

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: RW11 CLIMB TO 3000 DIRECT FABAG AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 112.00 INBOUND. CHART FAS OBST: 563 ROD ON MCWV TWR 335805N/0811022W CHART 670 TOWER 335718N/0811448W. CHART 590 TOWER 335800N/0811047W. CHART ASR. CHART R-6001 A & B. DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.42 NM TO RW11* *LNAV ONLY. WAAS CHANNEL # 61014 REFERENCE PATH ID: W11A LTP HAE: 38.7 M					
WIDER		DITME (TF) (FB) (RNP 2.00)			230.09 / 6.61				3000							
SAMMI		CAGUP (TF) (FB) (RNP 2.00)			060.45 / 14.32				3000							
LEDAS (IAF)		BAPNE (TF) (FB) (RNP 1.00)			111.62 / 8.49				2500							
CAGUP (IAF)		BAPNE (TF) (FB) (RNP 1.00)			036.63 / 5.00				2500							
DITME (IAF)		BAPNE (TF) (FB) (RNP 1.00)			187.00 / 5.00				2500							
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT BAPNE 3. FAC: 111.60 FAF: AGUVE DIST FAF TO MAP: 5.60 THLD: 5.60 4. MIN. ALT: BAPNE 2500, AGUVE 2100, BEHRN/2.00 NM TO RW11 920* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2100 GS ALT AT: AGUVE 2100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 59.0 34:1 IS CLEAR 8. MSA FROM: RW11 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	436	1800	200	436	1800	200	436	1800	200	436	1800	200				
LNAV/VNAV DA	744	6000	508	744	6000	508	744	6000	508	744	6000	508				
LNAV MDA	740	2400	504	740	2400	504	740	5000	504	740	5000	504				
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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIDER ON V53 NORTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAMI ON V56 WESTBOUND. (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 236 TDZE: 236			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:				
COLUMBIA, SC		AIRPORT NAME:			COLUMBIA METROPOLITAN		RNAV (GPS) RWY 11, AMDT 1B					AMDT: 1A				
							14 SEPTEMBER 2017					DATED 08/17/2017				



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.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BAPNE (IF)	AGUVE (TF) (FB) (RNP 1.00)	111.53 / 6.10	2100
AGUVE (FAF)	BEHRN/2.00 NM TO RW11 (TF) (FB) (RNP 0.30)	111.60 / 3.60	
BEHRN	RW11 (MAP) (TF) (FO) (RNP 0.30)	111.60 / 2.00	
RW11 (MAP)	436 MSL (CA)		
436 MSL	FABAG (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEDAS ON V311 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAMMI VIA V56 WESTBOUND, AND ARRIVALS AT LEDAS VIA V311 NORTHWEST BOUND AND AT WIDER VIA V53 NORTHWEST BOUND.

QUALITY
18
CHECKED

CITY AND STATE

COLUMBIA, SC

ELEVATION: 236

TDZE: 236

AIRPORT NAME:

COLUMBIA METROPOLITAN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 11, AMDT 1B

14 SEPTEMBER 2017

SUP:

AMDT: 1A

DATED: 08/17/2017

**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	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	335638.9315N
LTP/FTP LONGITUDE	0810815.9130W
LTP/FTP ELLIPSOIDAL HEIGHT	+00387
FPAP LATITUDE	335616.7600N
FPAP LONGITUDE	0810634.2700W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

5489CE0E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00697
FPAP ORTHOMETRIC HEIGHT	+00697

QUALITY
18
CHECKED

CITY AND STATE COLUMBIA, SC	ELEVATION: 236 AIRPORT NAME: COLUMBIA METROPOLITAN	TDZE: 236 COLUMBIA METROPOLITAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1B 14 SEPTEMBER 2017	SUP:
					AMDT: 1A
					DATED: 08/17/2017