



## **TRUCKEE TAHOE AIRPORT DISTRICT STAFF REPORT**

**AGENDA TITLE: TTSA Transponder Request**

**MEETING DATE: 8/13/19**

**PREPARED BY: Hardy Bullock, Director of Aviation & Community Services**

**RECOMMENDED ACTION:** Discuss the TTSA transponder request. Make a decision to approve or deny the request to provide funding for two tow plane transponders.

**DISCUSSION:** The ACAT directed staff to answer questions related to the cost of the transponders, Sierra Aero's ability to donate time for installation, and any additional investment on the part of TTSA. In an e-mail dated 7/16/19 staff responded to these requests. These request are also summarized here:

1. (Q) Is there a more affordable method of equipping these aircraft with ADS-b out? (A) Not really. The transponders are so old that installation of an augmentation system with the existing analog transponders isn't appropriate based on deficiencies with those units currently. Also the antennae needs to be changed out to make it work. The Stratus ESG is the recommended affordable solution.
2. (Q) Is Sierra Aero willing to donate their time to do the work? (A)No but they will give the airport the 15% discount on the labor.
3. (Q) What skin does TTSA have in the game? (A)They are ready to contribute and purchase i-pads and pay for ADS-b in to see traffic inside the cockpit.

**WHAT'S NEXT:** Approve or deny the request.

**FISCAL IMPACT:** \$10,000 if approved.

**PUBLIC COMMUNICATIONS:** Covered through the public meeting notification system.

**SAMPLE MOTION(S):** I XXX moved to approve/deny/modify the request for ACAT funding of two tow plane transponders.

**ATTACHMENTS:** (1) *ACAT Community Engagement*, (2) *KMSITH Facts*, (3) *KSMITH Summary*.