

ASAC SITE SPECIFIC EVALUATION FOR

Site Name: Anderson Relo Site Number: 831354 Site Location: East Hampton, CT.

Requestors Name: Peter Crane Company Name: Crown Castle Street Address: 3 Corporate Park Drive, Ste 101 City and Zip: Clifton Park, NY. 12065

This is an evaluation based on application of surfaces identified in Federal Aviation Regulation (FAR) Part 77 and Federal Communication Commission (FCC) Rules Part 17.

EXECUTIVE SUMMARY

- ★ The max height that can be built at this site without notice to the FAA is 200 feet AGL or 736 feet AMSL.
- ★ The max No Extended Study height at this site is 499 AGL, or 1035 AMSL.
- → The max no marking and lighting height at this site is 200 AGL, or 736
 AMSL.

SITE DATA

Structure Type: Antenna Tower

Coordinates of site:

Lat:

41°35'2.80"

Long:

72°29'27.85"

Datum:

NAD 83

Site ground elevation:

536

Total height above the ground of the entire structure (AGL):

250

Total height above mean sea level (AMSL):

786

AIRPORT/HELIPORT INFORMATION

Nearest public use or Government Use (DOD) facility: Salmon River Airfield.

This structure will be located 2.2 NM or 13501 FT from the airport on a bearing of 81 degrees true to the airport.

Nearest private use landing facility is: Rankl Field.

This structure will be located 2.7 NM from the airport on a bearing of 70 degrees true to the airport.

STUDY FINDINGS

<u>FAA FAR Part 77 paragraph 9 (FAR 77.9)</u>: (Construction or Alteration requiring notice.) (These are the imaginary surfaces that the FAA has implemented to provide general criteria for notification purposes.)

This structure does require notification to the FAA.

<u>FAA FAR Part 77 paragraph 17(FAR 77.17):</u> (Standards for Determining Obstructions.)(These are the imaginary surfaces that the FAA has implemented to protect aircraft safety. If any of these surfaces are penetrated, the structure may pose a Hazard to Air Navigation.)

This structure does not exceed these surfaces.

FCC Notice Requirements:

(FCC Rules, Part 17)

This structure does require notification to the FAA or FCC based on these rules.

FAA EMI:

(The FAA protects certain air navigational aids, radio transmitters, and RADAR facilities from possible interference. The distance and direction are dependent on the type of facility being evaluated. Some of these transmission and receiver facilities are listed in the National Flight Data Center (NFDC) database.)

This site would not affect any FAA air navigational aids or transmitters.

Military Airspace:

(This would include low level visual and instrument routes along with operations areas and special use airspace.)

This structure will not affect this airspace.

AM Facilities:

(The FCC protects AM radio stations from possible interference for a distance of 3.0 km for directional facilities, and 1.0 km for non-directional facilities. New changes to the FCC critical distances are calculated based on the AM transmission Movement Method Proof evaluation.)

This site was evaluated against the FCC's AM antenna database using the Movement Method proof calculations and no further action is required.

MARKING AND LIGHTING

FAA Advisory Circular 70/7460-1:

Marking and lighting is required for this structure.

RECOMMENDATIONS

This site was evaluated in accordance with the requirements specified by the FAA under Federal Aviation Rules part 77, and found not to be a hazard to air navigation.

