



Advisory Board Meeting
Minutes – September 29, 2017

Board Members Present:

David Rose – Citizen Representative
Paul Deaderick – Space Sector Representative
Bryan Ostler – Adams County Government Representative
Raymond Gonzales – Adams County Government Representative
Rick Ward, Vice Chair – Aviation Sector (Phone in)
Scott Ullerick – Business Sector

Board Members Absent:

Barry Gore, Chair – Economic Development Representative
Jeffrey Price – UAV Sector
Meredith Champlin-Eaton – FTG Tenant/Aviation Operations Representative DIA
Steve Hogan – Intergovernmental

Staff:

Dave Ruppel, Airport Director – Front Range Airport
Jeri Coin, Executive Assistant – Front Range Airport

Welcome & Introductions

Vice Chairman Rick Ward welcomed the members and guests and all rose to give Pledge of Allegiance to the Flag of the United States.

Agenda & Minutes

Vice Chairman Ward asked if there were any changes to the agenda, or minutes and seeing none, he requested a motion that was given by Paul Deaderick, seconded by Dave Rose; the August 2017 minutes and the September agenda were accepted as submitted.

Kimley-Horn Mapping Project

Dave Ruppel reported that Bobby Valentine, and John Heiberger with Kimley-Horn, were not able to make it in for the meeting; they were the team that did the aerial mapping with the drones. Shahn Sederberg, Communications & Multimedia Manager, with CDOT-Division of Aeronautics presented his video to the Board.

Please visit the following website to view the video:

<https://www.youtube.com/watch?v=wChUE4GrhAg&feature=youtu.be>

The project is aerial mapping of the whole airport by an Unmanned Aerial System "UAS", this included pavement study and Shahn did a great job directing, and shooting this fantastic video.

Dave Ruppel added that the mapping study was free to the airport and will provide us with a huge benefit to evaluate our pavement surfaces. The study did not disrupt operations, as we have two runways, and Kimley-Horn worked with the ATCT.

Vice Chairman Ward thanked Shahn for his work on the video.

Master Plan Update

Dave Ruppel gave an update on the master plan. Aviation has updated the draft chapters 1-5, and ran them through the project advisory committee (PAC). The PAC will give feedback on any questions, or comments they may have.

Originally they adopted the forecast for the airport with 85,000 operations that was forecasted to happen in the first 10 years. Dave said he was happy to report that we will be over 100,000 operations this year. As you can see the forecast has changed, and they have gone back in to amend it. They have completed the capital improvement plan (CIP), and financial chapters, and land use plan narrative, and they are in the final production stages of the master plan. The Airport Layout Plan (ALP) is in production, and the aerial survey data will be uploaded into the FAA system.

Air & Spaceport Update

Airport Project Update

- ✦ Rehab on Taxiway A7 is scheduled for next year, due to lack of bids
 - ✦ Rehab on Taxiway A8C Two inch mill and fill area approximately 50,000 Sq. Foot, paving of taxiway A8 to take place in 2018
 - ✦ Restripe the centerline of Runway 8-26
 - ✦ Restripe runway hold short lines, and taxiways B, C, D, and E
 - ✦ Request for proposals (RFP) to add a water purification system to the east side water system for Reaction Engines and the airport maintenance building
 - ✦ Purchased a used loader at the DIA auction; CDOT Division of Aeronautics funded 80% of the purchase price, and cost to the airport is \$3,000
 - ✦ Solar farm construction has begun at Imboden Road, on a 15 acre site
 - ✦ UAS survey of airfield by Kimley-Horn, they used Drones for survey mapping
 - ✦ Crack seal will begin in October on the Terminal ramp
- The Vice Chairman thanked Dave Ruppel for the update.

Spaceport License

Dave Ruppel presented a PowerPoint that he had shown the morning before to the Aurora Chamber, Defense Council that the airport had hosted in the FBO hangar.

- Adds FAA-Licensed sub-orbital spaceflight capabilities to current General Aviation operations
- Horizontal launch facility, using Reusable Launch Vehicles or "Spaceplanes" that take-off and land from the existing airport runways
- Providing access to space for scientific research, education, and space tourism in the short-term; and point-to-point, high speed, sub-orbital transportation to other international spaceports in the future

- There are three primary spaceplane Concepts, X, Y, and Z
- “Concept X”, dual propulsion system, most viable option for Spaceport Colorado
- FAA designated a special use airspace for our use in mid-September
- Timeline delayed approximately 3 months due to the development of this special use airspace
- Engineering team is working on new noise, sonic boom, and hazard evaluations
- Application update completed in December
- EA released on acceptance of Application for 30 day public review
- Application begins formal review at same time
- Pushes final determination onto Second quarter 2018

Possibilities

- The near term is:
- Space Tourism
- Space Pilot Training
- Payload Delivery
 - Small Satellites
 - Research Experiments
 - Manufacturing
 - Space & Ground Vehicles
 - Monitors, Sensors & Electronics
 - UAV's & Robotic Systems

Vision – Spaceport Colorado

Propel the State of Colorado into a national position of prominence by establishing Spaceport Colorado as:

A Phased, Master-Planned Aerospace & Technology Park

A Profitable Business Entity

A magnet for Aerospace & H-Tech Companies

A Global Hub for Commercial Space Transportation & Conventional Aviation

Convenient Location

- 7 miles SE of DEN
- 29 miles to downtown Denver
- Interstate highway system
- Railroad
- 1,000 on Airport Acres to Develop
- Strong Regional Support
- Great Airport Geometry
- Easy Multi Modal Access
- 6,500 Acre Planned Business Park Developing to the South
- Surrounded by More Than 10,000 Acres Industrial Zoned

The Vice Chairman thanked Dave Ruppel for the update.

Marketing

Dave Ruppel passed out a first draft of the marketing strategy, and stated that the purpose was to provide a framework for marketing, and planning for the Air and Space Port. Dave said he took the information we received from the SWOT

analysis and all the aspects the board had discussed during that exercise, and used it as a tool to develop a marketing strategy plan. He said it is a first draft, asked the board to help him streamline the process and give him feedback for a final document they can use.

Paul Deaderick asked if it would be used as justification for a marketing budget. Dave replied yes, we should be able to take this document, and know where all of our money is going.

Ray Gonzales asked if it had been run by Jim Siedlecki, Director with the Adams County Communications department. Dave said he had not, and Ray highly recommended that he put it in front of him for his input.

Dave Rose, said based on the spaceport application process, would this marketing proposal work in either situation, even if we don't become a spaceport. Dave replied it should, however he didn't characterize it that way; he suggested that they review the draft, and they could fine tune it for both, and bring out the spaceport aspect too.

Board Member Comment

Dave Rose said he didn't have anything to report, and asked if the two Adams County board members could give a brief background on themselves. Raymond Gonzales, was appointed County Manager by the Board of Adams County Commissioners, and has held that position for the last 3 weeks; he had been serving as the Interim County Manager for the past 6 months. Ray is a 3rd generation Adams County native, and he is proud to represent the county he grew up in. His back ground was in economic development, and he considers the airport an economic driver for Adams County, and truly believes in the mission, and vision of the Front Range Airport.

Bryan Ostler is the Interim Deputy County Manager, and has been in that role a little over a year; first on the internal side with Finance, HR, and budget, then on the external side for the past 6 months. Previously he was the Director of Human Resources, and was in that capacity for 5 years. Bryan added that he was one of the first ones on site when the county took over the airport, and said the staff is really great. Bryan also has family in the airline industry, and he hears nothing but great things about Dave Ruppel, and Front Range Airport; we are very lucky to have him here.

Paul Deaderick reported he had an opportunity to promote Front Range Airport on the radio at 1690 AM KDMT, where he did an interview in support of Spaceport Colorado on September 27th. Paul said the interviewer was Edgar Johansson, and he would send the board contact information for Edgar. You can listen to the interview at the following link.

<https://connectcollaborate.podbean.com/feed/>

Dave Ruppel said Paul was a natural, and had done a great job.

Vice Chairman Ward thanked the Board for their comments.

