The purpose of this meeting is to gauge interest in a Working Group specifically focused on defining and addressing the noise goals of urban air mobility vehicle systems. The Working Group would rely on stakeholders across industry, government agencies, academia, and community groups to focus efforts on reducing or eliminating the barriers associated with community noise through vehicle noise mitigation and vehicle operations.

8:30 am  Welcome  
Mike Doty

8:35 am  Urban Air Mobility Overview  
Michael Patterson

8:50 am  Noise as a Barrier Issue  
Doug Boyd

9:05 am  Discussion I – Technical questions to get us started  
Steve Rizzi and Dennis Huff  
(Facilitators)
• What is “acceptable” noise for these vehicles?

• What level of performance or operational aspects would you be willing to sacrifice to achieve low noise?

9:35 am  Discussion II – Motivation and Participation  
Dennis Huff and Steve Rizzi

• What would you as a participant hope to gain from a Working Group with this focus?


• How can the discussions remain precompetitive to encourage maximum participation?

10:05 am  BREAK
10:25 am  **Discussion III – Role of NASA**  
**Dennis Huff and Steve Rizzi**

- What do you see as NASA’s role in UAM noise? What would be most helpful?
  - Coordination
  - Tools
  - Facilities
  - Other

- What about role of other government agencies (FAA, local governments, etc.)?

10:40 am  **Discussion IV – How to Proceed**  
**Steve Rizzi and Dennis Huff**

- What kind of representation would be needed to make the Working Group successful?

- What level of activity do you think is appropriate for a potential Working Group? Quarterly, semi-annually? Should it be held in conjunction with the NASA Acoustics TWG meeting or at technical conferences?

- What meeting format would you consider most productive . . . Presentations like the TWG? Panel discussions on particular topics? Moderated discussion on meeting pre-work packages prepared and sent ahead of the meeting?

11:10 am  **Open Discussion (questions, items not covered, go-backs)**

If time permits …

- Would you be interested in participating in one or more workshops (akin to the AIAA BANC* Workshops) directed at noise of UAM vehicles and their operations?

- What are vehicle attributes and/or operations that might allow acceptable noise?

- What roles do you see for other convergent technologies (autonomy, data analytics, etc.) toward reducing UAM noise?

11:25 am  **Closing Comments**  
**NASA Acoustics Management Team**

* Benchmark Problems for Airframe Noise Computations