

**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> BUY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> BURLINGTON	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 616	<u>TDZE</u> 597	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/21/2014
<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> 8W
				<u>EPOCH YEAR</u> 2000
				<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	DALSY	IF/IAF	4000
2. 330/30 CW 150/30		DALSY	IF/IAF	4000

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>
DALSY	IF/IAF	IBODY		TF	FB	1.00	240.25	6.85	3000
IBODY	FAF	ZETOG/3.00 NM TO RW24		TF	FB	0.30	240.19	4.15	
ZETOG/3.00 NM TO RW24		RW24	MAP	TF	FO	0.30	240.19	3.00	
RW24	MAP	987 MSL		CA			240.19		
987 MSL		KAKLE		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT KAKLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
13
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NE DALSY, RT, 240.25 INBOUND, 4000 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	240.19	FAF:	IBODY	DIST FAF TO MAP:	7.15	DIST FAF TO THLD:	7.15							
4.	MIN ALT:	DALSY 4000, IBODY 3000, ZETOG/3.00 NM TO RW24 1600													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		390 HAT:	1.03	GS ANT:				
6.	MIN GP INCPT:	3000	GP ALT AT PFAF:	IBODY 3000					OM:		MM:			IM:	
7.	GP ANGLE:	3.10	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	60.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GSO ALTIMETER SETTING.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GSO ALTIMETER SETTING AND INCREASE LPV DA TO 1084 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1157 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 059.98 INBOUND.
CHART FAS OBST: 784 ANTENNA (37-058270) 360340N/0792648W.
CHART VDP AT 1.30 NM TO RW24.
WAAS CHANNEL # 48836
REFERENCE PATH ID: W24A
LTP HAE: 148.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1000-3, 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	987	1 1/4	390	987	1 1/4	390	987	1 1/4	390	987	1 1/4	390			
LNAV/VNAV DA	1060	1 3/8	463	1060	1 3/8	463	1060	1 3/8	463	1060	1 3/8	463			
LNAV MDA	1060	1	463	1060	1	463	1060	1 3/8	463	1060	1 3/8	463			
CIRCLING	1100	1	484	1100	1	484	1520	2 3/4	904	1520	3	904			



CHANGES - REASONS

1. TERMINAL ROUTES: AMENDED MISSED APPROACH CA LEG ALTITUDE FROM "977" TO "978." - IAW 8260.58C 3-5-2B.
2. MISSED APPROACH INSTRUCTIONS: AMENDED FROM "CLIMB TO 4000 DIRECT KAKLE AND HOLD" TO "CLIMB TO 4000 DIRECT KAKLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000." - IAW 8260.3G 16-7.
3. PROFILE: LINE 4, REMOVED ASTERISK FROM "ZETOG/3.00 NM TO RW24 1600*." - NO LONGER REQUIRED.
4. PROFILE: LINE 5, AMENDED FROM "390 HAT: 0.99NM" TO "390 HAT: 1.03." AND RELOCATED FROM ADDITIONAL FLIGHT DATA TO PROFILE LINE 5. - IAW 8260.19J 8-6-7E AND DUE TO NEW PROCEDURE EVALUATION.
5. PROFILE: LINE 7, ADDED "20:1 IS CLEAR" AND AMENDED TCH FROM "60.4" TO "60". - ADDITION IAW 8260.19J 8-6-7F AND TCH AMENDED DUE TO UPDATED LTP LAT/LONG.
6. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS." AND REMOVED "DME/DME RNP-0.3 NA" FROM NOTES SECTION - IAW 8260.19J 8-6-8.
7. NOTES: REMOVED "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 59)." - VGSI AND RNAV GLIDEPATH ARE COINCIDENT.
8. NOTES: AMENDED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C (11°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C." - DUE TO UPDATED HISTORICAL TEMPERATURE DATA, IAW 8260.19J 8-7-1C(10).
9. NOTES: AMENDED NOTE "BARO-VNAV AND VDP NA WHEN USING GREENSBORO ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING GSO ALTIMETER SETTING." - IAW 8260.19J 8-6-10.
10. NOTES: AMENDED ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENSBORO ALTIMETER SETTING AND INCREASE ALL DA 97 FEET AND ALL MDA 100 FEET. INCREASE LPV, LNAV/VNAV, LNAV CATS C/D AND CIRCLING CAT C VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GSO ALTIMETER SETTING AND INCREASE LPV DA TO 1084 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1157 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM." - DUE TO NEW EVALUATION AND INCREASED LNAV/VNAV MINIMUMS FOR NEW CONTROLLING OBSTACLE.
11. ADDITIONAL FLIGHT DATA: REMOVED "CHART: 340 STACK 380503N/0792513W" - NO LONGER REQUIRED.
12. ADDITIONAL FLIGHT DATA: AMENDED "CHART FAS OBST: 784 COMM TWR 380351 N/0792751W" TO "CHART FAS OBST: 784 ANTENNA (37-058270) 360340N/0792648W." - DUE TO UPDATED OBSTACLE EVALUATION.
13. MINIMUMS: AMENDED LNAV/VNAV FROM "DA 1056 AND HAT 459" TO "DA 1060 AND HAT 463." AND VIS FROM 1 1/2 TO 1 3/8- DUE TO NEW CONTROLLING OBSTACLE AND TO CLEAR NOTAM FDC 3/0004.
14. FAS DATA BLOCK: CRC REMAINDER ADJUSTED FROM "1F964551" TO "63003B15." - DUE TO AMENDED LTP/FTP LAT/LONGS FROM "360318.4685N/0792752.0545W" TO "360318.4675N/0792752.0440W", AMENDED FPAF LAT/LONGS FROM "360223.6700N/0792918.7700W" TO "360223.6730N/0792918.7605W," AND AMENDED TCH FROM "60.4" TO "60.0".

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZDC, GSO APP CON, AMGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by
CASEY D HILL
Sep 04, 2025

OFFICE

AJF

DATE

09/03/2025

DEVELOPED BY

CORY SLANE

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AJV-A4

DATE

06/02/2025

APPROVED BY

ROBERT G HAMILTON

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CASEY D HILL
Sep 04, 2025

OFFICE

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DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBUY
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	360318.4675N
LTP/FTP LONGITUDE	0792752.0440W
LTP/FTP ELLIPSOIDAL HEIGHT	+01487
FPAP LATITUDE	360223.6730N
FPAP LONGITUDE	0792918.7605W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0800
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	63003B15

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01788
FPAP ORTHOMETRIC HEIGHT	+01788

