

Appendix 8 Aurora State Airport - Airport Master Plan

Introduction

This Appendix contains content related to the preliminary forecast models presented in previous drafts of Working Paper No. 1 that are not included in the revised Aviation Activity Forecast (Chapter 3) in Working Paper No. 1 (August 2023). This information provides a record of draft forecast development and includes preliminary models that were presented and discarded during various stages of consultant and FAA reviews.

The August 2023 Working Paper No. 1 includes revised aviation activity forecasts that reflect FAA review comments provided on earlier drafts of Working Paper No. 1, including several review-comment-respond sequences involving FAA staff. A summary of the timeline associated with Working Paper No. 1 is provided below.

Draft Working Paper/Chapter Completed	Date sent to FAA	FAA Contact	Date received comments from FAA	FAA Contact	Notes
PAC Meeting 1 - November 16, 2021					
Working Paper 1	25-Feb-22	Benjamin Mello	3-Mar-22	Benjamin Mello	JLA emailed PAC WP 1 & updated website
PAC Meeting 2 - March 1, 2022 PAC Working Session April 5, 2022 PAC Meeting 3 - May 3, 2022					
Working Paper 1 - Revised	20-May-22	Benjamin Mello	17-Aug-22	Benjamin Mello	Website updated with CWE to FAA WP 1 Memo, PAC letters and responses, and updated WP 1.
Working Paper 1 - Revised	30-Sep-22	Benjamin Mello	N/A	N/A	Sent FAA WP 1 memo with responses to comments. JLA updated the website with the memo.
PAC Working Session November 15, 2022					
Working Paper 1 - Forecast Comments	13-Dec-22	Tim House	25-Jan-23	Tim House	FAA requested that the comments and proposed changes from the memo be incorporated into the draft WP 1.
Working Paper 1 – Revised	14-Feb-23	Tim House	11-Apr-23	Tim House	
Working Paper 1 – Revised	Aug-23	Tim House			

The extended period of FAA forecast review and coordination addressed forecasting methodologies, and a wide range of data issues including availability, reliability, and the practical limitations associated with forecasting activity at general aviation (GA) airports. The FAA forecast review leading to the August 2023 revised Working Paper No. 1 also provided access to internal FAA historical summaries of validated based aircraft count data for Aurora State Airport that were not available in the earlier drafts of Working Paper No. 1. As noted in Chapter 3, these data were subsequently incorporated into the development and evaluation of updated based aircraft forecast models.

The August 2023 update of Working Paper No. 1 includes changes in the recommended forecast models for based aircraft and annual aircraft operations. As noted above, the forecast chapter in the revised working paper represents a significant amount of coordination with FAA staff to arrive at the revised recommended forecast.