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Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-WTE-1145-OE

Issued Date: 09/08/2022

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**** PUBLIC NOTICE ****

The Federal Aviation Administration is conducting an aeronautical study concerning the following:

Structure:	Wind Turbine Oneida Wind Location 3
Location:	Oneida, NY
Latitude:	43-02-53.43N NAD 83
Longitude:	75-39-50.79W
Heights:	1250 feet site elevation (SE) 650 feet above ground level (AGL) 1900 feet above mean sea level (AMSL)

The structure above exceeds obstruction standards. To determine its effect upon the safe and efficient use of navigable airspace by aircraft and on the operation of air navigation facilities, the FAA is conducting 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.

**** SEE REVERSE SIDE FOR ADDITIONAL INFORMATION ****

In the study, consideration will be given to all facts relevant to the effect of the structure on existing and planned airspace use, air navigation facilities, airports, aircraft operations, procedures and minimum flight altitudes, and the air traffic control system.

Interested persons are invited to participate in the aeronautical study by submitting comments to the above FAA address or through the electronic notification system. To be eligible for consideration, comments must be relevant to the effect the structure would have on aviation, must provide sufficient detail to permit a clear understanding, must contain the aeronautical study number printed in the upper right hand corner of this notice, and must be received on or before 10/15/2022.

This notice may be reproduced and circulated by any interested person. Airport managers are encouraged to post this notice.

If we can be of further assistance, please contact our office at (816) 329-2526, or bill.kieffer@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-WTE-1145-OE.

Signature Control No: 513813416-552611174

(CIR -WT)

Bill Kieffer

Specialist

Attachment(s)

Part 77

Additional Information

Map(s)

Additional Information for ASN 2022-WTE-1145-OE

Proposal: To construct and/or operate a(n) Wind Turbine to a height of 650 feet above ground level, 1900 feet above mean sea level.

Location: The structure will be located 12.44 nautical miles south of K16 Airport reference point.

Part 77 Obstruction Standard(s) Exceeded:

Section 77.17 (a) (1) by 151 feet - a height more than 499 feet above ground level.

TITLE 14 CFR PART 77 - AERONAUTICAL STUDY - PUBLIC COMMENTS

This additional information provides details on the results of an Aeronautical Study for a notice of proposed construction/alteration filed with the FAA. The purpose of this notice is to solicit aeronautical comments from the public concerning the physical effect of these proposed wind turbines on the safe and efficient use of airspace by aircraft. Please submit your comments through the FAA's public website at <https://oeaaa.faa.gov>.

This will ensure your comments are submitted directly to the case file. Comments submitted by email are strongly discouraged. Email comments could be directed to an FAA Specialist that is away from the office, reassigned or no longer with the organization and therefore may not be considered.

Begin by completing the "New User Registration". Login to your portal page and select the link, "View Circularized Cases". Search for the case in the appropriate state and then select "Submit Public Comments". If you need further assistance, contact the helpdesk at phone: 202-580-7500 / email: oeaaa_helpdesk@cghtech.com.

All FAA determinations and circularized cases are public record and available at the FAA's public website; <https://oeaaa.faa.gov>. The distribution for proposals circularized for public comments includes all "known" aviation interested persons and those who do not have an aeronautical interest but may become involved with specific aeronautical studies. Notification includes both postcard mailers and email notifications to those with registered FAA accounts. The FAA does not have a database for all persons with an aeronautical and non-aeronautical interest. Therefore, the public is encouraged to re-distribute and forward notices of circularized cases to the maximum extent possible. Additionally, it is incumbent upon local state, county and city officials to share notice of circularized cases with their concerned citizens.

A list of commonly used acronyms and abbreviations is available at the end of this document. A full list is available at the FAA's public website at https://oeaaa.faa.gov/oeaaa/downloads/external/content/FAA_Acronyms.pdf.

1. PROPOSAL DESCRIPTION

Proposed are 3 wind turbines for a project that lies approximately 13.1 NM north-northwest of the airport reference point (ARP) of the Hamilton Municipal Airport (VGC), Hamilton, New York. The wind turbines are being circularized for public comment under this Aeronautical Study Number (ASN) 2022-WTE-1145-OE. Comments on any of the proposed wind turbines in this project must be submitted under this ASN. All comments received from this circularization will be considered in completing the separate determinations for each wind turbine.

The proposed wind turbines' described heights and locations are expressed in Above Ground Level (AGL) height, Above Mean Sea Level (AMSL) height and latitude (LAT)/longitude (LONG).

ASN	/	AGL	/	AMSL	/	LAT	/	LONG
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2022-WTE-1143-OE	/	650	/	1899	/	43-02-53.29N	/	75-39-55.26W
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2022-WTE-1144-OE	/	650	/	1908	/	43-02-53.57N	/	75-39-46.31W
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2022-WTE-1145-OE	/	650	/	1900	/	43-02-53.43N	/	75-39-50.79W
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2. TITLE 14 CFR PART 77 - OBSTRUCTION STANDARDS EXCEEDED

a. Section 77.17(a)(1): Exceeds a height of 499 feet AGL at the site of the object. All proposed wind turbines would exceed this standard by 151 feet.

3. TITLE 14 CFR PART 77 - EFFECT ON AERONAUTICAL OPERATIONS

a. Section 77.29 (a)(1): the impact on arrival, departure, and en route procedures for aircraft operating under visual flight rules.

At a height greater than 499 feet AGL, the proposed wind farm would extend into airspace normally used for VFR en route flight and may be located within 2 statute miles (SM) of potential VFR Routes as defined by FAA Order 7400.2, Section 6-3-8. The turbines within 2 SM of a VFR Route would have an adverse effect upon VFR air navigation.

ACRONYMS & ABBREVIATIONS

AGL, Above Ground Level

AMSL, Above Mean Sea Level

ARP, Airport Reference Point

ARSR, Air Route Surveillance Radar

ARTCC, Air Route Traffic Control Center

ASN, Aeronautical Study Number

ASR, Airport Surveillance Radar

ATC, Air Traffic Control

ATCT, Air Traffic Control Tower

CARSR, Common Air Route Surveillance Radar

CAT, Category

CFR, Code of Federal Regulations

CG, Climb Gradient

DA, Decision Altitude

DME, Distance Measuring Equipment

FAA, Federal Aviation Administration

FUS, Fusion

GPS, Global Positioning System

IAF, Initial Approach Fix

IAP, Instrument Approach Procedure

ICA, Initial Climb Area

IFR, Instrument Flight Rules

INT, Intersection

LAT, Latitude

LNAV, Lateral Navigation

LOC, Localizer

LONG, Longitude

LP, Localizer Performance

LPV, Localizer Performance with Vertical Guidance

MDA, Minimum Descent Altitude

MEA, Minimum En route Altitude

MET, Meteorological Evaluation Tower

MIA, Minimum IFR Altitude

Min, Minimum

MOCA, Minimum Obstruction Clearance Altitude
MSA, Minimum Safe Altitude
MSL, Mean Sea Level
MVA, Minimum Vectoring Altitude
NA, Not Authorized
NAS, National Airspace System
NAVAID, Navigational Aid
NDB, Non-Directional Radio Beacon
NEH, No Effect Height
NM, Nautical Mile
NOTAM, Notice to Airmen
NPF, Notice of Preliminary Findings
OCS, Obstacle Clearance Surface
OE, Obstruction Evaluation
OEG, Obstruction Evaluation Group
Part 77 - Title 14 Code of Federal Regulations (CFR) Part 77, Safe, Efficient Use and Preservation of the Navigable Airspace.
P-NOTAM, Permanent Notice to Airmen
RLOS, Radar Line of Sight
RNAV, Area Navigation
RNP, Required Navigation Performance
RWY, Runway
S-, Straight-in
SE, Site Elevation
S-LOC, Straight-in Localizer
SM, Statute Miles
Std., Standard
TAA, Terminal Arrival Area
TACAN, Tactical Air Navigation System
TERPS, Terminal Instrument Procedures
TPA, Traffic Pattern Airspace
TRACON, Terminal Radar Approach Control
V, Victor Airway
VFR, Visual Flight Rules
VHF, Very High Frequency
VOR, VHF Omnidirectional Radio Range System
VORTAC, VOR/TACAN System
WTE, Wind Turbine East
WTW, Wind Turbine West

