**Minutes**

**Space Authority Meeting**

**3/16/18**

**Call to order**

10:04 A.M.

**Welcome**

Remarks and brief update on Legislative session made by Senator Gerald Dial.

**Roll Call**

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| Present: 8 | Absent: 6 |
|  |  |
| Dr. Deborah Barnhart | Mr. Greg Canfield |
| Sen. Gerald Dial | Mr. Clinton Carter |
| Rep. Howard Sanderford | Mr. Kenneth Boswell |
| Mr. Luther Roberts, Jr. | Dr. Andrew Hugine |
| Mr. William Hutto, Jr. | Dr. Robert Altenkirch |
| Mr. John Cooper | Governor Kay Ivey |
| Mr. Stephen Cook |  |

Dr. John Eagerton, IV

Minutes from the last meeting were corrected and approved.

Dr. Barnhart presented results from the commercial office. The FAA appears to be eager to work with us and willing to converse.

**Presentation**

Mike Gold, Vice President for Regulatory, Policy, and Government Contracts for Maxar Technologies, and the General Counsel for Radiant Solutions (See Power Point).

1. SSL- The World’s Leading Provider of Commercial Satellites
2. Satellite Assembly- Dragonfly
3. Satellite Servicing (RSGS)
4. Persistent Platforms
5. Recycle
6. Repurposed Upper Stages
7. Space Lounge System
8. NASA and America Need Leadership
9. Be more than a spaceport

**Discussion**

Dr. Barnhart wanted to know what the draw is and Mr. Gold answered that there is no radical new development.

Mr. Cook asked if the economics sphere was on the Broderick Scale vs. Niche and Mr. Gold said that it is Niche.

Mr. Cook asked about commercialization and Mr. Gold said that few government dollars can go a long way. We can get that funding from the private sector.

Dr. Altenkirch asked Mr. Gold what his thoughts on Space-Force were and Mr. Gold said that we’re behind on this.

Someone asked about SLS and Mr. Gold said we need both big and small satellites.

Dr. Barnhart asked if they plan to build in robotics servicing for persistent platform and Mr. Gold responded positively.

Someone asked how the Marshall Space Flight Center can be the most effective moving forward in helping encourage the new space economy advance in exploration and Mr. Gold’s answer was to follow the money.

Dr. Barnhart asked if Mr. Gold could characterize the offensive threat to Geo at this moment in time and Mr. Gold’s answer was “devastating.”

Sen. Dial asked Mr. Gold to give some outside guidance of things we could focus on as a committee from the State of Alabama to go forward and Mr. Gold said that the private sector is missing out on the replacement for the international space station. Also, Mr. Gold said that there is a lot of hope for a commercial space station, but the business case is still immature.

Mr. Cook told Mr. Gold that he liked his thought about in-space manufacturing and Mr. Gold said it was less sexy, but more money and that we need to drive costs down.

Sen. Dial Thanked Mr. Gold for coming and recommended that this committee starts the initial process to fill out an application to get a license to get a Spaceport.

**Resolution**

Motion: Rep. Sanderford

Second: Senator Dial

Vote: Unanimous

Moved to begin the process of filing an official application with the appropriate Federal officials for a license for a Spaceport that includes both a Horizontal and a Vertical launch and landing, and furthermore, that the appropriate Federal officials to include our Congressional delegation, be notified of our intent.

Motion: Mr. Roberts

Second: Mr. Cook

Vote: Unanimous

Moved to draft a resolution – Draft submitted via email after the meeting (see below)

WHEREAS, a Part 435 application will be filed requesting that the Federal Aviation Administration issue a license to operate a reentry space vehicle (which said project is known as “Dream Chaser”) and Huntsville International Airport, working with several private aerospace engineering contractors, will also file a Part 433 application for Huntsville International Airport to be permitted as a reentry site for such space vehicle; and

WHEREAS, the Alabama Space Authority is charged with encouraging space research work and facilitating technology transfers in our state; and

WHEREAS, if the Dream Chaser project is approved and if a mission is secured, the said project will certainly accomplish several of the purposes for which the Alabama Space Authority was formed.

NOW THEREFORE, be it resolved by the members of the Alabama Space Authority that the Alabama Space Authority fully supports the applications to be filed in connection with the Dream Chaser program, using Huntsville International Airport as a reentry site for the space vehicles; and

FURTHER RESOLVED, that the Alabama Space Authority fully supports the attempts to secure missions for Dream Chaser utilizing Huntsville International Airport as the reentry site for the space vehicle.

Motion: Mr. Cook

Second: Dr. Barnhart

Vote: Unanimous

Moved to begin process to host Governor Ivey in advance of Vice President Pence attending summit in Huntsville.

**Adjourn**

11:55 A.M.