

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						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 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 SAMMI ON V56 WESTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEDAS ON V311 NORTHWEST BOUND.																					
CITY AND STATE				ELEVATION: 236 TDZE: 236				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
COLUMBIA, SC				AIRPORT NAME:								RNAV (GPS) RWY 11, AMDT 1C				AMDT: 1B					
				COLUMBIA METROPOLITAN								7 DECEMBER 2017				DATED 09/14/2017					



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, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
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

QUALITY
4
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 1C
 7 DECEMBER 2017

SUP:
 AMDT: 1B
 DATED: 09/14/2017

**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**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	335616.3300N
FPAP LONGITUDE	0810632.3000W
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	0128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

C7448642

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY
4
CHECKED

CITY AND STATE COLUMBIA, SC	ELEVATION: 236 AIRPORT NAME: COLUMBIA METROPOLITAN	TDZE: 236 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1C 7 DECEMBER 2017	SUP:
				AMDT: 1B
				DATED: 09/14/2017