

**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</u> RALEIGH RGNL AT PERSON COUNTY	<u>AIRPORT ID</u> KTDF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> ROXBORO	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 609	<u>TDZE</u> 609	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 8W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 150/30 CW 330/30	NOPT	TACUV	IF/IAF	3000
2. 330/30 CW 060/30		VIKUC	IAF	3000
3. 060/30 CW 150/30		UCORE	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VIKUC	IAF	TACUV	NOPT	TF	FB	1.00	330.26	5.00	3000
UCORE	IAF	TACUV	NOPT	TF	FB	1.00	150.18	5.00	3000
TACUV	IF/IAF	JTOB		TF	FB	1.00	240.22	6.10	2300
JTOB	FAF	RW24	MAP	TF	FO	0.30	240.16	5.13	
RW24	MAP	920 MSL		CA			240.16		
920 MSL		LORSY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT LORSY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NE TACUV, RT, 240.22 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 240.16 FAF: JTOB DIST FAF TO MAP: 5.13 DIST FAF TO THLD: 5.13

4. MIN ALT: TACUV 3000, JTOB 2300

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 311 HAT: 0.87 GS ANT: MM: IM:

6. MIN GP INCPT: 2300 GP ALT AT FAF : JTOB 2300 OM:

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

NOTES:

CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.24 NM TO RW24*
*LNAV ONLY
WAAS CHANNEL #50510
REFERENCE PATH ID: W24A
CHART FAS OBST: 779 TREE 362011N/0785442W.
HOLD SW, RT, 060.00 INBOUND
LTP HAE: 153.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	920	1	311	920	1	311	920	1	311	920	1	311			
LNAV/VNAV DA	997	1 1/2	388	997	1 1/2	388	997	1 1/2	388	997	1 1/2	388			
LNAV MDA	1040	1	431	1040	1	431	1040	1 1/4	431	1040	1 1/2	431			
CIRCLING	1080	1	471	1080	1	471	1080	1 1/2	471	1160	2	551			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTDF
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	361722.8055N
LTP/FTP LONGITUDE	0785835.7095W
LTP/FTP ELLIPSOIDAL HEIGHT	+01533
FPAP LATITUDE	361628.0000N
FPAP LONGITUDE	0790002.6700W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A8B63CDD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01842
FPAP ORTHOMETRIC HEIGHT	+01842

