



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

Aeronautical Study No.
2024-WTE-11425-OE

Issued Date: 02/13/2025

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Suite 1300
Houston, TX 77010

**** PUBLIC NOTICE ****

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

Structure:	Wind Turbine T13
Location:	Stratford, WI
Latitude:	44-49-13.33N NAD 83
Longitude:	90-13-36.34W
Heights:	1366 feet site elevation (SE) 598 feet above ground level (AGL) 1964 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 03/22/2025.

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 (206) 231-2990, or paul.holmquist@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-WTE-11425-OE.

Signature Control No: 641229754-647475798

(CIR -WT)

Paul Holmquist
Specialist

Attachment(s)

Part 77

Additional Information

Map(s)

Additional Information for ASN 2024-WTE-11425-OE

Proposal: To construct and/or operate a(n) Wind Turbine to a height of 598 feet above ground level, 1964 feet above mean sea level.

Location: The structure will be located 11.13 nautical miles north of MFI Airport reference point.

Part 77 Obstruction Standard(s) Exceeded:

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.

The wind turbines are being circularized for public comment under Aeronautical Study Number (ASN) 2024-WTE-11425-OE, which represents the proposed turbine that would be located at approximately the center of this wind farm project (see attached maps). 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.

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 31 wind turbines that would lie approximately 8.6 NM to 13.1 NM north northeast to north northwest of the airport reference point (ARP) of the Marshfield Municipal Airport (MFI), Marshfield, WI, and would be approximately 16.8 NM to 23.2 NM northeast of the ARP of the Neillsville Municipal Airport (VIQ), Neillsville, WI.

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	Structure Name	AGL	AMSL	LAT	LONG
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2024-WTE-11413-OE	/ T1	/ 598	/ 1910	/ 44-50-30.53N	/ 90-17-24.21W
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2024-WTE-11414-OE / T2 / 598 / 1916 / 44-50-41.74N / 90-16-31.67W
 2024-WTE-11415-OE / T3 / 598 / 1932 / 44-50-02.13N / 90-16-44.01W
 2024-WTE-11416-OE / T4 / 598 / 1918 / 44-50-10.09N / 90-16-14.23W
 2024-WTE-11417-OE / T5 / 598 / 1910 / 44-49-27.14N / 90-16-56.85W
 2024-WTE-11418-OE / T6 / 598 / 1941 / 44-49-59.65N / 90-15-11.93W
 2024-WTE-11419-OE / T7 / 598 / 1944 / 44-50-05.75N / 90-14-32.20W
 2024-WTE-11420-OE / T8 / 598 / 1935 / 44-49-05.54N / 90-15-55.54W
 2024-WTE-11421-OE / T9 / 598 / 1946 / 44-49-11.23N / 90-15-25.81W
 2024-WTE-11422-OE / T10 / 598 / 1935 / 44-48-27.09N / 90-15-18.78W
 2024-WTE-11423-OE / T11 / 598 / 1957 / 44-48-34.85N / 90-14-50.20W
 2024-WTE-11424-OE / T12 / 598 / 1963 / 44-48-26.82N / 90-13-45.48W
 2024-WTE-11425-OE / T13 / 598 / 1964 / 44-49-13.33N / 90-13-36.34W
 2024-WTE-11426-OE / T14 / 598 / 1946 / 44-49-56.16N / 90-13-18.47W
 2024-WTE-11427-OE / T15 / 598 / 1947 / 44-49-17.76N / 90-12-11.00W
 2024-WTE-11428-OE / T16 / 598 / 1934 / 44-48-21.40N / 90-12-22.43W
 2024-WTE-11429-OE / T17 / 598 / 1928 / 44-47-30.77N / 90-12-22.49W
 2024-WTE-11430-OE / T18 / 598 / 1929 / 44-46-50.86N / 90-11-18.05W
 2024-WTE-11431-OE / T19 / 598 / 1919 / 44-47-29.89N / 90-11-08.41W
 2024-WTE-11432-OE / T20 / 598 / 1933 / 44-47-42.76N / 90-09-35.10W
 2024-WTE-11433-OE / T21 / 598 / 1915 / 44-47-48.10N / 90-08-46.02W
 2024-WTE-11434-OE / T22 / 598 / 1928 / 44-50-24.10N / 90-11-12.07W
 2024-WTE-11435-OE / T23 / 598 / 1957 / 44-49-37.88N / 90-10-41.06W
 2024-WTE-11436-OE / T24 / 598 / 1943 / 44-49-00.77N / 90-09-34.21W
 2024-WTE-11437-OE / T25 / 598 / 1935 / 44-49-40.10N / 90-08-22.72W
 2024-WTE-11438-OE / T26 / 598 / 1948 / 44-50-16.40N / 90-08-11.08W
 2024-WTE-11439-OE / T27 / 598 / 1917 / 44-49-39.58N / 90-16-11.38W
 2024-WTE-11440-OE / T28 / 598 / 1913 / 44-49-13.36N / 90-17-42.29W
 2024-WTE-11441-OE / T29 / 598 / 1905 / 44-47-28.34N / 90-17-41.53W
 2024-WTE-11442-OE / T30 / 598 / 1905 / 44-47-35.75N / 90-17-13.78W
 2024-WTE-11443-OE / T31 / 598 / 1947 / 44-49-00.97N / 90-10-49.05W

2. TITLE 14 CFR PART 77 - OBSTRUCTION STANDARDS EXCEEDED

Section 77.17(a)(1): Exceeds a height of 499 feet AGL at the site of the object. All proposed structures in this notice would all exceed this standard by 99 feet.

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

a. Section 77.29 (a)(1): 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 proposed structures would be located within 2 SM of a VFR Route and would have an adverse effect upon VFR air navigation. Further study is required to determine whether the structures would affect a significant volume of VFR en route traffic.

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
FAAO, Federal Aviation Administration Order
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

Map for ASN 2024-WTE-11425-OE



