



**TRUCKEE TAHOE AIRPORT DISTRICT
BOARD OF DIRECTORS STAFF REPORT**

AGENDA TITLE: Update on Alternate Runway Feasibility Analysis

MEETING DATE: Wednesday, February 22, 2023

PREPARED BY: Jeff Menasco, Director of Aviation

PRESENTED BY: Robb Etnyre, General Manager

REPRESENTATIVE: Bradley Musinski, Mead & Hunt, Senior Planner

RECOMMENDED ACTION: None, informational only. Mead and Hunt is contracted to research alternate runway configurations at KTRK. This Feasibility is submitted for review and comment.

DISCUSSION: TTAD has been exploring ways to reduce noise, annoyance, and overflight of the Truckee Tahoe community and residences in the airport's vicinity for many years.

Mead and Hunt is contracted to research potential alternatives to the current runway configuration at KTRK to inform the next Airport Master Plan (AMP) and Airport Layout Plan (ALP). These are FAA approved documents that lay the foundation for how airports comply with FAA standards, and determine if FAA funding is appropriate for future investments.

The attached report with amendments is for review and comment for the Airport Board. Five alternatives were researched and two are recommended as possible options, These alternatives will require further investigation, and all would require approval and funding from the FAA as well as other agencies.

Alternative #1: Build a third runway (16/34).

Alternative #2: Runway 02/20 extension and widening (documented in 2015 AMP).

Alternative #3: Runway 11 displaced threshold – NOT recommended.

Alternative #4: Implement both alternative #1 & #3 – NOT recommended.

Alternative #5: No Runway modifications.

WHAT'S NEXT: Feedback and comment will be incorporated into the final report which will include a recommendation for phase 2 of the Master Plan Update.

FISCAL IMPACT: None at this time.

PUBLIC COMMUNICATIONS: Normal monthly board meeting public disclosure and TTAD communications.

ATTACHMENT(S):

- DRAFT Alternatives Analysis: Runway Feasibility Study
- Appendix A: Preliminary 3rd Runway
- Appendix B: Instrument Flight Procedures
- Appendix C: Runway Use Estimate
- Appendix D: ALP Update Wind Analysis 211210
- Appendix E: HMMH Noise Modeling Tech Memo
- Appendix F: Future Land Use
- Appendix G: Environmental Review
- Appendix H: ROM Cost Estimates