

**Minutes of the
Unmanned Aerial Systems Test Site Advisory Board Meeting
Held September 30, 2013 in the Capitol Board Room**

The meeting was called to order by Lt. Gov. Bell at 3:05 pm.

In attendance were:

Lt. Governor Greg Bell	Chair
Spencer P. Eccles	GOED
Jake Garn	former US Senator
Ted McAleer	USTAR
Teri Klug (for Jeff Edwards)	edcUtah
Maj. Gen. M. Pavich	UDA
Charles Precourt (phone)	ATK
Susan Opp	L-3 Communications
Jim Petersen (for Pat Morley)	Division of Aeronautics
Joshua Hintze (for Ryan Smith)	IMSAR
Marina B. Lowe	ACLU
Gen. Ken Gammon (for Gen. Jefferson Burton)	Utah National Guard
Bill Loos	Attorney General's Office
Dr. Mac McKee (David Buhler)	Utah System Higher Education (USHE)
Blake Barber (Todd Titensor)	Procerus/Lockheed Martin
Robert Spendlove (phone)	Governor's Office
Gary Harter	Military & Veteran's Affairs, Governor's Office
Jim Sutton	Northrup Grumman
Vince Mikolay	GOED
Marshall Wright	GOED
Sophia Dicaro	GOED
Sen. Jerry Stevenson (phone)	State Senator

Other attendees:

Dr. Wayne Dornan	UVU
Eric Ellis	Lt. Governor's Office
Ryan Harris	GOED
Adam Turville	GOED
Chad Poll	GOED
Al Jackson	The Jackson Group
Mindy Vail	GOED

Welcome and Introductions: The Lt. Governor welcomed all in attendance and asked everyone to introduce themselves.

Overview and Power Point Presentation: Vince Mikolay presented a power point Overview and Introduction of the Unmanned Aerial Systems, explaining the type of unmanned aircraft that would be tested in Utah. He explained why Utah is interested in this industry and the future of the industry in Utah. Vince also explained that the FAA is planning on selecting six US test sites to be operated by public entities and that Utah has already applied for one of those positions. Applicants will be notified by December 31, 2013 if they have been selected. FAA has already come back with some follow up questions for our state centered around economic impact.

Handouts were provided in folders for all members in attendance regarding Privacy Issues, Privacy Statement, and Guidelines for Unmanned Aircraft and the Executive Summary of the Utah application to the FAA.

Vince also covered:

- Economic impact of the UAS industry for Utah
- Economic importance of UAS nationwide
- Potential economic impact from 2015-2025
- FAA Modernization and Reform act of 2012 (FMRA)
- Potential test sites in Utah
- Need for open and positive legislation in Utah that support UAS site.

Marshall Wright spoke as to why Utah would be a great UAS Test Site.

Vince spoke about what Utah needed to do to attract the UAS industry to Utah with or without a FAA test site. He also described to the board what other states have done, or what they are currently doing to attract the UAS industry.

Questions and Comments Session:

Jerry Stevenson stated that this is a “win-win” for the state of Utah

Marina B. Lowe raised a question asking if legislation related to privacy would be considered “negative” by the FAA

Vince stated that all the negative legislation involved restrictions on UAS except for certain industries.

M. Pavich stated that the FAA is looking for “regional” test sites. Does Utah have the geographical requirements?

Dr. Wayne Dornan stated that the four Utah sites would have “corridors” that would provide growth to the test/evaluation.

Marshall Wright stated that as part of Utah’s strategy of their proposal they were careful not to impose on areas where military training is already going on.

Josh H. and Blake B. talked about the contract that has to be in tact with Dugway as they integrate with other companies.

Jim Sutton stated that something we may want to explore is, we need to go to the commanders of the military test/ training range regarding utilization of ranges and research capabilities for civil and commercial application. Key is to ask.

Discussed the difference between Remote control vs. Autonomous unmanned aerial vehicles, we want the onboard computer to control the vehicle, it is much more precise.

LG asked: Who will enforce the privacy issues, who will be the cop?

MW: In the RFP we had to describe how we would control, licensing issues, etc.

LG asked: What about the issue of those small machines looking in my windows? Who is developing protocol for these issues?

MW: We believe we could lead the conversation addressing these issues and others.

Rep. Peterson: One of the benefits of having a test site here, is that there is a defined boundary for the UAV's and people need not worry about their privacy being invaded.

LG stated: We don't have a center.

VM: If we have a test site we can develop legislation.

LG asked: What is going to stop other states from getting the grants?

Dr. Dornan stated: This is the most significant development since the Wright Brothers. We need to start moving now to not only be a part of the UAS site, but so that we can catch the wave of the tsunami of activity in UAS.

LG: So what do you want from us, the board?

VM: Next meeting we would like to get answers and help and support in making Utah a center for UAS. We need to address our national marketing to bring the UAS companies to Utah because we are a pro-UAS state. We have looked at models around the world, business models; ones that have worked and ones that haven't. We believe that the UAS test site would encourage companies to come and that the ultimate investment will be completely sustainable.

M Pavich: Is there an FAA application process for us if we are not selected as a test site?

MW: FAA is developing that application process.

VM: We want to be one of the Lead Out states

Dr. Mc Kee: if Utah leads out whether we are selected or not, if we lead out with an omnibus COA, that's a great big sign post that says: you can fly here if you fly by our rules. I think this would open up Utah for other opportunities, including insurance...

Jim Peterson: The FAA is very site specific when awarding COAs

Delta and Milford are not on the top of our list because they don't have hangars and runways are a mess. "Green River doesn't have any better facilities and I am not sure about promontary." (corrections made to minutes)

Gary Harter: Do we wait for the FAA or do we go ahead? NM didn't even apply, they are already doing it. North Carolina is also going ahead.

LG: At our next meeting we would like a Timeline to be presented.

Could you start assigning costs?

Rep. Peterson would like to start working on a resolution.

Do we have everyone we need on this board?

Teri Klug suggested a couple of companies.

LG: We are thinking of meeting on a quarterly basis and on an "as needed" basis.

When do we start thinking about real estate?

If these sites are in remote areas, who will drive 3 hours to work, is housing an issue?

Ted McAleer: NV allocated 3 Million to UAS in their proposal. We ought to consider a joint venture with one of our border states.

VM: We have been in contact with some states regarding a cooperative agreement, we even considered a joint application.

VM: In the next 30 days we would like to provide a package to you, we can set a meeting to discuss our legislation and timeline proposal.

LG: We need to get a great presentation and seed money and things that we need to propose to the legislature. We could go to Interim on November 15 with our proposal.

Next meeting set for November 4, 2013 from 3 – 5 pm.

