Sonny provided extensive aerial support and his willingness to negotiate passage in very restrictive airspace is a blessing for LightHawk.



## **Carpenter Award**

**Roy Lewallen** - Roy's willingness to fly the extra mile for LightHawk partners and their projects is remarkable. His generosity knows no bounds.



# **Our Volunteer Pilots**

David Acker Ken Adelman Gabrielle Adelman 15+ Jim Afinowich 📌 Bob Allen 📌 Steve Allsop Eric Anderson John Anson Paul Armstrong Jim Averett Dan Barley 📌 **Courtney Barnhorst** Michael Baum 👉 Greg Bedinger 15+ 👉 Rob Bender 👉 Milton Bennett 20+ Jon Berman Wendy Beye 20+

We are thankful for the dedication of all our volunteer pilots. Pilots listed here are active or standby as of June 1, 2017.

= Donated Flight
= Retired
+ = Years of Service
+ = Years of Service

Dan Birch 📌 Brent Blue **Blair Bouchier** Steve Bowser 📌 Chris Boyer 📌 Scott Brewster 📌 Bill Brine Ralph Britton 📌 Jason Brooks 📌 Phil Brown Steve Brown Tom Bryant James Buck Eileen Burger Greg Burnett Jim Cameron Jim Carlson Tony Carson 📌 Larry Cazier Linda Chism John Chlopek Scott Cianchette 📌 Tuck Colby David Cole Peter Coltman 20+ Dave Comarow 🗹 Wayne Connor 📌 Mike Conway Denise Corcoran

**Richard Costello** 

Chuck Crinnian Warren Dean 🗡 Matt Debski Edward DeCastro Claudette DeCourlev\* Thomas Dillon 🗡 Tim Drager 15+ Andy Dunigan Rick Durden 20+ 🎷 Joe DuRousseau 🎷 C. Rudy Engholm 20+ Jon Engle Dan Evans Bill Faulkner 📌 John Feagin Les Filler Dick Filson 🗡 Joe Fischetti **Dennis Fitzpatrick Charles Fligel** Eric Fogelin Larry Forney Ken Foster 📌 John French Jamie Gamble 🗡 Mark Gaponoff 📌 Bette Gardner Steven Garman 15+ Bernard Gateau Pete Geiler

Lee Gerstein 👉 Cliff Gill Bob Gill 20+ Bob Glorioso Reg Goodwin 20+ 🦈 Shane Gorman Lane Gormley 👉 Kelly Gottlieb 15+ Jim Grady 📌 Eric Grant Nev Grant Rich Greenawald Tom Haas Jeff Hamilton Hunter Handsfield Doug Harford 📌 Barry Harper 20+ David Harris Rusty Harrison 👉 Jack Hart Mike Hart 📌 Hal Havden 👉 Jeff Hazlett Pat Healy 🎷 Tim Hendricks Randy Henry\* Chuck Heywood 15+ 🎷 Jeff Hinkle Jerry Hoogerwerf 20+ Continued on Page 22 >

Richard Hoover\* 📌 Sue Hostler Jim Houser Joe Howley **Rick Hunt** Arthur Hussey III 15+ 👉 Steve Isom Richard Jacobs Mike Jesch 🗡 Dean Johnson Kirk Johnson 20+ Mel Jordan John Kamburoff Sid Karin Jerry Karlsberg 📌 Joe Keeton Chris Keithlev Bob Keller 20+ 📌 Steve Kent 📌 Alan Kinback 📌 John King Martha King Steve Knaebel\* Jim Knowles 👉 Rick Koril 📌 Alice Kottmver Dave Krahn David Kunkel 15+ 📌 Nathan Kurth Paul Kutler Hubert Lacev 📌 Fred Lagno Bob Lange 📌 Tim Lapage 15+ Andreas Lauschke 🗡 Tom LeCompte 📌 Michael Lee 15+ 👉 Rav Lee 15+ 👉 Ted Leenerts Rov Lewallen 👉 Garv Lickle 🗡 Rob Lober Brian Locascio Jack Long 👉 Allen Low 20+ Pavel Lukes

Douglas Lumgair Rvan Lunde Matt Machen Brian MacNamara 🗡 Jeanne MacPherson John Mahany Miguel Marin Dan Marks Carl Mattson 🎷 Paul Mattson 👉 Michael Maya Charles Mike McBride 20+ Bruce McLean 15+ 📌 Mike McNamara 15+ Mark Merrill Jack Merritt Wolfgang Meyn David Miller Doug Monger Tony Moradian Fred Moskol 👉 Wayne Munson 👉 Russ Munson David Murphy Arlene Myers 👉 Ken Newbury 👉 Janice Newman Bill Nicolai Jane Nicolai 20+ 👉 Pete Niewieroski 📌 Gerold Noves Geoff Nye 📌 David Osher Steve Parker Greg Paulin Carl Pesce\* Larry Petro Steve Phillabaum Ben Pierce 15+ John Plaza Geoff Pope 15+ 📌 Steve Powell John Prvor **Bill Psaledakis** Sandy Quillen

Ross Rice Jim Richards 👉 Pat Rilev Kevin Roache 20+ Steve Robbins Leon Robert Lisa Robertson 15+ Steve Robertson 15+ Jim Robinson Dick Rodgers 👉 Jane Rosevelt 20+ 🎷 Eric Ross Rob Ross Polly Ross 20+ Jimmy Roswell Bill Rush 👉 Mel Rushton George Ryan Scott Ryan Nathan Rydman 👉 John Sandvig 📌 Michael Schaffer Elmer Schettler 20+ Mike Schroeder Merry Schroeder 20+ Chuck Schroll 15+ Jerry Seckler Donna Shannon Ken Shapiro Bud Sittig 📌 Skip Slyfield 20+ Chris Snideman **Richard Spencer** Jochen Spengler Jay Steffenhagen 📌 Ed Steinman 15+ Bob Stoecker Eric Stoltz Dick Stone Jim Stover Joe Stringer Mike Sutton 15+ Larry Swanson 20+ **Bill Tarmey** Tim Taylor Bob Thomas 👉

Zach Thomas 👉 Dan Thompson Art Thompson 20+ Mac Tichenor Tom Tillman Tim Timmons Tim Toal 👉 Val Tollefson Lanny Tonning 🎷 Marijke Unger Mike Venturino 👉 Matt Verdieck Varlin Vissepo Phil Walker Dick Walker 20+ 👉 Charles Walling Keith Ward David Warner 👉 Terri Watson 20+ Jeffrev Weiss Pete Welles Stephanie Wells 📌 Randy Wells Corv West 📌 Mike White 👉 Pete White\* Gerry Whitley 📌 Jud Wickwire Rhon Williams 🗹 Steve Williams 🗡 Brian Williams John Wilson Brent Witters 20+ Will Worthington 📌 Chuck Yanke Scott Young Andy Young Mark Zaller

#### Flown West

Gene Steffen In memory

Please contact us at info@lighthawk.org to correct any inadvertent errors or omissions.

Montana's Madison River Valley where we help our partners preserve private land. Photo: Eric lan / MALT / LightHawk

## Thank You for Helping Us Soar

#### INDIVIDUAL DONORS, OUR GENEROUS FRIENDS

\$100,000 and Above Anonymous John and Adrienne Mars

#### \$25,000 to \$49,999

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# 66.

Our family believes in paying it forward ... giving back. We have a soft spot for animal transport. Someone has to help these little buggers out, and we support helping these animals in any way we can. We are thankful that ensuring species survival is one of LightHawk's top priorities."

- Chuck Yanke, volunteer pilot & supporter

#### \$250 to \$499

Kerry Albright Lisa Kunkel & Marcelo Asprilla James Atkinson Lyman B. Brainerd Allan Code Thomas R. Crum Joel Cutler & Lucinda Wegener John Darby Nancy Debevoise Ann W. Dittmar Emilie Ryan & Clayton Fraser Philip Garofalo Kelly & Michael Gottlieb Susan Hostler James Paul Houser, Jr. Tom LeCompte Roy Lewallen Don & Pamela Lichty Jason & Linda Lillegraven Dan Marks Christina & Douglas McVie Dan & Diane Meyer Peter & Nancy Mickelsen David & Patricia Miller Jane & Bill Nicolai Jay & Louise Noves Mary Kaye O'Neill Damon R. Phillips

Clif Purkiser Bruce Ray - Wild Hare Computer Systems Christine Sakach Stephanie Wells

#### \$100 to \$249

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#### Up to \$100

Anonymous Mercedes Agogino Edwin Ahrens Ethan & Alice Allen Jim Astin Jan & Steve Babits George & Joanne Barnes John R. Bentlev George & Anita Berlacher Lee James Best Jr. Wendy Ross Beve Richard & Bette Ann Bicknell Penny L. Blubaugh Gail Bohnhoff-Hlavacek & Bill Hlavacek Steven Brodie Joyce & Raymond Brown Eileen Burger Merry Camhi Jim Carlson Eileen J. Carney Stephen & Deborah Ann Carroll Margaret & Ron Claypool Juliana Cohen Del & Linda Coolidge Laura Cotts Mindi Crabb Lou Anna Denison Mark Easton Nan E. Elliot Jerry & Jeanne Fiorito Philip Fischer Ronald French Lvdia Garvey Sharon Gaskill Mark M. Giese Elaine R. Goldman Diane Gorski Peter & Caroline Guynn Thomas Hall

Our donors average 12 years of support to LightHawk, and a surprising number have given for 20, 30 years or more!

Robert & Sharon Handelsman Joyce Harris Richard Harris Judith Herzfeld Kirsten R. Holmquist Phillip Huffman



A LightHawk flight helped capture footage of critical salmon spawning habitat in the Pacific Northwest, allowing our partners to advocate for its continued conservation. Photo: Greg Mares / UCSRB / LightHawk

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#### **Other Supporters**

Josephine Nixon

#### Wings of LightHawk

These monthly donors provide reliable year-round support that keeps us soaring higher. Patti Carter Thomas R. Crum Bob & Rose Francella Hal & Cat Havden Christina Heinle Andy Lee Bev and Kathleen Pigeon Emilie Ryan & Clayton Fraser Brian Smith Christine Steele Lida Teneva Walter Tingle Terri Watson & Kimi Harrison William Whitley

#### Bequests

Catherine H. "Cat" Anderson (1923-2016)

## **Tribute Gifts**

- Scott Allen Barber In Honor Of Polly Ross
- Martin and MaryAnn Baumrind In Honor Of Will Worthington
- Laura and Arch Brown In Honor Of Montezuma Land Conservancy
- Jennifer Beadles In Honor Of David and Amy Carson
- Patti and Jim Carter In Honor of Ali and AJ Carter
- Allan Code In Honor Of Gerry Whitley
- John Darby In Honor Of Josh Marvil
- Nancy Debevoise In Honor of Tom Bell
- John A. Feagin In Honor Of Dr. Richard Sugden
- Kelly and Michael Gottlieb In Honor Of Enid and Louis Rogow
- Kelly and Michael Gottlieb

In Honor Of Wilma and Charles Mooney

- Stephen and Evelyn Knaebel In Honor of Chuck Schroll
- Stephen and Evelyn Knaebel In Honor Of Jane Nicolai
- Stephen and Evelyn Knaebel In Honor Of Gisele & Leila Knaebel
- Sergio Knaebel and Aneema Van Groenou In Honor Of Steve Knaebel
- Lisa Kunkel and Marcelo Asprilla In Honor Of David Kunkel
- Jonathan Milne In Honor Of All LightHawk Pilots
- Kristie Nelson In Honor Of Geoff Pope
- John and Pamela Olivas In Honor Of New Mexico Wilderness Alliance

## **Foundation Support**

- AmazonSmile Foundation
- Appleby Foundation
- Arete Foundation
- Beagle Charitable Foundation
- Benedict Family Foundation
- Bright Futures Philanthropic Fund
- Buehler Aviation Research Foundation, Inc.
- Cedar Tree Foundation
- EarthShare
- Eucalyptus Foundation
- Evolve Foundation
- · Foundation Beyond Belief
- John and Elaine French Family Foundation
- EarthShare
- Hamill Family Foundation
- Kingfisher Fund
- Marisla Foundation
- Nina Mason Pulliam

Charitable Trust

- Norcross Wildlife Foundation
- P.E.A.C.E. Awareness Foundation
- Resources Legacy Fund
- Smart Family Foundation
- The Allan Silverstein Family Foundation
- The Batchelor Foundation, Inc.
- The Campbell Foundation
- The Curtis and Edith Munson Foundation
- The David and Lucile Packard Foundation
- The Eucalyptus Foundation
- The Fanwood Foundation
- The GE Foundation Matching Gifts Program
- The Good Works Foundation
- The Wildlife Forever Fund
- Tinker Foundation

- Robert and Janet Quinn In Honor Of Bob Keller
- Helen Shoup In Honor Of Jen Peil
- Brian Smith In Honor of Thomas & Ferne Smith
- Lida Teneva In Honor Of Michael Sutton
- James Thompson In Honor Of Steve Knaebel
- Page and Gail Williamson In Honor Of Chris Boyer

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I have decided to make a monthly contribution to LightHawk because they provide people with a new way to see our environment, from above. It is a profound, visceral experience flying above ecosystems, and LightHawk gives people a new way to fall in love with wildlife and wild places, a new very effective way to inspire conservation of nature."

-Lida Teneva, LightHawk Donor

- WELWE Foundation
- Western Resource Advocates
- William B. Wiener, Jr. Foundation
- William H. and Mattie Wattis Harris Foundation
- William Penn Foundation
- Wyncote Foundation Northwest

# Corporate Support

- Anonymous
- Aircraft Owners and Pilots Association
- Alaska Airlines
- · American Bonanza Society
- · Baja Bush Pilots
- B-Kool Portable Cooling Systems
- Conklin & de Decker Associates, Inc.
- ForeFlight
- Google, Inc.
- Helicopter Association International
- King Air Magazine
- · National Association of Flight Instructors
- National Business Aviation Association
- Pilatus Owners and Pilots Association
- Salesforce Foundation
- Spitfire Strategies
- Steve Knaebel Executive Coaching
- Trade-A-Plane

Instituto de Ecología - UNAM

The Nature Conservancy - Wisconsin

J Henry Fair, Photographer

Sonoran Institute

## Financially-Supportive Partners

#### THESE CONSERVATION PARTNERS SUPPORT OUR MISSION FINANCIALLY

- Colo. Cattlemen's Agricultural Land Trust
- Colorado Open Lands .
- Columbia Land Conservancy
- Evansville Zoological Society

# **Our Legacy Society**

#### FUTURE GIFTS TO LEAVE OUR WORLD A BETTER PLACE

LightHawk's Legacy Society honors those who have decided to make the world a better place through a future gift to LightHawk in their will or by other means.

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- Greg Bedinger & Jan Mulder •
- Chris Bover .
- Robert & Susan Crenshaw
- C. Rudy & Grace Engholm
- Bob Francella

- Jeff Hamilton
- James & Louise Noyes .
  - Ginny Paul
- Lisa & Steve Robertson •
  - Polly Ross

- Beverly Steveson
- Terri Watson
- Brian Williams

\* Setting up a future gift is easier than you might think. Gifts made through wills, life insurance, real estate, bank accounts, personal property, appreciated securities or retirement plans are just a few examples. Many friends choose to make annual and planned gifts from Donor Advised Funds. To learn more, or if you would like to add your name to this list, please visit lighthawk.org/legacy.

# Board & Staff Who Served in 2016

#### BOARD

Barry Baker, Ph.D, Tuck Colby, Russ Cowart, Norissa Giangola, Maria Jose Gonzalez, Aaron Hirsh, Ph.D, Hal Hayden, Steve Knaebel, David Kunkel, Josh Marvil, Bud Sittig, Phil Walker, Stephanie Wells, Will Worthington

#### STAFF

Greg Bedinger, Ryan Boggs, Patti Carter, Bob Francella, Michael Kontos, Erin Lord, Jonathan Milne, Lee Pagni, Bev Gabe Pigeon, Emilie Ryan, Tara Rowe, Brian Smith, Christine Steele, Yendra Tencza, Armando Ubeda, Terri Watson

## **Our Conservation Partners**

- Alliance for the Chesapeake Bay
- Audubon Pennsylvania
- Audubon's Corkscrew Swamp Sanctuary
- Barbary Coast Productions
- Black Canyon Regional Land Trust
- Carlton Ward Photography
- Central Colorado Conservancy
- Centro de Investigación Científica y de Educación Superior de Ensenada, B.C.
- Cheyenne Mountain Zoo
- Choptank Riverkeeper
- Coalition for Sonoran Desert
   Protection
- Coalition for the Deschutes
- Colorado Cattlemen's Agricultural Land Trust
- Colorado Open Lands
- Columbia Land Conservancy
- Columbia Land Trust
- Columbia Riverkeeper
- Community Risk Network
- Conservancy of Southwest Florida
- Conservation Law Foundation
- Conservation Law Foundation
   Maine
- Conservation Northwest
- Cornell Lab of Ornithology
- Crested Butte Land Trust
- Delaware Riverkeeper Network
- Everglades Foundation
- Forterra
- FracTracker
- Friends of Great Salt Lake
- Friends of the Bitterroot
- Friends of the Clearwater
- Friends of the Yampa
- Grand Canyon Trust
- Greater Farallones Association
- Greater Farallones National Marine Sanctuary
- Greater Hells Canyon Council
- Greater Hells Canyon Council
- Heart of the Rockies Initiative
- Humboldt State University
- Instituto de Ecología
- Interior Alaska Land Trust
- International League of Conservation Photographers
- J Henry Fair, Photographer
- James Hawkings, Biologist
- Jesica Johnston, Environmental

Scientist

- Lenz Photography
- Leslie Lagier, Filmmaker
- Los Padres ForestWatch
- Lower Columbia Estuary
   Partnership
- Maine Appalachian Trail Land
  Trust
- Maine Lakes Society
- Medomak Valley Land Trust
- Mexican Fund for the Conservation of Nature (FMCN)
- Mexican Wolf Species Survival
   Plan
- Mono Lake Committee
- Montana Association of Land Trusts
- Montana Wilderness Association
- Montezuma Land Conservancy
- National Park Service, Chaco Cultural National Historical Park
- Natural Resources Council of Maine
- New England Forestry
   Foundation
- New Mexico Wilderness Alliance
- NMFS Protected Resources Division
- North American Land Trust
- Northcoast Environmental Center
- Oakland Zoo
- Ocean Defenders Alliance
- Oceana
- OCEARCH
- Open Space Institute
- Orange County Coastkeeper
- Orange County Land Trust
- Oregon Zoo

Studies

Trust

Resource Media

Rig to Flip

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- Palouse Land Trust
- Pinnacles National ParkPoint Blue ConservationPronatura Noroeste

Provincetown Center for Coastal

· Rio Grande Headwaters Land

San Francisco Baykeeper

Skagit Watershed Council

Santa Barbara Zoo

Sempervirens Fund

Sonoran Institute

Save The Bay

Sierra Club

Point Blue Conservation Science • USDA Forest Service

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- Weantinoge Heritage Land Trust, Inc.
- Western Rivers Conservancy
- Wild Lens, Inc
- Wildlands Restoration Volunteers
- Wildlife Conservation Society
- Will Goldenberg, Cinematographer
- Woods Hole Oceanographic Institution
- Wyoming Stock Growers Land
  Trust
- Yellowstone to Yukon Conservation Initiative US

- Squam Lakes Association
  - SRAP (Socially Responsible Agricultural Project)
  - Strategic Earth Consulting
  - Suncoast Waterkeeper
  - Sustainable Fisheries Partnership
  - Taos Land Trust

Jersey

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- Teton Raptor Center
- The Bay Foundation
- The Ground Truth Project
- The Nature Conservancy
- The Nature Conservancy -California

· The Nature Conservancy -

The Nature Conservancy -

· The Nature Conservancy -

The Wilderness Society

Trust for Public Land

and the Environment

Recovery Board

Upper Columbia Salmon

at Columbia University

The Wetlands Conservancy

The Wildlands Conservancy

Tug Hill Tomorrow Land Trust

University of New Hampshire,

Department of Natural Resources

University of Wisconsin-Milwaukee

Urban Design Lab, Earth Institute

Pennsylvania

Washington

Wisconsin

· The Nature Conservancy - Colorado

The Nature Conservancy - Maine

The Nature Conservancy - New York

The Nature Conservancy - Vermont

The Nature Conservancy - New



## Finances

One of LightHawk's fundamental principles is that every expense is evaluated and must help us achieve our mission. Less than one-fourth of our expenses are used to build our core through administration, fundraising and communications. That core is fundamental to the success of our conservation program.



Most of our funding comes from the generosity of individual donors, and one-third of all our support is a result of our volunteer pilots donating their plane, fuel and time. Foundations provided about onefifth of our support.



## Activities

\* Fiscal Year Ended March 31, 2017



We received a 4-star charity rating for 2015, our second in a row. Just 26% of charities in America have earned this rating twice in a row, according to Charity Navigator.

#### **Support and Revenue**

Individual Contributions \$774,974 **Organizational Contributions** \$291,542 Donated Services and Materials \$552,140 Other Revenue, Interest and Dividends \$8.800 Gain on Sale of Assets Realized & Unrealized Gain on Investments

\$55,116 \$99,740

#### **Total Support and Revenue** \$1,782,312

#### Expenses

Program Program - Volunteer Pilot Donated Flights Fundraising and Donor Communications General and Administration

\$894,021 \$418,945 \$217,772 \$168,889

#### \$1,699,626 **Total Expenses**

#### **Change in Net Assets**

Net Assets, beginning of year Net Assets, end of year \$82,686 \$1,908,529 \$1.991.215

## **Financial Position**

\* Fiscal Year Ended March 31, 2017

During 2016, we changed our fiscal year to better align with our operational calendar. These financials reflect the new fiscal year dates of April 1,2016 thru March 31, 2017.

Our complete set of audited financial statements, related notes and IRS form 990 are available on our website at www.lighthawk.org/whowe-are/financials

Assets

Cash and Cash Equivalents
Unconditional Promises to Give
Prepaid Expenses
Investments
<b>Property and Equipment</b>

\$1,005,333 \$114,165 \$31,861 \$893,642 \$4,343

Total Assets

\$2,049,344

#### Liabilities

Accounts Pavable Long Term Debt **Total Liabilities** 

\$33,129 \$25,000 \$58,129

\$900,053

\$557,042

\$534,120

#### Net Assets

Unrestricted Temporarily Restricted Permanently Restricted

\$1,991,215 \$2,049,344

#### **Total Net Assets Total Liabilities and Net Assets**

# Magic From the Air



Terri Watson Chief Executive Officer

Magic is the best word to describe it.

When I was a kid, I loved flying in the "puddle jumper" between our home in Wyoming and Denver.

From that plane, I vividly remember the sensation of watching the place I love so much come into full focus. From the geology to hydrology — It gave a 6-year-old me an intuitive and amazingly accurate understanding of how things fit in the big picture. It was — and still is — just plain magic.

LightHawk is unique. We provide an immersive and irreplaceable education borne of aerial experience. We give each passenger the same quality of illumination I had high over rural Wyoming, to create that same kind of magic.

It's been the effort of this report to relay just how we do this. It ain't easy; it takes a lot of visioning, planning and persistence. But more importantly, it takes you.

Our community of volunteer pilots, foundations, advocates, partners and donors fuels the powerful magic of every conservation flight.

As an important member of LightHawk's team, here's how you can help. Please share this report with those who might find value in our work — your friends and family, pilots you know and your favorite conservation group.

Consider making a monthly or one-time gift. Several of our volunteer pilots who donate both flights and funds have said it best, 'When you donate to LightHawk, you're investing in a conservation portfolio of hundreds of partners and projects at once.'

Thank you for all that you do to make us soar. We are honored to turn your investments into results. Together, we will continue creating magic.

Fair winds and blue skies.

Jerei Wal



The headwaters of Washington's Methow River, shown here, are currently threatened by a large-scale, open-pit copper mine. LightHawk is working with The Methow Headwaters Campaign to ensure this area is permanently protected from industrial-scale mining. Photo: Benjamin Drummond / Methow Headwaters Campaign / LightHawk



Mail Service: PO Box 2710, Telluride, CO 81435 LightHawk is headquartered in beautiful Fort Collins, Colorado. Questions? Want more copies of this report? Email us at info@lighthawk.org