

**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> KAFK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> NEBRASKA CITY	<u>STATE</u> NE		
<u>AIRPORT ELEVATION</u> 1165	<u>TDZE</u> 1162	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 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>
TRAIG		AVATY		TF	FB	1.00	280.57	21.07	4000
HTHWY		IZANI		TF	FB	1.00	049.72	20.51	4000
AVATY	IAF	OJEKE	NOPT	TF	FB	1.00	236.63	5.00	3000
IZANI	IAF	OJEKE	NOPT	TF	FB	1.00	056.51	5.00	3000
OJEKE	IF/IAF	VIPRY		TF	FB	1.00	326.57	6.20	2800
VIPRY	FAF	FILDA/2.50 NM TO RW33		TF	FB	0.30	326.52	2.50	
FILDA/2.50 NM TO RW33		RW33	MAP	TF	FO	0.30	326.52	2.50	
RW33	MAP	1362 MSL		CA			326.52		
1362 MSL		JUPMO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JUPMO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE OJEKE, RT, 326.57 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 326.52FAF: VIPRYDIST FAF TO MAP: 5.00DIST FAF TO THLD: 5.00

4. MIN ALT: OJEKE 3000, VIPRY 2800, FILDA/2.50 NM TO RW33 2000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.48GS ANT:

6. MIN GP INCPT: 2800GP ALT AT PFAF : VIPRY 2800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 51.6

8. MSA FROM: RW33 3500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRAIG ON V159 SOUTHEAST BOUND AND V216 NORTHEAST BOUND.
CHART NOTE: CIRCLING RWY 5, 23 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1259 TREE 403604.45N/0955232.27W
HOLD NW, RT, 146.39 INBOUND.
CHART VDP AT 0.97 NM TO RW33.
WAAS CHANNEL # 45707
REFERENCE PATH ID: W33A
CHART CIRCLING ICON.
LTP HAE: 323.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	1362	1	200	1362	1	200		NA			NA				
LNAV/VNAV DA	1421	1	259	1421	1	259		NA			NA				
LNAV MDA	1520	1	358	1520	1	358		NA			NA				
CIRCLING	1640	1	475	1640	1	475		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: REPLACED PWE VORTAC WITH HTHWY WAYPOINT AND UPDATED DISTANCE FROM 49.70 TO 49.72 - FPT REQUEST DUE PWE VOR DECOMMISSIONING.
2. TERMINAL ROUTES: CHANGED LEG DISTANCE FROM OJEKE TO VIPRY FROM "6.27" TO "6.20" - PFAF MOVED TO ACCOMMODATE 3.00 GPA.
3. ADDED TERMINAL ROUTES LEG FILDA/2.50 NM TO RW33 TO RW33. - ADDED STEP DOWN FIX FOR LOWER MINS.
4. TERMIAL ROUTES: ADDED MISSED APPROACH CA LEG. - IAW 8260.58B 3-5-2B.
5. PROFILE LINE 1: ADDED "MAX 6000" TO HOLD IN LEIU - IAW 8260.19I PARA 8-6-7B(2).
6. PROFILE LINE 3: CHANGED DISTANCE FAF TO MAP AND FAF TO THLD FROM "4.93" TO "5.00" - RELOCATED FAF 403 FEET SE.
7. REMOVED "DISTANCE TO THLD FROM 250 HATH: 0.64 NM" FROM ADDITIONAL FLIGHT DATA AND ADDED "DIST TO THLD FROM 200 HAT: 0.48" TO PROFILE LINE 5 - UPDATED NOTE FORMAT AND LOWERED LPV HAT.
8. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - NO 20:1 PENETRATIONS EXIST.
9. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 1219 TREE 403606N/0955128W" - IAW 8260.19I PARA 8-6-10C.
10. ADDITIONAL FLIGHT DATA: REMOVED "FAS OBST: 1409 AAO 403208.58N/0955036W" AND REPLACED WITH "FAS OBST: 1259 TREE 403604.45N/0955232.27W " -NEW FAS CONTROLLING OBSTACLE.
11. ADDITIONAL FLIGHT DATA: AMENDED CHART VDP FROM "1.22" TO "0.97" - VDP RECALCULATED WITH NEW STEP DOWN.
12. MINIMUMS: LOWERED LPV DA/HAT FROM 1412/250 TO 1362/200 - NEW OBSTACLE EVALUATION; ALL SURFACES CLEAR.
13. MINIMUMS: LOWERED LNAV/VNAV DA/HAT FROM 1526/364 TO 1421/259; VISIBILITY ALL CATS FROM 1 1/4 TO 1 SM. - NEW OBSTACLE EVALUATION.
14. MINIMUMS: LOWERED LNAV MDA/HAT FROM 1600/438 TO 1520/358 - STEP DOWN FIX ADDED RESULTING IN NEW CONTROLLING OBSTACLE.
15. PBN REQUIREMENTS NOTE: CHANGED "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I, 8-6-8B2.
16. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PWE VORTAC AIRWAY RADIALS 015 CW 071." - FPT REQUEST DUE PWE VORMON.
17. NOTES: CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT TRAIG ON V159 SOUTHEAST BOUND." TO "PROCEDURE NA FOR ARRIVALS AT TRAIG ON V159 SOUTHEAST BOUND AND V216 NORTHEAST BOUND." - IAW 8260.19I, 8-2-5E2.
18. ADDED CHART NOTE: CIRCLING RWY 5, 23 NA AT NIGHT. - RWY 5 AND 23 DO NOT HAVE A SURVEY OR RUNWAY MARKINGS.
19. CHART NOTE: MOVED ALTERNATE ALTIMETER NOTES TO 8260-9 PART C - REMARKS. - IAW 8260.19H 8-6-9 F(4).
20. FAS DATA BLOCK: LTP/FPT LAT/LONG CHANGED FROM "403605.2615N/0955142.5820W" TO "403605.2615N/0955142.5825W" - UPDATED TO MATCH CURRENT AIRNAV DATA.
21. FAS DATA BLOCK: FPAP LAT/LONG CHANGED FROM "403723.6000N/0955238.4300W" TO "403723.5995N/0955238.4460W" - RECALCULATED WITH UPDATED LTP/FPT LOCATION.
22. FAS DATA BLOCK: VAL REDUCED FROM "50.0" TO "35.00" - LPV HAT LOWERED FROM "250" TO "200".
23. FAS DATA BLOCK: CRC REMAINDER UPDATED FROM "740B36BB" TO "5CACDEE6"- LTP/FTP AND FPAP LAT/LONG UPDATED..

COORDINATED WITH:A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER:**FLIGHT CHECKED BY**

JAMES D ARNOLD

*Digitally signed by***CASIMIR L TABAKA**

Aug 15, 2022

OFFICE

FPO

DATE

08/11/2022

DEVELOPED BY

CASIMIR L. TABAKA (LEAH JENSEN)

*Digitally signed by***CASIMIR L TABAKA**

Jul 19, 2022

OFFICE

AJV-A432

DATE

06/06/2022

APPROVED BY

JOHNNIE BAKER

*Digitally signed by***CASIMIR L TABAKA**

Jul 19, 2022

OFFICE

AJV-A430

DATE**TITLE**
MANAGERQUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAFK
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	403605.2615N
LTP/FTP LONGITUDE	0955142.5825W
LTP/FTP ELLIPSOIDAL HEIGHT	+03235
FPAP LATITUDE	403723.5995N
FPAP LONGITUDE	0955238.4460W
THRESHOLD CROSSING HEIGHT (TCH)	00051.6
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)	35.0
CRC REMAINDER	5CACDEE6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03528
FPAP ORTHOMETRIC HEIGHT	+03528

