

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33										Bearings, headings, courses, 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 in feet RVR.						
TERMINAL ROUTES														MISSED APPROACH									
FROM				TO			COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW24  CLIMB TO 2000 DIRECT WADED AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SW, RT, 054.53 INBOUND. CHART FAS OBST: 210 WATER TWR 341730N/0784201W CHART 402 TOWER 342052N/0783810W. DISTANCE TO THLD FROM 288 HAT: 0.83 NM. CHART VDP AT 1.01 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 86638 REFERENCE PATH ID: W24A CHART CIRCLING ICON. LTP HAE: -13.7 M										
DOWSE (IF/IAF)				BOGDE (FB)			234.75 / 8.00				1800												
BOGDE (FAF)				WIPOL/2.40 NM TO RW24 (FB)			234.68 / 2.90																
WIPOL/2.40 NM TO RW24				RW24 (MAP) (FO)			234.68 / 2.40																
RW24 (MAP)				374 MSL			234.68				2000												
374 MSL				WADED (FO)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 7W EPOCH YEAR: 1985									
2. HOLD NE DOWSE, RT, 234.75 INBOUND, 2000 FT. IN LIEU OF PT (IAF)																							
3. FAC: 234.68 FAF: BOGDE DIST FAF TO MAP: 5.30 THLD: 5.30																							
4. MIN. ALT: DOWSE 2000, BOGDE 1800, WIPOL/2.40 NM TO RW24 860*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 1800 GS ALT AT: BOGDE 1800 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR																							
8. MSA FROM: _____																							
MINIMUMS																							
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			STANDARD @													
CATEGORY =====>		A			B			C			D			E									
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA								
LPV DA	374	1	288	374	1	288	374	1	288	374	1	288											
LNAV/VNAV DA	388	1 1/8	302	388	1 1/8	302	388	1 1/8	302	388	1 1/8	302											
LNAV MDA	460	1	374	460	1	374	460	1	374	460	1	374											
CIRCLING	520	1	421	560	1	461	680	1 1/2	581	780	2 1/4	681											
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ELIZABETHTOWN ALTIMETER SETTING. @ CAT D 800-2 1/4 CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. (CONTINUED ON PAGE 2)																							
CITY AND STATE WHITEVILLE, NC				ELEVATION: 99 TDZE: 86 AIRPORT NAME: COLUMBUS COUNTY MUNI			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 26 MAY 2016					SUP: AMDT: NONE DATED									

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETHTOWN ALTIMETER SETTING AND

INCREASE LPV DA TO 427 FEET, LNAV/VNAV DA TO 441 FEET AND ALL VISIBILITIES 1/4 MILE. INCREASE ALL

MDA 60 FEET AND ALL CAT C AND D VISIBILITIES 1/4 MILE.

TAA

	FROM	TO	ALT
1.	145/30 CW 325/30 (NOPT)	145/12 CW 325/12	3100
	145/12 CW 325/12	DOWSE (IF/IAF) (FB)	2000
2.	325/30 CW 145/30	325/12 CW 145/12	3100
	325/12 CW 145/12	DOWSE (IF/IAF) (FO)	2000

CITY AND STATE

WHITEVILLE, NC

ELEVATION: 99

TDZE: 86

AIRPORT NAME:

COLUMBUS COUNTY MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

26 MAY 2016

SUP:

AMDT:

DATED:

QUALITY  
4  
NONE  
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCPC
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	341640.6575N
LTP/FTP LONGITUDE	0784229.7395W
LTP/FTP ELLIPSOIDAL HEIGHT	-00137
FPAP LATITUDE	341540.5125N
FPAP LONGITUDE	0784349.1735W
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
 <u>CRC REMAINDER</u>	 B6363FDB

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00210
FPAP ORTHOMETRIC HEIGHT	+00210

CITY AND STATE

WHITEVILLE, NC

ELEVATION: 99

TDZE: 86

AIRPORT NAME:

COLUMBUS COUNTY MUNI

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

26 MAY 2016

SUP:

AMDT:

DATED:

QUALITY  
4  
NONE  
CHECKED

<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33</b>											Bearings, headings, courses, 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 in feet RVR.																																																																																																																																																											
<div style="margin-bottom: 10px;">ARINC SUMMARY - KCPC</div> <div style="margin-bottom: 10px;">ROUTES</div> <table style="width:100%; border-collapse: collapse; font-family: monospace; font-size: small;"> <thead> <tr> <th style="text-align: left;">TRANSITION</th> <th style="text-align: left;">WPT SEQ</th> <th style="text-align: left;">WPT NAME</th> <th style="text-align: left;">LEG TYPE</th> <th style="text-align: left;">FB/FO</th> <th style="text-align: left;">RNP</th> <th style="text-align: left;">MAG CRS</th> <th style="text-align: left;">REC NAV</th> <th style="text-align: left;">ANGLE</th> <th style="text-align: left;">TURN DIR</th> <th style="text-align: left;">CENTER FIX</th> <th style="text-align: left;">TURN RADIUS</th> <th style="text-align: left;">ALTITUDE DESCRIPTION &amp; VALUE</th> <th style="text-align: left;">SPEED LIMIT DESCRIPTION &amp; VALUE</th> <th style="text-align: left;">WPT DESCRIPTION CODE</th> </tr> </thead> <tbody> <tr> <td rowspan="8">DOWSE</td> <td>010</td> <td>DOWSE</td> <td>HF</td> <td>FO</td> <td></td> <td>234.8</td> <td></td> <td></td> <td>R</td> <td></td> <td></td> <td>AA 02000</td> <td></td> <td>EE A</td> </tr> <tr> <td>010</td> <td>DOWSE</td> <td>IF</td> <td>FB</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AA 02000</td> <td></td> <td>E I</td> </tr> <tr> <td>020</td> <td>BOGDE</td> <td>TF</td> <td>FB</td> <td>1.0</td> <td>234.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AA 01800</td> <td></td> <td>E F</td> </tr> <tr> <td>021</td> <td>WIPOL</td> <td>TF</td> <td>FB</td> <td>0.3</td> <td>234.7</td> <td></td> <td>3.00</td> <td></td> <td></td> <td></td> <td>AA 00860 GS 00874</td> <td></td> <td>E S</td> </tr> <tr> <td>030</td> <td>RW24</td> <td>TF</td> <td>FO</td> <td>0.3</td> <td>234.7</td> <td></td> <td>3.00</td> <td></td> <td></td> <td></td> <td>AT 00109</td> <td></td> <td>GY M</td> </tr> <tr> <td>040</td> <td></td> <td>CA</td> <td>FB</td> <td></td> <td>234.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AA 00374</td> <td></td> <td>M</td> </tr> <tr> <td>050</td> <td>WADED</td> <td>DF</td> <td>FO</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AA 02000</td> <td></td> <td>EY</td> </tr> <tr> <td>060</td> <td>WADED</td> <td>HM</td> <td>FO</td> <td></td> <td>054.5</td> <td></td> <td></td> <td>R</td> <td></td> <td></td> <td>AA 02000</td> <td></td> <td>EE</td> </tr> </tbody> </table> <div style="margin-bottom: 10px;">POINTS</div> <table style="width:100%; border-collapse: collapse; font-family: monospace; font-size: small;"> <thead> <tr> <th style="text-align: left;">POINT NAME</th> <th style="text-align: left;">LATITUDE</th> <th style="text-align: left;">LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>BOGDE</td> <td>N342015.31</td> <td>W0783745.84</td> </tr> <tr> <td>DOWSE</td> <td>N342538.79</td> <td>W0783036.77</td> </tr> <tr> <td>WADED</td> <td>N340803.55</td> <td>W0785350.99</td> </tr> <tr> <td>WIPOL</td> <td>N341817.83</td> <td>W0784021.29</td> </tr> </tbody> </table> <div style="margin-bottom: 10px;">RUNWAYS</div> <table style="width:100%; border-collapse: collapse; font-family: monospace; font-size: small;"> <thead> <tr> <th style="text-align: left;">RUNWAY</th> <th style="text-align: left;">THRESHOLD LATITUDE</th> <th style="text-align: left;">THRESHOLD LONGITUDE</th> <th style="text-align: left;">THRESHOLD ELEVATION</th> <th style="text-align: left;">PROCEDURE TCH</th> </tr> </thead> <tbody> <tr> <td>RW24</td> <td>N341640.66</td> <td>W0784229.74</td> <td>00069</td> <td>40</td> </tr> </tbody> </table>														TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE	DOWSE	010	DOWSE	HF	FO		234.8			R			AA 02000		EE A	010	DOWSE	IF	FB								AA 02000		E I	020	BOGDE	TF	FB	1.0	234.8						AA 01800		E F	021	WIPOL	TF	FB	0.3	234.7		3.00				AA 00860 GS 00874		E S	030	RW24	TF	FO	0.3	234.7		3.00				AT 00109		GY M	040		CA	FB		234.7						AA 00374		M	050	WADED	DF	FO								AA 02000		EY	060	WADED	HM	FO		054.5			R			AA 02000		EE	POINT NAME	LATITUDE	LONGITUDE	BOGDE	N342015.31	W0783745.84	DOWSE	N342538.79	W0783036.77	WADED	N340803.55	W0785350.99	WIPOL	N341817.83	W0784021.29	RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH	RW24	N341640.66	W0784229.74	00069	40
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE																																																																																																																																																								
DOWSE	010	DOWSE	HF	FO		234.8			R			AA 02000		EE A																																																																																																																																																								
	010	DOWSE	IF	FB								AA 02000		E I																																																																																																																																																								
	020	BOGDE	TF	FB	1.0	234.8						AA 01800		E F																																																																																																																																																								
	021	WIPOL	TF	FB	0.3	234.7		3.00				AA 00860 GS 00874		E S																																																																																																																																																								
	030	RW24	TF	FO	0.3	234.7		3.00				AT 00109		GY M																																																																																																																																																								
	040		CA	FB		234.7						AA 00374		M																																																																																																																																																								
	050	WADED	DF	FO								AA 02000		EY																																																																																																																																																								
	060	WADED	HM	FO		054.5			R			AA 02000		EE																																																																																																																																																								
POINT NAME	LATITUDE	LONGITUDE																																																																																																																																																																				
BOGDE	N342015.31	W0783745.84																																																																																																																																																																				
DOWSE	N342538.79	W0783036.77																																																																																																																																																																				
WADED	N340803.55	W0785350.99																																																																																																																																																																				
WIPOL	N341817.83	W0784021.29																																																																																																																																																																				
RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH																																																																																																																																																																		
RW24	N341640.66	W0784229.74	00069	40																																																																																																																																																																		
CITY AND STATE <b>WHITEVILLE, NC</b>		ELEVATION: <b>99</b> <b>TDZE: 86</b> AIRPORT NAME: <b>COLUMBUS COUNTY MUNI</b>		FACILITY IDENTIFIER: <b>RNAV</b>		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 24, ORIG</b> 26 MAY 2016		SUP: <span style="color: green; font-weight: bold;">QUALITY</span> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">4</div> AMDT: <span style="color: green; font-weight: bold;">NONE</span> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">CHECKED</div> DATED:																																																																																																																																																														