

AFB80 Committee Summer Meeting Agenda

Sunday, July 21

4:00 pm to 6:00 pm	Registration and Reception – Echelon Ballroom 2
6:00 pm	Dinner (on your own)

Monday, July 22

7:00 am to 8:00 am	Group Breakfast - Echelon Ballroom 2
Meeting Begins - Echelon Ballroom 1 (8:00am – 5 :00pm)	
8:00 am	Introductions & Welcome Remarks – Teddy Harris, Cardinal Systems, LLC. Brett Wood, FDOT
8:30 am	Commette Business Meeting - Rachel Lewis, Moderator, Ohio DOT
10:00 am	Break
10:15 am	RCI Pilot Project: A Multi-Sensor Approach to Transportation Asset Inventory – Maurice Elliot, FDOT
11:00 am	UAS-based Lidar: Performance comparison of three LiDAR systems – Qassim Abdullah, Woolpert The Correct Method for Evaluating Geospatial Data Accuracy: Have we done it wrong? – Qassim Abdullah, Woolpert
12:00 pm	Group Lunch - Echelon Ballroom 2
1:00 pm	UAV & Moble LiDAR Data Fusion for FL SR417: Ted Knaak, TopoDOT
2:00 pm	Unanticipated Uses of Mobile LiDAR: Joe Thomas, OrDOT
3:00 pm	Break
3:15 pm	Airborne HD-LiDAR: Design-Scale Mapping for Design-Build Applications - Justin Lahman, AXIS Geospatial
4:15 pm	Committee Reports and DOT reports: – Rachel Lewis, Moderator
5:00 pm	Adjourn - Dinner on your own

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Tuesday, July 23	
7:00 am to 8:00 am	Group Breakfast - Echelon Ballroom 2
	Meeting - Echelon Ballroom 1 (8:00am – 5 :00pm)
8:00 am	Drone LiDAR Systems: Lewis Graham, Geo Cue
9:00 am	Beyond points & pixels: a stereographic compilation feasibility study with unmanned systems Christian Stallings, McKim&Creed - Dr. Orrin Thomas, Cardinal Systems
10:00 am	Break
10:15 am	Caltrans UAS Research Update: John Erickson, Caltrans – Dr. Riadh Munjy, Fresno State University
11:15 am	Legal Issues Concerning Drone Users: issues concerning professional requirements, constitutional issues, and various other laws or regulations beyond what the FAA mandates - Curtis Clabaugh, ESP
12:00 pm	Group Lunch - Echelon Ballroom 2
1:00 pm	DOT reports
1:30 pm	Prepare for Daytona Speedway
2:00 pm	Walk to Daytona Speedway
2:30 pm	Daytona Speedway Tour
5:00 pm	Daytona Speedway Ends
6:30 pm	Group Dinner – Oklahoma Joe’s BBQ

Wednesday, July 24	
7:00 am to 8:00 am	Group Breakfast - Echelon Ballroom 2
	Meeting - Echelon Ballroom 1 (8:00am – 5 :00pm)
8:00 am	State Plane in 2022: A Spatial Odyssey for Transportation - Michael Dennis, NGS
9:30 am	Break
9:45 am	Analysis of NGS' GPS on BMs Program in Support of the Geoid18 Model - Dave Zilkoski, Geospatial Solutions
10 :30	Robust Analysis/Monitoring of State CORS/RTN Stations and the Realization of Spatial Reference Frames: Mike Bevis, Ohio State
11 :15 am	Winter Meeting Discussion – Rachel Lewis, Ohio DOT, Moderator
12:00 pm	Group Lunch - Echelon Ballroom 2
1:00 pm	Support From Above: Creating accurate digital terrain models with unmanned aerial aystems to support state DOT Pre-Construction Surveys - Ryan Burley, Juniper Unmanned
1 :45 pm	Comprehensive unmanned canal asset inspection: understanding the impact of scale – Jim Oliver, DataSight
2:30 pm	Break
2:45 pm	Open Discussion – DOT Reports (continued), Annual Meeting Planning, Unfinished Business – Rachel Lewis, Ohio DOT, Moderator
5:00 pm	Adjourn (Dinner on your own)