

**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 36	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> BEATRICE	<u>STATE</u> NE		
<u>AIRPORT ELEVATION</u> 1324	<u>TDZE</u> 1307	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2B	<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>
MARXN	IAF	KUDDDS	NOPT	TF	FB	1.00	265.74	8.00	3100
STEEL	IAF	KUDDDS	NOPT	TF	FB	1.00	076.66	18.31	3100
KUDDDS	IF/IAF	ANDRS		TF	FB	1.00	355.63	8.00	3000
ANDRS	FAF	RW36	MAP	TF	FO	0.30	355.63	5.19	
RW36	MAP	1507 MSL		CA			355.63		
1507 MSL		HAMUL		DF	FO	1.00			3900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3900 DIRECT HAMUL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S KUDDSD, RT, 355.63 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 355.63FAF: ANDRSDIST FAF TO MAP: 5.19DIST FAF TO THLD: 5.19

4. MIN ALT: KUDDSD 3100, ANDRS 3000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.50GS ANT:

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

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 41.4

8. MSA FROM: RW36 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 STEEL ON V216 AND V532 SOUTHWEST BOUND.
CHART NOTE: WHEN ALS INOP INCREASE LNAV CATS A/B TO 1 SM.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 175.63 INBOUND.
FAS OBST: 1590 AAO 401320N/0964455W.
1610 AAO 401224N/0964629W.
CHART VDP AT 1.54 NM TO RW36.
WAAS CHANNEL # 61099
REFERENCE PATH ID: W36A
CHART CIRCLING ICON.
LTP HAE: 370.6 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	1507	3/4	200	1507	3/4	200	1507	3/4	200	1507	3/4	200			
LNAV/VNAV DA	1557	3/4	250	1557	3/4	250	1557	3/4	250	1557	3/4	250			
LNAV MDA	1840	3/4	533	1840	3/4	533	1840	1	533	1840	1	533			
CIRCLING	1840	1	516	1840	1	516	2000	2	676	2100	2 1/2	776			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS AMDTS 2 A/B INTO FORM. - IAW 8260.19I 8-3-4 C(3).
2. REMOVED FEEDER FROM PWE VORTAC. - PWE VORTAC DECOMMISSIONING.
3. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PWE VORTAC AIRWAY RADIALS 189 CW 329. - FEEDER REMOVED.
4. LNAV/VNAV DA/HAT DECREASED FROM 1559/252 TO 1557/250. - FINAL SEGMENT ASC, 250 HAT REQUIRED. PREVIOUSLY INCREASED WITH THLD TO TDZE CONVERSION, P-NOTAM 2A.
5. TERMINAL ROUTES: UPDATED CA LEG ALTITUDE FROM 1505 TO 1507 MSL. - LPV DA UPDATED ON AMDT 2A.
6. LINE 2: ADDED HOLD-IN-LIEU MAX ALTITUDE 6000. - UPDATED FORMS.
7. LINE 5: ADDED DIST TO THLD FROM 200 HAT: 0.50; REMOVED ADDITIONAL FLIGHT DATA: "DISTANCE TO THLD FROM 200 HATH: 0.50 NM". - UPDATED FORMS.
8. LINE 7: ADDED 20:1 IS CLEAR. - NO 20:1 PENETRATIONS EXIST.
9. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
10. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (7F) OR ABOVE 54C (130F) UPDATED TO -17F TO 54C. - FAHRENHEIT REMOVED IAW 8260.19I; LOW TEMP UPDATED PER EVALUATION.
11. UPDATED CHART VDP FROM "1.55NM TO RW36" TO "1.54NM TO RW36." - UPDATED PER EVALUATION.
12. UPDATED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE AND LNAV CAT A/B VISIBILITY TO 1" TO "WHEN ALS INOP INCREASE LNAV CATS A/B TO 1 SM" AND "INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS." - NEW EVALUATION COMPLETED; IAW WITH INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.

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
04/26/2022

APPROVED BY
CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Jun 14, 2022

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	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	401740.0155N
LTP/FTP LONGITUDE	0964512.6375W
LTP/FTP ELLIPSOIDAL HEIGHT	+03706
FPAP LATITUDE	401909.1800N
FPAP LONGITUDE	0964513.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00041.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	06045819

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03976
FPAP ORTHOMETRIC HEIGHT	+03976

