

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

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TERMINAL ROUTES										MISSED APPROACH							
FROM			TO			COURSE AND DISTANCE			ALTITUDE								
HAVPI (IAF)			KOENG (NOPT) (FB)			140.04 / 5.00			2400		LPV: DA LNAV/VNAV: DA LNAV: RW05						
FEDLU (IAF)			KOENG (NOPT) (FB)			320.12 / 5.00			2400		CLIMB TO 2400 DIRECT GAUGH AND HOLD.						
KOENG (IF/IAF)			LYNAM (FB)			050.08 / 6.10			1900								
										ADDITIONAL FLIGHT DATA: HOLD NE, LT, 230.26 INBOUND. CHART FAS OBST: 265 TREE 335917N/0802225W CHART FAS OBST: 635 TOWER 335657N/0802333W CHART R-6002A. DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 2.31 MILES TO RW05* *LNAV ONLY. WAAS CHANNEL # 61215 REFERENCE PATH ID: W05A							
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)																	
2. HOLD SW KOENG, RT, 050.08 INBOUND, 2400 FT. IN LIEU OF PT (IAF)																	
3. FAC: <u>050.13</u> FAF: <u>LYNAM</u> DIST FAF TO MAP: <u>5.20</u> THLD: <u>5.20</u>																	
4. MIN. ALT: <u>KOENG 2400, LYNAM 1900</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>1900</u> GS ALT AT: <u>LYNAM 1900</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>																	
7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR																	
8. MSA FROM: <u>      </u>																	
MAG VAR: 7W EPOCH YEAR: 2010																	
MINIMUMS																	
TAKEOFF: <u>      </u> STANDARD <u>X</u> SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A <u>      </u> STANDARD @ <u>      </u>																	
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	381	3/4	200	381	3/4	200	381	3/4	200	381	3/4	200					
LNAV/VNAV DA	535	1 1/4	354	535	1 1/4	354	535	1 1/4	354	535	1 1/4	354					
LNAV MDA	940	1	759	940	1 1/4	759	940	2 1/4	759	940	2 1/2	759					
CIRCLING																	
	940	1	758	940	1 1/4	758	940	2 1/4	758	940	2 1/2	758					
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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: PROCEDURE NA WHEN R-6002A IS ACTIVE. SEE 8260-10																	
CITY AND STATE  SUMTER, SC				ELEVATION: 182 TDZE: 181 AIRPORT NAME:  SUMTER				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG  22 OCT 2009				SUP: AMDT: NONE DATED	

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**NOTES CONT.**

CHART NOTE: CIRCLING NA TO RWY 14-32.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAMDEN ALTIMETER SETTING AND INCREASE

ALL DA 65 FEET AND ALL MDA 80 FEET AND LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C/D, AND

CIRCLING CATS C/D VISIBILITIES 1/4 MILE.

CHART NOTE: VDP AND BARO/VNAV NA WHEN USING CAMDEN ALTIMETER SETTING.

**TAA**

	FROM	TO	ALT
1.	320/30 CW 140/30 (NOPT)	320/10 CW 140/10	3100
2.	320/10 CW 140/10	KOENG (IF/IAF) (FB)	2400
3.	140/30 CW 230/30	140/7 CW 230/7	3100
4.	140/7 CW 230/7	HAVPI (IAF) (FB)	2400
5.	230/30 CW 320/30	FEDLU (IAF) (FB)	2400

QUALITY  
1  
CHECKED

CITY AND STATE <b>SUMTER, SC</b>	ELEVATION: 182    TDZE: 181 AIRPORT NAME: <b>SUMTER</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 5, ORIG</b> <b>22 OCT 2009</b>	SUP:
				AMDT: <b>NONE</b>
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
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	KSMS
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	335924.6815N
LTP/FTP LONGITUDE	0802203.7645W
LTP/FTP ELLIPSOIDAL HEIGHT	+00227
FPAP LATITUDE	340029.7700N
FPAP LONGITUDE	0802050.4300W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

43C8A4EF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00545
FPAP ORTHOMETRIC HEIGHT	+00545

QUALITY  
6  
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	AIRPORT NAME: SUMTER			AMDT: NONE
	DATED:			

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSMK7FR05	AFEDLU	010FEDLUK7EA0E	A	IF					18000		A	JS
SUSAP	KSMK7FR05	AFEDLU	020KOENGK7EA0EE		010TF		32010050	+	02400			A	JS
SUSAP	KSMK7FR05	AHAVPI	010HAVPIK7EA0E	A	IF					18000		A	JS
SUSAP	KSMK7FR05	AHAVPI	020KOENGK7EA0EE		010TF		14000050	+	02400			A	JS
SUSAP	KSMK7FR05	AKOENG	010KOENGK7EA0EE	AR	HF		05010040	+	02400	18000		A	JS
SUSAP	KSMK7FR05	R	010KOENGK7EA0E	I	IF			+	02400	18000		A	JS
SUSAP	KSMK7FR05	R	020LYNAMK7EA1E	F	051TF		05010061	+	01900			A	JS
SUSAP	KSMK7FR05	R	020LYNAMK7EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KSMK7FR05	R	030RW05 K7PG0GY	M	031TF		05010052		00219	-300		A	JS
SUSAP	KSMK7FR05	R	040GAUGHK7EA0EYM		010DF			+	02400			A	JS
SUSAP	KSMK7FR05	R	050GAUGHK7EA0EE		L020HM		23030040	+	02400			A	JS

[illegible][illegible]

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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
	FEDLU	FEDLU	010	IAF	IF		FB				
	FEDLU	KOENG	020		TF		FB	1.0	320.1 (313T)	005.0	02400
	HAVPI	HAVPI	010	IAF	IF		FB				
	HAVPI	KOENG	020		TF		FB	1.0	140.0 (133T)	005.0	02400
	KOENG	KOENG	010	IAF	HF	R	FO		050.1 (043T)	004.0	02400
		KOENG	010	FACF	IF		FB				02400
		LYNAM	020	FAF	TF		FB	0.5	050.1 (043T)	006.1	01900
		RW05	030	MAP	TF		FO	0.3	050.1 (043T)	005.2	00219

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GAUGH	040		DF		FO	1.0			02400
	GAUGH	050		HM	L	FO	2.0	230.3 (223T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FEDLU	N334743.61	W0802657.80	N3347.727	W08026.963
	GAUGH	N340818.50	W0801201.21	N3408.308	W08012.020
	HAVPI	N335434.16	W0803544.01	N3354.569	W08035.734
	KOENG	N335108.96	W0803120.73	N3351.149	W08031.346
	LYNAM	N335536.46	W0802620.50	N3355.608	W08026.342
	RW05	N335924.68	W0802203.76	N3359.411	W08022.063

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00179	40

QUALITY  
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	AIRPORT NAME: <b>SUMTER</b>			AMDT: <b>NONE</b>
				DATED: