UASRCC MEETING MINUTES

Monday, September 9, 2013. Badlands Room, Memorial Union


GUEST: P. Johnson, B. Becklund

ABSENT: K. Porter

B. Milavetz called the meeting to order at 11:05 a.m. Had members introduce themselves.

1. P. Johnson thanked everyone for attending today’s meeting. Discussed how involvement with UASs is growing. She gave an introduction and discussed how the committee came about from an idea that B. Milavetz had at a meeting that they were at with Aerospace. It currently is the only committee of its kind that has been working for a year at UND. The committee is modeled after other UND review committees. The committee will review proposed research involving UASs. Some of the proposed research will not need to be reviewed by this committee. Eventually would like a catalog of all UAS research that is being done at UND. She stated that each member of the committee is an important part since come from different areas.

2. Election of Chair. B. Milavetz discussed that the S. Morrison who was the chair last year resigned from the committee. It is stated in the charter that the chair needs to be a UND faculty member, so right now bound by charter but could change for in the future. B. Milavetz discussed what the duties of the chair include. B. Milavetz asked if there was anyone from the University who would be interested in being chair. G. Lloyd motion and asked if B. Milavetz would be willing to serve as chair. He stated the reason is to not allow administration to have too much power. G. Hoover stated would be fine for B. Milavetz to be chair. C. Juntunen stated that B. Milavetz is usually the person to turn to if needs something to be resolved and if he was chair may be a conflict. Discussed that administration at UND usually serve as ex-officio on UND committees. Motion didn’t receive second. A. Frazier motion to make ex-officios voting members since have always been in attendance at the meetings. Motion didn’t receive second. P. O’Neil motion for T. Heitkamp to serve as chair. G. Hover and B. Huschle second the motion. G. Hoover motion to close nominations. M. Nelson second. Nominations closed. T. Heitkamp will serve as chair.

3. Introductions of Airframes. A. Frazier brought to show the committee the Qube airfare. He stated that it has separate station for the sensor system operators. He gave a quick overview of area it covers. A. Frazier gave report of what has been done with previously approved projects. He stated that there are three goals the first is almost 90% completed which is to develop concept of operation, second is to develop training program, third is gathering additional information on what the aircraft can and can’t do. Discussed how each goal is being met. Stated may add a fourth goal in the future.

A. Frazier discussed the five mission sets that were approved last year; Crime and Traffic Accident Scene Documentation, Missing or Lost Persons, Post Disaster Assessments, Search for Serious Crime Suspects, and Monitoring Vehicular Traffic at Major Public Events. He then discussed what has come about from the review process that took place last year such as signage when UAS is in use. To date he has had five missions been done to date from the
approved mission sets. He discussed how he has worked with law enforcement during the missions. Two of the missions were for missing person, one was for traffic accident, another was for train hitting city vehicle. M. Nelson discussed how the process worked for the data transfer and was used in the investigation of the train collision. The last mission was at Turtle River State Park to help with flooding issues and record historical data. He stated at this time can fly within an hour’s notice within 16 counties in North Dakota. He is also in the process of seeking approval for night missions. He would like to have 100 night missions over the winter completed.

A. Frazier has been working with different agencies to get UASs to be visible by air traffic control. This would allow UAS use in areas that have high volume of air traffic but as also high crime rates. He will be working with the airbase to test the technology. He stated it may be the fourth goal. C. Juntunen asked if resolution of images has changed from what had previously been shown to the committee. A. Frazier stated that it has remained the same except for the Qube which has infrared. T. Heitkamp asked for written reports from A. Frazier on the missions.

4. General Discussion. There is a meeting scheduled later in the week with C. Juntunen, M. Bowles, B. Milavetz, T. Heitkamp along with two other individuals to discuss the possibility of a study to get an idea of community issues/thoughts of UAS use and go back a year or so later to see if perception has changed. G. Lloyd asked if there isn’t something on the City of Grand Forks website to ask the questions to the community. P. Haga stated that what is on the City of Grand Forks website isn’t scientific so wouldn’t be able to get end data. B. Huschle asked if it would be a national survey or just in this area. C. Juntunen stated would be local at this time to help this committee. T. Heitkamp stated that Department of Justice may be very interested in the study and the end results.

Discussed 11:00 on Mondays would usually work for majority of the members. On next agenda will discuss charter and structure. A. Frazier motion to adjourn. G. Lloyd made suggestion to put out news release that committee is again meeting. C. Juntunen asked if could wait until small group has met.

Meeting adjourned at 11:57 a.m.