

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> BVY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> BEVERLY	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 107	<u>TDZE</u> 85	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 12/28/2023
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 JANUARY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 16W
				<u>EPOCH YEAR</u> 1985
				<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>
COLLE	IAF	EXXRO		TF	FB	1.00	162.33	6.03	2000
RIKAH	IAF	EXXRO		TF	FB	1.00	097.09	10.12	2000
EXXRO	IF	DIXNN		TF	FB	1.00	106.39	6.66	1800
DIXNN	FAF	ZAPOB/1.23 NM TO MEMAE		TF	FB	0.30	105.27	3.50	
ZAPOB/1.23 NM TO MEMAE		MEMAE	MAP	TF	FO	0.30	105.27	1.23	
MEMAE	MAP	600 MSL		CA			105.27		600
600 MSL		WAKBI		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LP: MEMAE
LNAV: MEMAE

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT WAKBI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT EXXRO
- FAC: 105.27 FAF: DIXNN DIST FAF TO MAP: 4.74 DIST FAF TO THLD: 5.25
- MIN ALT: EXXRO 2000, DIXNN 1800, ZAPOB/1.23 NM TO MEMAE 700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: MEMAE 2500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 021.00 INBOUND.
CHART FAS OBST: 310 TREE 423512N/0705636W, 258 TREE (25-083163) 423421N/0705734W.
WAAS CHANNEL # 65640
REFERENCE PATH ID: W09A
CHART AT OR ABOVE 2000 AT COLLE.
CHART AT OR ABOVE 3000 AT RIKAH.
FAC CROSSES RWY C/L EXTENDED 3156 FT FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.08 DEGREES.
DIXNN TO RW09: 3.08/55.
FICTITIOUS THRESHOLD POINT (CFCGF) DO NOT CHART.
FTP HAE: -5.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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
LP MDA	520	1	435	520	1	435	520	1 1/4	435	520	1 1/4	435			
LNAV MDA	560	1	475	560	1	475	560	1 3/8	475	560	1 3/8	475			
CIRCLING	600	1	493	600	1	493	820	2	713	820	2 1/4	713			

CHANGES - REASONS

1. REPLACED NOTE 'STRAIGHT-IN RWY 9 NA AT NIGHT, CIRCLING RWY 9 NA AT NIGHT' WITH 'PROCEDURE NA AT NIGHT' - 20:1 PENETRATIONS EXIST TO ALL RUNWAYS AND PER 8260.19K PARA. 8-6-12O(2)(A).
2. CHANGED FAS OBST FROM 292 VEGETATION (25-047676) 423513N/0705636W, 215 BLDG_TWR (25-020412) 423427N/0705638W TO 310 TREE 423512N/0705632W, 258 TREE (25-083163) 423421N/0705734W IN ADDITIONAL FLIGHT DATA - NEW TARGETS SOFTWARE EVALUATION.
3. REWORD ADDITIONAL FLIGHT DATA ENTRIES FROM "CHART MINIMUM 2000 AT COLLE" AND "CHART MINIMUM 3000 AT RIKAH" TO "CHART AT OR ABOVE 2000 AT COLLE" AND "CHART AT OR ABOVE 3000 AT RIKAH" - PER 8260.19K PARA. 8-6-11N.
4. REMOVED "CHART CIRCLING ICON" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED PER CRITERIA MEMORANDUM DATED 5/15/2025.
5. RAISED LP HAT/MDA FROM 480/394 TO 520/435 AND INCREASED VISIBILITY CAT C/D FROM 1 1/8 SM TO 1 1/4 SM - NEW CONTROLLING OBSTACLE AND PER 8260.3G TABLE 3-3-1.
6. CHANGED LNAV HAT FROM 474 TO 475 - TOUCHDOWN ZONE ELEVATION LOWERED FROM 86 FT TO 85 FT.
7. FAS DATA: LTP/FTP LAT/LONG CHANGED FROM 423438.9775N/0705527.5415W TO 423438.9795N/0705527.5390W - FTP MOVED 0.29 FT WITH NEW TARGETS SOFTWARE ASSESSMENT.
8. FAS DATA: FPAP LAT/LONG CHANGED FROM 423439.9705N/0705326.9510W TO 423439.9730N/0705326.9485W - RESULT OF FTP RELOCATION.
9. FAS DATA: CRC REMAINDER CHANGED FROM 62E39751 TO 845A267C - RESULT OF FAS DATA CHANGES LISTED ABOVE.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZBW, BOS APP, BVY ATCT, AMGR

FLIGHT CHECKED BY

JOHN KEARBY

Digitally signed by

CASIMIR L TABAKA

Dec 11, 2025

OFFICE

AJF

DATE

12/09/2025

DEVELOPED BY

RALPH DUMAR

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Dec 11, 2025

OFFICE

AJV-A422

DATE

09/19/2025

APPROVED BY

BEV L BORDY

Digitally signed by

CASIMIR L TABAKA

Dec 11, 2025

OFFICE

AJV-A420

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KBVY
RW09
0
0
W09A
423438.9795N
0705527.5390W
-00052
423439.9730N
0705326.9485W
00055.0
F
03.08
106.75
0000
40.0
00.0

CRC REMAINDER

845A267C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00218
+00218

