

**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	
ADCOM (IAF)	FABAG (TF) (FB) (RNP 1.00)	014.02 / 9.58	2500	LPV: DA LNAV/VNAV: DA LNAV: RW29
COINT (IAF)	FABAG (TF) (FB) (RNP 1.00)	256.89 / 14.14	2500	
FABAG (IF)	ENUGE (TF) (FB) (RNP 1.00)	291.79 / 6.25	1800	CLIMB TO 3000 DIRECT BAPNE AND HOLD.
ENUGE (FAF)	RW29 (MAP) (TF) (FO) (RNP 0.30)	291.72 / 4.75		
RW29 (MAP)	427 MSL (CA)			ADDITIONAL FLIGHT DATA: HOLD E, RT, 292.00 INBOUND. CHART FAS OBST: 458 TANK 335523N/0810428W. CHART R-6001 A & B. DISTANCE TO THLD FROM 200 HAT: 0.50 NM. CHART VDP AT 1.42 NM TO RW29* *LNAV ONLY. WAAS CHANNEL # 53414 REFERENCE PATH ID: W29A LTP HAE: 32.9 M
427 MSL	BAPNE (DF) (FO) (RNP 1.00)		3000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT FABAG
3. FAC: 291.72 FAF: ENUGE DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: FABAG 2500, ENUGE 1800
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 1800 GS ALT AT: ENUGE 1800 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 58.0 34:1 IS CLEAR
8. MSA FROM: RW29 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	427	2400	200	427	2400	200	427	2400	200	427	2400	200			
LNAV/VNAV DA	544	2400	317	544	2400	317	544	2400	317	544	4000	317			
LNAV MDA	720	2400	493	720	2400	493	720	4000	493	720	5000	493			
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 ADCOM ON V53 SOUTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COINT ON V56 EASTBOUND.
 CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.



CITY AND STATE COLUMBIA, SC	ELEVATION: 236 TDZE: 227 AIRPORT NAME: COLUMBIA METROPOLITAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, 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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCAE
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	335617.3945N
LTP/FTP LONGITUDE	0810637.1555W
LTP/FTP ELLIPSOIDAL HEIGHT	+00329
FPAP LATITUDE	335639.9800N
FPAP LONGITUDE	0810820.7700W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
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 F5A5835A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00640
FPAP ORTHOMETRIC HEIGHT	+00640



CITY AND STATE COLUMBIA, SC	ELEVATION: 236	TDZE: 227	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, AMDT 1C 7 DECEMBER 2017	SUP:
	AIRPORT NAME: COLUMBIA METROPOLITAN				AMDT: 1B
					DATED: 09/14/2017