

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		LPV: DA LNAV/VNAV: DA LNAV: RW05 CLIMB TO 2000 DIRECT URICU AND VIA 117.12 TRACK TO CUBBY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 241.80 INBOUND. CHART FAS OBST: 199 TREE 331039N/0800304W DISTANCE TO THLD FROM 334 HAT: 0.90 NM. CHART VDP AT 1.26 MILES TO RW05* *LNAV ONLY. WAAS CHANNEL # 63210 REFERENCE PATH ID: W05A CHART GAMECOCK B/C/D MOA							
CHS VORTAC		VACUV (FB)		334.62 / 7.03		2000									
GRECI		PIYIV (FB)		145.33 / 12.43		2000									
VACUV (IAF)		ZAVIK (NOPT) (FB)		319.78 / 5.00		2000									
PIYIV (IAF)		ZAVIK (NOPT) (FB)		139.70 / 5.00		2000									
ZAVIK (IF/IAF)		WILRO (FB)		049.74 / 6.10		1600									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW ZAVIK, RT, 049.74 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 049.79 FAF: WILRO DIST FAF TO MAP: 4.59 THLD: 4.59 4. MIN. ALT: ZAVIK 2000, WILRO 1600 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: 1600 GS ALT AT: WILRO 1600 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 46.0 34:1 IS NOT CLEAR 8. MSA FROM: RW05 3100								MAG VAR: 7W EPOCH YEAR: 2010							
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
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	407	1 1/4	334	407	1 1/4	334	407	1 1/4	334	407	1 1/4	334			
LNAV/VNAV DA	469	1 1/2	396	469	1 1/2	396	469	1 1/2	396	469	1 1/2	396			
LNAV MDA	520	1	447	520	1	447	520	1 1/4	447	520	1 1/2	447			
CIRCLING	520	1	447	620	1	547	620	1 1/2	547	640	2	567			
NOTES: CHART NOTE: CIRCLING TO RWY 23 NA AT NIGHT. CHART NOTE: BARO-VNAV NA WHEN USING CHARLESTON ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118 F). SEE 8260-10															
CITY AND STATE			ELEVATION: 73 TDZE: 73			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
MONCKS CORNER, SC			AIRPORT NAME: BERKELEY COUNTY						RNAV (GPS) RWY 5, ORIG			AMDT: NONE			
									15 JAN 2009			DATED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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NOTES CONT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON AFB/NTL ALTIMETER SETTING AND INCREASE LPV DA TO 451 FEET; LNAV/VNAV DA TO 513 FEET; AND ALL MDA 60 FEET; INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CHS VORTAC AIRWAY RADIALS 282 CW 018.

CHART NOTE: VDP NA WHEN USING CHARLESTON ALTIMETER SETTING.

CITY AND STATE

MONCKS CORNER, SC

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BERKELEY COUNTY

FACILITY
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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKS
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	331051.9895N
LTP/FTP LONGITUDE	0800227.9135W
LTP/FTP ELLIPSOIDAL HEIGHT	-00103
FPAP LATITUDE	331157.4600N
FPAP LONGITUDE	0800115.7400W
THRESHOLD CROSSING HEIGHT (TCH)	00046.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1424
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B8657FAE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00222
FPAP ORTHOMETRIC HEIGHT	+00222

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMKSK7FR05	ACHS	010CHS	K7D	OV	IF					18000		A	JS
SUSAP KMKSK7FR05	ACHS	020VACUVK7EA0E	A	020TF		33460070		+	02000			A	JS
SUSAP KMKSK7FR05	ACHS	030ZAVIKK7EA0EE		010TF		31980050		+	02000			A	JS
SUSAP KMKSK7FR05	AGRECI	010GRECIK7EA0E		IF						18000		A	JS
SUSAP KMKSK7FR05	AGRECI	020PIYIVK7EA0E	A	020TF		14530124		+	02000			A	JS
SUSAP KMKSK7FR05	AGRECI	030ZAVIKK7EA0EE		010TF		13970050		+	02000			A	JS
SUSAP KMKSK7FR05	AZAVIK	010ZAVIKK7EA0EE	CR	HF		04970040		+	02000	18000		A	JS
SUSAP KMKSK7FR05	R	010ZAVIKK7EA0E	I	IF				+	02000	18000		A	JS
SUSAP KMKSK7FR05	R	020WILROK7EA1E	F	051TF		04970061		+	01600		RW05	K7PGA	JS
SUSAP KMKSK7FR05	R	020WILROK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KMKSK7FR05	R	030RW05	K7PG0GY	M	031TF		04960046		00119	-300		A	JS
SUSAP KMKSK7FR05	R	040URICUK7EA0E	M	010DF								A	JS
SUSAP KMKSK7FR05	R	050CUBBYK7EA0EY		010TF		1171		+	02000			A	JS
SUSAP KMKSK7FR05	R	060CUBBYK7EA0EE	HR020HM			24180040		+	02000			A	JS

CITY AND STATE MONCK'S CORNER, SC	ELEVATION: 73 TDZE: 73 AIRPORT NAME: BERKELEY COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG 15 JAN 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
	CHS	CHS	010		IF		FB				
	CHS	VACUV	020	IAF	TF		FB	2.0	334.6(328T)	007.0	02000
	CHS	ZAVIK	030		TF		FB	1.0	319.8(313T)	005.0	02000
	GRECI	GRECI	010		IF		FB				
	GRECI	PIYIV	020	IAF	TF		FB	2.0	145.3(138T)	012.4	02000
	GRECI	ZAVIK	030		TF		FB	1.0	139.7(133T)	005.0	02000
	ZAVIK	ZAVIK	010		HF	R	FB		049.7(043T)	004.0	02000
		ZAVIK	010	FACF	IF		FB				02000
		WILRO	020	FAF	TF		FB	0.5	049.7(043T)	006.1	01600
		RW05	030	MAP	TF		FO	0.3	049.8(043T)	004.6	00119

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	URICU	040		DF		FB	1.0			
	CUBBY	050		TF		FO	1.0	117.1(110T)		02000
	CUBBY	060		HM	R	FO	2.0	241.8(235T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CHS	N325339.55	W0800216.13	N3253.659	W08002.269
	CUBBY	N330913.65	W0794019.27	N3309.228	W07940.321
	GRECI	N331542.85	W0802519.20	N3315.714	W08025.320
	PIYIV	N330624.24	W0801528.88	N3306.404	W08015.481
	URICU	N331445.14	W0795810.67	N3314.752	W07958.178
	VACUV	N325936.25	W0800644.61	N3259.604	W08006.744
	WILRO	N330729.44	W0800610.91	N3307.491	W08006.182
	ZAVIK	N330300.32	W0801106.58	N3303.005	W08011.110
	RW05	N331051.99	W0800227.91	N3310.867	W08002.465

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW05	00073		46

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