



TRUCKEE TAHOE AIRPORT DISTRICT BOARD OF DIRECTOR STAFF REPORT

AGENDA TITLE: Review and Possible Approval of Updated Aviation Forecast

MEETING DATE: June 23, 2021

PREPARED BY: Kevin Smith, General Manager

RECOMMENDATION: Review and consider approval of the updated Airport Aviation Forecast replacing the previous forecast as found in Chapter 2 of the 2015 Master Plan.

DISCUSSION: Last year the Board approved funding, based on Staff recommendations, to update the aviation aircraft forecast as found in the District Master Plan. The attached Aviation Forecast is an update and chapter replacement for Chapter 2 of the 2015 Master Plan. It is common to complete periodic forecast updates to assure District guiding documents are up to date and account for changing circumstances. Aviation forecasts are useful planning tools explaining and predicting future aircraft traffic and operations at airports. They are also used by FAA for funding assistance and long-term facility planning.

Brad Musinski of Mead & Hunt will be present at the meeting to provide the Board a full overview and presentation at the June 23, 2021 Meeting. As this is a somewhat technical document, we have provided an outline of important sections to assist in your review. Some of the items in the plan are FAA required inclusions. The following are important sections of the plan to review:

- Historical operations and based aircraft: Pg. 2-5 through 2-9 – This section explains the last 10 years of ops and based aircraft and how TRK counts these and what the FAA recognizes.
- COVID effects on housing: Pg 2-18 – While most are familiar with the Pandemic effects on Housing, for forecast purposes the influx of new residents has had impact on the forecast.

- Demand Influences: Pg. 2-24 through 2-27 – This section provides some interesting discussion on local factors and how we used demographics to correlate to historical and future operations/based aircraft.
- Preferred operations forecast: Pg. 2-38 through 2-41 – This section summarizes the different forecast methods as well as our preferred recommended forecast methodology which is the Turbine Regression as found in Figure 2-32. The Section then details the forecast for local, itinerant, and air taxi operations.
- Based aircraft forecast: Pg. 2-45 – This summarizes the based aircraft forecast.
- Forecast summary: Pg. 2-48 – This is the written final Forecast Summary outlining key findings of the forecast.

FISCAL IMPACT: An updated and current Aviation Forecast is one of the few components approved by the FAA as part of our master planning efforts. It can enhance the Districts ability to seek and secure federal funding for our projects. The cost to complete this forecast, inventory, and airport layout plan set was \$90,000. The Inventory and ALP will be provided later.

SAMPLE MOTION: I move to (approve, continue, deny) the June 2021 updated Aviation Forecast and recommend replacing the previous 2015 forecast with this new updated Forecast.

ATTACHMENTS:

New Updated Aviation Forecast

2015 Master Plan Aviation Forecast – for reference purposes