

## Dale Bickel

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**From:** C.Leander <cjleander@ctonefm.com>  
**Sent:** Thursday, October 22, 2020 10:26 AM  
**To:** Dale Bickel  
**Cc:** Suzanne Isken  
**Subject:** 10/22: Contour map & TOWAIR - KFQM-LP Eng STA (BSTA-20201021AAP)

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Dear Mr. Bickel,

Below is a contour map for the proposed Engineering STA application for KFQM-LP (BSTA-20201021AAP). Although all calculations indicated the Eng STA would be fully contained within the main contour, I had difficulty generating a .KML file until after the data was first ingested into CDBS.

Anyway, no other parameters have been changed.  
Since I am unable to amend the STA application to include, it is now included below for confirmation.

With a break between the first and the weather, we wondering if expedited approval is possible, the installation team will be onsite and can complete installation this weekend. Please advise.

Also, where there are FAA flightpath proximity issues, I normally include the TOWAIR calculations, but is now also included below for confirmation that a tower at 20m will be fully cleared. (actual antenna structure will not exceed 17 m).

Please let us know what other information we'd need provide for temporary authorization.

Sincerely,

- Clay Leander  
Engineer for KFQM-LP

Suzanne Isken  
Executive Director  
CAFAM (aka Craft Contemporary)  
Licensee of KFQM-LP FM

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KFQM-LP Channel 268L1, Los Angeles, CA

 60dBu; f(50,50) contour

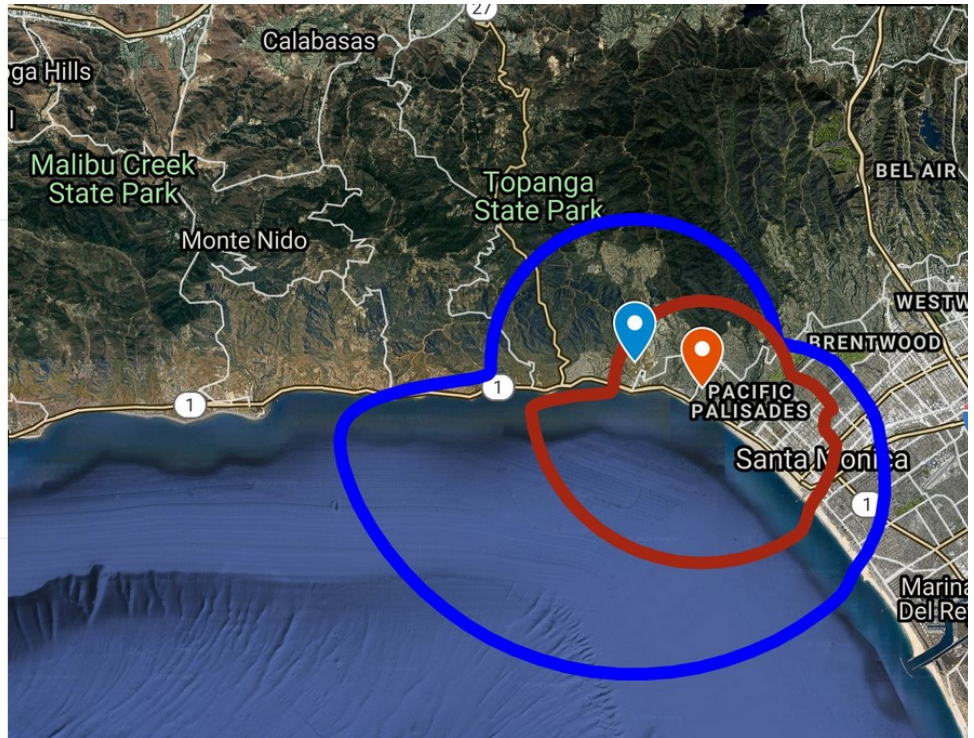
 2FQ9+G8

Eng STA - KFQM-LP 268L1 - .08 kW ERP



KFQM-LP Channel 268L1, Los Angeles, CA

 60dBu; f(50,50) contour



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## Antenna Structure Registration

[FCC](#) > [WTB](#) > [ASR](#) > [Online Systems](#) > TOWAIR

### TOWAIR Determination Results

[? HEL](#)

[New Search](#) [Printable Page](#)

A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

**\*\*\* NOTICE \*\*\***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results							
PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 7633.71 MTRS (7.63370 KM) AWAY							
Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	34-00-45.00N	118-27-19.00W	SANTA MONICA MUNI	LOS ANGELES SANTA MONICA, CA	38.6	1066.8
Your Specifications							
NAD83 Coordinates							
Latitude						34-02-19.9 north	
Longitude						118-31-53.9 west	
Measurements (Meters)							
Overall Structure Height (AGL)						20	
Support Structure Height (AGL)						2	
Site Elevation (AMSL)						88.2	
Structure Type							
POLE - Any type of Pole							