

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</u> ALLIANCE MUNI	<u>AIRPORT ID</u> KAIA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> ALLIANCE	<u>STATE</u> NE
<u>AIRPORT ELEVATION</u> 3931	<u>TDZE</u> 3930	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 01/18/2007	<u>MAG VAR</u> 7E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
BFF VORTAC		NUNYI		TF	FB	2.00	044.25	22.99	6100
EVENN		PEGIC		TF	FB	2.00	277.51	26.45	5900
NUNYI	IAF	JIVAM	NOPT	TF	FB	1.00	037.13	5.00	5900
PEGIC	IAF	JIVAM	NOPT	TF	FB	1.00	217.23	5.00	5900
JIVAM	IF/IAF	HOROV		TF	FB	1.00	127.18	6.10	5700
HOROV	FAF	LURIY/2.00 NM TO RW12		TF	FB	0.30	127.24	3.35	
LURIY/2.00 NM TO RW12		RW12	MAP	TF	FO	0.30	127.24	2.00	
RW12	MAP	4180 MSL		CA			127.24		
4180 MSL		DEMTY		DF	FO	1.00			6100

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6100 DIRECT DEMTY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NW JIVAM, RT, 127.18 INBOUND, 5900 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAC: 127.24 FAF: HOROV DIST FAF TO MAP: 5.35 DIST FAF TO THLD: 5.35

4. MIN ALT: JIVAM 5900, HOROV 5700, LURIY/2.00 NM TO RW12 4600*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.66 GS ANT: MM: IM:

6. MIN GP INCPT: 5700 GP ALT AT FAF : HOROV 5700 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 39.3

8. MSA FROM: RW12 6800

PBN REQUIREMENTS NOTES:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C OR ABOVE 54C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BFF VORTAC AIRWAY RADIALS 358 CW 098.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.1 NM TO RW12*
*LNAV ONLY
WAAS CHANNEL #61202
REFERENCE PATH ID: W12A
CHART FAS OBST: 4018 BUILDING 420350N/1024859W.
HOLD SE, RT, 307.44 INBOUND
LTP HAE: 1179 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	4180	1	250	4180	1	250	4180	1	250	4180	1	250			
LNAV/VNAV DA	4273	1 1/4	343	4273	1 1/4	343	4273	1 1/4	343	4273	1 1/4	343			
LNAV MDA	4320	1	390	4320	1	390	4320	1 1/8	390	4320	1 1/4	390			
CIRCLING	4360	1	429	4500	1	569	4520	1 1/2	589	4520	2	589			



AIRPORT ALLIANCE MUNI	AIRPORT ID KAIA	PROCEDURE NAME RNAV (GPS) RWY 12	ORIGINAL/AMENDMENT ORIG-A	CITY ALLIANCE	STATE NE
CHANGES - REASONS					
1. AMENDED PROCEDURE MAGVAR FROM 11E TO 7E - IN ACCORDANCE WITH FAAO 8260.19H, PARA 2-5-3B. 2. INCREASED ALL MAGNETIC COURSES 4 DEGREES - COMPUTED USING UPDATED PROCEDURE MAGVAR. 3. ADDED 20:1 IS CLEAR - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-7G(3). 4. AMENDED LNAV CAT C VISIBILITY FROM 1 TO 1 1/8 SM - COMPUTED IN ACCORDANCE WITH FAAO 8260.3C, TABLE 3-3-1. 5. AMENDED CIRCLING CAT A VISIBILITY FROM 1 1/4 TO 1 - COMPUTED IN ACCORDANCE WITH FAAO 8260.3C, TABLE 3-3-7. CIRCLING VISIBILITY NO LONGER COMPARED AGAINST VERTICALLY GUIDED VISIBILITY FOR MINIMUM VALUES. 6. AMENDED CAT B CMDA/HAA FROM 4400/469 TO 4500/569 AND VISIBILITY FROM 1 1/4 TO 1 - STANDARDIZE CAT B CIRCLING MDA WITH OTHER PUBLISHED PROCEDURES AT THE AIRPORT. VISIBILITY COMPUTED IN ACCORDANCE WITH FAAO 8260.3C, TABLE 3-3-7. CIRCLING VISIBILITY NO LONGER COMPARED AGAINST VERTICALLY GUIDED VISIBILITY FOR MINIMUM VALUES. 7. AMENDED CAT C CMDA/HAA FROM 4440/509 TO 4520/589 - STANDARDIZE CAT C CIRCLING MDA WITH OTHER PUBLISHED PROCEDURES AT THE AIRPORT. 8. AMENDED CAT D CMDA/HAA FROM 4500/569 TO 4520/589 - STANDARDIZE CAT D CIRCLING MDA WITH OTHER PUBLISHED PROCEDURES AT THE AIRPORT. 9. DELETED NOTES: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE SCOTTSBLUFF ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND VDP NA WHEN USING SCOTTSBLUFF ALTIMETER SETTING - LOCAL ASOS IS ON WMSCR. BACK-UP ALTIMETER ADJUSTMENTS AND NOTES MOVED TO FAA FORM 8260-9 FOR CONTINGENCY USE DURING KAIA ASOS OUTAGES. 10. DELETED NOTE: DME/DME RNP-0.3 NA - REPLACED BY EQUIPMENT REQUIREMENT NOTE. 11. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-8. 12. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV TEMPERATURE LIMITS AND AMENDED HIGH LIMIT FROM 41C TO 54C - FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-9S. HIGH TEMP CALCULATED USING AFS LOW/HIGH TEMPERATURE LIMIT CALCULATOR. 13. DELETED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BFF VORTAC VIA V524 NORTHWEST BOUND AND VIA V81-169 SOUTHBOUND - REPLACED BY UPDATED NOTE. 14. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BFF VORTAC AIRWAY RADIALS 358 CW 098 - TURNS EXCEED 90 DEGREE MAXIMUM. 15. DELETED CHART FAS OBST: 4003 CHY 420345N/1024900W - REPLACED BY UPDATED FAS OBSTACLE. 16. ADDED CHART FAS OBST: 4018 BUILDING 420350N/1024859W - NEW FAS OBSTACLE IDENTIFIED (NO CHANGE TO PUBLISHED LNAV MDA REQUIRED). 17. ADDED A CA LEG TO MISSED APPROACH SEGMENT - IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY. 18. DELETED ALTERNATE MINIMUMS RESTRICTION NA WHEN LOCAL WEATHER NOT AVAILABLE - NO LONGER REQUIRED, LOCAL ASOS IS ON WMCSR. 19. FAS DATA: AMENDED LTP LAT/LONG FROM 420336.0000N/1024906.9300W TO 420335.9995N/1024906.9375W - MATCH CURRENT AIRNAV VALUE. 20. FAS DATA: AMENDED FPAP LAT/LONG FROM 420232.51000N/1024739.6700W TO 420233.7355N/1024741.3555W - COMPUTED USING AFS FPAP CALCULATOR. 21. FAS DATA: AMENDED CRC REMAINDER FROM 487BD909 TO CEB24BBB - COMPUTED USING AMENDED LTP LAT/LONG AND FPAP LAT/LONG.					



COORDINATED WITH:

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

FLIGHT CHECKED BY

BRYAN VEIT

DEVELOPED BY

PETER R. GUIMOND

Digitally signed by
PETER R GUIMOND
Jun 12, 2018

APPROVED BY

JULIE MORGAN

OFFICE

FICO

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

8/29/18

DATE

06/12/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Sep 04, 2018

TITLE

Digitally signed by
ROBERT G HAMILTON
Sep 04, 2018

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAIA
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	420335.9995N
LTP/FTP LONGITUDE	1024906.9375W
LTP/FTP ELLIPSOIDAL HEIGHT	+01179
FPAP LATITUDE	420233.7355N
FPAP LONGITUDE	1024741.3555W
THRESHOLD CROSSING HEIGHT (TCH)	00039.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 CEB24BBB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+11978
FPAP ORTHOMETRIC HEIGHT	+11978

