

REFERENCE COPY

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FCC 854 Main Form

FCC Application for Antenna Structure Registration

Approved by OMB

3060 - 0139

Est. Public Burden per Response: 30 minutes

File Number: A0756245

Purpose of Filing

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| 1. Purpose of this filing: New |
| 2A. For purpose codes of WD or AM, provide the file number of the pending application currently on file with the FCC: |
| 2B. For purpose codes of MD, CA, AU, DI, NT, DU or OC provide FCC Registration Number: |
| 2C. If purpose code is MD or NT, provide date constructed or Last altered (mm/dd/yy): |
| 2D. If purpose code is DI, give date of dismantlement (mm/dd/yy): |

Antenna Structure Ownership Information

| | | |
|--|---|---|
| 3A. FCC ID of Owner/Assignee: L01661443 | 3B. Sub-Group Identification Number (SGIN) of Owner/Assignee: 000 | 3C. FCC Registration Number (FRN) of Owner/Assignee: 0018756155 |
| 4A. FCC ID of Assignor (for purpose code OC only): | 4B. Sub-Group Identification Number (SGIN) of Assignor: | 4C. FCC Registration Number (FRN) of Assignor: |
| 5. Legal Owner of Structure/Assignee First Name (if individual): | MI: | Last Name: |
| 6. Business Name (if other than Individual): VSAT Systems, LLC | | |
| 7. Attention To: Michael Kister | | |
| 8. P.O. Box | And/Or | 9. Street Address: 1520 S. Arlington |
| 10. City: Akron | 11. State: OH | 12. Zip Code: 44306 |
| 13. Telephone Number: (330)785-2100 | 14. E-Mail Address: mkister@vsatsystems.com | |

Contact Representative Information

(If different from the Owner/Assignee)

| | | | |
|--------------------------------------|--|---------------------------------------|---------|
| 15. First Name: Mario | MI: A | Last Name: Tomaselli | Suffix: |
| 16. Business Name: VSAT Systems, LLC | | | |
| 17. P.O. Box: | And/Or | 18. Street Address: 1520 S. Arlington | |
| 19. City: Akron | 20. State: OH | 21. Zip: 44306 | |
| 22. Telephone Number: (330)785-2100 | 23. E-Mail Address: mtomaselli@vsatsystems.com | | |

Antenna Structure

| | |
|---|--|
| 24. NAD83 Antenna Structure Latitude (DD-MM-SS.S): 41-01-50.6 N (N) <u>N</u> or <u>S</u> | 25. NAD83 Antenna Structure Longitude (DDD-MM-SS.S): 081-29-33.3 W (W) <u>W</u> or <u>E</u> |
|---|--|

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| 26. Address or Geographical Location: 961 East Waterloo | |
| 27. City: Akron | 28. State: OH |
| 29. Elevation of site above mean sea level (refer to "a" in antenna structure examples): 349.5 meters | |
| 30. Overall (highest) height above ground (AGL) of an antenna structure INCLUDING all appurtenances (antennas, dishes, lightning rods, obstruction lighting, etc.) (refer to "c" in antenna structure examples): 8.1 meters | |
| 31. Overall height above mean sea level (sum total of items 29 and 30): 357.6 meters | |
| 32. Overall height above ground level (AGL) of the supporting structure itself WITHOUT appurtenances (refer to "b" in antenna structure examples): 8.1 meters | |
| 33. Indicate the code for the type of structure on which antenna will be mounted (i.e., pole, building, water tank, silo, tower, etc.) (See Instructions): TOWER - | |
| 34-35. If type of structure is an Array, provide coordinates for center of the array below: | |
| 34. NAD83 Array Center Latitude (DD-MM-SS.S): (N) or S | 35. NAD83 Array Center Longitude (DDD-MM-SS.S): (W) or S |

FAA Notification

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| 36. FAA Study Number: 2011-AGL-5519-OE | 37. Date Issued (mm/dd/yy): 10/20/2011 |
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Environmental Assessment

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|----------|--|---|
| 38. (No) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Would a Commission grant of Authorization for this location be an action which may have significant environmental effect? See Section 1.1307 of 47 CFR. If 'YES', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. |
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Certification Statements

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| <p>1. The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.</p> |
| <p>2. The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. See Section 1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of 'party to the application' as used in this certification.</p> |

Signature

39. Typed or Printed Name of Party Authorized to Sign

| | | | |
|--|-------|-------------------------------|---------|
| First Name: Mario | MI: A | Last Name: Tomaselli | Suffix: |
| 40. Title: RF Engineer | | | |
| 41. Signature: Tomaselli , Mario A | | 42. Date (mmddyy): 02/29/2012 | |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503). | | | |

CLOSE WINDOW



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
ANTENNA STRUCTURE REGISTRATION**



OWNER: VSAT Systems, LLC

FCC Registration Number (FRN): 0018756155

| | | | | | | | |
|--|--|------------------|--------------|-----------------|------------------|--|--|
| ATTN: Michael Kister VSAT Systems, LLC 1520 S. Arlington Akron, OH 44306 | Antenna Structure Registration Number <p align="right">1283084</p> | | | | | | |
| | Issue Date <p align="right">02/29/2012</p> | | | | | | |
| Location of Antenna Structure 961 East Waterloo Akron, OH 44306 SUMMIT | Ground Elevation (AMSL) <p align="right">349.5 meters</p> | | | | | | |
| | Overall Height Above Ground (AGL) <p align="right">8.1 meters</p> | | | | | | |
| <table border="0"> <tr> <td align="center">Latitude</td> <td align="center">Longitude</td> <td align="center">NAD83</td> </tr> <tr> <td align="center">41° 01' 50.6" N</td> <td align="center">081° 29' 33.3" W</td> <td></td> </tr> </table> | Latitude | Longitude | NAD83 | 41° 01' 50.6" N | 081° 29' 33.3" W | | Overall Height Above Mean Sea Level (AMSL) <p align="right">357.6 meters</p> |
| Latitude | Longitude | NAD83 | | | | | |
| 41° 01' 50.6" N | 081° 29' 33.3" W | | | | | | |
| Painting and Lighting Requirements: FAA Chapters NONE | | | | | | | |
| Conditions: | | | | | | | |

This registration is effective upon completion of the described antenna structure and notification to the Commission. **YOU MUST NOTIFY THE COMMISSION WITHIN 24 HOURS OF COMPLETION OF CONSTRUCTION OR CANCELLATION OF YOUR PROJECT, please file FCC Form 854.** To file electronically, connect to the antenna structure registration system by pointing your web browser to <http://wireless.fcc.gov/antenna>. Electronic filing is recommended. You may also file manually by submitting a paper copy of FCC Form 854. Use purpose code "NT" for notification of completion of construction; use purpose code "CA" to cancel your registration.

The Antenna Structure Registration is not an authorization to construct radio facilities or transmit radio signals. It is necessary that all radio equipment on this structure be covered by a valid FCC license or construction permit.

You must immediately provide a copy of this Registration to all tenant licensees and permittees sited on the structure described on this Registration (although not required, you may want to use Certified Mail to obtain proof of receipt), and *display* your Registration Number at the site. See reverse for important information about the Commission's Antenna Structure Registration rules.

You must comply with all applicable FCC obstruction marking and lighting requirements, as set forth in Part 17 of the Commission's Rules (47 C.F.R. Part 17). These rules include, but are not limited to:

Posting the Registration Number: The Antenna Structure Registration Number must be displayed in a conspicuous place so that it is readily visible near the base of the antenna structure. Materials used to display the Registration Number must be weather-resistant and of sufficient size to be easily seen at the base of the antenna structure. Exceptions exist for certain historic structures. See 47 C.F.R. 17.4(g)-(h).

Inspecting lights and equipment: The obstruction lighting must be observed at least every 24 hours in order to detect any outages or malfunctions. Lighting equipment, indicators, and associated devices must be inspected at least once every three months.

Reporting outages and malfunctions: When any top steady-burning light or a flashing light (in any position) burns out or malfunctions, the outage must be reported to the nearest FAA Flight Service Station, unless corrected within 30 minutes. The FAA must again be notified when the light is restored. The owner must also maintain a log of these outages and malfunctions.

Maintaining assigned painting: The antenna structure must be repainted as often as necessary to maintain good visibility.

Complying with environmental rules: If you certified that grant of this registration would not have a significant environmental impact, you must nevertheless maintain all pertinent records and be ready to provide documentation supporting this certification and compliance with the rules, in the event that such information is requested by the Commission pursuant to 47 C.F.R. 1.1307(d).

Updating information: The owner must notify the FCC of proposed modifications to this structure; of any change in ownership; or, within 30 days of dismantlement of the structure.

Copies of the Code of Federal Regulations (which contain the FCC's antenna structure registration rules, 47 C.F.R Part 17) are available from the Government Printing Office (GPO). To purchase CFR volumes, call (202) 512-1800. For GPO Customer Service, call (202) 512-1803. For additional FCC information, consult the Antenna Homepage on the internet at <http://wireless.fcc.gov/antenna> or call (877) 480-3201 (TTY 717-338-2824).