

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
9K7	ELLSWORTH	KS	ORIG	29 DECEMBER 2022

TAKEOFF MINIMUMS:

RWY 13, 31: NA - ENVIRONMENTAL.

RWY 17: STANDARD.

RWY 35: STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 2400, OR 1000-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 17: CLIMB ON HEADING 173.16 TO 2200 BEFORE PROCEEDING ON COURSE.

RWY 35: CLIMB ON HEADING 353.16 TO 2400 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 35: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS ELLSWORTH MUNI AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, SIGN 107 FT FROM DER, 349 FT RIGHT OF CENTERLINE, 6 FT AGL/1613 FT MSL. POLES BEGINNING 665 FT FROM DER, 510 FT RIGHT OF CENTERLINE, UP TO 1635 FT MSL. TREE 948 FT FROM DER, 745 FT LEFT OF CENTERLINE, 1641 FT MSL. TREE 977 FT FROM DER, 475 FT RIGHT OF CENTERLINE, 1637 FT MSL. POLES, TREE BEGINNING 1012 FT FROM DER, 481 FT RIGHT OF CENTERLINE, UP TO 1654 FT MSL. TREE 1203 FT FROM DER, 803 FT LEFT OF CENTERLINE, 1642 FT MSL. TREE 1293 FT FROM DER, 567 FT LEFT OF CENTERLINE, 1643 FT MSL. TREE 1372 FT FROM DER, 288 FT LEFT OF CENTERLINE, 63 FT AGL/1647 FT MSL. TREE 1739 FT FROM DER, 391 FT LEFT OF CENTERLINE, 1654 FT MSL. WATER TOWER 3546 FT FROM DER, 1385 FT RIGHT OF CENTERLINE, 142 FT AGL/1733 FT MSL.

NOTE: RWY 35, TERRAIN 13 FT FROM DER, 488 FT RIGHT OF CENTERLINE, 1634 FT MSL. TERRAIN 86 FT FROM DER, 451 FT LEFT OF CENTERLINE, 1636 FT MSL. TERRAIN 158 FT FROM DER, 540 FT LEFT OF CENTERLINE, 1637 FT MSL. TREE 917 FT FROM DER, 647 FT RIGHT OF CENTERLINE, 1669 FT MSL. TREES BEGINNING 1085 FT FROM DER, 643 FT RIGHT OF CENTERLINE, UP TO 1674 FT MSL.

CONTROLLING OBSTACLES:

RWY 35: 2150 FT MSL WINDMILL 384837.40N/0981420.43W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 17: 2021 FT MSL TOWER 384244.19N/0981431.98W. **RWY 35:** 2187 FT MSL WINDMILL 384756.28N/0981523.67W.

VISUAL CLIMB AREA OBSTACLE: 2198 FT MSL WINDMILL 0384812.22N/0981543.05W.

REMARKS:

100' VEGETATION HEIGHT USED.

FLIGHT INSPECTED BY

ANTHONY D VALLERA

Digitally signed by

CASIMIR L TABAKA

Oct 06, 2022

OFFICE

FPO

DATE

10/05/2022

DEVELOPED BY

VICTOR BOONE

Digitally signed by

VICTOR C BOONE

Jun 10, 2022

OFFICE

AJV-A432

DATE

04/04/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

Jun 21, 2022

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☐ **OTHER:** ZKC, AMGR.

CHANGES - REASONS:

