

**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> KBIE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> BEATRICE	<u>STATE</u> NE		
<u>AIRPORT ELEVATION</u> 1324	<u>TDZE</u> 1319	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 DECEMBER 2023	<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>
PANNY		DADAC		TF	FB	1.00	245.35	15.43	4000
DADAC	IAF	MIDIE	NOPT	TF	FB	1.00	229.17	7.00	3600
GADWY	IAF	MIDIE	NOPT	TF	FB	1.00	059.94	12.45	3600
MIDIE	IF/IAF	TADGE		TF	FB	1.00	139.09	7.36	3000
TADGE	FAF	WUBIL/1.90 NM TO RW14		TF	FB	0.30	139.16	3.24	
WUBIL/1.90 NM TO RW14		RW14	MAP	TF	FO	0.30	139.16	1.90	
RW14	MAP	1569 MSL		CA			139.16		
1569 MSL		SHIRS		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT SHIRS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW MIDIE, RT, 139.09 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 139.16FAF: TADGEDIST FAF TO MAP: 5.14DIST FAF TO THLD: 5.14

4. MIN ALT: MIDIE 3600, TADGE 3000, WUBIL/1.90 NM TO RW14 1960

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.64GS ANT:

6. MIN GP INCPT: 3000GP ALT AT PFAF : TADGE 3000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW14 3300

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 PANNY ON V71 SOUTHEAST BOUND AND ARRIVALS AT GADWY ON V50 WEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 319.31 INBOUND.
CHART FAS OBST: 1424 TREE 401951N/0964648W.
CHART VDP AT 1.24 NM TO RW14.
WAAS CHANNEL # 69620
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 375.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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	1569	1	250	1569	1	250	1569	1	250	1569	1	250			
LNAV/VNAV DA	1569	1	250	1569	1	250	1569	1	250	1569	1	250			
LNAV MDA	1760	1	441	1760	1	441	1760	1 3/8	441	1760	1 3/8	441			
CIRCLING	1760	1	436	1800	1	476	2000	2	676	2100	2 1/2	776			



CHANGES - REASONS

1. UPDATED FEEDER BETTI TO MIRIN, SEEDS TO SINAR RNP FROM 2.00 TO 1.00. - 8260.58B TABLE 1-2-1; WITHIN 30NM OF ARP.
2. LINE 2: ADDED MAX ALTITUDE 6000. - IAW 8260.19I 8-6-7 B(2).
3. LINE 4: REMOVED *, AND *LNAV ONLY FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.
4. LINE 5: ADDED DISTANCE TO THLD FROM 250 HAT: 0.64. REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.64 NM" FROM ADDITIONAL FLIGHT DATA. - FORMS UPDATED.
5. LINE 7 20:1 IS CLEAR ADDED. - NO 20:1 PENETRATIONS DOCUMENTED.
6. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
7. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 35C (95F) UPDATED TO -17F TO 54C. - FAHRENHEIT REMOVED IAW 8260.19I; HIGH TEMP UPDATED IAW 8260.58B 3-3-4 1(B).
8. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PANNY ON V71 SOUTHEAST AND ARRIVALS AT GADWY ON V50 WEST BOUND. - PER FPT; V71 AND V50 CANCELLED.
9. ALTERNATE MINIMUMS - ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.19I 8-6-11 B(4).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, ZMP APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE*Digitally signed by***DATE****CASIMIR L TABAKA**

Jul 14, 2023

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

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

Jul 14, 2023

OFFICE

AJV-A432

DATE

06/29/2023

APPROVED BY

CASIMIR TABAKA

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

Jul 14, 2023

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBIE
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	401818.1725N
LTP/FTP LONGITUDE	0964534.3005W
LTP/FTP ELLIPSOIDAL HEIGHT	+03751
FPAP LATITUDE	401706.7700N
FPAP LONGITUDE	0964424.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	742247E2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04021
FPAP ORTHOMETRIC HEIGHT	+04021