

**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> KBED	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> BEDFORD	<u>STATE</u> MA	
<u>AIRPORT ELEVATION</u> 132	<u>TDZE</u> 128	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>DATED</u> 12/05/2019	<u>MAG VAR</u> 16W
<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> 1995

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 143/30 CW 323/30		JENDI	IF/IAF	2800
2. 053/30 CW 143/30		EZKOW	IAF	3400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LOBBY		EZKOW		TF	FB	1.00	075.29	19.85	3000
DREEM		JABMU		TF	FB	1.00	066.83	10.00	3100
JABMU		EZKOW		TF	FB	1.00	066.94	19.63	3000
EZKOW	IAF	JENDI	NOPT	TF	FB	1.00	143.17	5.00	2000
LWRNC	IAF	JENDI	NOPT	TF	FB	1.00	209.65	7.29	2000
JENDI	IF/IAF	OYIVE		TF	FB	1.00	233.22	6.04	1800
OYIVE	FAF	RW23	MAP	TF	FO	0.30	233.19	5.08	
RW23	MAP	532 MSL		CA			233.19		
532 MSL		CACVA		DF	FB	1.00			
CACVA		WHYBE		TF	FO	1.00	211.01	8.87	3000



MISSED APPROACH

MAP:

LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT CACVA AND ON TRACK 211.01 TO WHYBE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- 1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- 2. HOLD NE JENDI, RT, 233.22 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. FAC: 233.19 FAF: OYIVE DIST FAF TO MAP: 5.08 DIST FAF TO THLD: 5.08
- 4. MIN ALT: JENDI 2000, OYIVE 1800
- 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- 6. MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:
- 7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
- 8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

OYIVE TO RW23: 3.04/53
CHART: R-4102A, R-4102B
CHART: VDP 1.57 TO RW23
HOLD E, RT, 268.04 INBOUND.
CHART FAS OBST: 341 TANK 423042N/0711447W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 800-2 1/4, 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
LNAV MDA	640	1	512	640	1	512	640	1 3/8	512	640	1 3/8	512				
CIRCLING	740	1	608	800	1	668	880	2 1/4	748	920	2 1/2	788				

QUALITY
10
CHECKED

CHANGES - REASONS

1. REMOVED ALL INITIAL SEGMENT FROM LWM VOR/DME TO JENDI. - LWM VOR/DME DECOMMISSIONED.
2. ADDED INITIAL SEGMENT FROM LWRNC WP TO JENDI. - FIX LWRNC REPLACES LWM VOR/DME.
3. REMOVED FEEDER SEGMENT FROM WITCH TO LWRNC WP. - TURN EXCEEDS 90 DEGREES.
4. REMOVED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT WITCH ON V3 SOUTHBOUND. - REMOVED PER ATC REQUEST.
5. REMOVE PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT LOBBY ON V431 WESTBOUND. - REMOVED PER ATC REQUEST.
6. ADDED "L" MODIFIED TAA DESIGN AT EZKOW AND JENDI. - ADDED PER ATC REQUEST.
7. DIST FAF TO MAP/THLD CHANGED FROM 5.02 NM TO 5.08 NM. - OPTIMIZED FAF LOCATION.
8. FAC UPDATED FROM 233.18 TO 233.19. - OPTIMIZED FAF LOCATION.
9. COURSE/DIST FROM JENDI TO OYIVE UPDATED FROM 233.23/6.10 TO 233.22/6.04. - OPTIMIZED FAF LOCATION.
10. ADDED CHART CIRCLING ICON. - UPDATED CIRCLING RADII UTILIZED.
11. LNAV CAT C/D VISIBILITY UPDATED FROM 1 1/2 TO 1 3/8. - VISIBILITY UPDATED IAW APPROVED VISI TOOL.
12. HOLD-IN-LIEU COURSE INBOUND CHANGED FROM 233.23 TO 233.24. - PER TARGETS.
13. REMOVED BACKUP ALTIMETER NOTE. - MOVED TO -9 AS A CONTINGENCY NOTE.
14. VDP ADDED TO ADDITIONAL FLIGHT DATA. - ADDED IAW 8260.19H CHAP 8 PARA 8-6-10(N)3.

COORDINATED WITH:

A4A
ALPA
AOPA
APA
HAI
NBAA
OTHER: ZBW, BOS APP CON, BED ATCT, BED AMGR

Digitally signed by

FLIGHT CHECKED BY

DONALD H LANIER

OFFICE

DATE

JEREMY R VIRTS

Dec 17, 2020

FICO

12/16/2020

DEVELOPED BY

Digitally signed by
NICHOLAS JACKSON

OFFICE

DATE

NICHOLAS K. JACKSON

Oct 28, 2020

AJV-A431

05/26/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by
DONALD H LANIER

OFFICE

AJV-A430

DATE

Dec 17, 2020

TITLE
MANAGER

