

OPINION LETTER

January 14, 2022

FAA & FCC Not Required

Christine Vergati
 Homeland Towers, LLC
 9 Harmony Street, 2nd Floor
 Danbury, CT 06810



RE: **CT021 - North Branford, CT Airspace Analysis**
Latitude (NAD-83): 41° 23' 44.92" N
Longitude (NAD-83): 72° 47' 35.08" W
Ground Elevation: 278.0 ft. AMSL
Tower tip height: 134.0 ft. AGL
Overall height: 412.0 ft. AMSL

Dear Ms. Vergati,

Our airspace analysis results for the CT021 - North Branford, CT site are as follows:

1. **PER AIRSPACE, filing an FAA Form 7460-1 is not required for the proposed tower height of 134.0 ft. AGL (412.0 ft. AMSL). The maximum allowable height for not filing an FAA Form 7460-1 is 200 ft.**
2. **FCC's TOWAIR Determination indicates that this structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided. The maximum allowable height for not filing an ASR is 200 ft AGL**
3. The proposed site is 5.815 nm South from the nearest public landing facility – 4C3: Yalesville and it is 6.954 nm South from MMK: Meriden Markham Muni. At an overall height of 412.0 ft. AMSL, it does not exceed FAR 77.9 (a) or FAR 77.9 (b) Notice Criteria for MMK airport. This airport has both Circling and Straight-In Instrument approach procedures. It does not exceed any glide slopes of MMK airport. 4C3: Yalesville is a heliport type landing facility associated with the city of Yalesville, CT. MMK: Meriden Markham Muni is an airport type landing facility associated with the city of New Meriden, CT.
4. The proposed site is not within any of the instrument approach procedures of MMK airport.
5. The nearest private landing facility is CT84: Partyka Chevrolet, which is a heliport type landing facility not eligible for study under FAR Part 77 sub-Part C. It is 5.38 nm West from the proposed site.
6. The proposed 134.0 ft. AGL tower would not adversely affect low altitude en route airways and/ or VFR routes in the area.
7. The nearest AM tower is WATX, which is 7.14 mi (11494 meters) away bearing 259.55°. WATX AM is operating a directional type antenna system. As noted per the FCC AM Tower Locator and per FCC regulation 13-115, Section 1.30002, the structure will not require a 'Proof of Performance' measurement study before and after construction.
8. Marking and lighting are not required as FAA notification is not required.
9. All Wireless Applications Corp. analyses are based on the latest AIRSPACE, FAA Notice Criteria Tool and FCC TOWAIR programs.

If you have any questions, please do not hesitate to call.

Thank you.

Ronald W. Lageson, Jr.
 425-643-5000 (office)
 425-649-5675 (fax)





Antenna Structure Registration

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

[FCC Site Map](#)

TOWAIR Determination Results

[? HELP](#)

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

*** 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

Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.

Your Specifications

NAD83 Coordinates

Latitude	41-23-44.9 north
Longitude	072-47-35.1 west

Measurements (Meters)

Overall Structure Height (AGL)	40.8
Support Structure Height (AGL)	33.5
Site Elevation (AMSL)	84.7

Structure Type

POLE - Any type of Pole

Tower Construction Notifications

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

ASR Help [ASR License Glossary](#) - [FAQ](#) - [Online Help](#) - [Documentation](#) - [Technical Support](#)
ASR Online Systems [TOWAIR- CORES](#) - [ASR Online Filing](#) - [Application Search](#) - [Registration Search](#)
About ASR [Privacy Statement](#) - [About ASR](#) - [ASR Home](#)