

**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.

AIRPORT ID W40	PROCEDURE NAME RNAV (GPS) RWY 23	ORIGINAL/AMENDMENT ORIG-E	CITY MOUNT OLIVE	STATE NC
AIRPORT ELEVATION 167	TDZE 167	SUPERSEDED RNAV (GPS) RWY 23	DATED 08/10/2023	MAG VAR 9W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 22 JANUARY 2026	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2015
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ESTER	IAF	ZOVEM		TF	FB	1.00	211.50	6.25	2000
ZOVEM	IF	DALNN		TF	FB	1.00	229.40	7.42	1800
DALNN	FAF	ZOTIL/2.00 NM TO RW23		TF	FB	0.30	229.35	2.96	
ZOTIL/2.00 NM TO RW23		RW23	MAP	TF	FO	0.30	229.35	2.00	
RW23	MAP	700 MSL		CA			229.35		700
700 MSL		WIKOG		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT WIKOG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ZOVEM
- FAC: 229.35 FAF: DALNN DIST FAF TO MAP: 4.96 DIST FAF TO THLD: 4.96
- MIN ALT: ZOVEM 2000, DALNN 1800, ZOTIL/2.00 NM TO RW23 840
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 330 HAT: 0.87 GS ANT: IM:
- MIN GP INCPT: 1800 GP ALT AT PFAF: DALNN 1800 OM: MM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 53.0
- MSA FROM: RW23 2300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: VDP NA WHEN USING GSB ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ESTER ON V213 NORTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GSB ALTIMETER SETTING AND INCREASE LPV DA TO 524 FEET.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 0.99 NM TO RW23.
HOLD W, RT, 108.96 INBOUND.
CHART FAS OBST: 303 TOWER (37-155959) 351447N/0780134W.
WAAS CHANNEL # 90331
REFERENCE PATH ID: W23A
LTP HAE: 15.5 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	A			B			C			D			E		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	497	1	330	497	1	330	497	1	330		NA				
LNAV MDA	580	1	413	580	1	413	580	1 1/8	413		NA				
CIRCLING	700	1	533	700	1	533	720	1 1/2	553		NA				

CHANGES - REASONS

CHANGED LPV DA/HAT FROM 452/286 TO 497/330 - NEW CONTROLLING OBSTACLE.
ADDED CHART VDP AT 0.99 NM TO RW23 - 20:1 IS CLEAR, VDP NOW PUBLISHABLE.
ADDED CHART NOTE: VDP NA WHEN USING GSB ALTIMETER SETTING - 8260.19J PARA 8-6-10E9.
CHANGED LTP/FTP LONGITUDE COORDINATE FROM 0780200.5240W TO 0780200.5190W - NEW LTP CALCULATION.
CHANGED CRC REMAINDER FROM 25CF54AE TO 1F0AF282 - NEW FAS DATA CALCULATIONS.
CHANGED LNAV HAT FROM 414 TO 413 (ALL CATS) - NEW AIRPORT SURVEY.
CHANGED CIRCLING HAA (CATS A AND B) FROM 534 TO 533 AND CAT C FROM 554 TO 553 - NEW AIRPORT SURVEY.
CHANGED AIRPORT ELEVATION AND TDZE FROM 166/166 TO 167/167 - NEW AIRPORT SURVEY.
CHANGED FAS OBST FROM 299 TREE 351454N/0780050W TO 303 TOWER (37-155959) 351447N/0780134W - NEW FAS OBSTACLE.
ADDED ALTERNATE MINIMUMS NOTE "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE." - ALTERNATE MINIMUMS ESTABLISHED.
CHANGED FPAP COORDINATES FROM 351227.0700N/0780310.8600W TO 351227.0730N/0780310.8570W - NEW FPAP CALCULATION.
CHANGED LENGTH OFFSET FROM 1232 TO 1224 - NEW CALCULATION.



AIRPORT ID
W40

PROCEDURE NAME
RNAV (GPS) RWY 23

ORIGINAL/AMENDMENT
ORIG-E

CITY
MOUNT OLIVE

STATE
NC

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: GSB APP CON, ARPT MGR

FLIGHT CHECKED BY

CHRISTOPHER R VANDEVEER

Digitally signed by
CASIMIR L TABAKA
Oct 10, 2025

OFFICE

AJF

DATE

10/03/2025

DEVELOPED BY

ALLAN WILL (TIMOTHY DUNN)

Digitally signed by
CASIMIR L TABAKA
Oct 10, 2025

OFFICE

AJV-A33

DATE

07/03/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by
CASIMIR L TABAKA
Oct 10, 2025

OFFICE

AJV-A33

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	W40
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	351335.1310N
LTP/FTP LONGITUDE	0780200.5190W
LTP/FTP ELLIPSOIDAL HEIGHT	+00155
FPAP LATITUDE	351227.0730N
FPAP LONGITUDE	0780310.8570W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1F0AF282

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00507
FPAP ORTHOMETRIC HEIGHT	+00507

