

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>							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.										
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>							
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW22  CLIMB TO 2000 DIRECT OCAGI AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SW, RT, 042.54 INBOUND. CHART FAS OBST: 416 ANT 341130N/0791853W CHART GAMECOCK B/C/D MOA. DISTANCE TO THLD FROM 306 HAT: 0.84 NM. WAAS CHANNEL # 45836 REFERENCE PATH ID: W22A CHART CIRCLING ICON LTP HAE: -5.7 M							
TIPGE (IAF)		SEROY (NOPT) (FB)			292.76 / 6.00			2000									
UBHAX (IAF)		SEROY (NOPT) (FB)			152.65 / 6.00			2000									
SEROY (IF/IAF)		RUCOD (FB)			222.69 / 6.42			1700									
RUCOD (FAF)		RW22 (MAP) (FO)			222.65 / 4.93												
RW22 (MAP)		396 MSL			222.65												
396 MSL		OCAGI (FO)						2000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE SEROY, LT, 222.69 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 222.65 FAF: RUCOD DIST FAF TO MAP: 4.93 THLD: 4.93 4. MIN. ALT: SEROY 2000, RUCOD 1700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1700 GS ALT AT: RUCOD 1700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 38.7 34:1 IS NOT CLEAR 8. MSA FROM: _____										MAG VAR: 8W		EPOCH YEAR: 2015					
<b>MINIMUMS</b>																	
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	396	1	306	396	1	306	396	1	306	396	1	306					
LNAV/VNAV DA	577	1 5/8	487	577	1 5/8	487	577	1 5/8	487	577	1 5/8	487					
LNAV MDA	680	1	590	680	1	590	680	1 3/4	590	680	1 3/4	590					
CIRCLING	720	1	628	720	1	628	720	1 3/4	628	960	2 3/4	868					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING FLORENCE ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8C (18F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. (SEE FORM 8260-10)																	
CITY AND STATE  MARION, SC		ELEVATION: 92 TDZE: 90 AIRPORT NAME:  MARION COUNTY			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG-A 25 JUNE 2015					SUP:					
												AMDT: ORIG					
												DATED 11/13/2014					

 QUALITY  
4  
CHECKED

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FLORENCE ALTIMETER SETTING AND INCREASE ALL DA 53 FEET AND ALL VISIBILITIES 1/4 MILE. INCREASE ALL MDA 60 FEET AND ALL CAT C/D VISIBILITIES 1/4 MILE.**

TAA	FROM	TO	ALT
1.	153/30 CW 293/30 (NOPT) 153/15 CW 293/15	153/15 CW 293/15 SEROY (IF/IAF) (FB)	2300 2000
2.	293/30 CW 043/30	TIPGE (IAF) (FB)	2700
3.	043/30 CW 153/30	UBHAX (IAF) (FB)	3200

CITY AND STATE

MARION, SC

ELEVATION: 92

TDZE: 90

AIRPORT NAME:

MARION COUNTY

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IDENTIFIER:  
**RNAV**

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**RNAV (GPS) RWY 22, ORIG-A**

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QUALITY  
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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMAO
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	341110.5300N
LTP/FTP LONGITUDE	0791949.7575W
LTP/FTP ELLIPSOIDAL HEIGHT	-00057
FPAP LATITUDE	340957.0740N
FPAP LONGITUDE	0792050.7625W
THRESHOLD CROSSING HEIGHT (TCH)	00038.7
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
 <u>CRC REMAINDER</u>	 9A448398

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00275
FPAP ORTHOMETRIC HEIGHT	+00275

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[illegible]

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	SEROY	SEROY	010	IAF	HF	L	FO		222.7 (214.7T)	004.0	AA 02000	
	TIPGE	TIPGE	010	IAF	IF		FB					
	TIPGE	SEROY	020		TF		FB	1.0	292.8 (284.8T)	006.0	AA 02000	
	UBHAX	UBHAX	010	IAF	IF		FB					
	UBHAX	SEROY	020		TF		FB	1.0	152.7 (144.7T)	006.0	AA 02000	
		SEROY	010	FACF	IF		FB				AA 02000	
		RUCOD	020	FAF	TF		FB	0.5	222.7 (214.7T)	006.4	AA 01700	
		RW22	030	MAP	TF		FO	0.3	222.7 (214.7T)	004.9	AT 00129	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		222.7 (214.7T)		AA 00396	
		OCAGI	050		DF		FO				AA 02000	
		OCAGI	060		HM	R	FO		042.5 (034.5T)	004.0	AA 02000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		OCAGI	N340112.15		W0792805.56		N3401.203		W07928.093			
		RUCOD	N341514.49		W0791626.89		N3415.242		W07916.448			
		SEROY	N342031.68		W0791202.52		N3420.528		W07912.042			
		TIPGE	N341900.03		W0790502.10		N3419.001		W07905.035			
		UBHAX	N342525.89		W0791614.05		N3425.432		W07916.234			
		RW22	N341110.53		W0791949.76		N3411.176		W07919.829			
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW22	00090		39							

  

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