

14-DEC-2017

**MWA-KMWA**

1-10

**A01****A01****GENERAL****Operational Hours****ATS Hours:** TWR 1300-0100Z, use CTAF outside TWR OPS Hours**AD OPS Hours:** Attended continuously**Airport Information****RFF:** FAA Index A / CAT 5**Fuel:** Jet A**PCN:** RWY 02/20: 25/F/C/X/U

RWY 11/29: 15/F/C/Y/U

**Operation****Traffic Notes**

RWY and APCH lights are dimmed/turned off when TWR CLSD, thereafter activation by CTAF.  
 72HR PPR for air carrier OPS with more than 30 PAX seats.

**Warnings****MWA VOR/DME**

VOR unusable:

- R360-R090 beyond 10NM below 4000ft

DME unusable:

- R032-R060
- R061-R140 below 5000ft
- R360-R031 beyond 10NM below 5000ft

**EMERG FREQ:** 121.500 not AVBL at TWR.

Birds and deer on and in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.**Arrival Procedure****Land and Hold Short Operation (LAHSO)**

These OPS include LDG and hold short of an intersection RWY/TWY or other predetermined points on the RWY.

LDG RWY	Hold Short Point (HSP)	AVBL LDG DIST
RWY 20	RWY 11/29	2027m / 6650ft
RWY 29	RWY 02/20	1417m / 4650ft

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**A01****A01****DEPARTURE****Take-off Minima**

RWY		02/20, 29	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-
RWY		11	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 3.9% up to 1200
3+4 ENG		0 - 0.5V	

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR

**MWA-KMWA**

2-10

**AGC**  
**AFC**

**AFC**

**AFC**



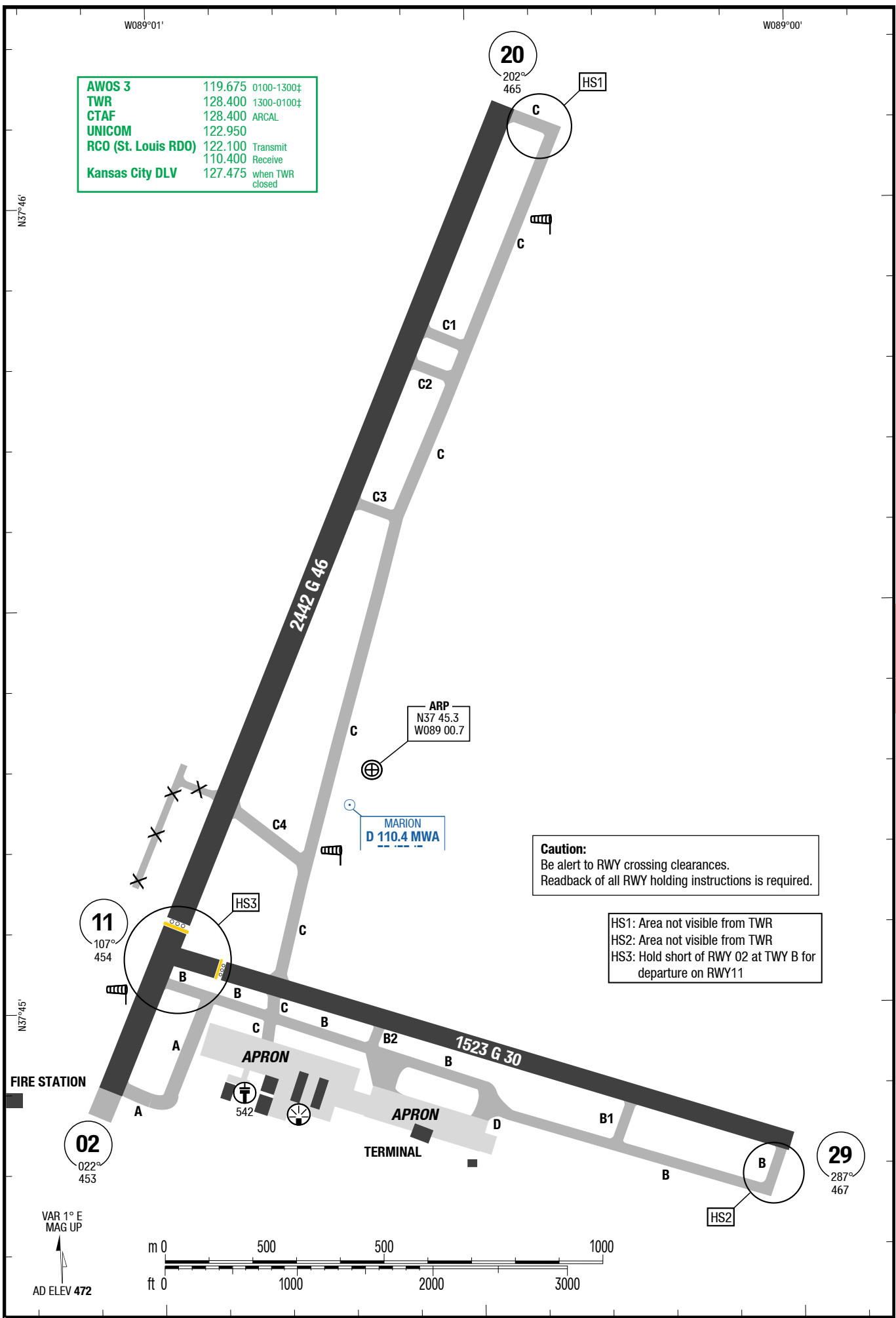
**AGC**  
**AFC**

Veterans Airport of Southern Illinois **Marion** United States



**Landing RWY system:**

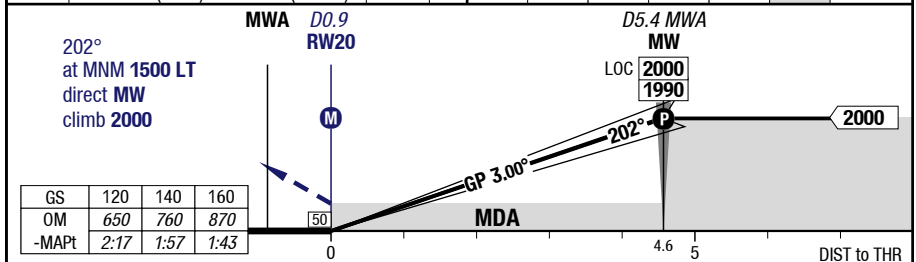
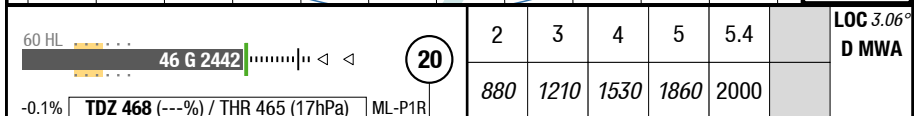
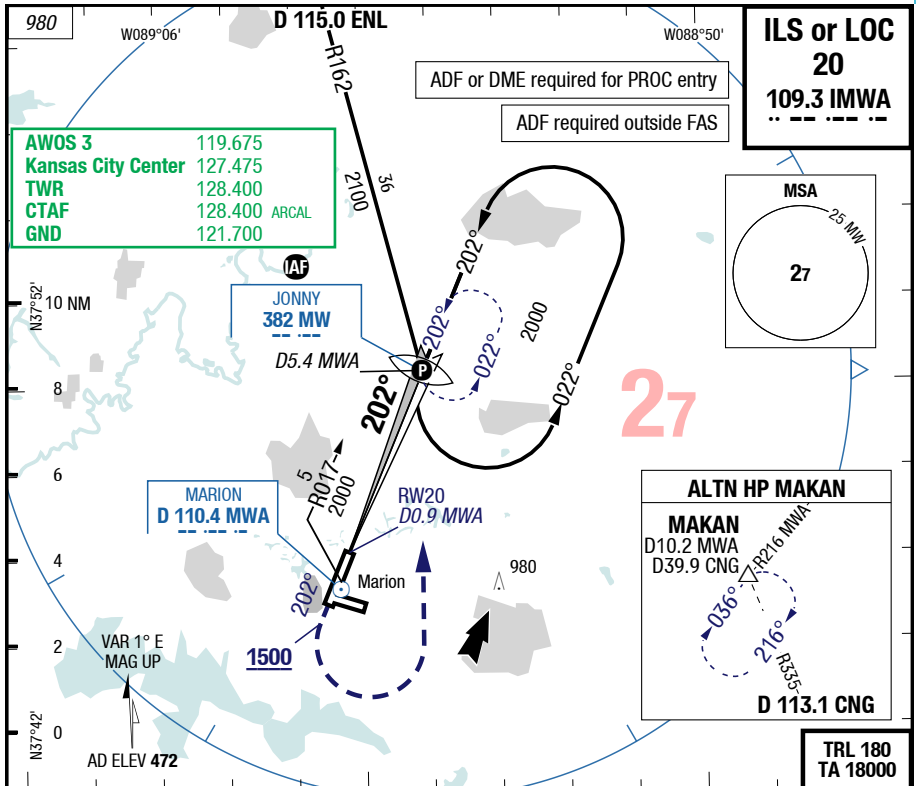
Figure 1: Schematic representation of the genetic map of the 100 Mb region on chromosome 10p12. The map shows the positions of 100 kb and 10 kb scale bars, and the locations of 100 kb and 10 kb scale bars. The map is divided into four segments: 0-3%, 3-8%, 8-15%, and 15-20%. The 0-3% segment contains the THR 454 (16hPa) and TDZ 472 (---%) markers. The 3-8% segment contains the 30 G 1523 marker. The 8-15% segment contains the 1523 G 30 marker. The 15-20% segment contains the 46 G 2442 marker. The 100 kb scale bar is located at the top, and the 10 kb scale bar is located at the bottom. The 100 kb scale bar is labeled '100 kb' and the 10 kb scale bar is labeled '10 kb'. The 100 kb scale bar is divided into four segments: 0-3%, 3-8%, 8-15%, and 15-20%. The 10 kb scale bar is divided into four segments: 0-3%, 3-8%, 8-15%, and 15-20%. The 100 kb scale bar is labeled '100 kb' and the 10 kb scale bar is labeled '10 kb'. The 100 kb scale bar is divided into four segments: 0-3%, 3-8%, 8-15%, and 15-20%. The 10 kb scale bar is divided into four segments: 0-3%, 3-8%, 8-15%, and 15-20%.



Changes: new

<b>Obstacle Departure</b>	
<b>RWY</b>	<b>Routing</b>
<b>11</b>	HDG 107° to MNM <b>1100</b> before LT.
<b>RWY</b>	<b>Notes</b>
<b>02</b>	Trees beginning 119ft from DER, 265ft left of centerline, up to 106ft AGL/543ft MSL.
<b>11</b>	Poles beginning 630ft from DER, 496ft right of centerline, up to 75ft AGL/518ft MSL. Tree 1298ft from DER, 594ft right of centerline, 81ft AGL/528ft MSL. Tank 5154ft from DER, 800ft right of centerline, 164ft AGL/601ft MSL. Tower 3.16 NM from DER, 1.32 NM left of centerline, 490ft AGL/980ft MSL.
<b>20</b>	Trees beginning 1538ft from DER, 823ft right of centerline, up to 68ft AGL/521ft MSL.
<b>29</b>	Wind sock 341ft from DER, 291ft left of centerline, 11ft AGL/461ft MSL. Trees beginning 559ft from DER, 360ft right of centerline, up to 77ft AGL/534ft MSL. Theater screen 1347ft from DER, 634ft right of centerline, 77ft AGL/530ft MSL.

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**MWA-KMWA****7-10****ILS or LOC 20****IAC**

20		Cat 1	Cat 1	LOC	LOC	Circling 2)
T <sub>Enr</sub>			MDH QNH 1)	MDH QNH 1)		TERPS
C	ft - ft/SM	200 - 0.5V	240 - 0.5V	380 - 0.63V	420 - 0.75V	600 - 1.5V
		670	710	840	880	1080
D	ft - ft/SM	200 - 0.5V	240 - 0.5V	380 - 0.75V	420 - 0.75V	700 - 2.25V
		670	710	840	880	1180

1) Use with Carbondale/Murphysboro (KMDH) QNH

2) To RWY 11 HJ only

Changes: new

AMDT 12B

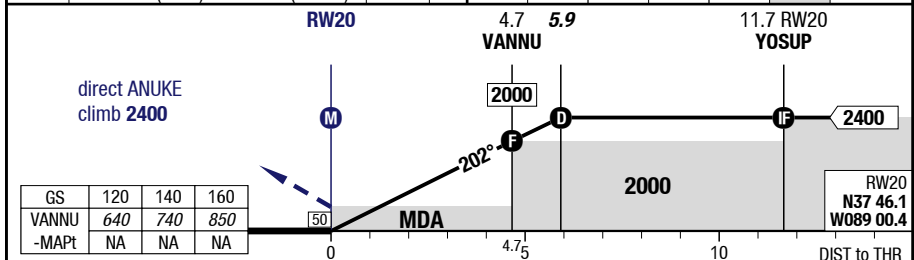
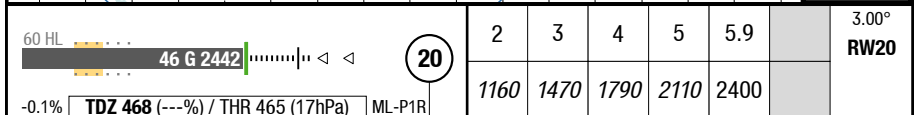
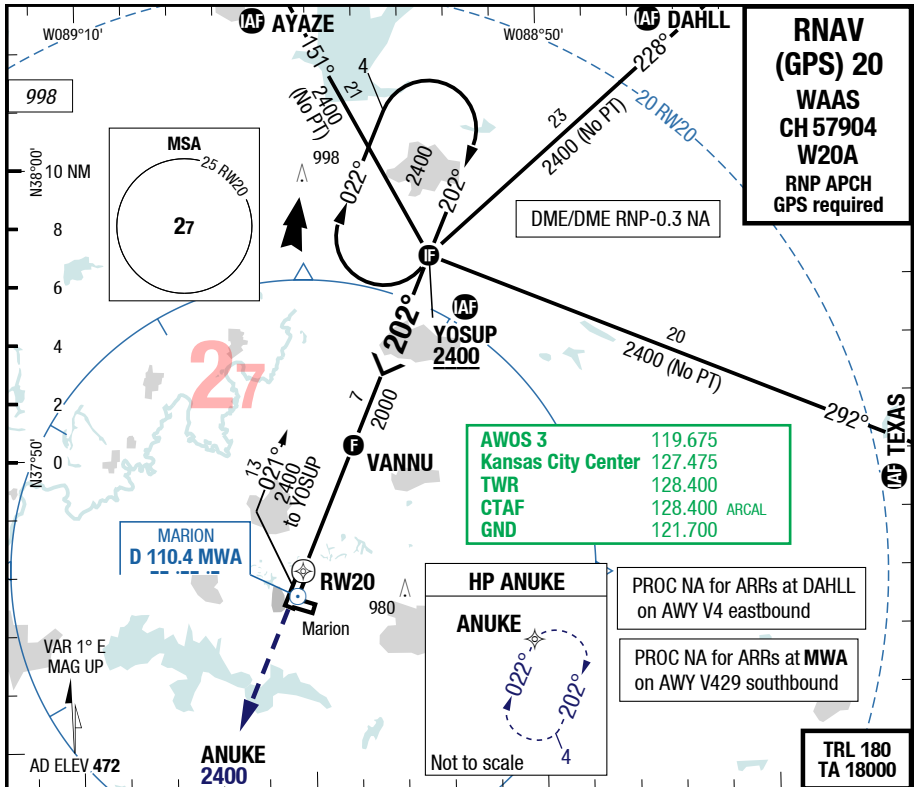
## RNAV (GPS) 02



02		RNAV GPS	RNAV GPS	RNAV GPS	RNAV GPS	RNAV GPS	Circling <sup>4)</sup>
		LPV	LPV MDH QNH 1)	VNAV 2)	VNAV MDH QNH 1) 3)	LNAV	
C	ft - ft/SM ft	200 - 0.75V 670	240 - 0.75V 710	290 - 1.0V 760	330 - 1.13V 800	480 - 1.38V 940	600 - 1.5V 1080
D	ft - ft/SM ft	200 - 0.75V 670	240 - 0.75V 710	290 - 1.0V 760	330 - 1.13V 800	480 - 1.38V 940	700 - 2.25V 1180

AMDT 1C

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**MWA-KMWA****7-40****RNAV (GPS) 20****IAC**

20		RNAV GPS LPV	RNAV GPS LPV MDH QNH 1)	RNAV GPS VNAV 2)	RNAV GPS VNAV MDH QNH 1) 3)	RNAV GPS LNAV	Circling 4)
TERPS							
C	ft - ft/SM ft	200 - 0.5V 670	240 - 0.5V 710	310 - 0.5V 780	350 - 0.63V 820	420 - 0.75V 880	600 - 1.5V 1080
D	ft - ft/SM ft	200 - 0.5V 670	240 - 0.5V 710	310 - 0.5V 780	350 - 0.63V 820	420 - 0.75V 880	700 - 2.25V 1180

1) Use with Carbondale/Murphysboro (KMDH) QNH 2) Uncompensated BARO VNAV NA below -15°C (5°F) or above 54°C (130°F)  
3) BARO VNAV NA 4) To RWY 11 HJ only

Changes: new

AMDT 1C



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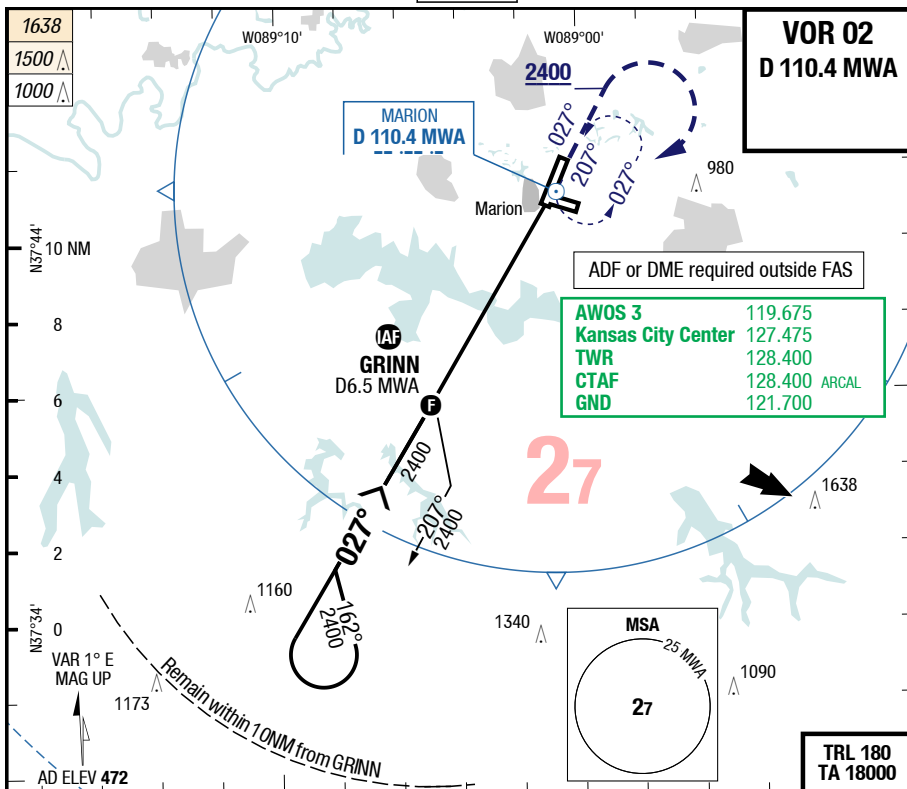
United States **Marion** Veterans Airport of Southern Illinois

IAC

**MWA-KMWA**

7-50

**VOR 02**



2.97°	6.5	6	5	4	3	2	02	3.5°	60 HL
D MWA								2442 G 46	
027°	2400	2250	1930	1620	1300	990			
RWY 022°									
THR 453 (16hPa) / TDZ 466 (---%) +0.1%									



02	VOR	VOR				Circling 2)
T <sub>Enr</sub>		MDH QNH 1)				TERPS
C	ft - ft/SM ft	440 - 1.25V 900	480 - 1.38V 940			600 - 1.5V 1080
D	ft - ft/SM ft	440 - 1.5V 900	480 - 1.5V 940			700 - 2.25V 1180

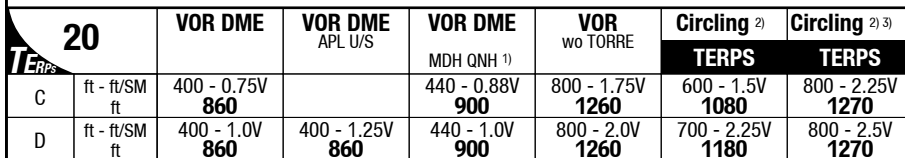
1) Use with Carbondale/Murphysboro (KMDH) QNH  
2) To RWY 11 HJ only

Changes: new

AMDT 13E

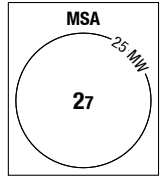
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**VOR 20**



3) wo TORRE

## NDB 20



GS	120	140	160
OM	700	810	930
-MAPt	2:17	1:57	1:43

<b>20</b>		<b>NDB</b>	<b>NDB</b> MDH QNH <sup>1)</sup>				<b>Circling <sup>2)</sup></b> <b>TERPS</b>
<b>C</b>	ft - ft/SM ft	460 - 0.88V <b>920</b>	500 - 1.0V <b>960</b>				600 - 1.5V <b>1080</b>
<b>D</b>	ft - ft/SM ft	460 - 1.25V <b>920</b>	500 - 1.25V <b>960</b>				700 - 2.25V <b>1180</b>

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## MWA-KMWA

**7-90**

## WxMinima Overflow

<b>TERPs</b>	<b>02</b>	<b>RNAV GPS</b> LNAV MDH QNH <sup>1)</sup>					
C	ft - ft/SM ft	520 - 1.5V <b>980</b>					
D	ft - ft/SM ft	520 - 1.5V <b>980</b>					
1) Use with Carbondale/Murphysboro (KMDH) QNH							
<b>TERPs</b>	<b>20</b>	<b>RNAV GPS</b> LNAV MDH QNH <sup>1)</sup>					
C	ft - ft/SM ft	460 - 0.88V <b>920</b>					
D	ft - ft/SM ft	460 - 0.88V <b>920</b>					
1) Use with Carbondale/Murphysboro (KMDH) QNH							
<b>TERPs</b>	<b>20</b>	<b>VOR</b> wo TORRE MDH QNH <sup>1)</sup>					<b>Circling</b> <sup>1) 2) 3)</sup>
C	ft - ft/SM ft	840 - 1.75V <b>1300</b>					<b>TERPS</b> 840 - 2.25V <b>1310</b>
D	ft - ft/SM ft	840 - 2.0V <b>1300</b>					840 - 2.5V <b>1310</b>
1) Use with Carbondale/Murphysboro (KMDH) QNH      3) wo TORRE							
2) To RWY 11 HJ only							