

On The Horizon

Southwest Oregon Regional Airport

Dec./Jan. 2022

Welcome to On The Horizon, Southwest Oregon Regional Airport's newsletter. Our goal is to keep you up-to-date on airport activities, get to know our tenants better, and tell you more about airport operations. We appreciate any suggestions you may have regarding stories, updates, or questions we can answer for you. Feel free to reach out...David (david@flyoth.com)

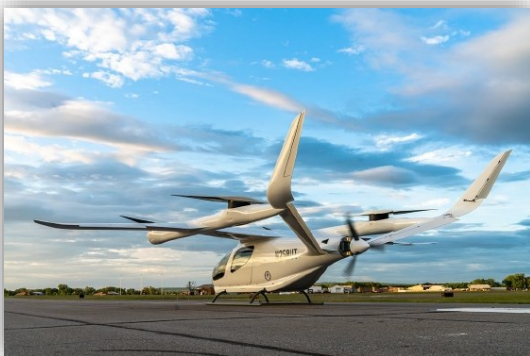
Beta Technologies' Innovative eVTOL System

At the start of 2021, an exciting new opportunity presented itself to the airport: Beta Technologies and their Electric Vertical Takeoff and Landing (eVTOL) aircraft. While many aspects of aviation seem to be driven off designs and technologies from the past, BETA Technologies, based out of Vermont, is implementing a very different system for both cargo and passenger travel.

The ALIA-250C is an aircraft designed after the Arctic tern. The goal is to fly as efficiently as possible, be able to transition between hovering and long-range forward flight, and be electrically powered. This design will help reduce costs while improving the sustainability of flight. The ALIA-250C will have a

cruising speed of up to 170 MPH, a cargo capacity of about 1,400

pounds, a range of 250 miles, and can be fully charged in 50 minutes. An obvious positive is they are environmentally friendly and provide an avenue for future electric aircraft.



Beta Technologies



Beta Technologies/Eric Adams

In order to charge the batteries for these aircraft, they need to stop and recharge at various stations. Beta

Technologies' modular charging network is being strategically placed at airports around the country, including the Pacific Northwest, and will provide aircraft with a quick charging solution as they fly their intended routes. Southwest Oregon Regional Airport was selected to be one of those stations. The airport has a great layout for the proposed site. Additionally, the charging station will have car charging ports that extend off the airfield. This will allow airport users and residents of the community to access the system and charge their cars at the airport. Beta Technologies will be adding this equipment at their own cost, with the airport leasing the land to them.



Just this past year, UPS and Beta Technologies entered into an agreement to purchase up to 150 eVTOL aircraft. UPS plans to use these aircraft to transport time sensitive packages within smaller and mid-sized markets. The timely transportation and delivery of important packages will help all of Coos County and the surrounding communities. The goal is to have the charging station built at the airport in 2022. UPS expects to take delivery of the first 10 eVTOL aircraft in 2024.



Beta Technologies/UPS



Beta Technologies

In order to expand the airport for future development, older buildings that have outlived their useful life have been removed from the airfield over the past year, with more continuing throughout 2022. These newer structures, such as the eVTOL charging station, will not only be environmentally friendly but will also attract future aviation developments to Coos County.

Action Around the Property

The new Aircraft Rescue and Fire Fighting (ARFF) Station is nearing completion with the final completion date planned for January 2022. The building consists of 4 bays that will house the 3 airport fire trucks, a water rescue craft, will provide offices, and allow for storage and maintenance of



ARFF equipment. The airport received FAA discretionary funds in the amount of \$6.5 million to pay for the construction of this project. The last fire station was built in the 1950s and was demolished to help make way for the future expansion of the airport operations area.

As one would expect, the airport's runways and taxiways go through a lot of wear and tear. Not only does weather play a big part in this equation, with rain, sun, and temperature changes being the main culprits, but the constant landing, taking off, and taxiing of aircraft causes cracks to develop as well. Southwest Oregon Regional Airport has begun its annual cleaning and filling of cracks around the airfield. Runway and taxiway markings are also affected by these elements. Because of this, the airport will begin repainting the lines and markings over the coming months. Addressing these issues on an early and consistent basis will help preserve the quality of the pavement and keep the airfield safe for future use.



Over the past few years, the risk of having severe fire spreading events has increased significantly. The airport is taking a proactive approach to help protect the public from these types of events. Underbrush and tree clearing has occurred around the property. In addition, the removal of dead, dying, diseased, and matured trees will be taking place this month. Unfortunately, that will include most of the trees on the landside property. This is an important land management responsibility.



The hope is to limit the severity of future fires and to protect users of the property from falling trees.

Addition to the Operations Staff

Last month, another individual joined the Airport Operations crew. Bruce Armstrong is a driven employee who is excited to begin his new career path. Prior to joining the Airport Operations team, Bruce worked for the Transportation Security Administration (TSA). His TSA career spanned a total of 6 years and 4 airports, including Southwest Oregon Regional Airport, Kahului Airport (OGG), Sacramento Airport (SMF), and Mammoth Yosemite Airport (MMH). Bruce was also a State Officer at the University of Hawaii Maui College (UHMC) and worked in loss prevention and security for over 10 years.

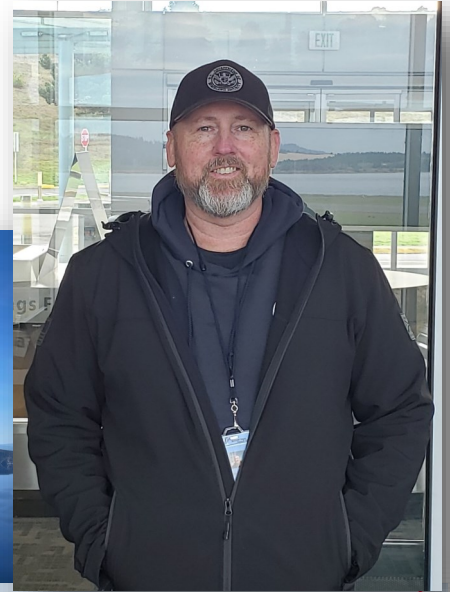
In his free time, Bruce is an outdoorsman. He enjoys anything with a motor, especially quads and motorcycles, and loves spending time in nature.



After moving to Oregon in 2019, he found his niche riding the dunes, camping, fishing, and enjoying everything else the Pacific Northwest has to offer.

In relation to his new career, Bruce explains, "After working for so many years inside the terminal, I love learning and being apart of the other side of the airport. I am excited for what the future holds!"

Welcome to the team!



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