

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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 (RNP) Y RWY 29	<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SUPERSEDED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 (RNP) Y RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/25/2017	<u>MAG VAR</u> 16W	<u>EPOCH YEAR</u> 1995
<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>		

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>
LWRNC	IAF	YANRU		TF	FB	1.00	188.02	7.70	2000
YANRU	IF	HADEV		TF	FB	1.00	188.21	6.65	1800
EXXRO	IF	UJEGE		TF	FB	1.00	132.51	5.49	1800
UJEGE		HADEV		RF	FB	1.00	(2.60 NM RADIUS CW (CFFGS))	2.52	1800
HADEV		ZOSLA		RF	FB	1.00	(2.60 NM RADIUS CW (CFFGS))	4.77	1800
MORIS	IF	ZOSLA		TF	FB	1.00	293.31	4.02	1800
ZOSLA		JAYSE		TF	FB	1.00	293.25	2.00	1800
JAYSE	PFAF	RW29	MAP	TF	FO	0.30	293.22	5.09	
RW29	MAP	COMON		TF	FB	1.00	293.14	4.00	
COMON		SOSYO		TF	FO	1.00	296.86	3.08	2000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 ON TRACK 293.14 TO COMON THEN ON TRACK 296.86 TO SOSYO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT ZOSLA

3. FAC: 293.22

FAF: JAYSE

DIST FAF TO MAP:

DIST FAF TO THLD: 5.09

4. MIN ALT: ZOSLA 1800, JAYSE 1800

5. DIST TO THLD FROM OM: 5.09

MM:

IM:

150 HAT:

523 HAT: 1.49

GS ANT:

6. MIN GP INCPT: 1800

GP ALT AT FAF : JAYSE 1800

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 54.7

8. MSA FROM: RW29 3400

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE ADJACENT TO EXXRO: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO LWRNC: RF REQUIRED.
CHART PLANVIEW NOTE AT EXXRO: MAX 210 KIAS.
CHART PLANVIEW NOTE AT HADEV: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 293.00 INBOUND.
CHART R-4102 A/B.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	651	1	523	651	1	523	651	1	523	651	1	523			



CHANGES - REASONS

1. REMOVED NOTE GPS REQUIRED. - NOTE NO LONGER REQUIRED.
2. REMOVED ALL REFERENCES TO LWM VOR/DME AND REPLACED WITH LWRNC WP. - LWM VOR/DME DECOMMISSIONED.
3. REMOVED ROUTE TYPE QUALIFIERS FROM ADDITIONAL FLIGHT DATA. - TYPE QUALIFIERS NO LONGER REQUIRED.
4. ADDED PBN EQUIPMENT REQUIREMENT NOTE "RNP AR APCH". - ADDED IAW 8260.58A CHNG 2 TABLE 1-2-1.
5. REMOVED FARENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE. - FARENHEIT VALUES NO LONGER REQUIRED.
6. VISIBILITY FOR ALL CATS DECREASED FROM 1 1/4 SM TO 1 SM. - VISIBILITIES INCREASED IAW APPROVED VISI TOOL.
7. REMOVED PLANVIEW NOTE "RADAR REQUIRED FOR ARRIVALS AT MORIS. -
8. REMOVED PLANVIEW NOTE "RADAR REQUIRED FOR ARRIVALS AT LWRNC. -
9. UNCOMPENSATED BARO-VNAV LOW TEMP CHANGED FROM -16°C TO -19°C. - UPDATED 5-YEAR WEATHER HISTORY UTILIZED.
10. REMOVED NOTE "FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/4. - NOTE NO LONGER APPLICABLE.
11. DA ALL CATS UPDATED FROM 646 TO 651. - TDZE UTILIZED IN LIEU OF THRE.

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**
JEREMY R VIRTs Dec 17, 2020

OFFICE **DATE**
FICO 12/16/2020

DEVELOPED BY *Digitally signed by*
NICHOLAS K. JACKSON **NICHOLAS JACKSON**
Oct 28, 2020

OFFICE **DATE**
AJV-A431 06/11/2020

APPROVED BY *Digitally signed by*
LONNIE EVERHART **DONALD H LANIER**
Dec 17, 2020

OFFICE **DATE** **TITLE**
AJV-A430
MANAGER

QUALITY
10
CHECKED