

OPINION LETTER

October 6, 2022

FAA & FCC Not Required

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

RE: **CT402 - Haddam North, CT Airspace Analysis**
Latitude (NAD-83): 41° 30' 11.73" N
Longitude (NAD-83): 72° 30' 49.87" W
Ground Elevation: 408.0 ft. GE
Tower tip height: 130.0 ft. AGL
Overall height: 538.0 ft. AMSL



Dear Ms. Vergati,

Our airspace analysis results for the CT402 - Haddam North, CT site are as follows:

1. **PER AIRSPACE, filing an FAA Form 7460-1 is not required for the proposed tower height of 130.0 ft. AGL (538.0 ft. AMSL). The maximum allowable height for not filing an FAA Form 7460-1 is 200 ft. AGL.**
2. **FCC's TOWAIR Determination indicates that this structure does not require registration as it would PASS SLOPE (100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 7588.60 MTRS (7.58859 KM) AWAY. The maximum allowable height for not filing an ASR is 200 ft. AGL.**
3. The proposed site is 3.949 nm NW from the nearest public landing facility – 42B: Goodspeed. At an overall height of 538.0 ft. AMSL, it does not exceed FAR 77.9 (a) or FAR 77.9 (b) Notice Criteria for 42B airport. This airport has both Circling and Straight-In Instrument approach procedures. It does not exceed any glide slopes of 42B airport. 42B: Goodspeed is an airport type landing facility associated with the city of East Haddam, CT.
4. The proposed site is not within any of the instrument approach procedures of 42B airport.
5. The nearest private landing facility is CT98: Middlesex Hospital, which is a heliport type landing facility not eligible for study under FAR Part 77 sub-Part C. It is 6.2 nm NW from the proposed site.
6. The proposed 130.0 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 WMRD, which is 6.63 mi (10677 meters) away bearing 304.18°. WMRD AM is operating a non-directional type antenna system. As noted per the FCC AM Tower Locator and per FCC regulation 13-115, Section 1.8402, the structure will not require a "Proof of Performance" measurement study before and after construction.
8. Marking and lighting are not required for the proposed tower height of 130.0 ft AGL.
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

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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 & 7588.60 MTRS (7.58859 KM) AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-26-53.00N	072-27-37.00W	GOODSPEED	MIDDLESEX EAST HADDAM, CT	2.7	1371.5999999999999

Your Specifications

NAD83 Coordinates

Latitude: 41-30-11.7 north
 Longitude: 072-30-49.9 west

Measurements (Meters)

Overall Structure Height (AGL): 39.6
 Support Structure Height (AGL): 39.6
 Site Elevation (AMSL): 124.4

Structure Type

MTOWER - Monopole

Tower Construction Notifications

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