

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

Westar Energy
ATTN: Jason Klenklen

POC Phone Number

(785) 575-1961

ADDRESS

818 South Kansas Ave., Topeka, KS 66601

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Unmanned Aircraft Systems operations in accordance with Title 14 CFR Part 107.41, except "Operating limitations for small unmanned aircraft" Part 107.51 b (2) are limited to the altitude listed below.

Class of Airspace: D

At or below 400 feet above ground level (AGL)

Under the jurisdiction of : New Century FCT (KIXD)

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

107.41 Operations in certain airspace

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

Note-This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions 1 thru 5 inclusive are set forth on page 2 of this authorization.

This certificate 2016-ATO-P107-99029 is effective from March 26, 2017 to March 26, 2019, inclusive, and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

FAA Headquarters, AJV-115

(Region)

M. Randy Willis

Randy Willis

(Signature)

March 23, 2017

(Date)

Manager, Emerging Technologies Team (AJV-115)

(Title)

SPECIAL PROVISIONS

1. CONTACT INFORMATION:

- a. The responsible person, Jason Klenklen, for Westar Energy is responsible for the overall safety of operations under this Waiver and will ensure the remote PIC and VO comply with all provisions of this waiver.
- b. This Waiver must not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA.
- c. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air, are in jeopardy or there is a violation of the terms of this Waiver.
- d. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative.
- e. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative.
- f. The Responsible Person shall ensure there is a means for immediate communication with the PIC during UAS operations if ATC deems necessary.

2. SCHEDULE OF FLIGHT OPERATIONS:

This Certificate of Waiver or Authorization and the Special Provisions shall be in effect from March 22, 2017, to March 22, 2019, **between sunrise and sunset local time.**

3. OPERATIONS:

- I. For Operating Area, see attachment 1.
- II. Proponent filing and the issuance of the required distant (D) NOTAM, 24 hours prior to commencing UAS operations, will serve as advance notification
- III. The proponent shall provide the following information:
 - i. Schedule of flight operations (start and stop times) and area to be flown.
 - ii. NOTAM number filed.
 - iii. Type and N-number of UAS to be flown.
 - iv. A name and phone number for a POC on-site who can cancel operations if needed.
- IV. The NOTAM must be cancelled when UAS operations are terminated.

4. EMERGENCY/CONTINGENCY PROCEDURES:

- a. In the event of a lost link, lost GPS, the UA proceeds direct to the launch point to auto-land (not above 400 ft AGL)
- b. Lost link procedures will be programmed to avoid unexpected turn-around and/or altitude changes and will provide sufficient time to communicate and coordinate with ATC.
- c. Lost link orbit points shall not coincide with the centerline of Victor airways.
- d. In the event of any loss of communication ability between the PIC and observer, the UA will be forced into the Lost Link profile to land.
- e. In the event of a Fly-Away or other emergency scenario, the PUC will immediately notify IXD FCT at (913) 782-9216.
- f. The PIC will state pilot intentions, and provide the following
 - I. The nature of the emergency
 - II. UAS last know position, altitude, and direction of flight
 - III. Maximum remaining flight time
- g. In the event of any loss of communication ability between PIC and observer, the UA will be forced into the Lost Link profile to land and flight operations will be terminated until communication ability has been restored.

5. COMMUNICATION REQUIREMENTS:

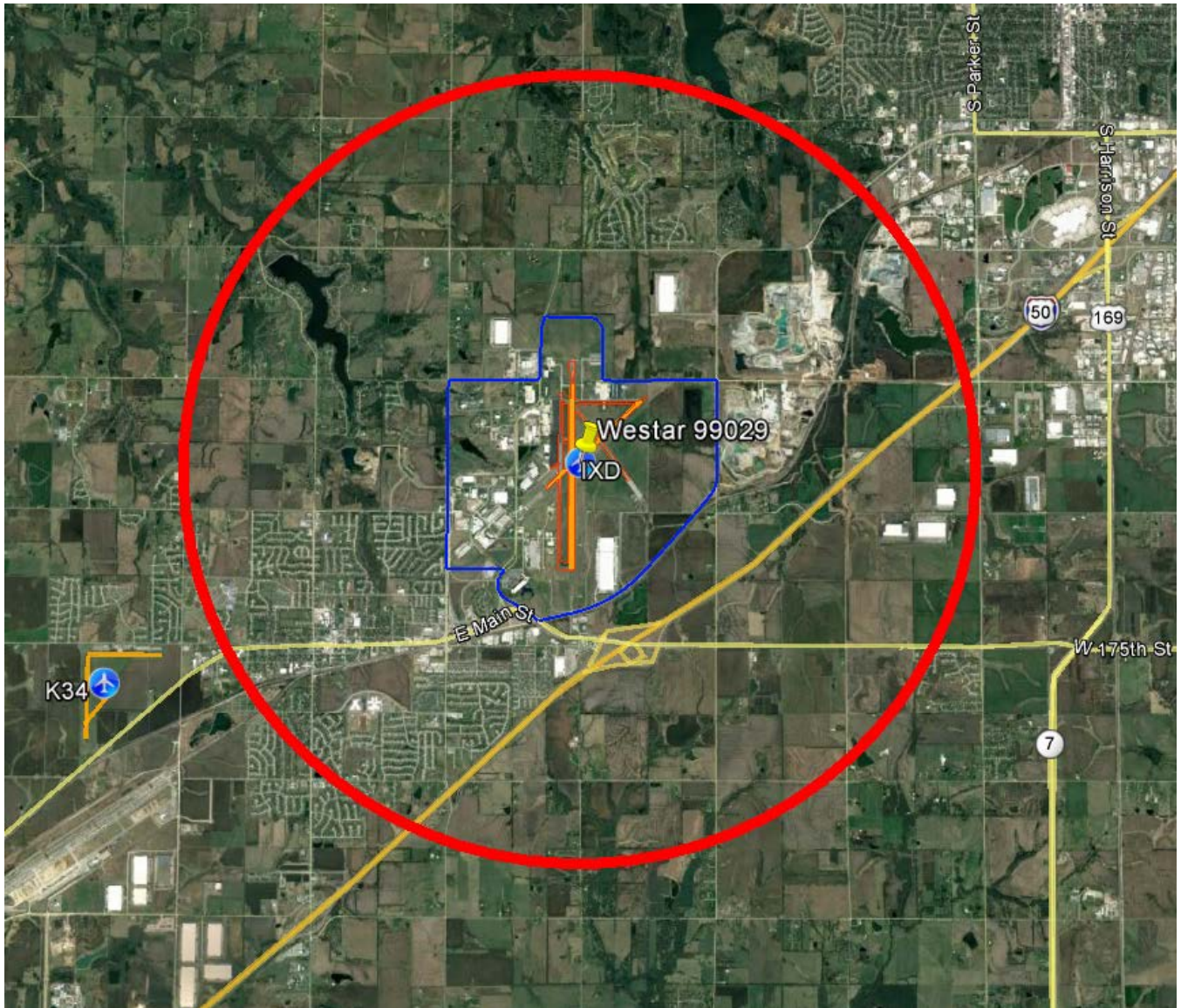
- a. When required, the pilot and/or PIC will maintain direct, two way communications with ATC and have the ability to maneuver the unmanned aircraft in response to ATC instructions, unless previously addressed.
- b. When required, PIC will be in communication with ATC on frequency **133.0**. When radio frequency communication is required, the use of **land-line and/or cellular telephones is prohibited** as the primary means for in flight communication with ATC.

ATTACHMENT 1

Operations Area

Class D Airspace
At or below 400 feet above ground level (AGL)
38° 49' 51.6" N 94° 53' 25.2" W





* The blue perimeter around the airport indicates airport property.