



ASAC SITE SPECIFIC EVALUATION
FOR

Site Name: Auburn 5 ME

Site Number:

Site Location: Auburn, ME.

Requestors Name: Grer Costello

Company Name: VSS Inc

Street Address: 73 Union Square

City and Zip: Somerville, MA.

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 22 feet AGL or 263 feet AMSL.
- ✚ The max No Extended Study height at this site is 196 AGL, or 437 AMSL.
- ✚ The max no hazard height at this site is 196 AGL, or 437 AMSL.
- ✚ The max no marking and lighting height at this site is 196 AGL, or 437 AMSL.

SITE DATA

Structure Type: Antenna Tower

Coordinates of site: Lat: 44° 4' 9.22"
Long: 70° 17' 1.29"
Datum: NAD 83

Site ground elevation:	241
Total height above the ground of the entire structure (AGL):	125
Total height above mean sea level (AMSL):	366

AIRPORT/HELIPORT INFORMATION

Nearest public use or Government Use (DOD) facility Auburn Lewiston Municipal.

This structure will be located 1.2 NM or 7613 FT from the airport on a bearing of 179 degrees true to the airport.

Nearest private use landing facility is CMMC Air Ambulance.

This structure will be located 3.5 NM from the helipad on a bearing of 55 degrees true to the helipad.

STUDY FINDINGS

FAA FAR Part 77 paragraph 9 (FAR 77.9): (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.

FAA FAR Part 77 paragraph 17(FAR 77.17): (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 not 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.

