



Northeast Ohio Flight Information Exchange (NEOFIX)

Data Sharing and Base Layers Group Stakeholder Meeting

Monday, May 22, 2023

Group Lead: Scott Drew, ATA, LLC

Description: The group aims to enhance data-sharing efforts to incorporate ground space data into the system. The focus is on developing initial data layers specific to Cuyahoga County to support safe and efficient flight operations and obtain FAA approvals for advanced operations.

Outcome(s):

- Objective 1: Identify, collect, and load relevant data from sources in Cuyahoga County into the system configuration
- Objective 2: Utilize ArcGIS subscription, direct system integration, file data load, or manual creation as necessary

Meeting Agenda:

- Determine the location of data assets based on the expertise within the group and the data shopping list.
- Identify administrative owners of policies.
- Identify administrative owners of data assets.
- Identify physical/technical owners of data assets.
- Determine the required administrative and technical access to each asset.
- Establish next steps for accessing each listed asset.
- Determine the date of the next Data Sharing group meeting.

Meeting Minutes:

Stakeholders exchanged the bulletized ideas during the discussion.

- FAA ATO_LAANC_USS Performance Rules v7.0.2 were reviewed, focusing on the importance of ADS-B sensors and sensor networks for enabling BVLOS flight.
- Quantitative data can only be obtained by installing and functioning systems.
- First Energy: Howard will reach out, and John will send an email to Melissa Frank (not in attendance). - John will follow up.
- Dan Meany and Tom Fisher: Public safety permitting requirements, emergency management, hazards, and obstructions were discussed.

- Strongsville ECC offered regional dispatch support and expressed willingness to integrate CAD and ground data.
- Aaron Pierce tentatively plans to deploy sensors later this summer. API integration is targeted for June and July. Different configurations of RemoteID receivers are being considered. Pierce Aerospace can provide available data and is open to briefing public safety officials. Exploring partnerships with local businesses.
- Market opportunities are expected to increase with the establishment of baseline infrastructure.
- Promotional pricing options for supporting public safety hardware with RemoteID and sensors were discussed.
- Funding possibilities for sensors were considered.
- Nate Roby from Dominion Energy mentioned their infrastructure in Cuyahoga County and offered assistance with installation and administration.
- ZipLine is willing to share sensor data from their vehicles.
- ODOT representation is being pursued.
- Downtown Cleveland's 3D dataset and geospatial data were mentioned. Howard will reach out for further details.
- AT&T, Verizon, and Crown Castle own several towers. John and Kyle will request data.
- Kyle mentioned having the KMZ file, providing a rough picture of the area.
- Hannah is the data steward.
- The buffer to obscure tower locations will be incorporated into the system as Hazard/Obstruction.
- MetroParks attendees confirmed their drone policy. Stuart will follow up to obtain a policy reference.
- Geospatial data and actual files will be provided by Dan Meany and Tom Fisher.
- Points of contact for Kent State, Portage County, and Akron Fulton will be provided by Howard, and Kyle S. - Howard will follow up.
- FAA emphasizes the need to see the system working holistically.
- Takeoff/landing sites should be added to the system.
- Qualitative data cannot be obtained until the systems are deployed.
- No sensors currently in Cleveland, but potential deployment in the summer.
- API integration and scheduling are targeted for June and July.
- Pierce Aerospace focuses on different configurations of remote receivers (tier 1, 2, 3).
- Hardware updates can be made, and data provision streamlined to avoid issues.

Next Meeting. The group meeting is pending in June. The in-person group meeting is scheduled for June 21, 2023, at Baldwin Wallace University Knowlton Center, Second Floor, from noon – 2:30 PM. Attendees were encouraged to register and invite one additional stakeholder to register via the following site: <https://bw-centers-tech-partnerships.org/event-june-21-2023-uncrewed-aerial-system-uas-operators-and-industry-stakeholder-engagement/>