

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: RW23									
COINT			UXPIG (TF) (FB) (RNP 2.00)			288.49 / 12.67			2400			CLIMB TO 2300 DIRECT EDURE AND HOLD.									
WIDER			BEFTY (TF) (FB) (RNP 2.00)			101.86 / 12.07			2400												
BEFTY (IAF)			NOTBE (TF) (FB) (RNP 1.00)			141.71 / 5.67			2400												
UXPIG (IAF)			NOTBE (TF) (FB) (RNP 1.00)			321.79 / 5.00			2400												
NOTBE (IF)			ZENSY (TF) (FB) (RNP 1.00)			231.75 / 6.31			1800			ADDITIONAL FLIGHT DATA: HOLD SW, RT, 051.55 INBOUND. CHART FAS OBST: 417 TANK 335812N/0810525W. CHART 520 TOWER 335919N/0810136W. CHART R-6001 A & B. DISTANCE TO THLD FROM 290 HAT: 0.75 NM. CHART VDP AT 1.31 NM TO RW23* *LNAV ONLY. WAAS CHANNEL # 40026 REFERENCE PATH ID: W23A LTP HAE: 32.7 M									
(SEE FORM 8260-10)																					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																					
2. PROFILE STARTS AT NOTBE																					
3. FAC: 231.70 FAF: ZENSY DIST FAF TO MAP: 4.76 THLD: 4.76																					
4. MIN. ALT: NOTBE 2400, ZENSY 1800, HOMOL/2.00 NM TO RW23 900*																					
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																					
6. MIN GS INCPT: 1800 GS ALT AT: ZENSY 1800 OM: _____ MM: _____ IM: _____																					
7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS NOT CLEAR																					
8. MSA FROM: RW23 3100																					
MAG VAR: 7W EPOCH YEAR: 2020																					
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	503	5000	290	503	5000	290	503	5000	290	503	5000	290									
LNAV/VNAV DA	699	1 3/4	486	699	1 3/4	486	699	1 3/4	486	699	1 3/4	486									
LNAV MDA	680	5000	467	680	5000	467	680	6000	467	680	1 1/2	467									
CIRCLING	740	1	504	740	1	504	840	1 3/4	604	880	2	644									
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. (CONTINUED ON PAGE 2)																					
CITY AND STATE COLUMBIA, SC				ELEVATION: 236 TDZE: 213 AIRPORT NAME: COLUMBIA METROPOLITAN				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 2B 7 DECEMBER 2017				SUP: AMDT: 2A DATED 09/14/2017							



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

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
ZENSY (FAF)	HOMOL/2.00 NM TO RW23 (TF) (FB) (RNP 0.30)	231.70 / 2.76	
HOMOL/2.00 NM TO RW23	RW23 (MAP) (TF) (FO) (RNP 0.30)	231.70 / 2.00	
RW23 (MAP)	503 MSL (CA)		
503 MSL	EDURE (DF) (FO) (RNP 1.00)		2300

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIDER ON V155 SOUTHWEST BOUND AND V53 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COINT ON V56 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEFTY ON V37 NORTHBOUND.

QUALITY
20
CHECKED

CITY AND STATE COLUMBIA, SC	ELEVATION: 236 AIRPORT NAME: COLUMBIA METROPOLITAN	TDZE: 213 COLUMBIA METROPOLITAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 2B 7 DECEMBER 2017	SUP:
					AMDT: 2A
					DATED: 09/14/2017

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCAE
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	335631.9495N
LTP/FTP LONGITUDE	0810627.8835W
LTP/FTP ELLIPSOIDAL HEIGHT	+00327
FPAP LATITUDE	335528.4500N
FPAP LONGITUDE	0810743.1400W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

1EECB384

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00638
FPAP ORTHOMETRIC HEIGHT	+00638

QUALITY
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