



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

**AGENDA TITLE: Temporary Seasonal Control Tower Update**

**MEETING DATE: May 24, 2017**

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

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**RECOMMENDED ACTION:** Review the staff report for the temporary seasonal control tower (tower), and ask questions as needed pertaining to the construction and program activity for the project.

**DISCUSSION:** This report serves as a Board update on the tower status and pilot and public outreach timelines. The project is on schedule. Staff anticipates a June 1, 2017 tower opening with an additional two week buffer built in for any unanticipated delays. The following is a list of completed project milestones and upcoming events:

- Tower construction is substantially complete. Containers placed, cab placed and secured, utilities, complete, welding 80% complete.
- Letter of Agreement and formal meetings outlining operating behavior completed to date:
  - Truckee Tahoe Soaring Association
  - District / Midwest ATC
  - Oakland Center/Northern California Approach
  - Skydive Truckee Tahoe
  - Regional Emergency and Law Enforcement Response
  - Care Flight EMS
- UNICOM internal procedures training on communications, ground movement, parking
- Radio modifications to District vehicles and UNICOM
- FAA Chart Modifications
- FAA Rulemaking Class DELTA surface area designation submittal
- Flight Tracking Engineers Display Installation
- Automated Weather Observation System Installation
- Peak Period aircraft handling plan construction
- Air Traffic Control Scenario Planning

- Air Traffic Control Orientation Flights
- Air Traffic Controller Training

The extensive pilot and community outreach schedule being conducted by staff is listed on a spreadsheet at the end of this report. Highlights include:

- Friday afternoon fireside discussions
- Pilot Roadshows
- Connected Newsletter
- Pilot Newsletter
- Monthly E-blast
- Sierra Sun Newsprint
- EAA Chapter Meeting
- Cirrus/Tower Open House Event on May 26<sup>th</sup>

**TOWER AESTHETICS:** There has been considerable discussion regarding the color of the tower. It has been decided that the lower container portion of the structure will be painted green matching the current color on the surrounding aeronautical hangars. It was decided that the red steel super structure would remain unchanged as it provides contrast to the white tower cab. The cab will remain white until such time the District decides the ultimate utility and application of the tower. Below is a rendering of the tower painted green. \*Note\* the stairs are missing in the photo although they will be painted green as well.





**WHAT'S NEXT:** The last two weeks of May will be the training and certification period for the tower controllers. The FAA arrives June 1, 2017 at 7:00 AM to “test” and certify the tower for operation. Staff will conduct flight operations of varying types and nature to provide a scenario-based experience for the tower staff in advance of the busy summer season. These operations will take place from June 1-7. The Board of Directors will receive another update on June 28, 2017 at the regular meeting.

**FISCAL IMPACT:** Approximately \$500,000 for FY 2016/2017.

**PUBLIC COMMUNICATIONS:** See “Pilot & Community Outreach” calendar attachment

**SAMPLE MOTION(S):** None

**ATTACHMENTS:** Timeline Photos, Pilot & Public Outreach Schedule



## TOWER TIMELINE PHOTO ALBUM



Tower pad earth work - March 27, 2017



Tower "Cab" loaded for shipping Branson, MO - March 30, 2017



Tower "Cab" arrives at KTRK - April 5, 2017



Foundation slab being poured – April 11, 2017





View from inside tower cab – April 11, 2017



Tower cab placement with crane April 12, 2017.













Tower technology installation April 17-21, 2017.



Tower Status May 17, 2017.



## KTRK SEASONAL TEMPORARY TOWER - OUREACH SCHEDULE

Public Relations - Marc Lamb			Aviation Outreach - Katie Greenwood			Aviation Publications - Stacey Justesen		
February	MRL	TTAD website	February	KEG	Airside Pilot Outreach	February	sj	Data Collection
	MRL	Social Media		KEG	Airside Pax Outreach		sj	-Contacts
	MRL	FAA Speaker Event Q&A		KEG	TTAD Road Shows		sj	-Frequencies
March			March			March	sj	-Comms with Mid West-ATC
	MRL	TTAD website		KEG	Airside Pilot Outreach		sj	Contact with ANSPs
	MRL	Social Media		KEG	Corporate Flight Departments		sj	-Jeppesen
	MRL	Terminal Building Flyers		KEG	* WheelsUp, AirSF, NetJets, Jato Aviation		sj	-ForeFlight
	MRL	Monthly Community E-Blast		KEG	* Centurion, Hell Vertex, Surf Air, Toddco Aviation		sj	-Garmin
	MRL	PILOT NEWS hangar tenant mailer		KEG	* Foster Farms, Axis Jet		sj	-AirInc
				KEG	Airside Pax Outreach		sj	-AirNav
				KEG	TTAD Road Shows		sj	NFDC
					*Palo Alto, Concord, San Carlos			-Changes to 5010\Airport Master Record
				KEG	Email Blast/ Pilot News			-Pub date 4/27/17
April			April		* Notify Pilots of Weekly Season Tower	April	sj	AFD changes (thru ADO)
					MTGS in May and June			in process with ADO acting as rep.
	MRL	TTAD website - Home page / NAP page		KEG	Airside Pilot Outreach		sj	NFDC
	MRL	Social Media - Facebook & Instagram		KEG	Airside Pax Outreach			-5010 changes accepted
	MRL	Tower Update Pilot/Public Info Flyers		KEG	TTAD Road Shows		sj	AFD changes (thru ADO)
		On field operators - CAP, EAA, REMSA &		KEG	*Alameda, South County (SCAPA)			-changes accepted
		Sierra Aero		KEG	Corporate Flight Departments		sj	Oakland Center
		Terminal bdg, bulletin Boards, Kiosks,			* JetSuite		sj	MWT (Midwest Towers) Coordination
		Pilot Training /Pilot Briefing rms and UNICOM			Local/Regional Airports - Info Flyers		sj	UNICOM Training
	Sched 4/19	EAA Presentation (w/Katie)			** CITIES TBD			NOTAM ready in que
Sched 4/20	Monthly Community E-Blast	April	EAA Presentation (w/Marc)	May				
Sched 4/28	TRI FOLD Info Graphics mass mailer				* April 19th		NFDC 5010 change verification	
					Conferences		AFD change verification	
					* 99s SW Conference- local pilots		ANSP pub verification	
					Changeable Message Sign		-Jeppesen	
					* Order- TBD		-ForeFlight	
					Magnetics		-Garmin	
					* Seasonal Tower remain on Fuel Tank		-AirInc	
					Website		-AirNav	
			KEG		* Notify Pilots of Tower Q&A Sessions		Oakland Center	
May		TTAD website		AirNav,NBAA, Ads, Publications		NOTAM		
		Social Media		* AOPA, SkyVector, Foreflight Comments		DOI		
		Terminal Building Flyers		KEG	Seasonal Tower Collateral Sent to Operators		MWT (Midwest Towers) Coordination	
		Monthly Community E-Blast			* WheelsUp, AirSF, NetJets, Jato Aviation		UNICOM Training	
		On Field Operators - Info Flyers			* Centurion, Axis Jet, Surf Air, OneSky		Oakland Center	
		CONNECTED mass mailer			* JetSuite		NOTAM	
		Newspapers (local)					DOI	
		Local Mags & HOA News Letters			Airside Pilot Outreach		Oakland Center	
			May	Airside Pax Outreach	June		AWOS Tags	
				TTAD Road Shows			MWT Coordination	
		Corporate Flight Departments				UNICOM Training		
		Local/Regional Airports - Info Flyers						
		*Seasonal Tower Flyers in Bay Area GA Airports						
		*** Cities:						
		Changeable Message Sign						
		Magnetics						
		* Seasonal Tower on 100LL Fuel Tank						
		Website						
June		TTAD website		* Seasonal Tower PDF and Notification				
		Social Media		AirNav,NBAA, Ads, Publications				
		Terminal Building Flyers		* NBAA Insider comes out				
		Monthly Community E-Blast	June	Airside Pilot Outreach				
		On Field Operators -Info Flyers		Airside Pax Outreach				
		News papers (local)		TTAD Road Shows				
		Local Mags & HOA News Letters		Corporate Flight Departments				
		Truckee Thursday		Local/Regional Airports - Info Flyers				
				Changeable Message Sign				
				Magnetics				
		Website						
		AirNav,NBAA, Ads, Publications						