



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 2601 Meacham Boulevard
 Fort Worth, TX 76137

Aeronautical Study No.
 2012-WTE-1050-OE

Issued Date: 06/18/2012

Victor L. Gonzalez
 Windmar Renewable Energy
 Calle San Francisco 206
 San Juan, PR 00901

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

The Federal Aviation Administration has conducted 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: Wind Turbine Wind Turbine 3
 Location: Culebra, PR
 Latitude: 18-19-45.94N NAD 83
 Longitude: 65-18-28.19W
 Heights: 400 feet site elevation (SE)
 190 feet above ground level (AGL)
 590 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure would have no substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on the operation of air navigation facilities. Therefore, pursuant to the authority delegated to me, it is hereby determined that the structure would not be a hazard to air navigation provided the following condition(s) is(are) met:

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, white paint only - Chapters 12&13(Turbines).

It is required that 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)

See attachment for additional condition(s) or information.

This determination expires on 12/18/2013 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.



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Aeronautical Study No.
 2012-WTE-1051-OE

Issued Date: 06/18/2012

Victor L. Gonzalez
 Windmar Renewable Energy
 Calle San Francisco 206
 San Juan, PR 00901

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

The Federal Aviation Administration has conducted 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: Wind Turbine Wind Turbine 4
 Location: Culebra, PR
 Latitude: 18-19-42.16N NAD 83
 Longitude: 65-18-26.08W
 Heights: 400 feet site elevation (SE)
 190 feet above ground level (AGL)
 590 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure would have no substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on the operation of air navigation facilities. Therefore, pursuant to the authority delegated to me, it is hereby determined that the structure would not be a hazard to air navigation provided the following condition(s) is(are) met:

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, white paint/synchronized red lights - Chapters 4,12&13(Turbines).

It is required that 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)

See attachment for additional condition(s) or information.

This determination expires on 12/18/2013 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



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 2012-WTE-1052-OE

Issued Date: 06/18/2012

Victor L. Gonzalez
 Windmar Renewable Energy
 Calle San Francisco 206
 San Juan, PR 00901

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

The Federal Aviation Administration has conducted 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: Wind Turbine Wind Turbine 5
 Location: Culebra, PR
 Latitude: 18-19-40.20N NAD 83
 Longitude: 65-18-29.18W
 Heights: 350 feet site elevation (SE)
 190 feet above ground level (AGL)
 540 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure would have no substantial adverse effect on the safe and efficient utilization of the navigable airspace by aircraft or on the operation of air navigation facilities. Therefore, pursuant to the authority delegated to me, it is hereby determined that the structure would not be a hazard to air navigation provided the following condition(s) is(are) met:

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, white paint only - Chapters 12&13(Turbines).

It is required that 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)

See attachment for additional condition(s) or information.

This determination expires on 12/18/2013 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.



Federal Aviation Administration

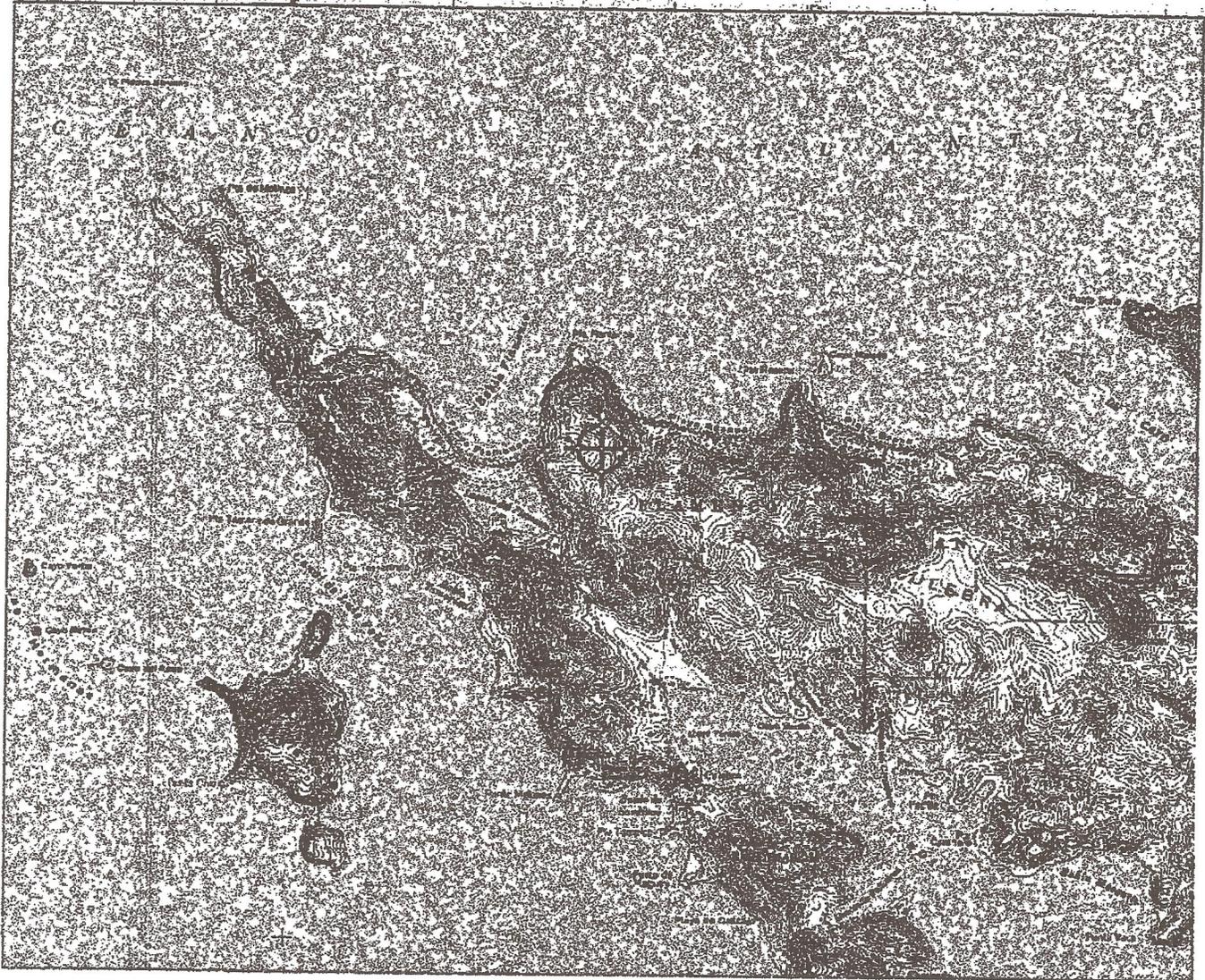
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Form 7460-1 for ASN: 2012-WTE-1050-OE

Overview	
Study (ASN):	2012-WTE-1050-OE
Prior Study:	
Status:	Determined
Letters:	Determination
Supplemental Form 7460-2: Please login to add a Supplemental Form 7460-2.	
Received Date:	02/10/2012
Entered Date:	02/10/2012
Completion Date:	06/18/2012
Expiration Date:	12/18/2013
Map:	View Map
Sponsor Information	
Sponsor:	Windmar Renewable Energy
Attention Of:	Victor L. Gonzalez
Address:	Calle San Francisco 206
Address2:	
City:	San Juan
State:	PR
Postal Code:	00901
Country:	US
Phone:	787-725-7562
Fax:	787-721-1654
Sponsor's Representative Information	
Representative:	Windmar Renewable Energy
Attention Of:	Gustavo Rivera
Address:	San Francisco 206
Address2:	
City:	San Juan
State:	PR
Postal Code:	00901
Country:	US
Phone:	787-725-7562
Fax:	787-721-1654
Construction Info	
Notice Of:	CONSTR
Duration:	PERM (Months: 0 Days: 0)
Work Schedule:	
Date Built:	
Structure Summary	
Structure Type:	Wind Turbine
Structure Name:	Wind Turbine 3
FCC Number:	
Structure Details	
Latitude (NAD 83):	18° 19' 45.94" N
Longitude (NAD 83):	65° 18' 28.19" W
Horizontal Datum:	NAD 83
Survey Accuracy:	4D
Marking/Lighting:	White Paint Only
Other Description:	
Current Marking/Lighting:	N/A New Structure
Current Marking/Lighting Other Description:	
Name:	
City:	Culebra
State:	PR
Nearest Airport:	CPX
Distance to Structure:	5985.35 feet
On Airport:	No
Direction to Structure:	348.35°
Description of Location:	Private Land
Height and Elevation	
Proposed DNE DET	
Site Elevation:	400
Structure Height:	190 0 190
Total Height (AMSL):	590 400 590
Frequencies	
Low Freq High Freq Unit	ERP Unit

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HYDROGRAPHIC SERVICE





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Determined Cases for PR

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Case Number	City	State	Latitude	Longitude	Site Elevation	Structure Height	Total Height
2012-WTE-1048-OE	Culebra	PR	18° 19' 50.80" N	65° 18' 27.00" W	400	190	590
2012-WTE-1049-OE	Culebra	PR	18° 19' 49.00" N	65° 18' 27.65" W	400	190	590
2012-WTE-1050-OE	Culebra	PR	18° 19' 45.94" N	65° 18' 28.19" W	400	190	590
2012-WTE-1051-OE	Culebra	PR	18° 19' 42.16" N	65° 18' 26.08" W	400	190	590
2012-WTE-1052-OE	Culebra	PR	18° 19' 40.20" N	65° 18' 29.18" W	350	190	540
2012-WTE-1053-OE	Culebra	PR	18° 19' 36.81" N	65° 18' 31.54" W	350	190	540

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B.10. Certificación del funcionario responsable de la agencia proponente donde éste asegure que toda la información vertida en el documento ambiental es cierta, correcta y completa: