

PORT OF SEATTLE
MEMORANDUM

COMMISSION AGENDA
SPECIAL ORDER

Item No.	3c
Date of Meeting	April 26, 2016

DATE: March 21, 2016
TO: Ted Fick, Chief Executive Officer
FROM: Elizabeth Leavitt, Director Aviation Planning & Environmental Services;
Leslie Stanton, Environmental Strategy Manager
SUBJECT: Special Order of Business – Recognize the 2015 Seattle-Tacoma International Airport Green Gateway Environmental Excellence Award Winners

BACKGROUND

In honor of Earth Day (4/22/2016), Airport staff would like to recognize winners of Seattle-Tacoma International Airport's (Airport) Green Gateway Environmental Excellence Awards (Awards Program). The Awards Program annually recognizes Airport tenants, airlines, and business partners for outstanding environmental leadership, and encourages continuous improvement by celebrating their accomplishments and acknowledging the critical role they play in assisting the Port in meeting its environmental goals.

2015 AWARD WINNERS:

This year, Port staff introduces a new Honor Roll distinction to recognize repeat award winners whose maintenance of past accomplishments and current efforts demonstrate continued support for Port objectives.

HMSHost (Environmental Performance). *Airport staff recommends an award with Honor Roll distinction for HMSHost's continued support of Port sustainability objectives including specific 2015 accomplishments in food donation, community giving, energy conservation, and waste reduction. These actions demonstrate continuous commitment to supporting Port waste minimization and energy conservation objectives, and the airport community. HMSHost:*

- Recycled over 100 tons of glass and 25 tons of cardboard from HMSHost's STIA supply warehouse;
- Led all Concessionaires in STIA's food donation program for the fourth year in a row by donating 19,900 lbs. of food (45% of 2015 donations) or approximately 306 meals to the Des Moines Area Food Bank (DMAFB) each week;

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- Implemented a customer donation program at six restaurants and gave 100% of donated funds to the DMAFB. Donations for 2015 exceeded \$20,000 and were used by the DMAFB to provide food-filled backpacks to families during weekends when the food bank is closed;
- Installed new Energy Star-rated water heater at one Chili's Too and ice machines at three Starbucks units;
- Maintained recognized accomplishments from past awards including composting organics and coffee grounds, replacing disposable plateware and silverware with durables, replacing disposable towels with laundry service, replacing lights with energy-efficient LED alternatives, and using Energy-Star rated equipment to conserve energy and reduce oil waste.

Hudson News (Environmental Performance). *Airport staff recommends an award for Hudson News' 2015 accomplishments in food donation. This action demonstrates a continuous commitment to supporting Airport waste minimization objectives and the airport community.*
Hudson News:

- Donated 17,176 lbs. of food to STIA's United Service Organizations (USO) lounge and 208 lbs. to the DMAFB. Hudson's innovative approach expanded the community of donation recipients and accounted for 39% of total 2015 donations or approximately 267 meals per week;
- Maintained recognized accomplishments from past awards including composting coffee grounds and recycling waste.

Alaska Airlines (Environmental Performance/Innovation). *Airport staff recommends an award for Alaska Airlines' 2015 accomplishments reducing Greenhouse Gas emissions, promoting development and use of aviation biofuels, and recycling waste. These actions demonstrate commitment to supporting Airport Greenhouse Gas emissions reduction, biofuel development, energy conservation, and waste minimization objectives.* *Alaska Airlines:*

Performance

- Decreased aircraft fuel consumption by adding split scimitar winglets to 85% of all eligible aircraft. By 12/31/15, Alaska completed 90 such modifications including 45 aircraft in 2015 estimated to save 2 million gallons of fuel;
- Increased inflight recycling capture rate from 81% to 83% and reduced waste to landfill per passenger by 31% from 0.29 lbs. to 0.20 lbs.;
- Reduced paper consumption by 13 million sheets (or 14%) compared to 2014 by implementing JetPack, a mobile technology app that replaced traditional paper-based systems to relay flight statistics to pilots and crew. Alaska's paper and toner consumption

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at STIA decreased 50% and Alaska estimates JetPack will save roughly \$200,000 per year at STIA;

Innovation

- Initiated inflight composting at 12 mainline airports (including STIA) through partnership with flight kitchens, and launched composting at the Gold Coast office building at STIA, which diverted approximately 300 gallons of compost from landfill weekly;
- Partnered with the Port and Boeing to conduct a feasibility study of infrastructure needed to bring biofuels to all carriers at STIA. The joint study will evaluate costs and infrastructure necessary for blending and delivering biofuels;
- Partnered with GEVO, Inc. to be the first airline to fly aircraft using alcohol-to-jet fuel (first flight expected in 2016) and worked with Washington State University and the Northwest Advanced Renewable Alliance to advance production and use of jet fuel made from “woody waste” remains from forest harvesting;
- Implemented final phase of “Greener Skies” in April 2015, reducing Alaska’s fuel consumption by 87 gallons per flight, which could reduce annual fuel consumption by 1.56 million gallons and CO2 emissions by 14,350 tons.

ADDITIONAL BACKGROUND:

Airport staff created the Awards Program in 2010 such that one or more awards may be given each year, depending on the quality and quantity of nominations received. The Airport accepts nominations for any project, process, or action that promotes environmental leadership and stewardship in one of three Environmental categories:

- Performance
- Education and Outreach
- Innovation

Between December 2015 and January 2016, the Airport accepted award nominations for projects, processes, or actions completed during 2015. Port staff received four nominations from four nominees in the Environmental Performance/Innovation (3) and Education and Outreach (1) categories. A panel of Aviation Division staff from multiple departments reviewed the nominations in accordance with criteria established for each category, and recommended winners to Airport senior management.

Senior management concurred with the panel’s recommendation to award three 2015 Environmental Excellence Awards. Port staff notified award nominees of award decisions on March 31, 2016.

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NEXT STEPS:

Port of Seattle Commissioners will have the opportunity to present commemorative plaques to award winners during the April 26, 2016 Commission meeting. Port staff will also acknowledge Environmental Excellence Award Winners on banners located inside the Airport terminal or via digital media outlets, and in a public press release.

ATTACHMENTS TO THIS SPECIAL ORDER

- PowerPoint Presentation