



Federal Aviation Administration  
Air Traffic Airspace Branch, ASW-520  
2601 Meacham Blvd.  
Fort Worth, TX 76137-0520

Aeronautical Study No.  
2005-ANE-945-OE

Issued Date: 02/14/2006

Elizabeth Weir  
UPC Vermont Wind, LLC  
100 Wells Avenue, Suite 201  
Newton, MA 02459

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure Type: WINDTURBINE 22  
Location: Sheffield, VT  
Latitude: 44-38-30.32 NAD 83  
Longitude: 72-5-34.68  
Heights: 398 feet above ground level (AGL)  
2613 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1 K, Obstruction Marking and Lighting, paint/red lights - Chapters 3(Marked), 4, 5(Red), & 12.

It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

At least 10 days prior to start of construction  
(7460-2, Part I)

Within 5 days after the construction reaches its greatest height  
(7460-2, Part II)

As a result of this structure being critical to flight safety, it is required that the FAA be kept apprised as to the status of the project. Failure to respond to periodic FAA inquiries could invalidate this determination.

See attachment for additional condition(s) or information.

This determination expires on 08/14/2007 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (816)329-2525. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2005-ANE-945-OE.

**Signature Control No: 439006-439150**

(DNE)

Donna O'Neill  
Specialist

Attachment(s)  
Additional Information

7460-2 Attached

**Additional Information for ASN 2005-ANE-945-OE**

The wind turbine should be painted bright white; the red lights shall flash simultaneously with red lights on other structures in this project for which red lights have been recommended.

The marking and lighting recommendations are based on a project-wide scheme. If any of the wind turbines studied for this project are not built, a review of the marking and lighting for all structures within this project will be required.

As a condition of this determination should spurious electromagnetic noise from the wind turbine or aggregate noise from multiple wind turbines cause adverse electromagnetic interference (EMI) to an FAA facility, the proponent agrees to cease operations of the wind turbine(s) until such EMI is mitigated.