

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

EAST KENTUCKY  
NETWORK



RECEIVED

JUL 28 2016

Public Service  
Commission

July 26, 2016

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. 2015-00380)

Dear Ms. Faulkner:

Please find enclosed the approval letters from the FAA and KAZC for the Hippo Tower  
(Case No. 2015-00380).

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



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

Aeronautical Study No.  
2016-ASO-7887-OE  
Prior Study No.  
2015-ASO-19099-OE

Issued Date: 06/24/2016

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 Tower Hippo
Location:	Hippo, KY
Latitude:	37-32-38.50N NAD 83
Longitude:	82-51-56.90W
Heights:	1294 feet site elevation (SE) 360 feet above ground level (AGL) 1654 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 L, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

While the structure does not constitute a hazard to air navigation, it would be located within or near a military training area and/or route.

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.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

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

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (718) 553-2611. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2016-ASO-7887-OE.

**Signature Control No: 286244786-296796343**

( DNE )

Angelique Eersteling  
Technician

Attachment(s)  
Frequency Data

cc: FCC

**Frequency Data for ASN 2016-ASO-7887-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



**KENTUCKY AIRPORT ZONING COMMISSION**

**MATTHEW BEVIN**  
Governor

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

June 28, 2016

**APPROVAL OF APPLICATION**

**APPLICANT:**

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

**SUBJECT: AS-036-PBX-2016-029**

**STRUCTURE:** Antenna Tower (Height Increase 50 ft)  
**LOCATION:** Hippo, KY  
**COORDINATES:** 37° 32' 38.50" N / 82° 51' 56.90" W  
**HEIGHT:** 360' AGL/1654' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 360'AGL/ 1654'AMSL Antenna Tower (Height Increase 50 ft) near Hippo, KY 37° 32' 38.50" N / 82° 51' 56.90" 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 in accordance with 602 KAR 50:100.

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

John Houlihan  
Administrator



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**KENTUCKY AIRPORT ZONING COMMISSION**

**MATTHEW BEVIN**  
Governor

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

**CONSTRUCTION/ALTERATION STATUS REPORT**

June 28, 2016

AERONAUTICAL STUDY NUMBER: AS-036-PBX-2016-029

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 28, 2016. 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 (Height Increase 50 ft)  
LOCATION: Hippo, KY  
COORDINATES: 37° 32' 38.50" N / 82° 51' 56.90" W  
HEIGHT: 360' AGL /1654' 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 \_\_\_\_\_



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KENTUCKY TRANSPORTATION CABINET  
KENTUCKY AIRPORT ZONING COMMISSION

TC 56-50  
Rev. 07/2010  
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**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

<b>APPLICANT (name)</b> East Kentucky Network, LLC c/o LNGS		<b>PHONE</b> 703-584-8667	<b>FAX</b> 703-584-8692	<b>KY AERONAUTICAL STUDY #</b> AS-036-PBX-2016-029	
<b>ADDRESS (street)</b> 8300 Greensboro Dr, #1200		<b>CITY</b> McLean		<b>STATE</b> VA	<b>ZIP</b> 22102
<b>APPLICANT'S REPRESENTATIVE (name)</b> Ali Kuzehkanani		<b>PHONE</b> 703-584-8667	<b>FAX</b> 703-584-8692		
<b>ADDRESS (street)</b> 8300 Greensboro Dr, #1200		<b>CITY</b> McLean		<b>STATE</b> VA	<b>ZIP</b> 22102
<b>APPLICATION FOR</b> <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Existing				<b>WORK SCHEDULE</b>	
<b>DURATION</b> <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days )				Start 04/15/16 End 04/20/16	
<b>TYPE</b> <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other		<b>MARKING/PAINTING/LIGHTING PREFERRED</b> <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input checked="" type="checkbox"/> Dual- red & medium intensity white <input type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other			
<b>LATITUDE</b> 37°32'38.50"		<b>LONGITUDE</b> 82°51'56.90"		<b>DATUM</b> <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
<b>NEAREST KENTUCKY</b> City Hippo County Floyd ✓		<b>NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT</b> Pike County - Hatcher Field Airport			
<b>SITE ELEVATION (AMSL, feet)</b> 1294		<b>TOTAL STRUCTURE HEIGHT (AGL, feet)</b> 360		<b>CURRENT (FAA aeronautical study #)</b> 2016-ASO-7887-OE	
<b>OVERALL HEIGHT (site elevation plus total structure height, feet)</b> 1654		<b>PREVIOUS (FAA aeronautical study #)</b> 2015-ASO-19099-OE			
<b>DISTANCE (from nearest Kentucky public use or Military airport to structure)</b> 16.5 mi		<b>PREVIOUS (KY aeronautical study #)</b> AS-036-PBX-2015-113			
<b>DIRECTION (from nearest Kentucky public use or Military airport to structure)</b> East					
<b>DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.)</b> Approx. 0.8 mi N of Hippo (Floyd), KY					
<b>DESCRIPTION OF PROPOSAL</b> Increase structure height from 310' AGL to 360' AGL.					
<b>FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?)</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? 03/25/16					
<b>CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)</b>					
<b>PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)</b>					
<b>NAME</b> Ali Kuzehkanani	<b>TITLE</b> Dir of Engineering	<b>SIGNATURE</b> <i>Ali Kuzehkanani</i>		<b>DATE</b> 03/25/16	
<b>COMMISSION ACTION</b> <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved					
<b>SIGNATURE</b> <i>[Signature]</i>		<b>DATE</b> 6-28-16			