

# **DRAFT**

## **MINUTES**

### **San Francisco Airport Community Roundtable**

#### **Subcommittee on Ground Based Noise**

**January 30, 2020**

#### **I. Call to Order (Chair Ortiz)**

The meeting was called to order at 9:30 am

Members Present: Chairman Ricardo Ortiz (Burlingame), Councilman Al Royse (Hillsborough), Councilwoman Ann Schneider (Millbrae), Councilwoman Cecilia Taylor (Menlo Park)

Staff Present: Linda Wolin (office of Supervisor Dave Pine), Kathleen Wentworth (office of Congresswoman Jackie Speier). Justin Cook (HMMH) and Bert Ganoung (SFO NAO) participated via telephone.

Members of the Public: Peggy McLaughlin (Hillsborough), Yvonne McHugh (Richmond)

#### **II. Follow-up Discussion on Vegetation**

The Subcommittee reviewed the HMMH Technical Memorandum dated January 3, 2020, regarding Vegetation and Noise Effects. Justin Cook (HMMH) summarized the technical memorandum. Main points: vegetation is most effective close to the source or close to the receiver; line of sight and density are important factors; in the right circumstances, noise reduction could be 5-10 dB.

There was discussion of upwind and downwind flight paths and how wind direction could impact ability of vegetation to mitigate noise. There was discussion regarding the types of vegetation that might be most effective, and types of materials used in construction.

*Follow-up:* Need more information about the materials used for ground cover at SFO (hardscape vs softscape). SFO ANAO should provide more information including improvements made before and after runway construction and the types and location of surfaces.

#### **III. Follow-Up Discussion on Spectral Data Noise Analysis**

The Subcommittee reviewed the HMMH Technical Memorandum dated December 7, 2019, on Spectral Data Noise Analysis at noise monitoring terminal locations 8, 9, 10 and 11. HMMH

used all spectral data, unweighted, to review data from three time periods: April 2013 (prior to construction); April 2014 (during construction) and September 2014 (after construction). In general, when comparing the spectral noise level averages from prior to and during the construction, the low and high frequency averages increased. When comparing the spectral noise level averages from prior to after construction, low frequency averages decreased, and the high frequency averages increased.

*Follow up:* HMMH to add analysis of April 2015 and 2019 data. HMMH to add a map showing locations and elevations of noise monitoring terminal locations 8, 9, 10 and 11.

#### **IV. Follow-Up Discussion on SFO Aircraft Noise Abatement Office Methods on Reporting Ground-Based Noise to the SFO Community Roundtable**

Bert Ganoung from SFO NAO presented the various data that could be included in future noise reports and asked Subcommittee for feedback. Will include three time periods (7AM-7PM; 7PM-10PM; and 10PM-7AM).

*Follow-up:* Bert to prepare a strawman report using some of this data. He will share with Subcommittee members to get additional feedback.

#### **V. Noise Modeling**

Justin Cook (HMMH) presented highlights from the Technical Memorandum dated December 7, 2019, on Information/Data Request to Conduct Noise Modeling. The Subcommittee reviewed the choices of variables that could be included. The Subcommittee asked Justin to prepare a strawman proposal, and to include a summary in the beginning about the purpose of the report.

*Follow-up:* Justin to prepare a strawman proposal of a noise modeling study, to include variables mentioned by the Subcommittee.

#### **Adjournment**

The meeting was adjourned at 11:30 AM.