

EAST KENTUCKY NETWORK  
101 TECHNOLOGY TRAIL  
IVEL, KY 41642  
PHONE: (606) 874-7550  
FAX: (606) 874-7551

EAST KENTUCKY  
NETWORK



RECEIVED  
JUL 20 2015  
PUBLIC SERVICE  
COMMISSION

July 17, 2015

Linda Faulkner, Division Director Filings  
Public Service Commission  
211 Sower Blvd.  
P.O. Box 615  
Frankfort, KY 40602-0615

RE: Public Service Commission of Kentucky (Case No. 2015-00123)

Dear Ms. Faulkner:

Please find enclosed approval letters from the KAZC and FAA for the East Prestonsburg Tower (Case No. 2015-00123).

If you have any questions, feel free to contact me at 606-477-2355, ext. 1007 or via email [lhane@ekn.com](mailto:lhane@ekn.com).

Sincerely,

Lynn Haney  
Regulatory Compliance Director

Enclosures



## KENTUCKY AIRPORT ZONING COMMISSION

STEVEN BESHEAR  
Governor

90 Airport Road, Bldg 400  
Frankfort, KY 40601  
[www.transportation.ky.gov/aviation](http://www.transportation.ky.gov/aviation)  
502 564-4480

June 17, 2015

### APPROVAL OF APPLICATION

#### APPLICANT:

East Kentucky Network, LLC.  
East Kentucky Network, LLC.  
8300 Greensboro Drive|Suite 1200  
McLean, VA 22102

SUBJECT: AS-036-9KY9-2015-045

STRUCTURE: Antenna Tower  
LOCATION: Prestonsburg, KY  
COORDINATES: 37° 39' 24.3" N / 82° 46' 37.2" W  
HEIGHT: 310' AGL/1546' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 310' AGL/ 1546' AMSL Antenna Tower near Prestonsburg, KY 37° 39' 24.3" N / 82° 46' 37.2" W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Medium Dual Obstruction Lighting is required.

A handwritten signature in black ink, appearing to read "John Houlihan".

John Houlihan  
Administrator



An Equal Opportunity Employer M/F/D





**KENTUCKY AIRPORT ZONING COMMISSION**

STEVEN BESHEAR  
Governor

90 Airport Road, Bldg 400  
Frankfort, KY 40601  
www.transportation.ky.gov/aviation  
502 564-4480

**CONSTRUCTION/ALTERATION STATUS REPORT**

June 17, 2015

AERONAUTICAL STUDY NUMBER: AS-036-9KY9-2015-045

East Kentucky Network, LLC.  
East Kentucky Network, LLC.  
8300 Greensboro Drive|Suite 1200  
McLean, VA 22102

This concerns the permit which was issued to you by the Kentucky Airport Zoning Commission on June 17, 2015. This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within the said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit. When appropriate, please indicate the status of the project in the place below and return this letter to John Houlihan, Administrator, Kentucky Airport Zoning Commission, 90 Airport Road, Bldg 400, Frankfort, KY, 40601. 502 564-4480.

STRUCTURE: Antenna Tower  
LOCATION: Prestonsburg, KY  
COORDINATES: 37° 39' 24.3" N / 82° 46' 37.2" W  
HEIGHT: 310' AGL /1546' AMSL

**CONSTRUCTION/ALTERATION STATUS**

1. The project ( ) is abandoned. ( ) is not abandoned.

2. Construction status is as follows:

Structure reached its greatest height of \_\_\_\_\_ ft. AGL  
\_\_\_\_\_ ft. AMSL on \_\_\_\_\_ (date).

Date construction was completed. \_\_\_\_\_

Type of obstruction marking/painting. \_\_\_\_\_

Type of obstruction lighting. \_\_\_\_\_

As built coordinates. \_\_\_\_\_

Miscellaneous Information. \_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE/TITLE \_\_\_\_\_



11

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 200 Mero Street, Frankfort, KY 40622  
**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**  
INSTRUCTIONS INCLUDED

Kentucky Aeronautical Study Number

AF-036-9KY9-2015-04

1. APPLICANT -- Name, Address, Telephone, Fax, etc.  
East Kentucky Network, LLC  
c/o Lukas, Nace, Gutierrez & Sachs, Chtd  
8300 Greensboro Drive, Suite 1200  
McLean, VA 22102  
T: 703-584-8667 F: 703-584-8692

2. Representative of Applicant -- Name, Address, Telephone, Fax  
Ali Kuzehkanani  
Lukas, Nace, Gutierrez & Sachs, Chtd  
8300 Greensboro Drive, Suite 1200  
McLean, VA 22102  
T: 703-584-8667 F: 703-584-8692

3. Application for:  New Construction  Alteration  Existing  
4. Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)  
5. Work Schedule: Start 5/15/2015 End 5/31/2015  
6. Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other  
7. Marking/Painting and/or Lighting Preferred:  
 Red Lights and Paint  Dual - Red & Medium Intensity White  
 White - Medium Intensity  Dual - Red & High Intensity White  
 White - High Intensity  Other  
8. FAA Aeronautical Study Number \_\_\_\_\_

9. Latitude: 37 ° 39 ' 24 " 3 "  
10. Longitude: 82 ° 46 ' 37 " 2 "  
11. Datum:  NAD83  NAD27  Other  
12. Nearest Kentucky City: Prestonsburg County Floyd  
13. Nearest Kentucky public use or Military airport:  
Big Sandy Regional Airport  
14. Distance from #13 to Structure: 10.0 miles  
15. Direction from #13 to Structure: SW  
16. Site Elevation (AMSL): 1,236.00 Feet  
17. Total Structure Height (AGL): 310.00 Feet  
18. Overall Height (#16 + #17) (AMSL): 1,546.00 Feet  
19. Previous FAA and/or Kentucky Aeronautical Study Number(s):  
\_\_\_\_\_  
20. Description of Location: (Attach USGS 7.5 minute Quadrangle Map or an Airport layout Drawing with the precise site marked and any certified survey)  
Site is located approx. 0.7 miles south of Prestonsburg (Floyd), KY

21. Description of Proposal:  
The structure will include a 300' tower with top-mounted antennas (overall height of 310' AGL). The ERP will be 500 watts.

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  
 No  Yes, When April 17, 2015

CERTIFICATION: I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.  
Ali Kuzehkanani/ Dir of Engineering Ali Kuzehkanani 4/17/2015  
Printed Name and Title Signature Date

PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 060:Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

Commission Action:  Chairman, KAZC  Administrator, KAZC  
 Approved  Disapproved  
Date: 6-17-15

1



Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76193

Aeronautical Study No.  
 2015-ASO-5409-OE

Issued Date: 05/21/2015

Ali Kuzehkanani  
 East Kentucky Network, LLC  
 8300 Greensboro Drive, Suite 1200  
 McLean, VA 22102

**\*\* 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: Antenna - Top Mount East Prestonsburg  
 Location: Prestonsburg, KY  
 Latitude: 37-39-24.38N NAD 83  
 Longitude: 82-46-37.21W  
 Heights: 1236 feet site elevation (SE)  
 310 feet above ground level (AGL)  
 1546 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/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

This determination expires on 11/21/2016 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) 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 E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

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

If we can be of further assistance, please contact our office at (816) 329-2523. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-ASO-5409-OE.

**Signature Control No: 249428690-252735249**

( DNE )

Steve Phillips  
Specialist

Attachment(s)  
Frequency Data  
Map(s)

cc: FCC

**Frequency Data for ASN 2015-ASO-5409-OE**

<b>LOW FREQUENCY</b>	<b>HIGH FREQUENCY</b>	<b>FREQUENCY UNIT</b>	<b>ERP</b>	<b>ERP UNIT</b>
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W







