

Section 5

Work Plan including staffing and schedule—provide a well-conceived proposal establishing understanding of City’s requirements and proposer’s ability to satisfy the requirements, schedule, and approach in providing the services. Proposer may also suggest technical, procedural innovations, or new concepts that have been used successfully on other engagements and which may provide the City with better service delivery.

Work Plan

This represents the team work plan to develop and analyze options to mitigate airplane noise generated by South Flow Arrivals to San Jose International Airport for the Cities of Mountain View and Los Altos. The following summarizes the major scope items and our proposed approach.

1.0 Project Kickoff (January 22-26, 2018)

- 1.1 Randy Waldeck and Dennis Hughes will meet with the Cities of Mountain View and Los Altos to kick-off the project, understand the Cities’ concerns, and review the proposed Work Plan.
- 1.2 The team will revise the Work Plan per the kick-off meeting discussions/agreements.

2.0 Data Review (January 29-February 16, 2018)

- 2.1 Review current South Flow arrival flight paths into San Jose International Airport.
- 2.2 Determine whether vectoring of aircraft due to airspace congestion is negatively impacting Mountain View and Los Altos.

3.0 Assessing Alternatives (February 19-March 23, 2018)

- 3.1 Identify alternative routes and/or changes to existing routes. For each route (or procedure) alternative, an analysis of the feasibility (i.e., acceptance by the FAA) will be conducted. Calculate the decrease or increase in noise and flight time.
- 3.2 Evaluate other aircraft operational alternatives such as “fix crossing altitudes” and “windows” for Optimized Profile Descents (OPD’s) and waypoint evaluation (fly-over v. fly-by). SIM testing will be considered.
- 3.3 If delayed vectoring has occurred, determine whether vectoring can occur over non-sensitive areas (e.g., over the ocean or Bay).
- 3.4 Evaluate “forced” dispersion of arrival aircraft over Mountain View and Los Altos. Many of the complaints regarding Metroplex/NextGen noise is due to the concentration (densification) of flight tracks due to the use of GPS rather than land-based navigation. We will determine whether it is feasible to disperse flight tracks, and will quantify expected noise reduction/increases.
- 3.5 Review all current and proposed flight path changes/modifications with Mountain View and Los Altos. Prepare a summary briefing of our findings for City staff preparation of public reports.

4.0 Meeting Attendance (January through June 2018)

- 4.1 Meet with Mountain View and Los Altos monthly to discuss project progress. Provide meeting notes and minutes after each meeting. Randy Waldeck will attend all meetings; Dennis Hughes will attend one meeting in person, remainder via conference call.