

**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 16	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> BEVERLY	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 107	<u>TDZE</u> 107	<u>SUPERSEDED</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 06/17/2021
<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>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 066/30 CW 247/30	NOPT	066/10 CW 247/10		3100
2. 066/10 CW 247/10		LADTI	IF/IAF	2000
3. 247/30 CW 337/30		NUVZA	IAF	2000
4. 337/30 CW 066/30		337/15 CW 066/15		3100
5. 337/15 CW 066/15		HAGET	IAF	2000

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>
HAGET	IAF	LADTI	NOPT	TF	FB	1.00	066.43	6.65	2000
NUVZA	IAF	LADTI	NOPT	TF	FB	1.00	246.59	6.65	2000
LADTI	IF/IAF	ZINDU		TF	FB	1.00	156.51	6.59	1800
ZINDU	FAF	RW16	MAP	TF	FO	0.30	156.58	5.19	
RW16	MAP	507 MSL		CA			156.58		
507 MSL		WAKBI		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: RW16

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 DIRECT WAKBI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
37
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD NW LADTI, RT, 156.51 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 6000.					
3.	FAC:	156.58	FAF:	ZINDU	DIST FAF TO MAP:	5.19
4.	MIN ALT:	LADTI 2000, ZINDU 1800				
5.	DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6.	MIN GP INCPT:	GP ALT AT FAF:			OM:	MM:
7.	GP ANGLE:	34:1:	IS NOT CLEAR	20:1:	IS NOT CLEAR	TCH:
8.	MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT A AND B.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV CAT C AND D TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 021.00 INBOUND.
FAS OBST: 368 AAO 423832N/0705948W.
ZINDU TO RW16: 3.00/40.

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
LNAV MDA	620	1	513	620	1	513	620	1 3/8	513	620	1 3/8	513			
CIRCLING	620	1	513	620	1	513	820	2	713	820	2 1/4	713			

CHANGES - REASONS

1. REMOVED LPV AND LNAV/VNAV FINAL SEGMENTS, LINES OF MINIMUMS AND LPV FAS DATA - VGS PENETRATIONS.

2. REMOVED VDP DATA - 20:1 PENETRATIONS EXIST AND PER 8260.3G PARA 2-6-5A(4).

3. CHANGED NOTE 'RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED' TO 'RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED' - 20:1 PENETRATIONS EXIST AND PER 8260.19K PARA. 8-6-12K(2).

4. REPLACED NOTE '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).

5. REMOVED NOTE 'FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C' - LNAV/VNAV FINAL AND MINIMUMS REMOVED.

6. PROFILE LINE 7: 20:1 CHANGED FROM 'IS CLEAR' TO 'IS NOT CLEAR' - 20:1 PENETRATIONS EXIST TO RWY 16.

7. REMOVED "CHART CIRCLING ICON" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED PER CRITERIA MEMORANDUM DATED 5/15/2025.

8. REDUCED LNAV CAT C/D VISIBILITY FROM 1 3/8 SM TO 1 1/4 SM - PER 8260.3G TABLE 3-3-1.

9. CHANGED NOTE 'INOPERATIVE TABLE DOES NOT APPLY' TO 'INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT A AND B' - LIGHT CREDIT NOT GIVEN DUE TO NON-STANDARD MALS 800 FT LENGTH.

10. ADDED NOTE 'FOR INOPERATIVE ALS INCREASE LNAV CAT C AND D TO 1 3/8 SM' - CAT C/D VISIBILITY REDUCTION.

11. ADDED 'ZINDU TO RW16: 3.00/40' TO ADDITIONAL FLIGHT DATA - REQUIRED FOR STRAIGHT-IN ALIGNED NON-PRECISION APPROACHES PER 8260.19K PARA. 8-6-11O(1).

12. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT WAKBI AND HOLD" TO "CLIMBING LEFT TURN TO 2000 DIRECT WAKBI AND HOLD" - CLIMB TO ALTITUDE 600 REMOVED DUE TO BEING BELOW MDA 620.
- QUALITY

37

CHECKED

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZBW, BOS APCH, BVY ATCT

FLIGHT CHECKED BY

JOHN KEARBY

Digitally signed by

CASIMIR L TABAKA

Dec 11, 2025

OFFICE

AJF

DATE

12/09/2025

DEVELOPED BY

RALPH DUMAR

Digitally signed by

CASIMIR L TABAKA

Dec 11, 2025

OFFICE

AJV-A422

DATE

APPROVED BY

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TITLE

MANAGER