



Aviation & Community Services Team Report

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Item 1 – Monthly Operations and Comment Report - David VanQuest.

A report summarizing District noise and annoyance comments, response, curfew, and summarized data (Exhibit 1A).

Item 2 – Monthly Flight Procedures Update - Hardy Bullock.

The Flight Tech Engineering Team (FTE) consultant team had a meeting with Oakland Center the week of 8/23/21 to discuss procedure integration. The meeting went well. Oakland Center integrated their National Air Traffic Controllers Association, (NATCA) representative who is charged with portions of the procedure integration. Other stakeholders included Nor Cal approach control and the regional safety team. The project is on track to provide an update to the Board for procedure feasibility in December of 2021 or early spring 2022. (Exhibit 2A)

Item 3 –Agency Partnerships – Marc Lamb.

Staff attended the Tahoe Truckee Community Foundation’s inaugural Agency Partnership public outreach workshop at 1:30pm on Wednesday Sept 8, 2021. Phyllis McConn TTCF’s program administrator did a fine job representing the Airport District and its Agency Partnership program. It was mentioned multiple times that TTCF was just managing the administrative side of the program and that the Airport District Board of Directors had final say on any potential partnerships and funding decisions. Staff filled in where needed, typically with historical program information and or with answering a few questions from attendees about the program.

TTCF invited potential applicants that they thought might be interested in the program and could fit the application requirements. There were 31 Zoom meeting attendees including three TTCF staff and District Staff, 27 interested parties, which included Kathleen Eagan, Emily Vitas and Louis Zabriskie representing Friends of the Library to name a few. The next phase is submission of Letters of Interest (LOI’s) from interested applicants.

TIMELINE:

PHASE I – Letters Of Interest Process

- Sept. 8 | 1:30 pm: Workshop for interested applicants
- **Sept. 8-21: Open for LOI submissions after the workshop**
- Sept. 21-23: Internal review and due diligence
- Sept. 24-30: TTCF Committee decisions
- Sept. 30: Notify finalists

PHASE II - Full Application

- Oct 1-29: Open for full proposal submission
- Nov 2-16: TTCF Committee members review proposals
- Nov 17-22: TTCF Committee meetings
- Dec 1: TTAD Airport Board of Directors meeting
- Dec 2: Notification of funding decisions

TTAD has reached out to organizations that have made recent inquiries about the Agency Partnership program, provided updates, and TTCF contact info. 8/16/2021. The TTAD Board should expect to hear from qualified Agency Partnership applicants as early as the October 27 or December 1, 2021, board meetings.

Item 4 – Skydive Truckee Tahoe

Staff conducted a meeting with Oakland Center, Midwest ATC, District Counsel Peter Kirsch and Skydive Truckee Tahoe to review the Standard Operating Procedures for Skydive Truckee Tahoe in the airspace below 18,000 feet MSL and above the or outside the limits of the CLASS D airspace for which the control tower is responsible. The Truckee Tahoe Airport, nor the control tower space has jurisdictional authority over aircraft of any type in this airspace. Staff is working directly with Oakland Center, the controlling authority, to enhance safety and reduce annoyance caused by the skydiving operation.

Item 5 – Aircraft Accident Tables and Map

Per Board and Staff discussion at the last Board Meeting, staff completed a map depicting a KTRK 10-year summary of accidents and incidents as well as an analysis of comparable airports. The data presented is from NTSB records and for the most part includes any activity directly related with KTRK. It does not include data for accident aircraft that neither originated nor departed from KTRK, such as overflights. The tabular data summarizes another 20 years of accident data. Staff welcomes Board input on format of the exhibits and requests direction on the final audience and the intended purpose so we may better assist with the final public facing maps and exhibits. You may view the map here: <https://www.google.com/maps/d/edit?mid=1HzwIX3p-YDZf2vDq3MtaJcYaGCqc2LIE&ll=39.325076584030896%2C-120.16484461702863&z=13>

(Exhibit 5 A-D)

Item 6 – Multi Lat Decommissioning

The Truckee Tahoe Airport District has successfully installed and integrated ADSB surveillance. The legacy multi-lateration (MLAT) flight tracking system is beginning a process of partial decommissioning. This cost saving measure is being evaluated against the District needs for situational awareness of the airspace volume surrounding the airport and the Class D surface area under air traffic control specifically. Because some aircraft still use older tracking technology, it is recommended that the MLAT system be significantly scaled down but remain operational. This will reduce the annual maintenance cost from \$120,000 to \$80,000 in FY 2022. The abandonment of the commercial sensor site leases and reduced annual maintenance result in a net savings of \$40,000.

At the present time, two categories of aircraft that routinely fly at KTRK rely on MODE 3AC tracking which is only picked by our MLAT system. These are gliders and older, typically smaller, general aviation single engine aircraft. As measured by equipage data and outlined in the attached analysis, this group accounts for approximately 3% of overall traffic at KTRK. Staff and the industry as a whole expect this number to dwindle eventually to zero over the next 5 years with total ADSB equipage within the fleet that uses KTRK.

Staff plans to review equipage rates in late 2022 and reevaluate the MLAT feasibility and safety benefits. At that time, the system may be decommissioned entirely depending on the results of the analysis. Joe LaMacchia, Principal Navaid Technical Solutions will be attending the Board meeting to answer any questions on this item. A comprehensive report has been developed. Staff and Navaid are using this technical guidance as we evaluate decisions related to the final life cycle of the MLAT system.

Item 7 – Flight Operations Data

This is a staff-initiated effort to provide a more detailed assessment of annual operations over time for District use as well as public dissemination to answer questions related to total annual airport operations. These totals are comprised of the best available data from the time period and include estimations for touch-and-go operations and actual glider counts. The data here represents any and all possible sources of aircraft traffic. See Exhibit 7A.

Noteworthy

- Staff has worked with Nevada County Public Health to complete required testing of the area Director Hetherington requested on Reynold Way near the Challenger crash site. The results came back negative for hydrocarbon contamination.
- On Tuesday September 7, 2021, Midwest ATC announced its “Tower Of the Year”. Our very own Truckee Tower was the 2020 winner and selected from 60 domestic tower

facilities and 91 worldwide facilities as the best, most well run and successful tower in the system. The District is very proud of Larry Finney, Karin Hardiman and the whole team.

- Staff is preparing for a community event with the Truckee Donner Chamber Annual Awards taking place in Hangar N1 on September 24, 2021.
- Emily Pindar has changed departments and taken over the Accountant role following Sean Holmes departure from TTAD. AVCOM Staff has absorbed this role and looks forward to filling the position in the future.