

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
 Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> 9K7	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> ELLSWORTH	<u>STATE</u> KS		
<u>AIRPORT ELEVATION</u> 1633	<u>TDZE</u> 1621	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
OLALE	IAF	VIKCE	NOPT	TF	FB	1.00	263.31	7.00	3300
MATRY	IAF	VIKCE	NOPT	TF	FB	1.00	083.08	7.00	3300
VIKCE	IF/IAF	BENAC		TF	FB	1.00	353.17	6.10	3300
BENAC	FAF	LANRE/1.92 NM RW35		TF	FB	0.30	353.17	3.27	
LANRE/1.92 NM RW35		RW35	MAP	TF	FO	0.30	353.17	1.92	
RW35	MAP	1871 MSL		CA			353.17		
1871 MSL		AFLIH		DF	FO	1.00			3300

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3300 DIRECT AFLIH AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S VIKCE, RT, 353.17 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 4000.

3. FAF: 353.17FAF: BENACDIST FAF TO MAP: 5.19DIST FAF TO THLD: 5.19

4. MIN ALT: VIKCE 3300, BENAC 3300, LANRE/1.92 NM RW35 2260

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.70GS ANT:

6. MIN GP INCPT: 3300GP ALT AT PFAF : BENAC 3300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW35 4000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 13 AND 31.
CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART R-3601A.
CHART SMOKY MOA.
CHART BISON MOA.
CHART HIGH PLAINS MOA.
CHART ADA WEST MOA.
HOLD N, RT, 173.16 INBOUND.
CHART FAS OBST: 2021 TOWER (20-000640) 384244N/0981432W.
WAAS CHANNEL # 72844
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 463.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1871	1	250	1871	1	250	1871	1	250		NA				
LNAV/VNAV DA	2094	1 3/8	473	2094	1 3/8	473	2094	1 3/8	473		NA				
LNAV MDA	2160	1	539	2160	1	539	2160	1 1/2	539		NA			QUALITY 16 CHECKED	
CIRCLING	2200	1	567	2200	1	567	2540	2 3/4	907		NA				

AIRPORT ID
9K7

PROCEDURE NAME
RNAV (GPS) RWY 35

ORIGINAL/AMENDMENT
ORIG

CITY
ELLSWORTH

STATE
KS

CHANGES - REASONS

COORDINATED WITH:

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

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by
CASIMIR L TABAKA

OFFICE

FPO

DATE

10/05/2022

DEVELOPED BY

VICTOR BOONE

Digitally signed by
VICTOR C BOONE

OFFICE

AJV-A432

DATE

04/27/2022

APPROVED BY

CASIMIR TABAKA

Jun 09, 2022

Digitally signed by
CASIMIR L TABAKA

OFFICE

AJV-A430

DATE

12/29/2022

TITLE

MANAGER



AIRPORT ID
9K7

PROCEDURE NAME
RNAV (GPS) RWY 35

ORIGINAL/AMENDMENT
ORIG

CITY
ELLSWORTH

STATE
KS

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	9K7
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	384446.2100N
LTP/FTP LONGITUDE	0981341.9900W
LTP/FTP ELLIPSOIDAL HEIGHT	+04634
FPAP LATITUDE	384615.2880N
FPAP LONGITUDE	0981347.6260W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0F66542D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04903
FPAP ORTHOMETRIC HEIGHT	+04903

