

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
VAN VORTAC	WEVLU (FB)	301.52 / 10.14	2000	LPV: DA LNAV/VNAV: DA LNAV: RW23			
CAE VORTAC	UCERI (FB)	138.03 / 18.19	2100				
WEVLU (IAF)	FOLGI (NOPT) (FB)	319.44 / 5.00	2000	CLIMB TO 2000 DIRECT GACEC AND HOLD.			
UCERI (IAF)	FOLGI (NOPT) (FB)	139.36 / 5.00	2000				
FOLGI (IF/IAF)	TOSCU (FB)	229.40 / 6.15	1800	ADDITIONAL FLIGHT DATA: HOLD SW, RT, 049.23 INBOUND. CHART FAS OBST: 366 TANK 332911N/0805050W CHART FAS OBST: 452 TOWER 332839N/0804910W CHART 645 TOWER 333050N/0805009W. DISTANCE TO THLD FROM 264 HAT: 0.70 NM. WAAS CHANNEL # 99318 REFERENCE PATH ID: W23A			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)							
2. HOLD NE FOLGI, RT, 229.40 INBOUND, 2000 FT. IN LIEU OF PT (IAF)							
3. FAC: 229.36 FAF: TOSCU DIST FAF TO MAP: 4.85 THLD: 4.85							
4. MIN. ALT: FOLGI 2000, TOSCU 1800, RUVVO/2.50 NM TO RW23 1020*							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____							
6. MIN GS INCPT: 1800 GS ALT AT: TOSCU 1800 OM: _____ MM: _____ IM: _____							
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR							
8. MSA FROM: RW23 2100				MAG VAR: 7W EPOCH YEAR: 2010			
MINIMUMS							
TAKEOFF:	STANDARD		X SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD @
CATEGORY =====>	A		B		C		E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
LPV DA	459	1	264	459	1	264	459
LNAV/VNAV DA	806	2 1/4	611	806	2 1/4	611	806
LNAV MDA	680	1	485	680	1	485	680
CIRCLING	720	1	525	800	1	605	800
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING COLUMBIA METROPOLITAN ALTIMETER SETTING. 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 NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10							
CITY AND STATE		ELEVATION: 195 TDZE: 195		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ORANGEBURG, SC		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23, AMDT 1	
		ORANGEBURG MUNI				03 JUN 2010	
						SUP:	
						AMDT: ORIG	
						DATED 10/27/2005	

QUALITY
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NOTES CONT.***LNAV ONLY****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CAE VORTAC AIRWAY RADIALS 140 CW 198.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT VAN VORTAC VIA V157 NORTHEAST BOUND.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA METROPOLITAN ALTIMETER****SETTING AND INCREASE LPV DA TO 538, LNAV/VNAV DA TO 885 AND ALL MDA 80 FT; INCREASE LPV AND****LNAV/VNAV ALL CATS AND LNAV AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.****CHART NOTE: STRAIGHT-IN AND CIRCLING TO RWY 23 NA AT NIGHT.**

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6
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**RNAV (GPS) 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	KOGB
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	332755.9550N
LTP/FTP LONGITUDE	0805114.1735W
LTP/FTP ELLIPSOIDAL HEIGHT	+00281
FPAP LATITUDE	332649.9500N
FPAP LONGITUDE	0805225.8600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

BAA605E1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00595
FPAP ORTHOMETRIC HEIGHT	+00595

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NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	CAE	K7011470VTH	N33512609W081031405	N33512609W081031405W0020004092	NARCOLUMBIA								
SUSAD	VAN	K7011040VTL	N33282939W080265511	N33282939W080265511W0060001351	NARVANCE								

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KOGBK7FR23	ACAE	010CAE	K7D	0V	IF					18000		A	JS
SUSAP KOGBK7FR23	ACAE	020UCERIK7EA0E	A	020TF		13800182	+	02100				A	JS
SUSAP KOGBK7FR23	ACAE	030FOLGIK7EA0EE	B	010TF		13940050	+	02000				A	JS
SUSAP KOGBK7FR23	AFOLGI	010FOLGIK7EA0EE	AR	HF		22940040	+	02000		18000		A	JS
SUSAP KOGBK7FR23	AVAN	010VAN	K7D	0V	IF					18000		A	JS
SUSAP KOGBK7FR23	AVAN	020WEVLUK7EA0E	A	020TF		30150101	+	02000				A	JS
SUSAP KOGBK7FR23	AVAN	030FOLGIK7EA0EE	B	010TF		31940050	+	02000				A	JS
SUSAP KOGBK7FR23	R	010FOLGIK7EA0E	I	IF			+	02000		18000		A	JS
SUSAP KOGBK7FR23	R	020TOSCUK7EA1E	F	051TF		22940062	+	01800			RW23	K7PGA	JS
SUSAP KOGBK7FR23	R	020TOSCUK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KOGBK7FR23	R	021RUVVOK7EA0E	S	031TF		22940024	V	0102001037		-300		A	JS
SUSAP KOGBK7FR23	R	030RW23	K7PG0GY	M	031TF	22940025		00235		-300		A	JS
SUSAP KOGBK7FR23	R	040	0	M	010CA	2294	+	00459				A	JS
SUSAP KOGBK7FR23	R	050GACECK7EA0EY		010DF			+	02000				A	JS
SUSAP KOGBK7FR23	R	060GACECK7EA0EE		R020HM		04920040	+	02000				A	JS

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1
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SUSAP K0GBK7GRW23 0045082293 N33275596W080511417-0600 +0028100195000040100R

SUSAP	KOGBK7PR23	RW23	001	0000W23A0N3327559550W08051141735+002810300N3326499500W08052258600106751376000400F400500BAA605E1
SUSAP	KOGBK7PR23	RW23	002E	+00595+00595LPV 99318

SUSAP KOGBK7SRW23 K7PG 0 18018002125 M

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