

**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 32	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> BEATRICE	<u>STATE</u> NE		
<u>AIRPORT ELEVATION</u> 1324	<u>TDZE</u> 1312	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<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> 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>
STEEL		WILRT		TF	FB	1.00	080.13	20.11	3600
WILRT	IAF	SHIRS	NOPT	TF	FB	1.00	049.22	7.00	3600
SHIRS	IF/IAF	SARDR		TF	FB	1.00	319.31	7.30	3000
SARDR	FAF	RUNEY/1.90 NM TO RW32		TF	FB	0.30	319.24	3.26	
RUNEY/1.90 NM TO RW32		RW32	MAP	TF	FO	0.30	319.24	1.90	
RW32	MAP	1562 MSL		CA			319.24		
1562 MSL		MIDIE		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT MIDIE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE SHIRS, RT, 319.31 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 319.24FAF: SARDRDIST FAF TO MAP: 5.16DIST FAF TO THLD: 5.16

4. MIN ALT: SHIRS 3600, SARDR 3000, RUNEY/1.90 NM TO RW32 1960

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

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

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW32 3300

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
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 STEEL ON V532 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 139.09 INBOUND.
CHART FAS OBST: 1481 TANK (31-000852) 401640N/0964342W.
CHART VDP AT 1.20 NM TO RW32.
WAAS CHANNEL # 58320
REFERENCE PATH ID: W32A
CHART CIRCLING ICON.
LTP HAE: 372.8 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	1562	1	250	1562	1	250	1562	1	250	1562	1	250			
LNAV/VNAV DA	1685	1	373	1685	1	373	1685	1	373	1685	1	373			
LNAV MDA	1740	1	428	1740	1	428	1740	1 1/4	428	1740	1 1/4	428			
CIRCLING	1820	1	496	1820	1	496	2000	2	676	2100	2 1/2	776			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS AMDTS 1 A/B/C INTO FORM. - IAW 8260.19I 8-3-4 C(3).
2. REMOVED INITIAL FROM PWE VORTAC. - PWE VORTAC DECOMMISSIONING.
3. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PWE VORTAC AIRWAY RADIALS 189 CW 329. - INITIAL REMOVED.
4. LINE 2: ADDED HOLD-IN-LIEU MAX ALTITUDE 6000. - UPDATED FORMS.
5. REMOVED * FROM PROFILE LINE 4, VDP AND REMOVED *LNAV ONLY FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
6. LINE 5: ADDED DIST TO THLD FROM 250 HAT: 0.64; REMOVED ADDITIONAL FLIGHT DATA: "DISTANCE TO THLD FROM 250 HATH: 0.64 NM". - UPDATED FORMS.
7. LINE 7: ADDED 20:1 IS CLEAR. - NO 20:1 PENETRATIONS EXIST.
8. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
9. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 35C (95F) UPDATED TO -15F TO 54C. - FAHRENHEIT REMOVED IAW 8260.19I 8-6-9 R.
10. REMOVED ADDITIONAL FLIGHT DATA: 1587 TOWER 401543N/0964226W. - ONLY NON-PRECISION OBSTACLES ARE DOCUMENTED IAW 8260.19I 8-6-10 C.
11. ALTERNATE MINIMUMS - ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.19I 8-6-11 B(4).
12. ADDED OBSTACLE ID TO NON-PRECISION FINAL CONTROLLER IN ADDITIONAL FLIGHT DATA. - IAW 8260.19I 8-6-10C.
13. UPDATED STEP TO RWY AND RWY TO CA COURSE TO THAT OF THE FAC, FROM 319.22 TO 319.24
14. LOWERED LNAV/VNAV VISIBILITY FROM 1 1/4 TO 1. - UPDATED TO NEW VISIBILITY TABLE.
15. PROFILE LINE 4: UPDATED FROM "SHIRS 3600, SARDR 3000, RUNEY/1.90 NM TO RW32 1940" TO "SHIRS 3600, SARDR 3000, RUNEY/1.90 NM TO RW32 1960." - FINAL STEPDOWN ALTITUDE INCREASED TO MATCH VERTICAL ANGLE ALTITUDE.

COORDINATED WITH:

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

FLIGHT CHECKED BY
JAMES D ARNOLD

OFFICE
FPO

DATE
08/11/2022

Digitally signed by
CASIMIR L TABAKA
Jun 14, 2022

DEVELOPED BY
CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
CASIMIR L TABAKA
Jun 14, 2022

OFFICE
AJV-A432

DATE
04/25/2022

APPROVED BY
CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Jun 14, 2022

OFFICE
AJV-A430

DATE

TITLE
MANAGER

QUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBIE
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	401743.3500N
LTP/FTP LONGITUDE	0964500.2755W
LTP/FTP ELLIPSOIDAL HEIGHT	+03728
FPAP LATITUDE	401854.7400N
FPAP LONGITUDE	0964610.0500W
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	B1E901D6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03998
FPAP ORTHOMETRIC HEIGHT	+03998

