

**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> HNZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> OXFORD	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 526	<u>TDZE</u> 523	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 9W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2015
		<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 150/30 CW 330/30	NOPT	VEKUC	IF/IAF	3000
2. 330/30 CW 060/30		TMAAC	IAF	3000
3. 060/30 CW 150/30		ZEPLA	IAF	3000

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>
TMAAC	IAF	VEKUC	NOPT	TF	FB	1.00	330.37	6.00	3000
ZEPLA	IAF	VEKUC	NOPT	TF	FB	1.00	150.27	6.00	3000
VEKUC	IF/IAF	OYISE		TF	FB	1.00	240.32	5.00	2500
OYISE	FAF	XOJZY/2.00 NM TO RW24		TF	FB	0.30	240.27	4.14	
XOJZY/2.00 NM TO RW24		RW24	MAP	TF	FO	0.30	240.27	2.00	
RW24	MAP	773 MSL		CA			240.27		
773 MSL		KOVPE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT KOVPE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NE VEKUC, RT, 240.32 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	240.27	FAF:	OYISE	DIST FAF TO MAP:	6.14	DIST FAF TO THLD:	6.14							
4.	MIN ALT:	VEKUC 3000, OYISE 2500, XOJZY/2.00 NM TO RW24 1180													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.71	GS ANT:				
6.	MIN GP INCPT:	2500	GP ALT AT PFAF:	OYISE 2500			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ROXBORO ALTIMETER SETTING.
CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO ALTIMETER SETTING AND INCREASE LPV DA TO 837 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 877 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD SW, RT, 060.05 INBOUND.
CHART FAS OBST: 632 TREE 362129N/0783055W.
CHART VDP AT 1.11 NM TO RW24.
WAAS CHANNEL # 63009
REFERENCE PATH ID: W24A
LTP HAE: 121.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LPV DA	773	3/4	250	773	3/4	250	773	3/4	250	773	3/4	250			
LNAV/VNAV DA	813	7/8	290	813	7/8	290	813	7/8	290	813	7/8	290			
LNAV MDA	900	1	377	900	1	377	900	1	377	900	1	377			
CIRCLING	960	1	434	980	1	454	1100	1 1/2	574	1280	2 1/2	754			



CHANGES - REASONS

1. PROFILE LINE 5 250 HAT: 0.66 CHANGED TO 0.71.- UPDATED EVALUATION.
2. PROFILE LINE 7 ADDED 20:1 IS CLEAR.- FIELD WAS NOT POPULATED IN PREVIOUS AMDT.
3. CHART VDP AT 0.90 NM TO RW24 CHANGED TO 1.11 NM.- UPDATED DATA AND EVALUATION.
4. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F) TO -16°C OR ABOVE 54°C.- UPDATED WORDING, 8260.19I.
5. DELETED PROFILE NOTE *LNAV ONLY.- NO LONGER REQUIRED PER 8260.19I, 1-1-5.F(12).
6. DELETED ASTERISK FROM PROFILE LINE 4 AND VDP NOTE.- NO LONGER REQUIRED PER 8260.19I, 1-1-5.F(12).
7. DELETED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).- UPDATED AIRNAV VGSI DATA.
8. DELETED CHART NOTE: DME/DME RNP.0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH-GPS.- 8260.19I.
9. FAS DATA CHANGES: LTP/FTP LAT/LONG CHANGED FROM 362157.1470N/0783121.1720W TO 362157.1465N/0783121.1710W; FPAP LAT/LONG CHANGED FROM 36211.2500N/0783247.1400W TO 362101.2365N/0783247.1370W.- UPDATED DATA AND EVALUATION.
10. CRC REMAINDER CHANGED FROM 89A364AC TO 35C6A121.- UPDATED LTP/FTP AND FPAP LAT/ LONGS.
11. VISIBILITY: LPV ALL CATS CHANGED FROM 7/8 TO 3/4, AND LNAV/VNAV CHANGED FROM 1 TO 7/8.- 8260.3E TABLE 3-3-6.
12. CHART NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO ALTIMETER SETTING AND INCREASE ALL DA 64 FEET, AND ALL MDA 80 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE, AND LNAV CATS C AND D 3/8 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO ALTIMETER SETTING AND INCREASE LPV DA TO 837 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 877 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM."- UPDATED EVALUATION AND 8260.19I FORMAT.
13. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED CHANGED TO RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.- UPDATED 8260.19I FORMAT.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER:

DC, RDU APP CON, HNZ AMGR

FLIGHT CHECKED BY

WILLIAM YINGLING

Digitally signed by

DAVID DANNER

Aug 08, 2024

OFFICE

FIOG

DATE

08/01/2024

DEVELOPED BY

TIA FERONTI

Digitally signed by

TIA L FERONTI

Aug 06, 2024

OFFICE

AJV-A421

DATE

12/04/2023

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Aug 08, 2024

OFFICE

AJV-A421

DATE

TITLE
MANAGER



AIRPORT ID
HNZ

PROCEDURE NAME
RNAV (GPS) RWY 24

ORIGINAL/AMENDMENT
1A

CITY
OXFORD

STATE
NC

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHNZ
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	362157.1465N
LTP/FTP LONGITUDE	0783121.1710W
LTP/FTP ELLIPSOIDAL HEIGHT	+01219
FPAP LATITUDE	362101.2365N
FPAP LONGITUDE	0783247.1370W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	35C6A121
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01540
FPAP ORTHOMETRIC HEIGHT	+01540

QUALITY
6
CHECKED