

**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> KVBT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> BENTONVILLE	<u>STATE</u> AR	
<u>AIRPORT ELEVATION</u> 1298	<u>TDZE</u> 1298	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 1E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 089/30 CW 269/30	NOPT	ZATEB	IF/IAF	3200
2. 269/30 CW 089/30		ZATEB	IF/IAF	3400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZATEB	IF/IAF	OHGUP		TF	FB	1.00	179.41	5.84	3000
OHGUP	FAF	MANBE/1.60 NM TO RW18		TF	FB	0.30	179.41	3.63	
MANBE/1.60 NM TO RW18		RW18	MAP	TF	FO	0.30	179.41	1.60	
RW18	MAP	1548 MSL		CA			179.41		
1548 MSL		KANGE		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT KANGE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)

2. HOLD N ZATEB, RT, 179.41 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.

3. **FAC:** 179.41 **FAF:** OHGUP **DIST FAF TO MAP:** 5.23 **DIST FAF TO THLD:** 5.23

4. **MIN ALT:** ZATEB 3200, OHGUP 3000, MANBE/1.60 NM TO RW18 1900*

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

6. **MIN GP INCPT:** 3000 **GP ALT AT FAF :** OHGUP 3000 **OM:** **MM:** **IM:**

7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 45.0

8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17 AND 35.
 CHART NOTE: RWY 18 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.
 *LNAV ONLY

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 359.42 INBOUND.
 CHART FAS OBST: 1444 TANK 362225N/0941241W.
 WAAS CHANNEL # 77830
 REFERENCE PATH ID: W18A
 CHART CIRCLING ICON.
 LTP HAE: 364.8 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		
	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	1548	1	250	1548	1	250	1548	1	250	1548	1	250			
LNAV/VNAV DA	1688	1 1/8	390	1688	1 1/8	390	1688	1 1/8	390	1688	1 1/8	390			
LNAV MDA	1700	1	402	1700	1	402	1700	1 1/8	402	1700	1 1/8	402			
CIRCLING	1780	1	482	1780	1	482	1920	1 3/4	622	1940	2	642			



CHANGES - REASONS

1. DELETED "PT" FROM TAA LINE 2 FIX TYPE -- NO PT ENTRY IF COURSE REVERSAL IS REQUIRED IAW 8260.19H, 8-6-3.A(1)(B).
2. RAISED LNAV STEPDOWN ALTITUDE AT MANBE FROM "1840" TO "1900" ON PROFILE LINE 4 -- OPTIMIZED DESCENT GRADIENT.
3. ADDED "CHART NOTE: CIRCLING NA TO RWYS 17 AND 35" -- NEW TURF RWY 17/35 NOT APPROVED FOR IFR OPS PER EFPT.
4. ADDED "CHART FAS OBST: 1444 TANK 362225N/0941241W" TO ADDITIONAL FLIGHT DATA -- PREVIOUS AMDT DID NOT CHART THIS FAS OBSTACLE; 8260.19H, 8-6-10.C.
5. UPDATED MISSED APPROACH HOLDING INBOUND COURSE FROM "359.41" TO "359.42" -- FIX KANGE REVISION 4 UPDATED MAGVAR.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZME, AMGR, RZC APP CON

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

JASON KRETSCHMER

OFFICE

DATE

Jan 14, 2021

AJV-A421

10/01/2020

DEVELOPED BY

JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by

JASON KRETSCHMER

Jan 14, 2021

OFFICE

DATE

AJV-A420

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Jan 14, 2021

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVBT
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	362102.5085N
LTP/FTP LONGITUDE	0941309.4295W
LTP/FTP ELLIPSOIDAL HEIGHT	+03648
FPAP LATITUDE	361933.2900N
FPAP LONGITUDE	0941310.2200W
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	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7391E0B7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03929
FPAP ORTHOMETRIC HEIGHT	+03929

