

Sustainability



Sustainability Accomplishments Report





The Jackson Hole Airport (JAC) is dedicated to becoming an industry leader in environmental stewardship, green building initiatives, and sustainability. In effort to preserve the power of place for future generations, we have and will continue to implement environmentally sustainable initiatives at JAC. Our commitment is to protect our natural **ENVIRONMENT**, support our local **COMMUNITY**, and serve as an **RESILIENT RESOURCE** to the unique area we serve.

Sustainability

Accomplishments

Airport Board Members are passionate about conservation and sustainability

A gateway to Grand Teton National Park (GTNP), the Airport plays a vital role in protecting and preserving the environment. Our close partnership with the National Park Service (NPS) is supported by the involvement of our shared stakeholders, who are dedicated to supporting NPS directives while providing air service to the Jackson Hole area. Former GTNP Superintendent Mary Gibson Scott currently serves as the Board Treasurer, and board member John Eastman was appointed to the National Park Service Overflights Advisory Group (NPOAG) in 2017. NPS collaboration has been integral in our completed sustainability initiatives and will continue to be a key component of future efforts. This section highlights the environmental progress we've made to support Grand Teton National Park and the surrounding environment that makes this area special. But we recognize that these steps are just a starting point and are committed to continually reducing the environmental footprint at the Airport.



Noise Reduction

Starting with the adoption of the Noise Abatement Plan in 1985, JAC has been committed to reducing airport noise. Key elements of our noise mitigation program and milestones include:

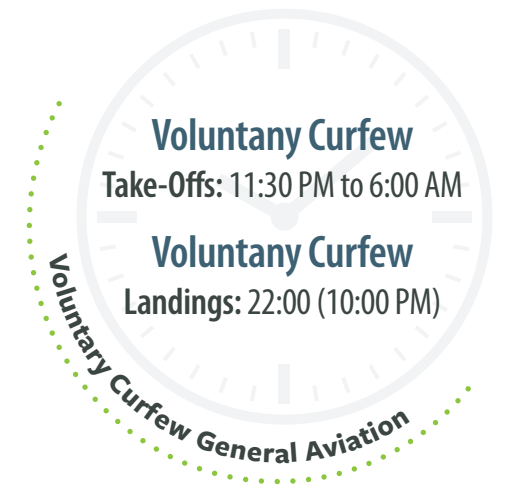
MAXIMUM NOISE LEVEL LIMIT: The maximum noise level limit is imposed by a cumulative noise standard. A maximum of 6.5 average daily departures are allowed by the "Base Class" aircraft (Boeing 737-200). Note: if an aircraft is quieter than the 'Base Class' aircraft, it may operate in greater numbers. The Airport has never exceeded this maximum noise level limit.

SCHEDULE REQUIREMENTS: Commercial jet aircraft must schedule arrivals prior to 9:30 p.m. and departures no earlier than 7:00 a.m.

VOLUNTARY CURFEW: A voluntary curfew for general aviation aircraft is set between 11:30 p.m. and 6:00 a.m. for landing, and between 10:00 p.m. and 6:00 a.m. for takeoff. Pilots are notified if they do not conform.

MEASUREMENT AND MODELING PROGRAM: The Airport began monitoring noise levels in 1984 with short-term seasonal monitoring. In 2004 the Airport upgraded to a sophisticated, state-of-the-art, permanent monitoring system.

BI-6: In 2008 the FAA installed a Beacon Interrogator Type 6 radar system (BI-6) that enables the Airport to correlate an aircraft noise event with the responsible aircraft, and identify operations that deviate from preferred paths.



Environment



NEXTGEN APPROACHES: In 2013, FAA implemented a NextGen satellite-based precision procedure that makes the landing path to JAC safer and shorter, while avoiding most noise sensitive areas of the Park.

Due to the success of these extensive noise reduction initiatives, *JAC has never exceeded the cumulative metrics and as enplaned passengers have gone up over time, the noise contour size has generally gone down.* The Airport remains committed to continuous improvement supporting future efforts such as the Fly Quiet voluntary reporting and tracking program.

The Airport is in the process of purchasing and installing an ADS-B receiver unit. ADS-B is a surveillance technology that allows aircraft to determine its position via satellite navigation, periodically broadcasting it. This data will give the airport a better way of tracking aircraft for purposes of the fly quiet program.

NextGen Benefits

- ▶ **More Direct Routes**
- ▶ **Reduced Fuel Consumption**
- ▶ **Reduced Need for Aircraft to Hold**
- ▶ **Reduced Noise Levels**
- ▶ **Reduced Carbon Emissions**

BEAR SPRAY RECYCLING: Two bear spray recycling stations in the terminal allow passengers to properly dispose of hazardous materials responsibly. Canisters are collected and sent to a facility in Montana where they are discharged and recycled.

HYDRATION STATIONS: The Airport has three hydration stations for refilling reusable water bottles. From 2013-2018, these stations supplied over 285,625 refills, reducing the number of single use water bottles in the waste stream.

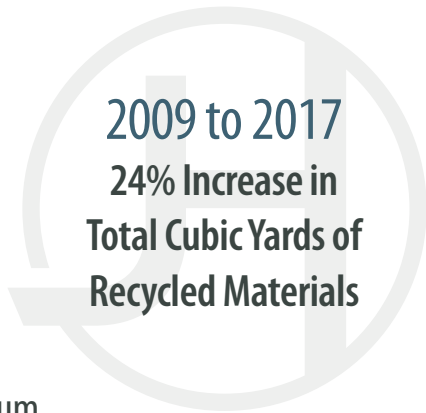
From 2009 to 2017, JAC's well-supported recycling efforts resulted in a 24 percent average increase in the total cubic yards of recycled materials. However, JAC is committed to further improvement in this area. In 2018, JAC sponsored a comprehensive waste audit to identify additional ways to improve recycling rates and reduce the airport's environmental footprint and is looking forward to further partnering with National Park Service and Teton County Integrated Solid Waste and Recycling to reduce their waste in their *Road to Zero Waste Initiative*



Waste Management and Recycling

The Airport started its recycling program in 2009 and expanded it in 2013.

There are currently four multi-stream recycling stations available in the terminal for recycling aluminum, plastic, and newspaper. *The Airport also recycles cardboard, white paper, glass, magazines, textiles, fluorescent bulbs, ink/toner cartridges, batteries, and e-waste.*



Air Quality/Emissions

FLEET AND IDLING POLICIES:

The Jackson Hole Airport earned the designation as a GreenFleet in 2017 through Yellowstone-Teton Clean Cities for consistently updating the current fleet with alternative fuel vehicles. The Airport currently operates two plug-in all-electric maintenance vehicles, two propane powered maintenance trucks and has implemented a company-wide anti-idling policy. The anti-idling policy, adopted by the Board on March 14, 2012, immediately applied to existing Airport vehicles and was integrated into all new and renewing contracts as of July 1, 2012, for non-Airport vehicles operating at the Airport. Vehicle operators are prohibited from idling longer than 5 minutes in any one-hour period. Exceptions are only allowed to maintain personnel safety.



Environment

TAXI 2 FLY: Ride2Fly has been rebranded as Taxi2Fly. Locals will be able to select the taxi provider of their choice and arrange for transportation from the Town of Jackson Parking Garage to the Airport. The fee for this service is \$20/ride each way. Locals simply park (for FREE) at the Town Parking Garage, on levels 3 or 4 and will be picked up at their vehicle by their provider of choice, which will help reduce the amount of vehicles on our local roadways and is aligned with the community Integrated Transportation Plan.



TAXIPOOL: TaxiPool is a ridesharing program created by the Jackson Hole Airport to decrease the amount of vehicle traffic on our roadways. Passengers who utilize taxi pool will receive a \$10 discount on each posted fare for the destinations.

Energy & Lighting

In 2011, the Jackson Hole Airport received LEED Silver Certification from the U.S. Green Building Council for the Terminal Building Expansion (2010-2015). During the expansion project, the Airport incorporated LED lighting in the new baggage claim building, installed low-flow water plumbing fixtures, and incorporated regional and recycled materials and Forest Stewardship Council Certified Timber for construction.

Post expansion, the Airport partnered with the Jackson Hole Energy Sustainability Project and Lower Valley Energy to conduct an Energy Audit, which helped identify measures that have since reduced the Airport's energy consumption by 117,900 Kilowatt Hours per year.



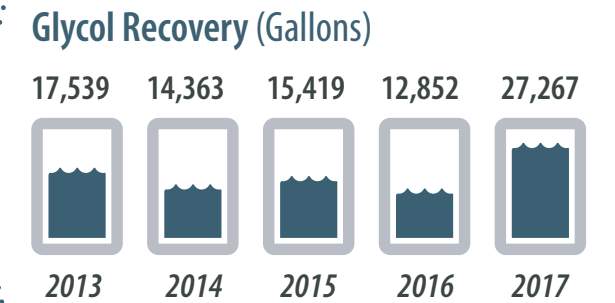
The Airport has made significant environmental improvements by working under the Dark Skies Initiative with Energy Conservation Works and Lower Valley Energy to convert the taxiway lighting and landside lights to LED. Additionally, all power supplied to the terminal is now 100% Green Power.

Water

GLYCOL RECOVERY: In 2012 JAC constructed a new de-icing pad with a solar powered glycol (or de-icing fluid) recovery system that collects spent fluid in an underground collection tank, protecting the surrounding natural environment from contamination.

STORMWATER: The airport has begun to install an airport-wide storm-water filtration system, which will allow all storm-water to be filtered prior to leaving the property, thus further protecting the watershed.

NEW FUEL AND GLYCOL STORAGE FACILITY: In 2018 the Jackson Hole Airport built a state of art fuel and glycol facility with the environment at the forefront of the design process. Water quality would be protected in the unlikely event of a leak of a petroleum product, through the use of multiple oil/water separators and our extensive storm water filtration system. If we were to have the unlikely spill of glycol, the system would sense it and that liquid would be put into a collection tank. Care has been taken to make this facility large enough to provide the needed capacity for the airport and its users, protect water quality to a high level, be safe and efficient for the operators and has been screened to decrease its visual impact.



Wildlife

In coordination with NPS in 2017, the Airport developed a Greater Sage-Grouse Habitat Restoration Plan that identifies strategies to protect both birds and aircraft.

JAC is working with GTNP to restore brood-rearing habitat in GTNP to safely draw hens outside of the Airport boundary by restoring two historic lek sites and developing a satellite lek near the restored brood-rearing habitat to attract male sage grouse.



People are an integral part of any comprehensive sustainability program

This is why we seek to integrate the Jackson Hole community in our sustainability programs, initiatives, and environmental strategies. We strive to support our partners, our staff, and our broader community initiatives through the various programs highlighted below.



LOCAL PARTNERSHIPS: Local partnerships are a hallmark of the Jackson Hole Airport. Our partnership with NPS is vital to the success of the Airport and the area it serves. As we further develop our sustainability program, we seek to strengthen our local community partnerships through combined initiatives. Other active partnerships include:

- ▶ *Teton Conservation District (TCD)*
- ▶ *Yellowstone-Teton Clean Cities*
- ▶ *Riverwind Foundation: Jackson Hole & Yellowstone Sustainable Destination Program*
- ▶ *Habitat for Humanity—ReStore*
- ▶ *Jackson Hole Children’s Museum*
- ▶ *Jackson Cupboard*
- ▶ *Hole Food Rescue: Reduce Food Waste*
- ▶ *Teton County Integrated Solid Waste and Recycling: “RRR” (Reduce, Reuse, Recycle) Business Leader Program; “Zero Waste Construction” Committee Member*
- ▶ *Energy Conservation Works Partner for Energy Efficiency*
- ▶ *Lions Club International: Eyeglass Recycling*
- ▶ *Browse and Buy: Thrift Store Donations*
- ▶ *Jackson Hole Chamber of Commerce*

EMPLOYEE RECOGNITION PROGRAM: The Airport’s employee of the month recognition program highlights key individuals that are supporting the overall mission of the Airport.

Community

EMPLOYEE HOUSING BENEFIT: Located in a competitive and expensive housing market, JAC provides a housing and transportation stipend to full-time staff to allow employees to live near where they work.

PEOPLE HELPING PEOPLE: “People Helping People” is the mission of the Jackson Hole Airport. We embrace this mantra in every aspect at the Airport. Whether we are helping guests, co-workers or partners, we operate as a team (or a big family) at JAC.

HOLIDAY FOOD DRIVE: Annually, the Airport holds a Holiday Food Drive. Non-perishable items are donated at the airport in exchange for a free drink from Jedediah’s. At the end of the drive, all items are donated to the Jackson Cupboard, which distributes these goods to local residents in need.

AIRPORT HOST PROGRAM: The Jackson Hole Airport has an Airport Host Program. The Hosts greet arriving and departing guests, assisting with travel needs and questions about the facility and local area. The hosts are essential to our guest experience and we continuously strive to go above the expectations of airport users. The Jackson Hole chamber assists the Host Program in partnership with the Airport during the winter months. The Chamber staff provides guests with local knowledge and serves mimosas in the baggage claim area for arriving guests.

EMPLOYEE STORM SUPPORT: During adverse weather events, JAC provides staff with hotel rooms. This initiative supports a sustainable and resilient work force while allowing the Airport to provide a high level of service during storm events.

VISUAL SCREENING: To reduce the visual impacts of its buildings and protect the picturesque surroundings, the Airport planted 64 spruce, 4 pine and 3 aspen trees that help provide visual coverage of the Airport and unobstructed views of the Tetons. Additionally, JAC works with the Dark Skies Initiative to reduce light pollution and protect the scenic night sky in Jackson Hole.

TSA PROGRAM: JAC is one of only a few airports in the country that has a private security workforce for TSA. This program supports the community through employment of up to 58 screeners and allows the airport to control the customers experience.



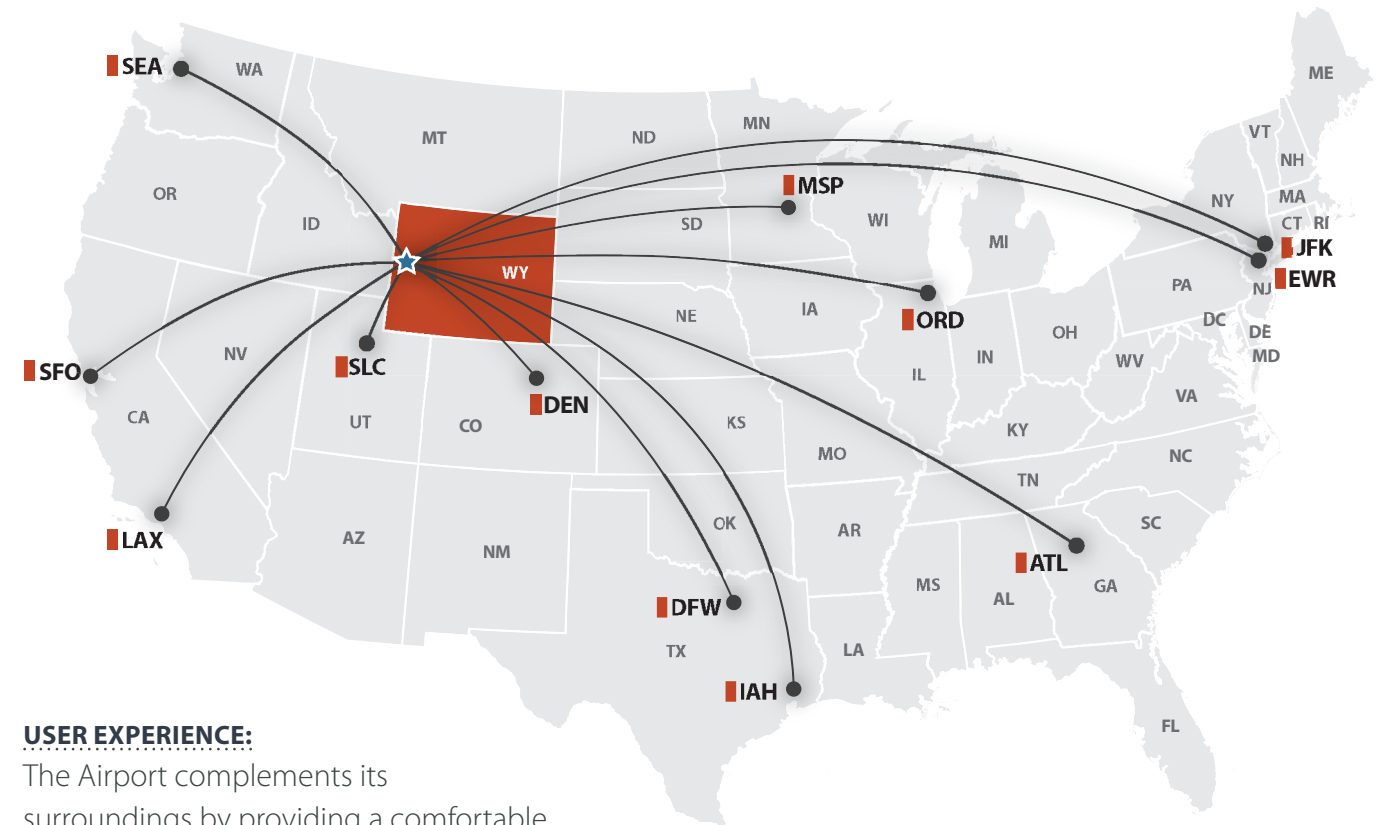
JAC provides access to some of the most iconic landscapes and protected areas in the world, as well as a remarkable town, Jackson Mountain Hole Resort, the National Elk Refuge, among many other extraordinary venues



As a resilient resource for the region, we continue to strive to serve the community as the mass transportation of the skies. Economic responsibility is the third component of sustainability, and one that we embrace through providing exceptional service to JAC users while protecting the environment that draws the visitors in the first place. JAC prides itself on the fact that the airport is self sustaining, with no use of tax dollars. Below are some way we a resilient resouce to the community:

OPERATIONS: JAC has over 350,000 annual enplanements and provides direct service to 12 different cities across the US. Due to increased seating in aircraft, JAC has been able to serve a growing number of passengers while maintaining a stable level of operations.

Resilient Resource



USER EXPERIENCE:

The Airport complements its surroundings by providing a comfortable, aesthetic space for travelers. The 2010 renovation of the terminal provided an open, well-lit space that retains the regional character of Jackson Hole. It is our goal to support our users from the moment they arrive. Currently, the airport has many measures in place to ensure a great user experience, including:

Unique Traveler Amenities at JAC:

- ▶ Parking Webcams to Show Parking Space Availability
- ▶ Online Payment Options for Parking
- ▶ Water Bottle Filling Stations
- ▶ Teton County Library Bookshelf where Visitors can Take or Leave a Book for the Next Visitor
- ▶ Dog Friendly/Pet Areas
- ▶ Fireplace
- ▶ Information Desk
- ▶ Art Collection and Local Photography
- ▶ Children's TV-viewing in screening area
- ▶ Free Wifi
- ▶ During peak travel times, the airport offers "movie stations" for families in the Secure Hold Area.
- ▶ Seasonal Live Entertainment
- ▶ Seasonal Complimentary Mimosas



It is our goal to support our users from the moment they arrive.



JAC Community Art Program

ART AND EXHIBIT PROGRAM: JAC's community art program supports local artists and non-profits. The art showcased in and around the terminal adds to user experience and supports environmental conservation.

SUPPORT OF LOCAL ORGANIZATIONS: JAC recently supported an aviation related exhibit at the Jackson Hole Children's Museum, showcasing the importance of aviation in the community.

TERMINAL BUSINESSES: Jedediah's Restaurant, a local favorite, serves users in the secure passenger

hold room and operates a snack bar in the non-secure lobby of the terminal building. Their choice to use local food products (such as the locally sourced beef and whiskey) fits with our community-based values and we are looking forward to their planned expansion. Through the Grand Teton National History Association, NPS operates a natural history gift shop inside the passenger holding area. JAC strives to support local companies, strengthen community ties, improve user experience, and support the economic vitality of the Airport and the concessionaires.



Strong Airport Support for Local Companies

INTER-AGENCY HELIBASE

OPERATIONS: The Bridger-Teton National Forest (BTNF)/NPS interagency helibase provides ample landing pad space and facilities for staff operations. In 2014 and 2015, the based crew responded to 42 wildland fires and conducted 14 short-haul rescue operations in GTNP and BTNF. The helibase directly serves 2.5 million acres of federal land and is available to assist in rescue and fire operations on 18 million acres across the greater Yellowstone area. JAC serves as a gateway for this service that provides protection to the environment, the community, and promotes interagency cooperation.

FUTURE PLANNING EFFORTS: The Airport recently completed a Conceptual Area Plan. The Airport continues to make both airside and landside improvements, with a focus on supporting the local community, protecting the environment, and working collaboratively with Teton County, the Town of Jackson, and GTNP.

Resilient Resource





Sustainability Accomplishments Report



Jackson Hole Airport

