

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
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.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
ADCOM (IAF)	FABAG (FB)	012.02 / 9.58	2500	LPV: DA LNAV/VNAV: DA LNAV: RW29  CLIMB TO 3000 DIRECT BAPNE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD E, RT, 290.00 INBOUND. CHART FAS OBST: 285 TREE 335623N/0810616W CHART FAS OBST: 458 TANK 335523N/0810428W CHART ASR CHART R-6001 A & B. DISTANCE TO THLD FROM 200 HAT: 0.50 NM. CHART VDP AT 1.42 MILES TO RW29* *LNAV ONLY. WAAS CHANNEL # 53414 REFERENCE PATH ID: W29A											
COINT (IAF)	FABAG (FB)	254.89 / 14.14	2500												
FABAG (IF)	ENUGE (FB)	289.79 / 6.25	1800												
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT FABAG 3. FAC: <u>289.72</u> FAF: <u>ENUGE</u> DIST FAF TO MAP: <u>4.75</u> THLD: <u>4.75</u> 4. MIN. ALT: <u>FABAG 2500, ENUGE 1800</u> 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>ENUGE</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>58.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW29 3100</u>				MAG VAR: <u>5W</u> EPOCH YEAR: <u>1985</u>											
MINIMUMS															
TAKEOFF:	STANDARD	X	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 INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO RVR 5000. 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 COINT VIA V56 EAST BOUND AND ARRIVALS AT ADCOM VIA V53 SOUTHEAST BOUND.															
CITY AND STATE		ELEVATION: 236 TDZE: 227		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
COLUMBIA, SC		AIRPORT NAME: COLUMBIA METROPOLITAN				RNAV (GPS) RWY 29, AMDT 1				AMDT: ORIG					
						27 AUG 2009				DATED 12/27/2001					

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

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	335617.3940N
LTP/FTP LONGITUDE	0810637.1555W
LTP/FTP ELLIPSOIDAL HEIGHT	+00329
FPAP LATITUDE	335640.8300N
FPAP LONGITUDE	0810824.6600W
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	0232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

F4F8B35D

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 AIRPORT NAME: COLUMBIA METROPOLITAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, AMDT 1 27 AUG 2009	SUP:
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KCAEK7FR29	AADCOM	010ADCOMK7EA0E	A	IF					18000		A	JS	
SUSAP	KCAEK7FR29	AADCOM	020FABAGK7EA0EE		010TF		01200096	+	02500			A	JS	
SUSAP	KCAEK7FR29	ACOINT	010COINTK7EA0E	A	IF					18000		A	JS	
SUSAP	KCAEK7FR29	ACOINT	020FABAGK7EA0EE		010TF		25490141	+	02500			A	JS	
SUSAP	KCAEK7FR29	R	010FABAGK7EA0E	I	IF					18000		A	JS	
SUSAP	KCAEK7FR29	R	020ENUGK7EA1E	F	051TF		28980063	+	01800		RW29	K7PGA	JS	
SUSAP	KCAEK7FR29	R	020ENUGK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP	KCAEK7FR29	R	030RW29	K7PGOGY	M	031TF	28970048		00268		-300		A	JS
SUSAP	KCAEK7FR29	R	040BAPNEK7EA0EYM		010DF				+	03000			A	JS
SUSAP	KCAEK7FR29	R	050BAPNEK7EA0EE		R020HM		29000040	+	03000				A	JS

[illegible][illegible]

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 1  27 AUG 2009	SUP:
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ADCOM	ADCOM	010	IAF	IF		FB				
	ADCOM	FABAG	020		TF		FB	1.0	012.0(007T)	009.6	02500
	COINT	COINT	010	IAF	IF		FB				
	COINT	FABAG	020		TF		FB	1.0	254.9(250T)	014.1	02500
		FABAG	010	FACF	IF		FB				02500
		ENUGE	020	FAF	TF		FB	0.5	289.8(285T)	006.3	01800
		RW29	030	MAP	TF		FO	0.3	289.7(285T)	004.8	00268

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAPNE	040		DF		FO	1.0			03000
	BAPNE	050		HM	R	FO	2.0	290.0(285T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADCOM	N334357.73	W0805514.53	N3343.962	W08055.242
	BAPNE	N335936.16	W0812152.72	N3359.603	W08121.879
	COINT	N335822.47	W0803753.43	N3358.375	W08037.891
	ENUGE	N335504.99	W0810105.99	N3355.083	W08101.100
	FABAG	N335329.28	W0805350.17	N3353.488	W08053.836
	RW29	N335617.39	W0810637.16	N3356.290	W08106.619

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00210	58

CITY AND STATE  
COLUMBIA, SCELEVATION: 236 TDZE: 227  
AIRPORT NAME:  
COLUMBIA METROPOLITANFACILITY  
IDENTIFIER:  
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 29, AMDT 1  
27 AUG 2009SUP:  
AMDT: ORIG  
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