

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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: RW11  CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 DIRECT NIBIE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 243.34 INBOUND. FAS OBST: 859 TREE 392851N/0881900W CHART 920 TOWER 392923N/0882058W DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.13 MILES TO RW11* *LNAV ONLY. WAAS CHANNEL # 86537 REFERENCE PATH ID: W11A CHART CIRCLING ICON LTP HAE: 185.6 M						
WUBTA (IF/IAF)		YAYSU (FB)		115.77 / 6.00				2400								
YAYSU (FAF)		ZOSIB/2.90 NM TO RW11 (FB)		115.85 / 2.25												
ZOSIB/2.90 NM TO RW11		RW11 (MAP) (FO)		115.85 / 2.90												
RW11 (MAP)		1200 MSL		115.85				1200								
1200 MSL		NIBIE (FO)						3000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW WUBTA, RT, 115.77 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 115.85 FAF: YAYSU DIST FAF TO MAP: 5.15 THLD: 5.15 4. MIN. ALT: WUBTA 3000, YAYSU 2400, ZOSIB/2.90 NM TO RW11 1680* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: YAYSU 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR 8. MSA FROM: _____										MAG VAR: 3W EPOCH YEAR: 2015						
MINIMUMS																
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		918	3/4	200	918	3/4	200	918	3/4	200	918	3/4	200			
LNAV/VNAV DA		1175	1 1/2	457	1175	1 1/2	457	1175	1 1/2	457	1175	1 1/2	457			
LNAV MDA		1120	1	402	1120	1	402	1120	1 1/8	402	1120	1 1/8	402			
CIRCLING		1160	1	438	1180	1	458	1240	1 1/2	518	1380	2	658			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, INCREASE ALL MDA 100 FEET, AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE, LNAV CATS C AND D AND CIRCLING CAT C VISIBILITY (SEE FORM 8260-10)																
CITY AND STATE MATTOON/CHARLESTON, IL		ELEVATION: 722 TDZE: 718 AIRPORT NAME: COLES COUNTY MEMORIAL			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, ORIG 31 MARCH 2016						SUP: AMDT: NONE DATED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

1/4 MILE, AND CIRCLING D VISIBILITY 1/2 MILE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING.

TAA	FROM	TO	ALT
1.	026/30 CW 206/30 (NOPT)	026/15 CW 206/15	3100
2.	026/15 CW 206/15	WUBTA (IF/IAF) (FB)	3000
3.	206/30 CW 026/30	WUBTA (IF/IAF) (FO)	3000

QUALITY  
16  
CHECKED

CITY AND STATE <b>MATTOON/CHARLESTON, IL</b>	ELEVATION: 722      TDZE: 718 AIRPORT NAME: <b>COLES COUNTY MEMORIAL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 11, ORIG</b> 31 MARCH 2016	SUP:
				AMDT: <b>NONE</b>
				DATED:

**RNAV 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	KMTO
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	392852.5470N
LTP/FTP LONGITUDE	0881722.8760W
LTP/FTP ELLIPSOIDAL HEIGHT	+01856
FPAP LATITUDE	392817.8180N
FPAP LONGITUDE	0881536.8925W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER**

94CAF183

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02177
FPAP ORTHOMETRIC HEIGHT	+02177

QUALITY  
16  
CHECKED

CITY AND STATE

MATTOON/CHARLESTON, IL

ELEVATION: 722

TDZE: 718

AIRPORT NAME:

COLES COUNTY MEMORIAL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 11, ORIG

31 MARCH 2016

SUP:

AMDT: NONE

DATED:

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.

[illegible][illegible]


SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMTOK5FR11	AWUBTA	010WUBTAK5EA0EE	AR	HF		11580040	+	03000	18000		A	JS
SUSAP	KMTOK5FR11	R	010WUBTAK5EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KMTOK5FR11	R	020YAYSUK5EA1E	F	051TF		11580060	+	02400			A	JS
SUSAP	KMTOK5FR11	R	020YAYSUK5EA2WALPV			ALNAV/VNAV						JS	
SUSAP	KMTOK5FR11	R	021ZOSIBK5EA0E	S	031TF		11590023	V	0168001683		-300	A	JS
SUSAP	KMTOK5FR11	R	030RW11	K5PGOGY	M	031TF	11590029		00759		-300	A	JS
SUSAP	KMTOK5FR11	R	040		O	M	1159	+	01200			A	JS
SUSAP	KMTOK5FR11	R	050NIBIEK5EA0EY	L	DF			+	03000			A	JS
SUSAP	KMTOK5FR11	R	060NIBIEK5EA0EE	R	HM		24330040	+	03000			A	JS

[illegible]

QUALITY  
16  
CHECKED

CITY AND STATE <b>MATTOON/CHARLESTON, IL</b>	ELEVATION: <b>722</b> <b>TDZE: 718</b> AIRPORT NAME: <b>COLES COUNTY MEMORIAL</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
		<b>RNAV</b>	<b>RNAV (GPS) RWY 11, ORIG</b> 31 MARCH 2016	AMDT: <b>NONE</b>
				DATED:

<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - FAR 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.				
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WUBTA	WUBTA	010	IAF	HF	R	FO		115.8 (112.8T)	004.0	AA 03000	
		WUBTA	010	FACF	IF		FB				AA 03000	
		YAYSU	020	FAF	TF		FB	0.5	115.8 (112.8T)	006.0	AA 02400	
		ZOSIB	021	SDF	TF		FB	0.3	115.9 (112.9T)	002.3	AA 01680	GS 01683
		RW11	030	MAP	TF		FO	0.3	115.9 (112.9T)	002.9	AT 00759	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		115.9 (112.9T)		AA 01200	
		NIBIE	050		DF	L	FO				AA 03000	
		NIBIE	060		HM	R	FO		243.3 (240.3T)	004.0	AA 03000	
POINT DATA		WAYPOINT			LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS	
		NIBIE			N393421.44		W0880356.42		N3934.357		W08803.940	
		WUBTA			N393312.48		W0883039.71		N3933.208		W08830.662	
		YAYSU			N393052.82		W0882330.78		N3930.880		W08823.513	
		ZOSIB			N393000.29		W0882049.93		N3930.005		W08820.832	
		RW11			N392852.55		W0881722.88		N3928.876		W08817.381	
RUNWAY DATA		RWY		THRESHOLD ELEVATION		TCH						
		RW11		00714		45						



CITY AND STATE <b>MATTOON/CHARLESTON, IL</b>	ELEVATION: <b>722</b> AIRPORT NAME: <b>COLES COUNTY MEMORIAL</b>	TDZE: <b>718</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 11, ORIG</b> <b>31 MARCH 2016</b>	SUP: <hr/> AMDT: <b>NONE</b> <hr/> DATED:
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