

06-SEP-2018

**MKE-KMKE****1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours / AD OPS Hours:** H24**Airport Information****RFF:** FAA INDEX C / CAT 7; INDEX D (CAT 8) AVBL O/R.**Fuel:** Jet A**PCN:** RWY 01L/19R: 64/R/A/W/T,RWY 01R/19L: 23/R/B/W/T,RWY 07L/25R: 20/F/A/X/T  
RWY 07R/25L: 58/R/A/W/T,RWY 13/31: 48/R/B/W/T**Operation****Transponder OPS**

ASDE-X in use. Operate transponders with ALT reporting Mode and ADS-B (if equipped) enabled on all airport surfaces.

**Preferential RWY**

TKOF: RWY 19R 0400-1200‡.

LDG: RWY 01L 0400-1200‡.

**Traffic Note**

Low Level Windshear Alert System (LLWAS) in operation.

Terminal Doppler Weather Radar (TDWR) in operation.

**RWY Restrictions**

RWY 13/31 CLSD for JET ACFT, unless specific permission.

RWY 13/31, RWY 01R/19L and RWY 07L/25R CLSD 0400-1200‡.

RWY 01R/19L AVBL to air carriers for taxi only.

RWY 07L/25R:

- CLSD to all JET ACFT.
- not AVBL for SKED ACFT with more than 10 PAX seats and non-SKED ACFT with more than 31 PAX seats.
- Taxiing restricted to ACFT up to 29.5t / 65000lbs between TWY D and RWY 13/31 and east of RWY 19R.

**TWY Restrictions**

TWY A from TWY R to E, TWY E from TWY T to M and TWY T north RWY 07R/25L CLSD for ACFT with tail height above 17m / 54.5ft during CAT 2/3 OPS.

TWY S and T between TWY R and RWY 07R/25L and RWY 07R/25L between RWY 01R/19L and TWY R CLSD during CAT 2/3 OPS.

TWY D1, F1, F2, F east of RWY 19R, H, J, K east of RWY 19L and P MAX wingspan 24m / 79ft.

TWY B between TWY V and P MAX wingspan 52m / 171ft.

TWY V between TWY D and RWY 07L/25R CLSD for ACFT with wingspan above 52m / 171ft when RWY 07L/25R in use.

| TWY C between THR 07L and TWY D1 MAX wingspan 36m / 118ft, except with PPR.

ACFT with wingspan above 53m / 175ft cannot pass simultaneously on TWY E and Z.

HLDG Bay RWY 01L MAX wingspan 36m / 118ft.

When HLDG Bay 19R in use, TWY Z adjacent to bay MAX wingspan 52m / 171ft.

**Noise Abatement Procedures:** All APCHs are over noise sensitive areas.

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**MKE-KMKE****1-20****AOI****AOI****GENERAL****Warnings****LJT VOR unusable:**

- R030-R230 beyond 25NM below 5500ft
- R230-R310 beyond 25NM below 6500ft

**BAE VOR unusable:**

- R010-R020 beyond 25NM

Birds in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR and in addition;**VEENA:** From VEENA intersection proceed direct IAF for DEST AD.**Arrival Procedure****Non-standard GP intercept position on****RWY 01L**

GP intercepts RWY 01L at 326m / 1069ft after landing threshold.

Remaining DIST beyond GP is 2442m / 8011ft.

**RWY 19R**

GP intercepts RWY 19R at 314m / 1030ft after landing threshold.

Remaining DIST beyond GP is 2492m / 8175ft.

07-DEC-2017

**MKE-KMKE****1-30****AOI****DEPARTURE****Take-off Minima**

RWY		01L/19R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-
RWY		07R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	All DEP:
3+4 ENG		0 - 2400R/0.5V	MNM climb gradient 4.8% up to 1100
RWY		01R/19L, 07L/25R, 13, 25L	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-
RWY		31	
1+2 ENG	ft - ft/SM	0 - 1.0V	All DEP:
3+4 ENG		0 - 0.5V	MNM climb gradient 4.2% up to 1000

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.**Departure Procedure****Intersection TKOF**

TWR has been granted a waiver to the guidelines that prohibit the control TWR from taxiing an ACFT into "position and hold" at an intersection between SS-SR, and also when intersection is not visible from TWR.

This waiver allows the TWR to taxi ACFT into "position and hold", during periods of darkness, at following intersection:

- RWY 19R at TWY V.

When provision of this waiver exercised, affected RWYs will not be used for LDG. Intersection TKOF will continue to be utilized at other locations between SS-SR. However, ACFT cannot be put into "position and hold" prior TKOF CLR.

**Start-up / Push-back**

Clearance required for push-back from stands C20-C23, D39, D41, D43, D45, D48, D51, D53, D54, D55, E65-E67. Push back from other stands at ramp / pilot discretion. Contact GND when ready to taxi.

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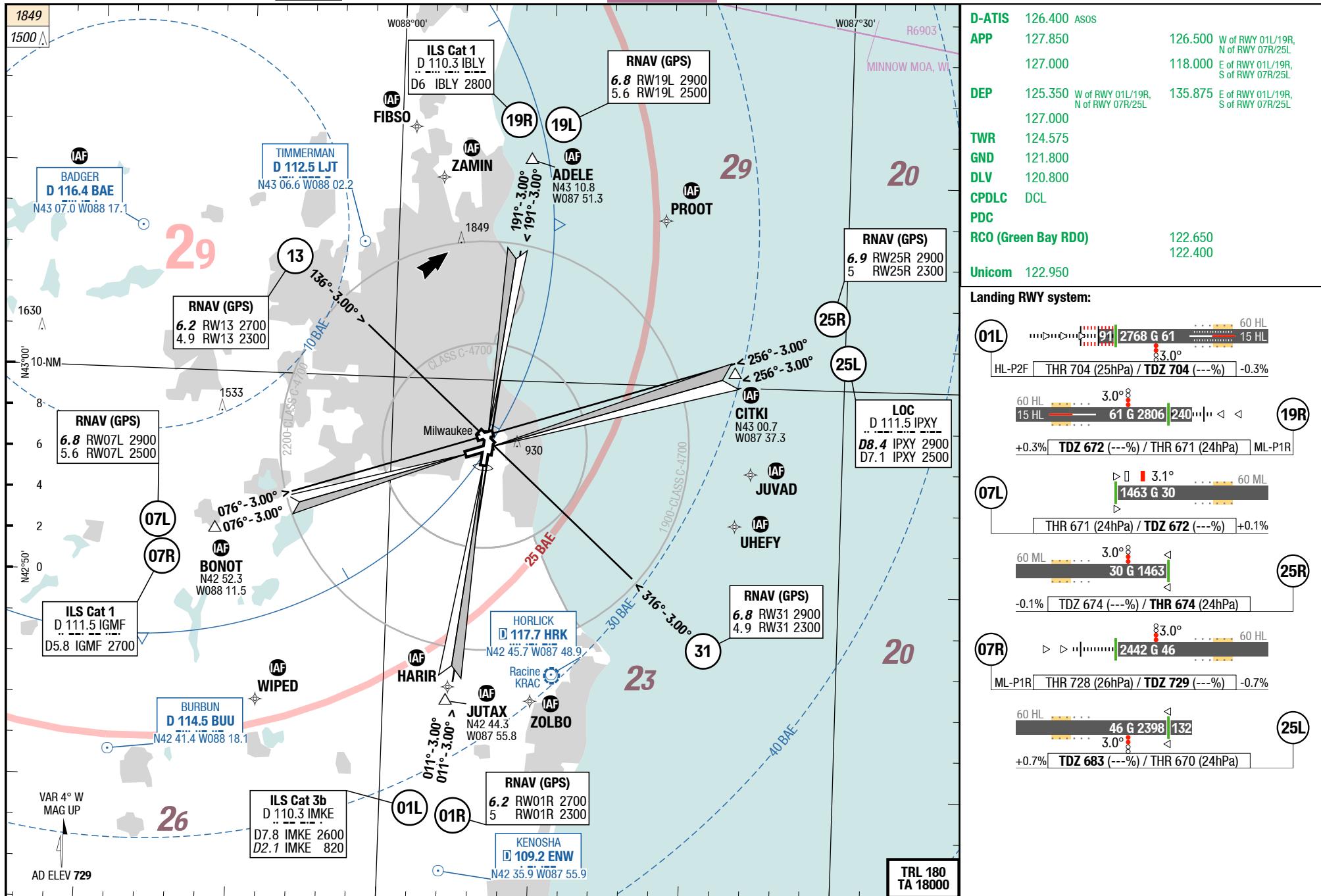
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AFC 2  
AFC 1

2-10

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AFC 2  
AFC 1



Changes: IAF, FAT, WPT, APCH boxes

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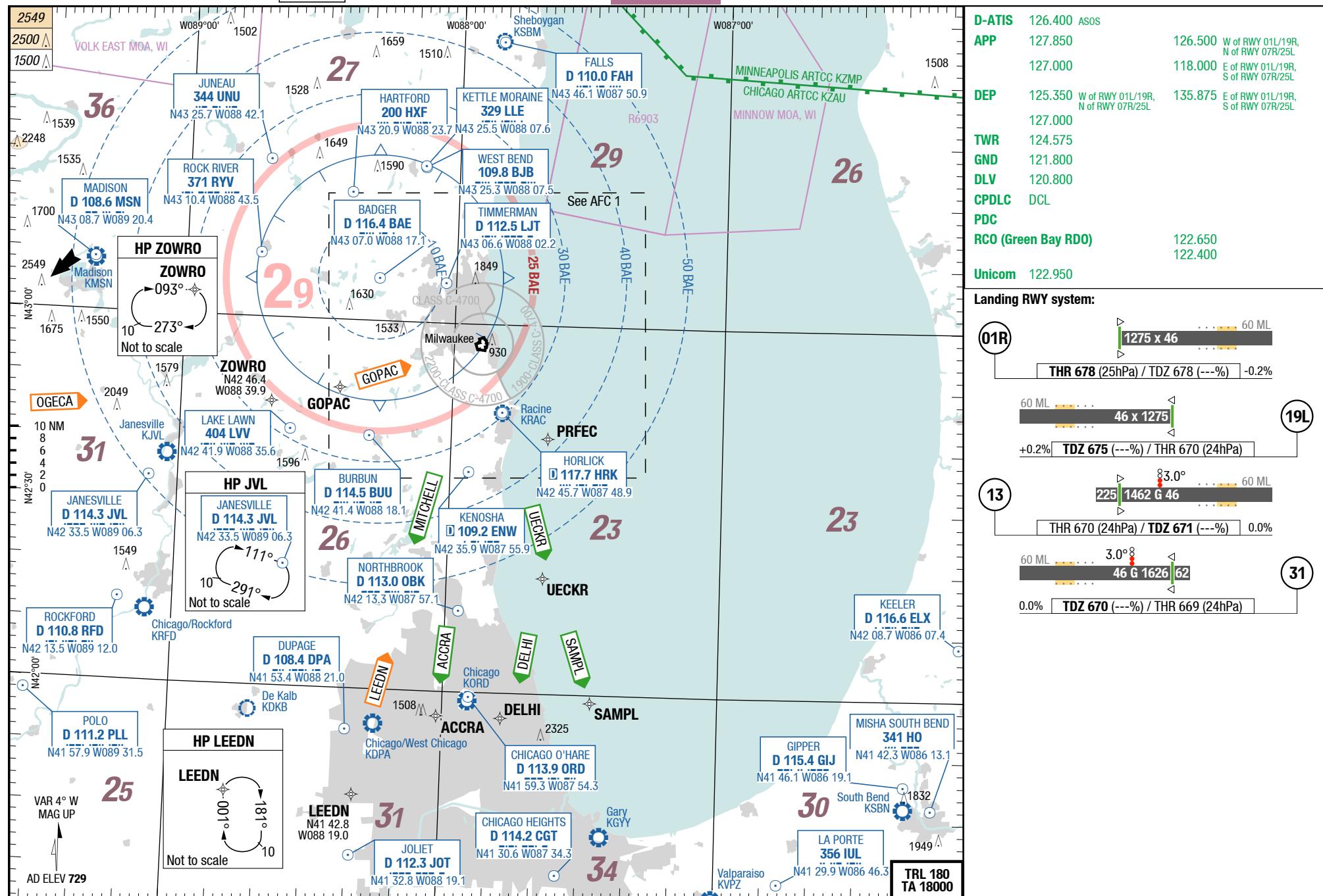
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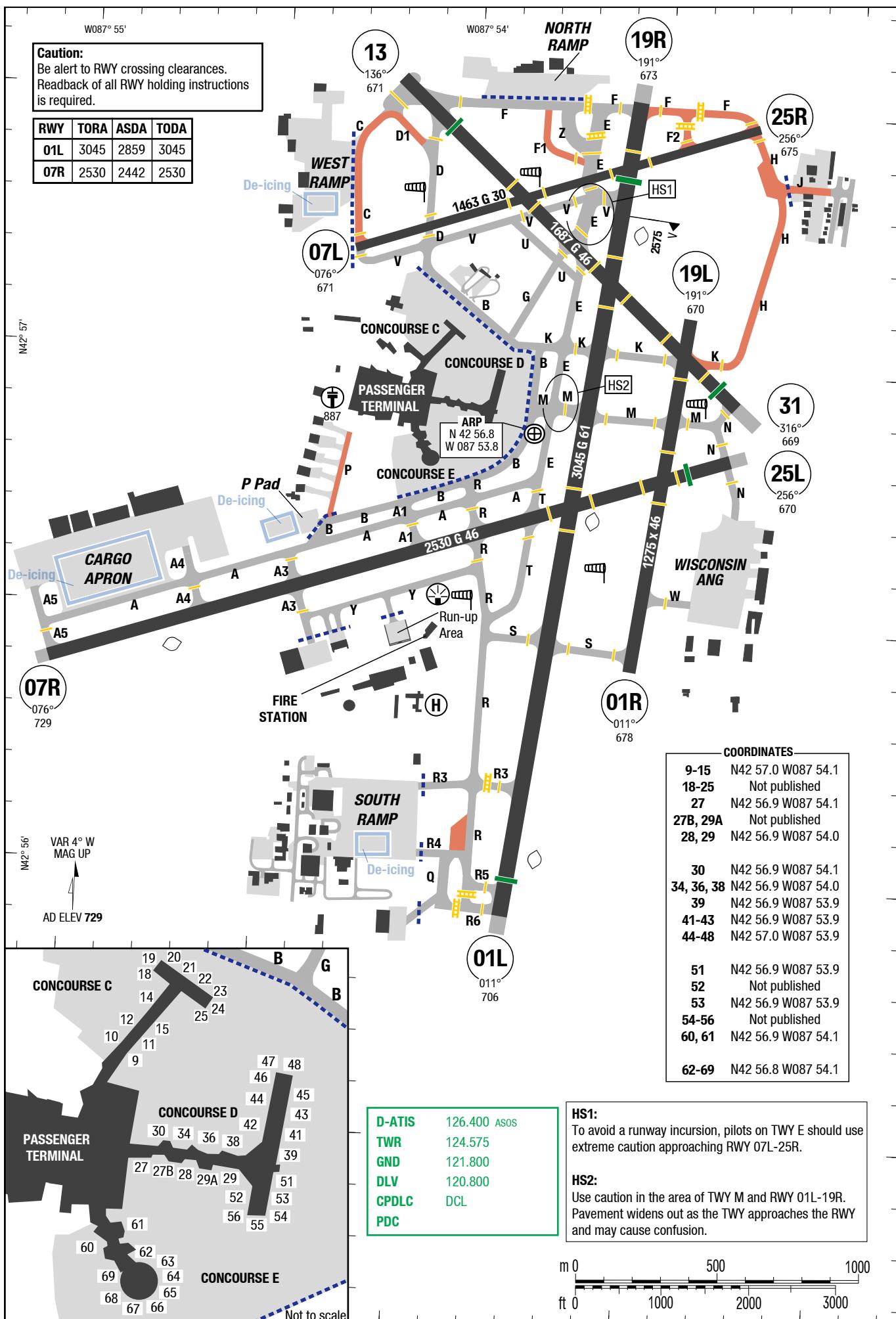
2-20

AFC 2

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Changes: Reprint



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3-20

LVC

LVC

LVC

LVC

RVR 1200ft to 600ft

Changes: Nil

W087° 55'

W087° 54'

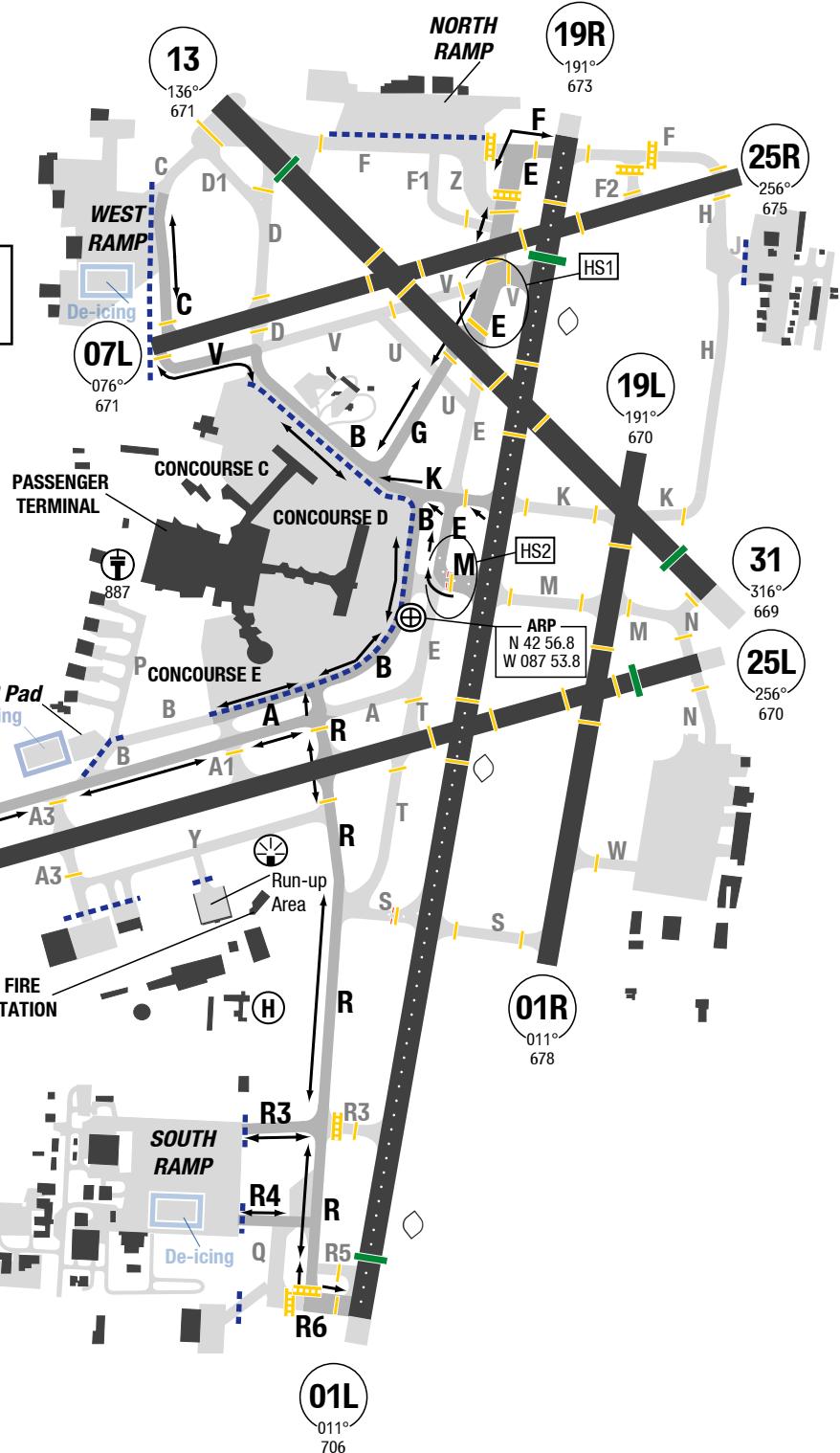
D-ATIS	126.400 ASOS
TWR	124.575
GND	121.800
DLV	120.800
CPDLC	DCL
PDC	

**Caution:**  
Be alert to RWY crossing clearances.  
Readback of all RWY holding instructions  
is required.

N42° 57'

N42° 56'

N42° 55'

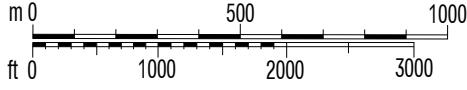
**HS1:**

To avoid a runway incursion, pilots on TWY E should use extreme caution approaching RWY 07L-25R.

**HS2:**

Use caution in the area of TWY M and RWY 01L-19R. Pavement widens out as the TWY approaches the RWY and may cause confusion.

VAR 4° W  
MAG UP  
AD ELEV 729



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UECKR 5 RNAV

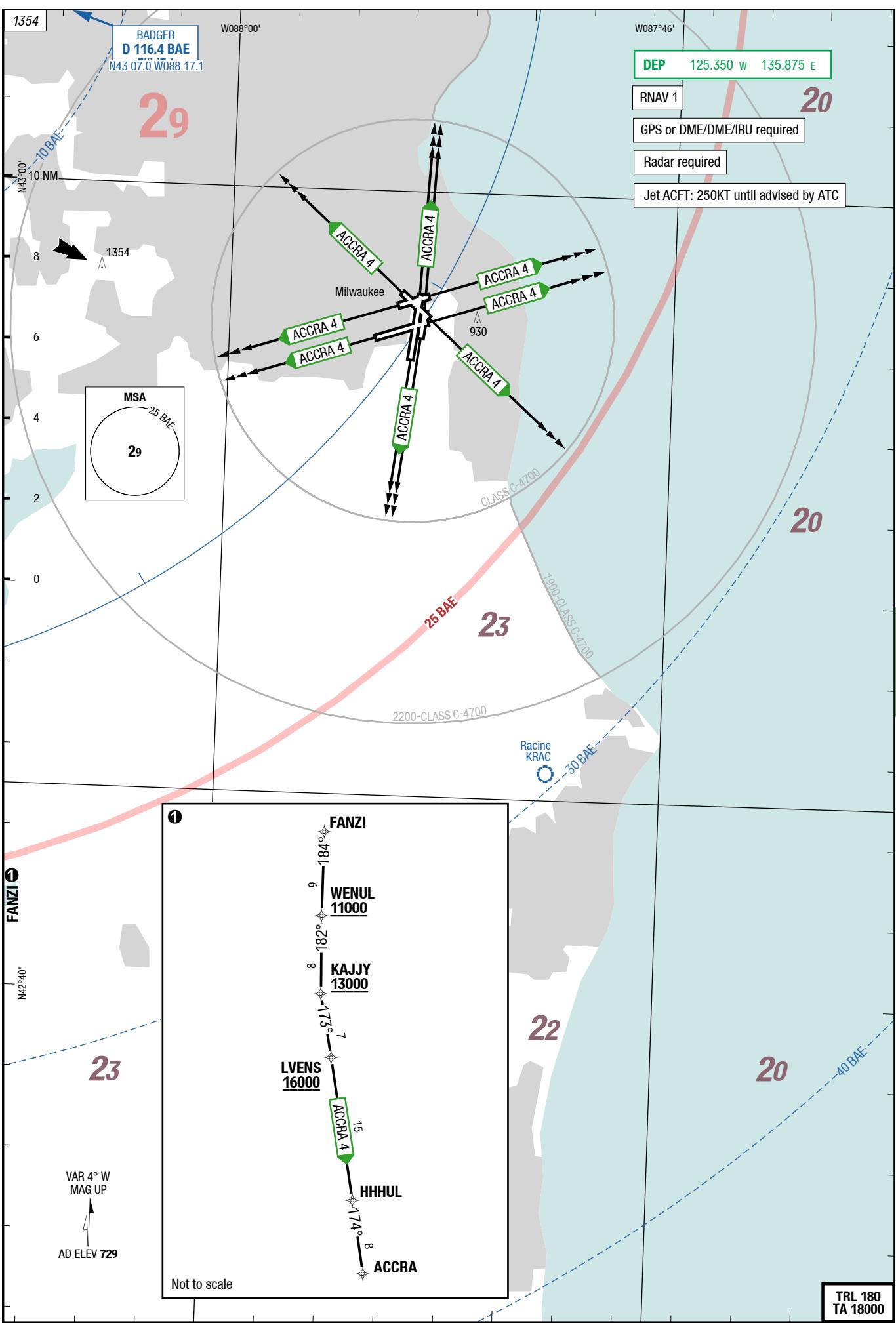
ACCRA 4 RNAV

SID  
SID

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UECKR 5 RNAV

ACCRA 4 RNAV



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MKE-KMKE

4-20

UECKR 5 RNAV

UECKR 5 RNAV

20

**DEP** 125.350 W 135.875 E

RNAV 1

GPS or DME/DME/IRU required

Jet ACFT: 250KT until advised by

**TRL 180  
TA 18000**

Page 1

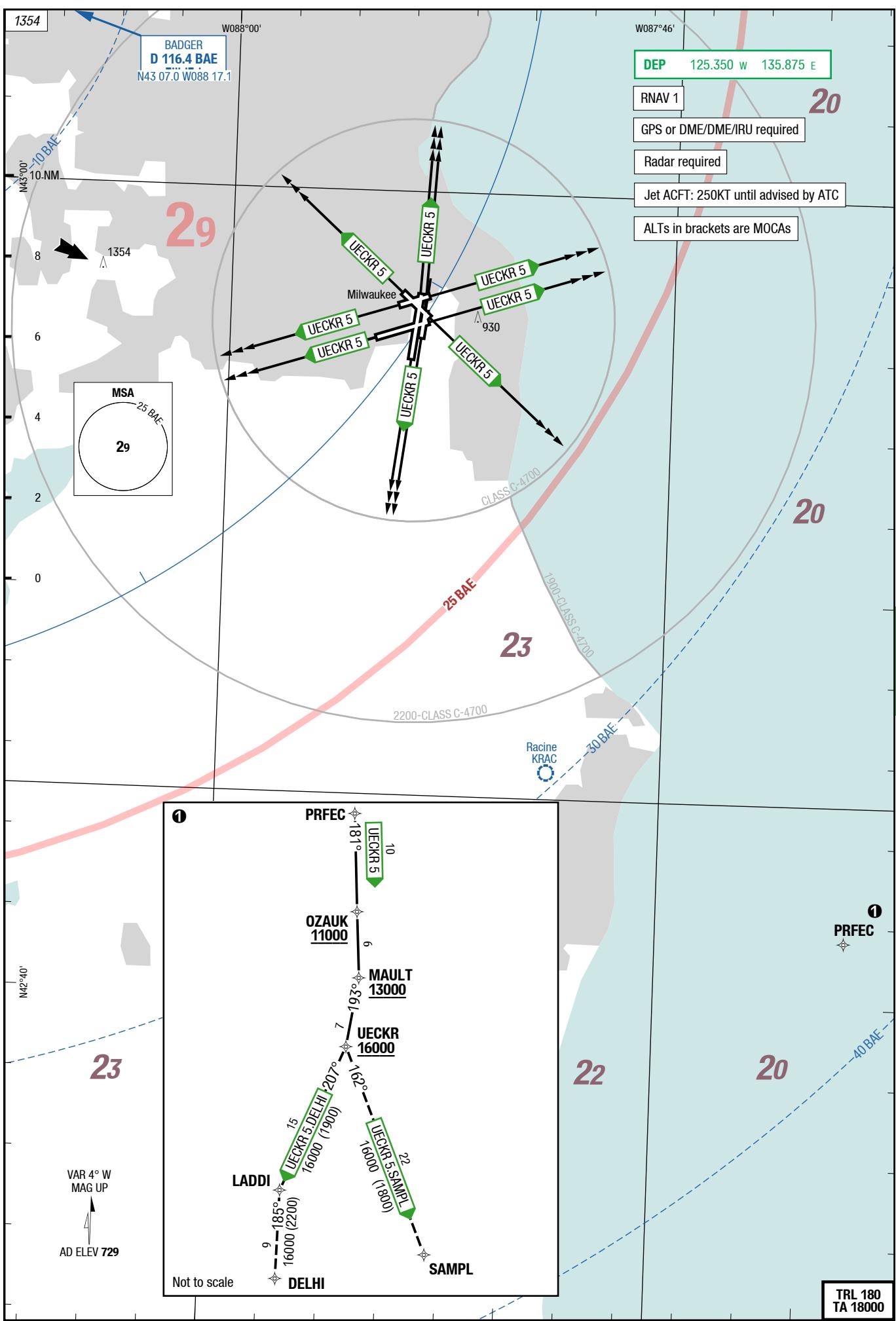
20

PRFEC  
1

23

Not to scale

Changes: PROC renumbered, Note



Effective 19-JUL-2018

12-JUL-2018

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SID

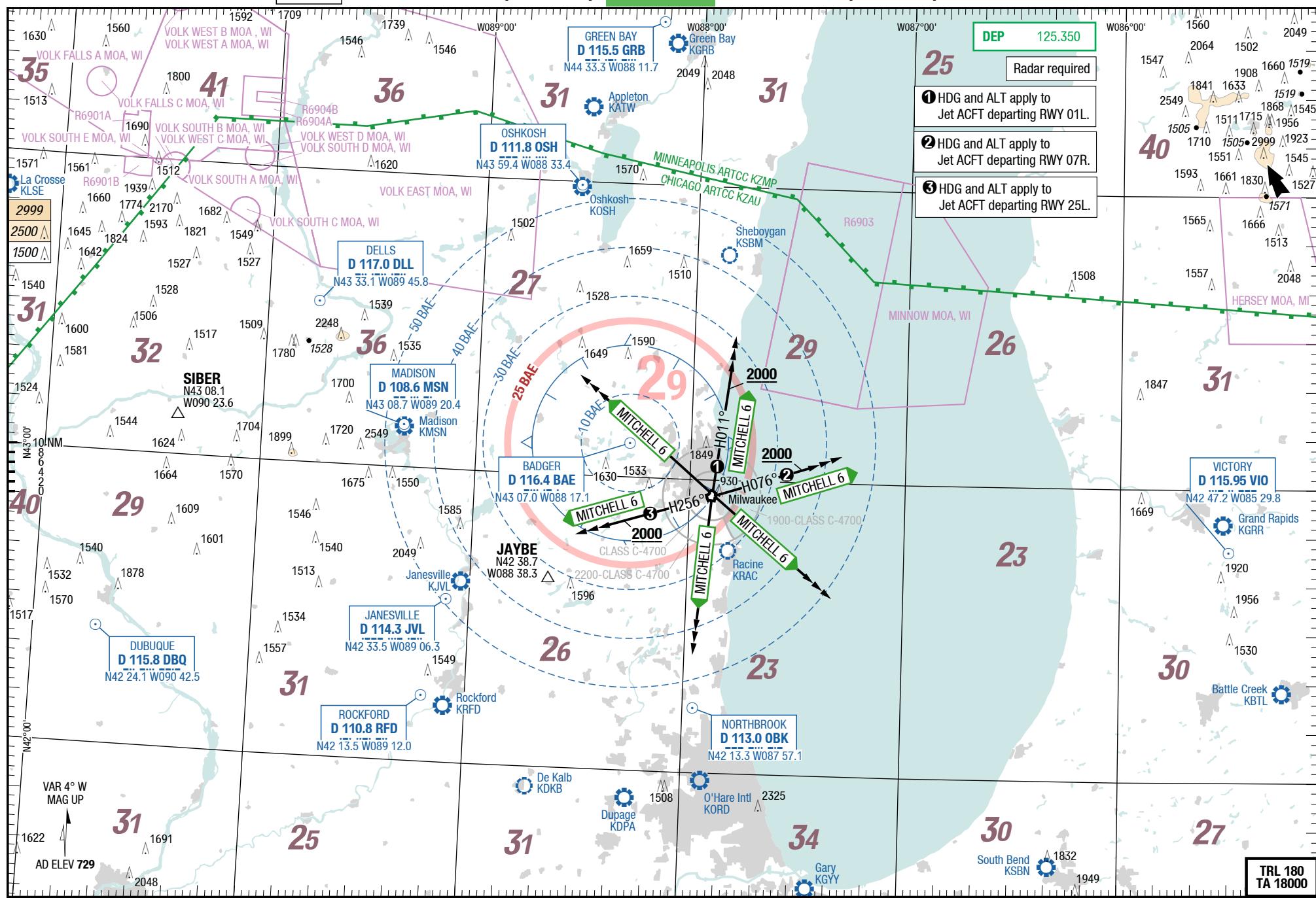
SID

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MITCHELL 6 (MITCH 6)

4-30



Changes: PROC, NAVAID, OBST, Note, PROC renumbered

**MKE-KMKE****5-10****ACCRA 4 RNAV**

SIDP

**ACCRA 4**

RWYs 01L/R (011°) / 07L/R (076°) / 13 (136°) / 19L/R (191°) / 25L/R (256°) / 31 (316°)

DESIGNATOR	ROUTING	ALTITUDES
<b>ACCRA 4</b>		WENUL MNM 11000
<b>135.875 (E)</b>		KAJJY MNM 13000
<b>125.350 (W)</b>		LVENS MNM 16000
①②		Initial climb by ATC
<b>RWYs 01L/01R</b>	H011° expect VECTORS - DCT FANZI - WENUL - KAJJY - LVENS - HHHUL - ACCRA	
<b>RWYs 07L/07R</b>	H076° expect VECTORS - DCT FANZI - WENUL - KAJJY - LVENS - HHHUL - ACCRA	
<b>RWY 13</b>	H136° expect VECTORS - DCT FANZI - WENUL - KAJJY - LVENS - HHHUL - ACCRA	
<b>RWYs 19L/19R</b>	H191° expect VECTORS - DCT FANZI - WENUL - KAJJY - LVENS - HHHUL - ACCRA	
<b>RWYs 25L/25R</b>	H256° expect VECTORS - DCT FANZI - WENUL - KAJJY - LVENS - HHHUL - ACCRA	
<b>RWY 31</b>	H316° expect VECTORS - DCT FANZI - WENUL - KAJJY - LVENS - HHHUL - ACCRA	

- ① Advise ATC if unable to comply with crossing restrictions  
 ② Expect filed altitude 10 minutes after departure

MKE-KMKE

5-20

UECKR 5 RNAV

SIDPT

## UECKR 5

RWYs 01L/R (011°) / 07L/R (076°) / 13 (136°) / 19L/R (191°) / 25L/R (256°) / 31 (316°)

DESIGNATOR	ROUTING	ALTITUDES
<b>UECKR 5</b>		OZAUK MNM <b>11000</b>
<b>135.875 (E)</b>		MAULT MNM <b>13000</b>
<b>125.350 (W)</b>		UECKR MNM <b>16000</b>
①②		Initial climb by ATC
<b>RWYs 01L/01R</b>	H011° expect VECTORS - DCT PRFEC - OZAUK - MAULT - UECKR	
<b>RWYs 07L/07R</b>	H076° expect VECTORS - DCT PRFEC - OZAUK - MAULT - UECKR	
<b>RWY 13</b>	H136° expect VECTORS - DCT PRFEC - OZAUK - MAULT - UECKR	
<b>RWYs 19L/19R</b>	H191° expect VECTORS - DCT PRFEC - OZAUK - MAULT - UECKR	
<b>RWYs 25L/25R</b>	H256° expect VECTORS - DCT PRFEC - OZAUK - MAULT - UECKR	
<b>RWY 31</b>	H316° expect VECTORS - DCT PRFEC - OZAUK - MAULT - UECKR	
<b>TRANSITION</b>		
<b>DELHI</b> UECKR - LADDI - DELHI		UECKR MNM <b>16000</b>
<b>SAMPL</b> UECKR - SAMPL		UECKR MNM <b>16000</b>

- ① Notify ATC if unable to comply with crossing restrictions  
 ② Expect filed altitude 10 minutes after departure

**MKE-KMKE****5-30****MITCHELL 6 (MITCH 6)****MITCHELL 6**

RWYs 01L/R (011°) / 07L/R (076°) / 13 (136°) / 19L/R (191°) / 25L/R (256°) / 31 (316°)

DESIGNATOR	ROUTING	ALTITUDES
<b>MITCHELL 6</b> <b>MITCH 6</b> <b>125.350</b> ①		<b>Initial climb 5000</b>
<b>RWY 01L</b>	Expect radar vectors to join filed/assigned route.  Jet aircraft: HDG 011° - at MNM <b>2000</b> turn to assigned HDG.	
<b>RWY 01R</b>	Expect radar vectors to join filed/assigned route.	
<b>RWY 07L</b>	Expect radar vectors to join filed/assigned route.	
<b>RWY 07R</b>	Expect radar vectors to join filed/assigned route.  Jet aircraft: HDG 076° - at MNM <b>2000</b> turn to assigned HDG.	
<b>RWY 13</b>	Expect radar vectors to join filed/assigned route.	
<b>RWY 19L</b>	Expect radar vectors to join filed/assigned route.	
<b>RWY 19R</b>	Expect radar vectors to join filed/assigned route.  Jet aircraft: Turn to assigned HDG.	
<b>RWY 25L</b>	Expect radar vectors to join filed/assigned route.  Jet aircraft: HDG 256° - at MNM <b>2000</b> turn to assigned HDG.	
<b>RWY 25R</b>	Expect radar vectors to join filed/assigned route.	
<b>RWY 31</b>	Expect radar vectors to join filed/assigned route.	

① Expect clearance to requested altitude/flight level 10 minutes after departure.

MKE-KMKE

5-50

Obstacle Departure 1

SIDPT

## Obstacle Departure

RWY	Notes
01L	Fence 148ft from DER, left and right of centerline, up to 10ft AGL/678ft MSL. Pole 575ft from DER, 594ft left of centerline, 18ft AGL/689ft MSL. Pole 1859ft from DER, 912ft right of centerline, 18ft AGL/734ft MSL. Antenna 1928ft from DER, 1ft right of centerline, 15ft AGL/727ft MSL. Terrain beginning 1671ft from DER, 751ft left of centerline, up to 726ft MSL. Tower and poles beginning 2284ft from DER, 463ft right of centerline, up to 31ft AGL/750ft MSL. Trees beginning 2492ft from DER, 901ft left of centerline, up to 59ft AGL/780ft MSL. Trees 3256ft from DER, 445ft left of centerline, up to 68ft AGL/769ft MSL. Trees beginning 3697ft from DER, 154ft right of centerline, up to 84ft AGL/776ft MSL.
01R	Terrain 11ft from DER, left and right of centerline, 673ft MSL. Rod 581ft from DER, 600ft left of centerline, 48ft AGL/719ft MSL. Tree 4336ft from DER, 462ft right of centerline, 64ft AGL/795ft MSL.
07L	Terrain beginning 177ft from DER, 145ft right of centerline, 683ft MSL. Terrain beginning 61ft from DER, 143ft left of centerline, 686ft MSL. Building 319ft from DER, 456ft right of centerline, 25ft AGL/696 ft MSL. Poles beginning 1727ft from DER, 48ft left of centerline, up to 60ft AGL/751ft MSL. Trees beginning 1407ft from DER, 458ft left of centerline, up to 93ft AGL/822ft MSL. Tree 3817ft from DER, 176ft right of centerline, 84ft AGL/785ft MSL.
07R	Lights, signs, and terrain beginning 23ft from DER, 85ft let of centerline, up to 2ft AGL/672ft MSL. Poles and railroad 708ft from DER, left and right of centerline, up to 23ft AGL/711ft MSL. Trees beginning 2194ft from DER, 250ft left of centerline, up to 71ft AGL/742ft MSL. Trees beginning 2244ft from DER, 124ft right of centerline , up to 93ft AGL/764ft MSL. Stack 1.2NM from DER, 2099ft right of centerline, 215ft AGL/930ft MSL. Stack 1.3NM from DER, 1166ft left of centerline, 180ft AGL/891ft MSL.
13	Terrain 19ft from DER, 223ft left of centerline, 673ft MSL. Terrain 59ft from DER, 152ft right of centerline, 673ft MSL. Poles, trees, and railroad beginning 966ft from DER, 208ft left of centerline, up to 40ft AGL/711ft MSL. Poles, trees, and railroad 1172ft from DER, 7ft right of centerline, up to 46ft AGL/717ft MSL. Trees beginning 2172ft from DER, 208ft left of centerline up to 79ft AGL/750ft MSL. Tree 2227ft from DER, 1035ft left of centerline, 79ft AGL/750ft MSL.
19L	Tower 1837ft from DER, 559ft right of centerline, 71ft AGL/749ft MSL.
19R	Terrain beginning 174ft from DER, left and right of centerline, up to 712ft MSL.
25L	Antenna 217ft from DER, 300ft right of centerline, 14ft AGL/735ft MSL. Tree 2679ft from DER, 305ft right on centerline, 68ft AGL/799ft MSL. Antenna and tree 2790ft from DER, 1200ft right of centerline, up to 71ft AGL/820ft MSL.

**MKE-KMKE**

**5-60**

**Obstacle Departure 2**

SIDPT

**Obstacle Departure**

<b>RWY</b>	<b>Notes</b>
<b>25R</b>	Pole 604ft from DER, 366ft left of centerline, 38ft AGL/709ft MSL. Hangar 625ft from DER, 363ft right of centerline, 31ft AGL/702ft MSL. Tree 1297ft from DER, 187ft left of centerline, 45ft AGL/716ft MSL. Pole 1605ft from DER, 301ft right of centerline, 49ft AGL/720ft MSL.
<b>31</b>	Terrain 31ft from DER, 70ft right of centerline, 676ft MSL. Fence 197ft from DER, left and right of centerline, up to 10ft AGL/681ft MSL. Sign 219ft from DER, 450ft right of centerline, 51ft AGL/730ft MSL. Poles 265ft from DER, left and right of centerline, up to 25ft AGL/706ft MSL. Trees beginning 1362ft from DER, 390ft left of centerline, up to 52ft AGL/731ft MSL. Trees and pole beginning 1351ft from DER, 341ft right of centerline, up to 69ft AGL/758ft MSL. Trees and pole beginning 2390ft from DER, 345ft right of centerline, up to 56ft AGL/775ft MSL. Tank 1.1NM from DER, 742ft right of centerline, 167ft AGL/885ft MSL. Transmission tower 4854ft from DER, 1622ft right of centerline, 81ft AGL/802ft MSL.

Effective 01-FEB-2018

25-JAN-2018

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NIL

STAR

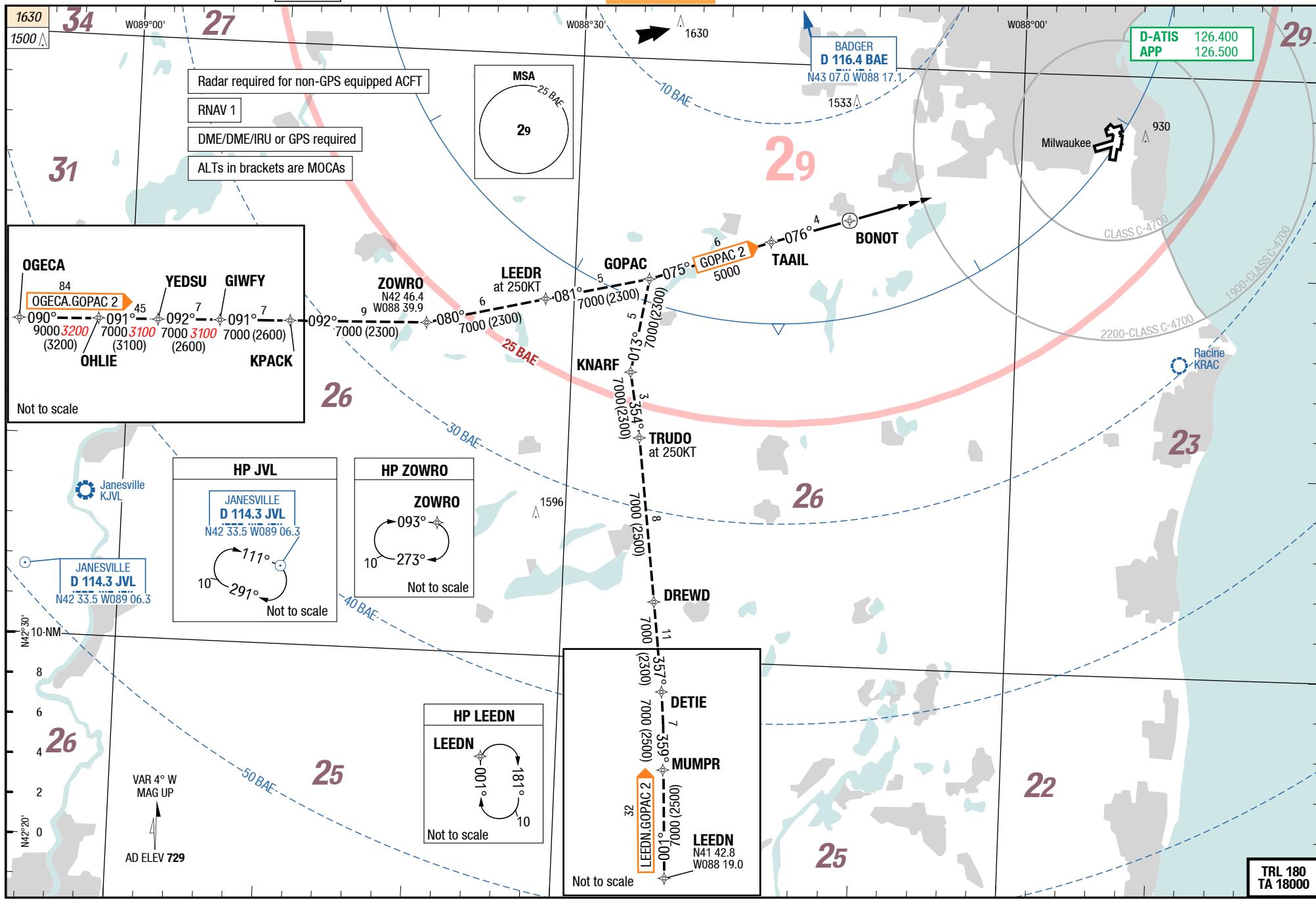
STAR

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NIL

GOPAC 2 RNAV

6-10



Changes: Track, VAR

Effective 13-SEP-2018

06-SEP-2018

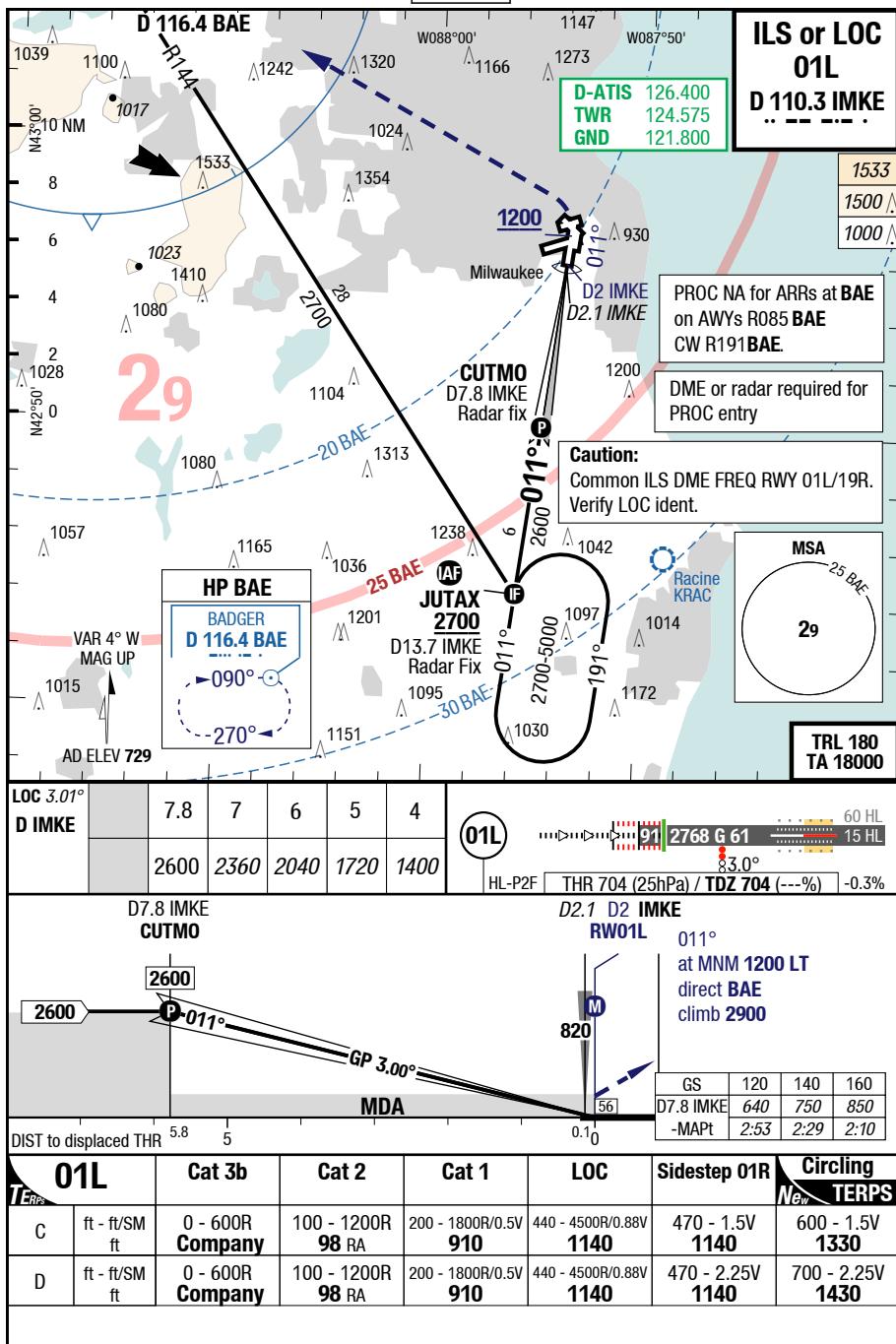
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IAC

## MKE-KMKE

7-10

## ILS or LOC 01L



Changes: Completely revised

AMDT 10

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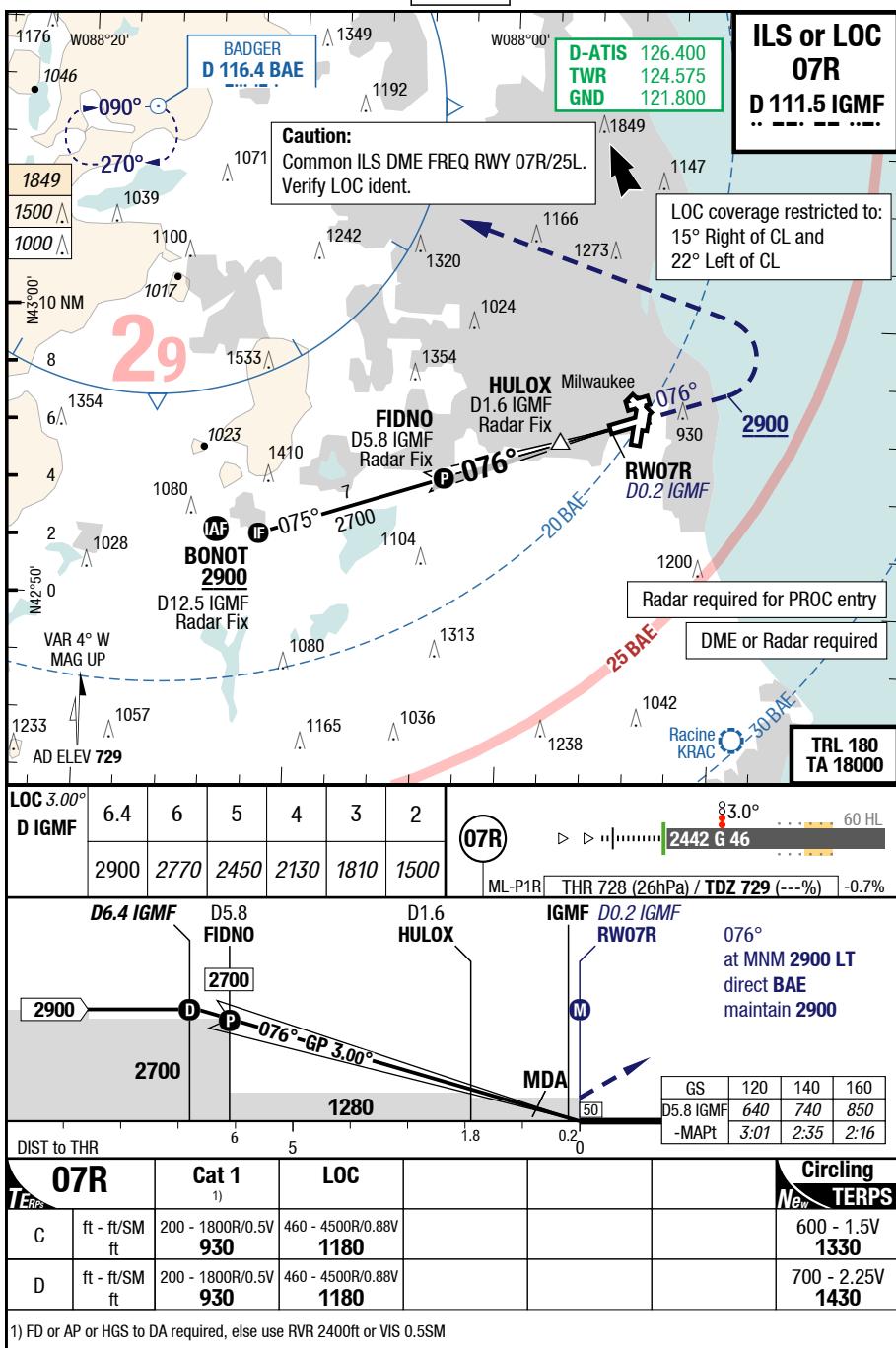
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MKE-KMKE

7-20

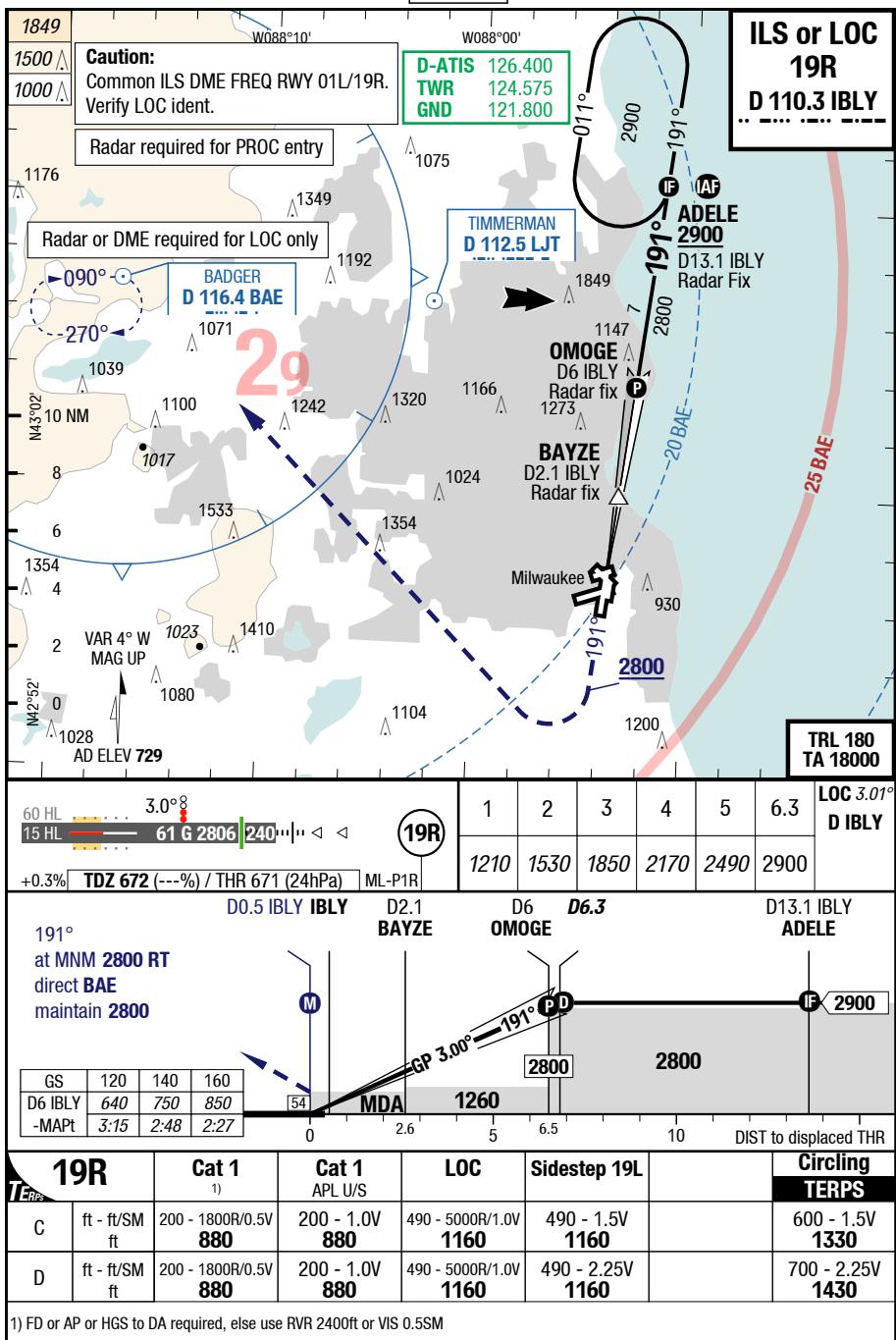
ILS or LOC 07R



## MKE-KMKE

7-30

## ILS or LOC 19R



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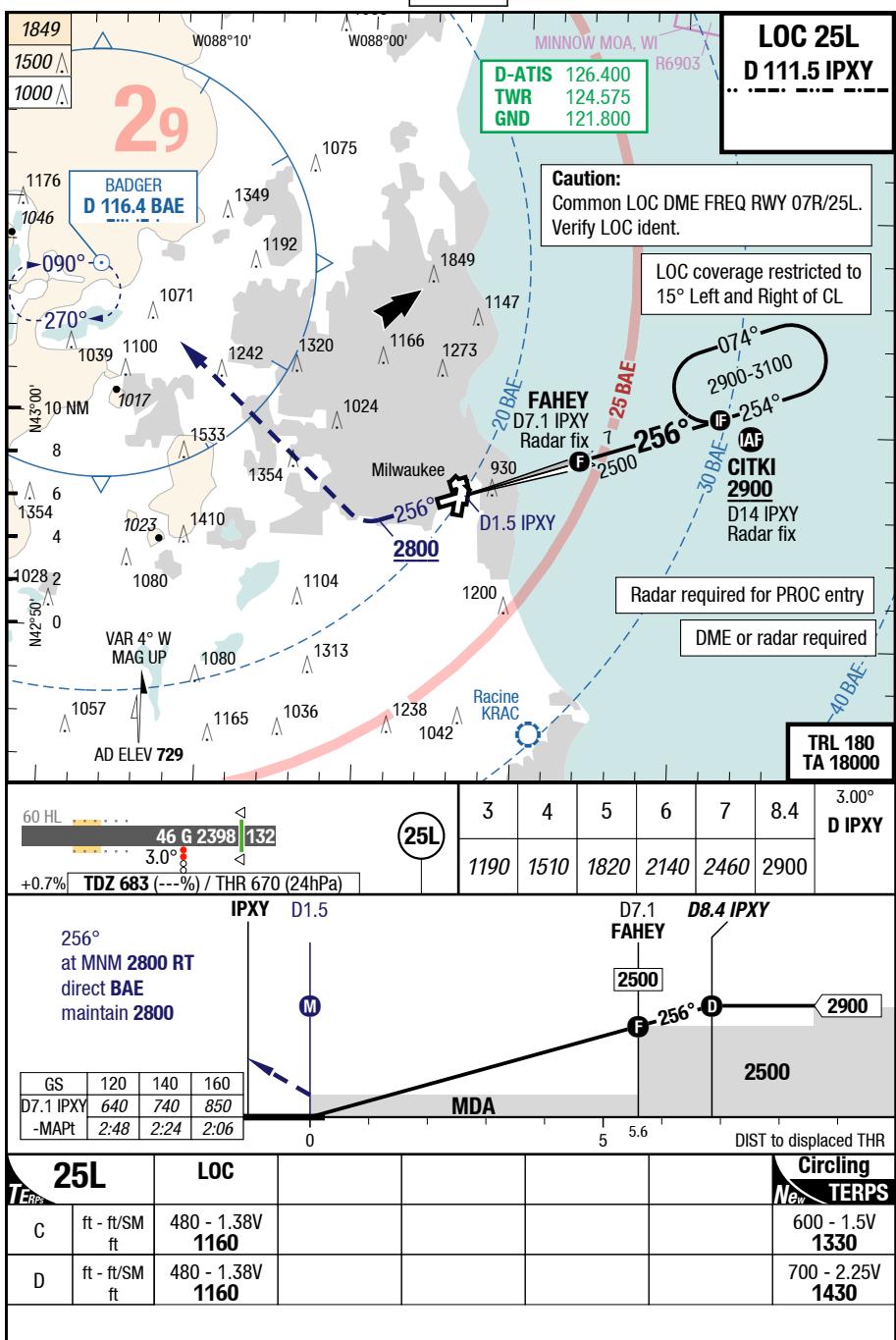
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## MKE-KMKE

7-40

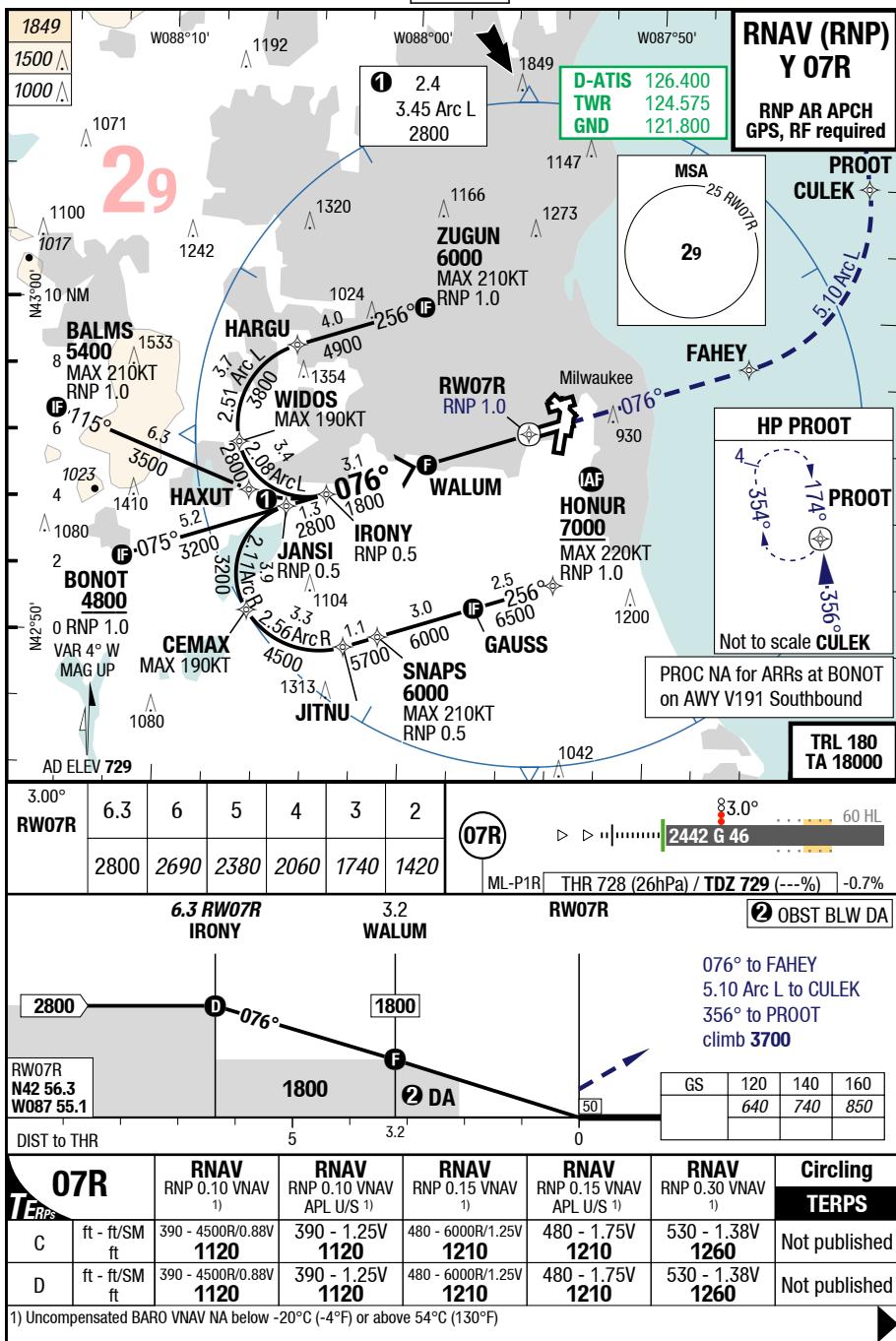
LOC 25L



## MKE-KMKE

7-50

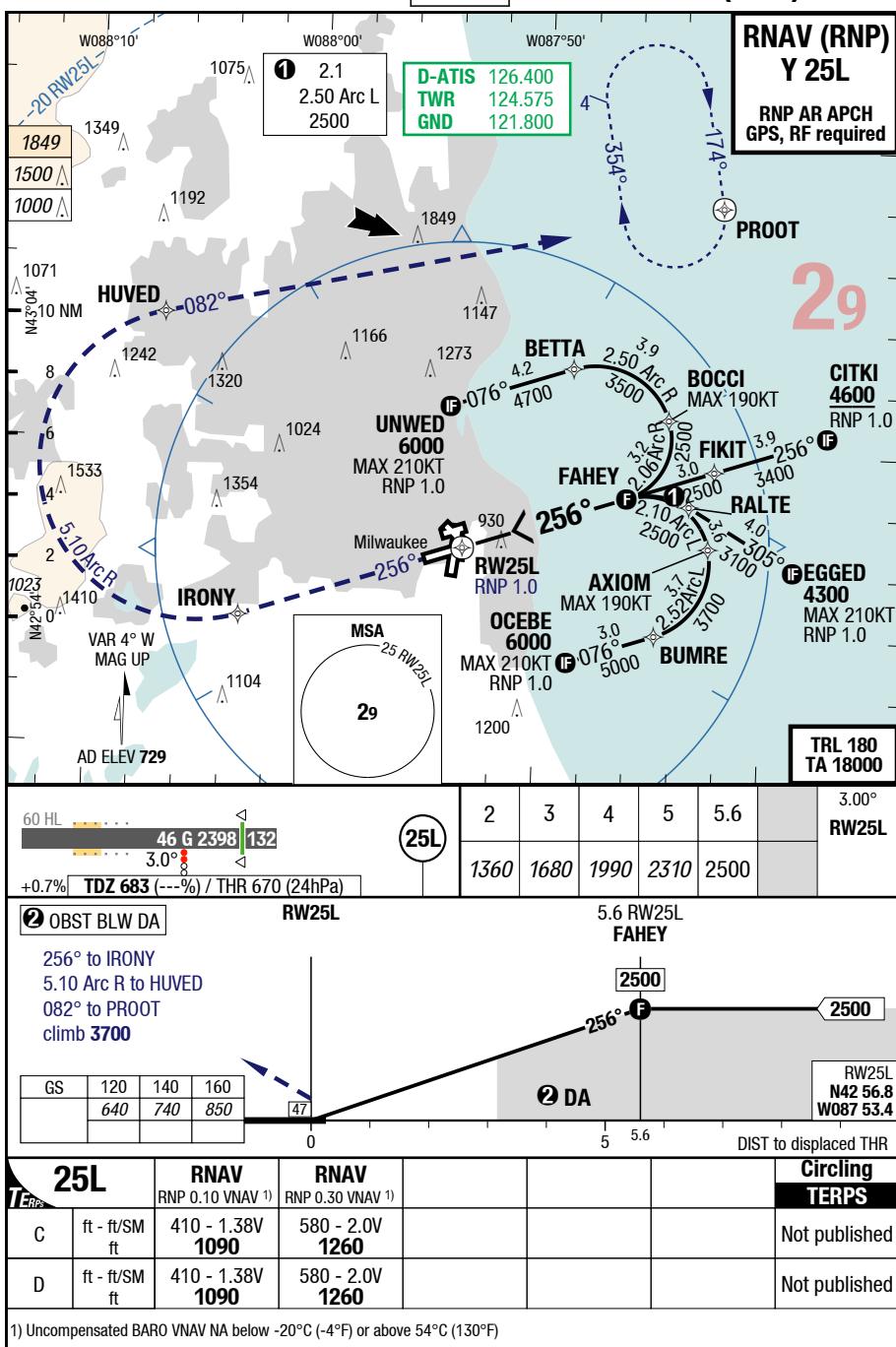
## RNAV (RNP) Y 07R



## MKE-KMKE

7-60

RNAV (RNP) Y 25L



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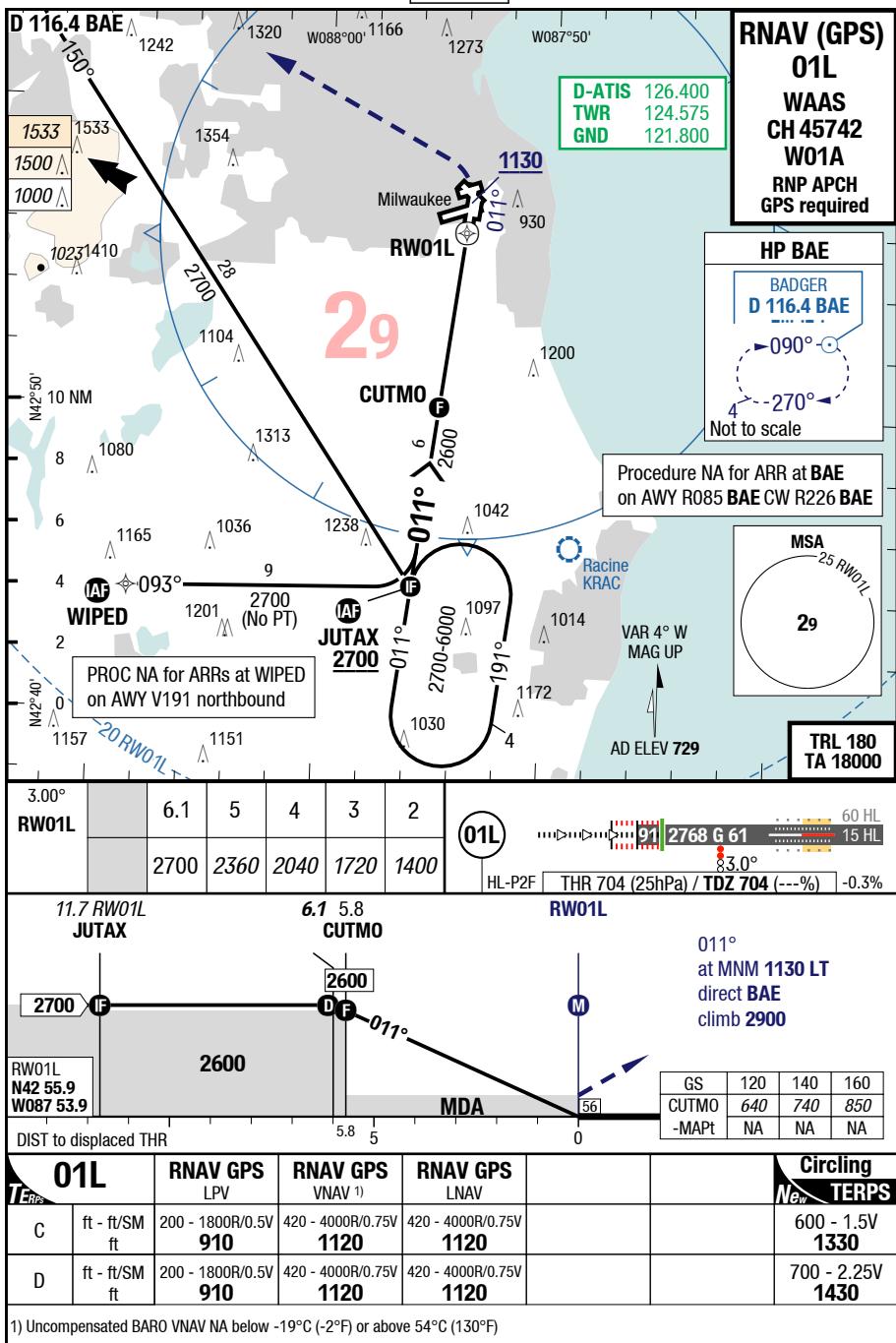
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MKE-KMKE

7-70

RNAV (GPS) 01L

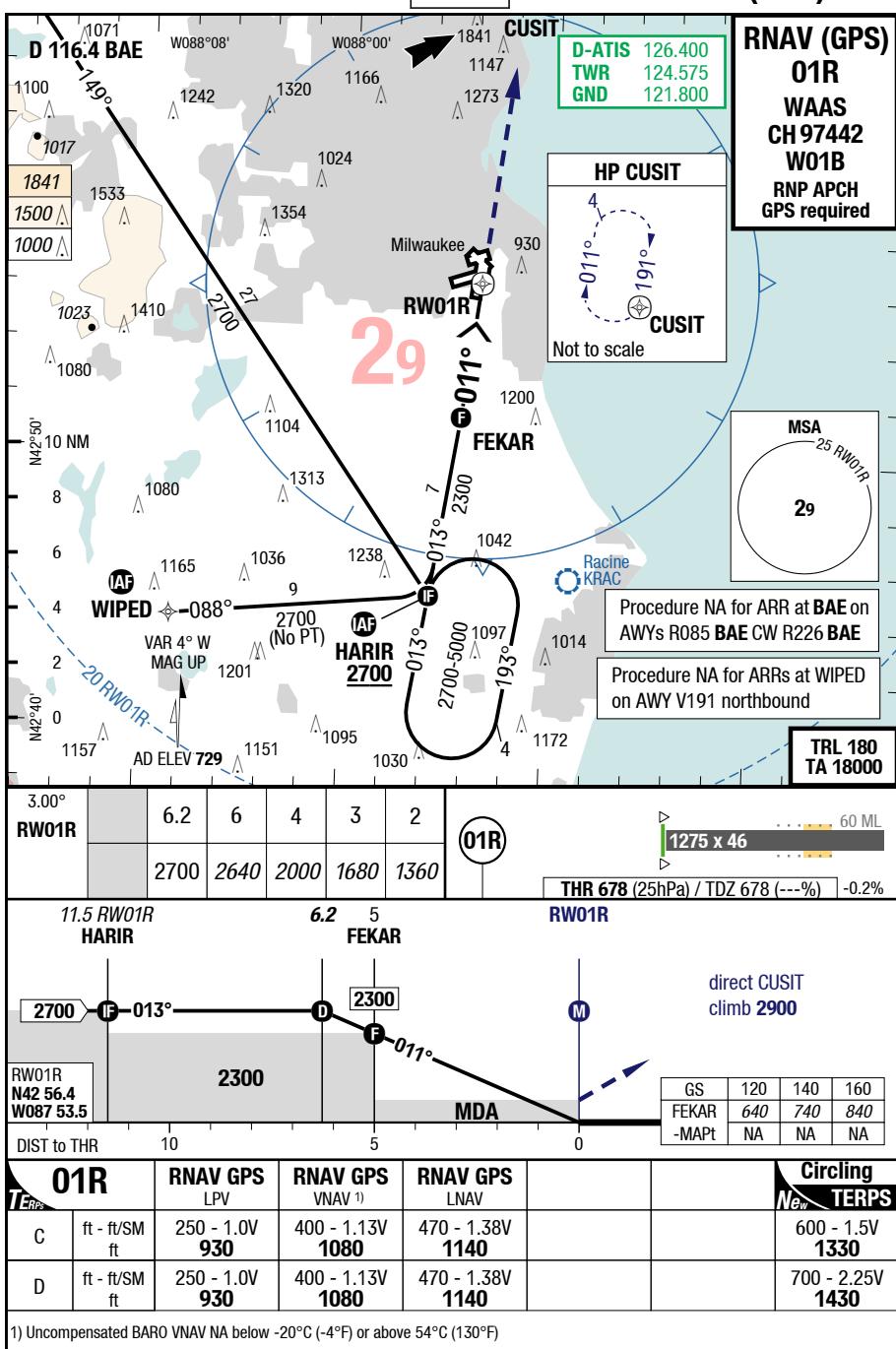
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## MKE-KMKE

7-80

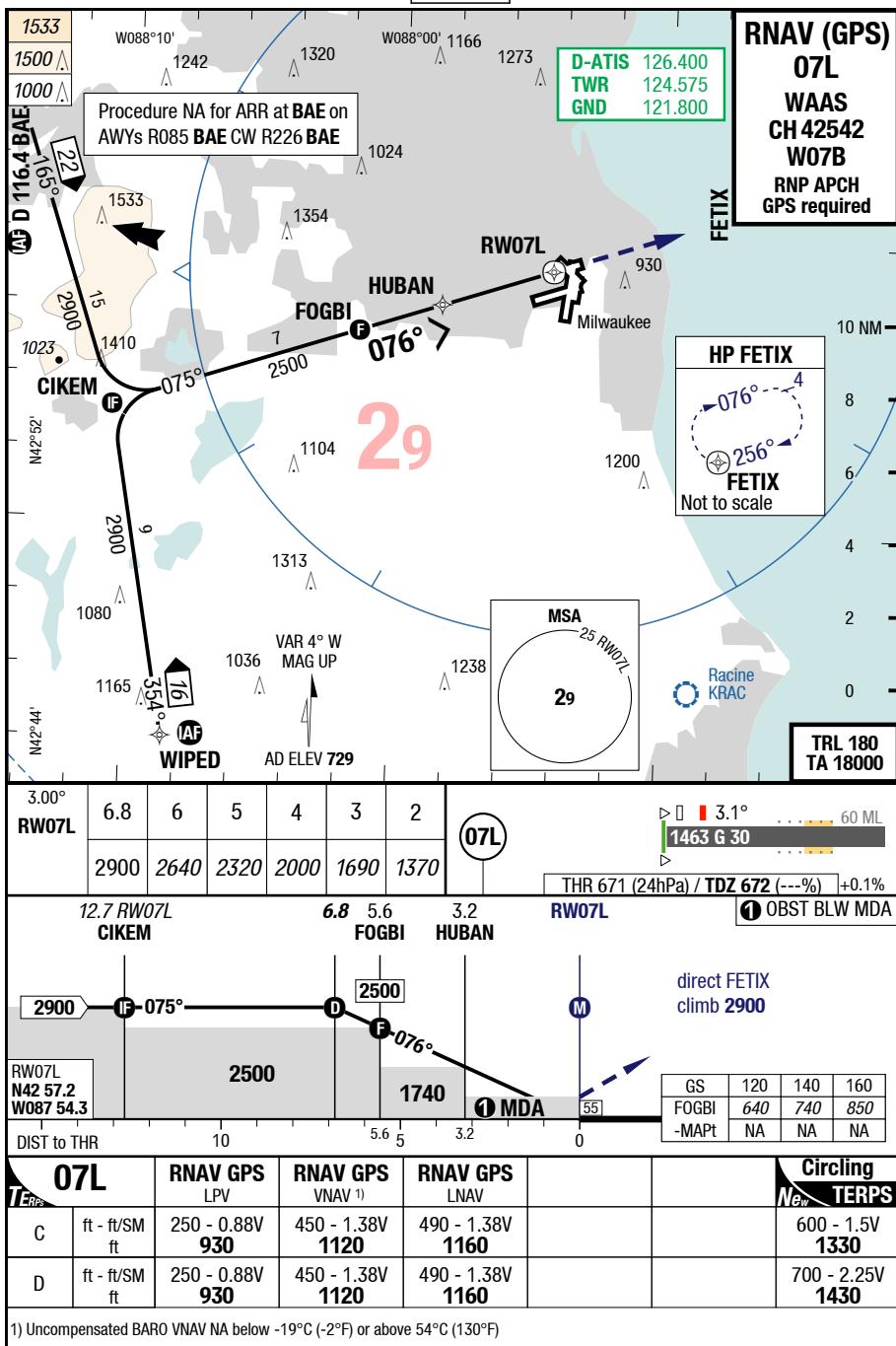
RNAV (GPS) 01R



## MKE-KMKE

7-90

## RNAV (GPS) 07L



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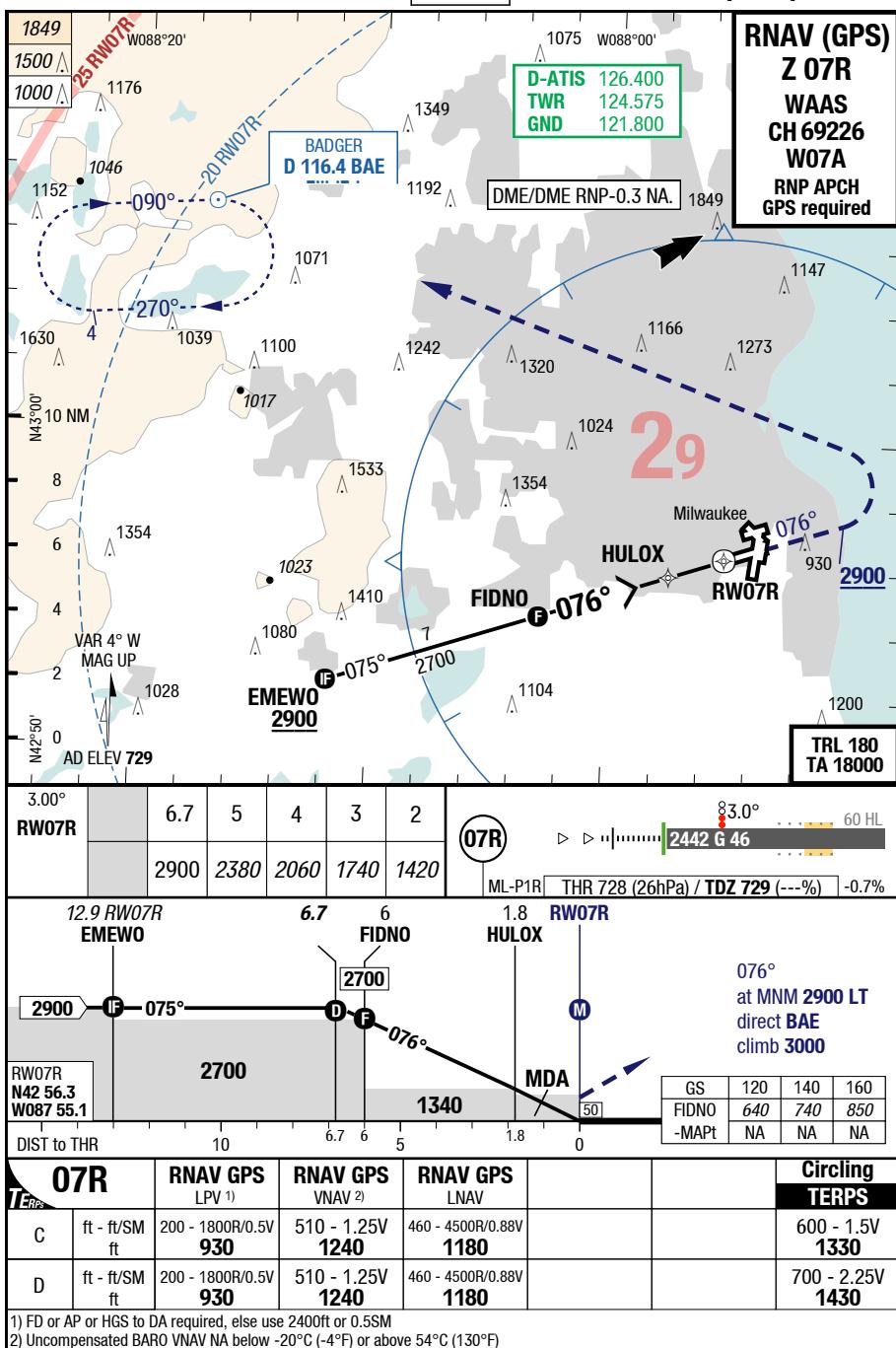
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## MKE-KMKE

7-100

## RNAV (GPS) Z 07R



Changes: Nil

AMDT 1E

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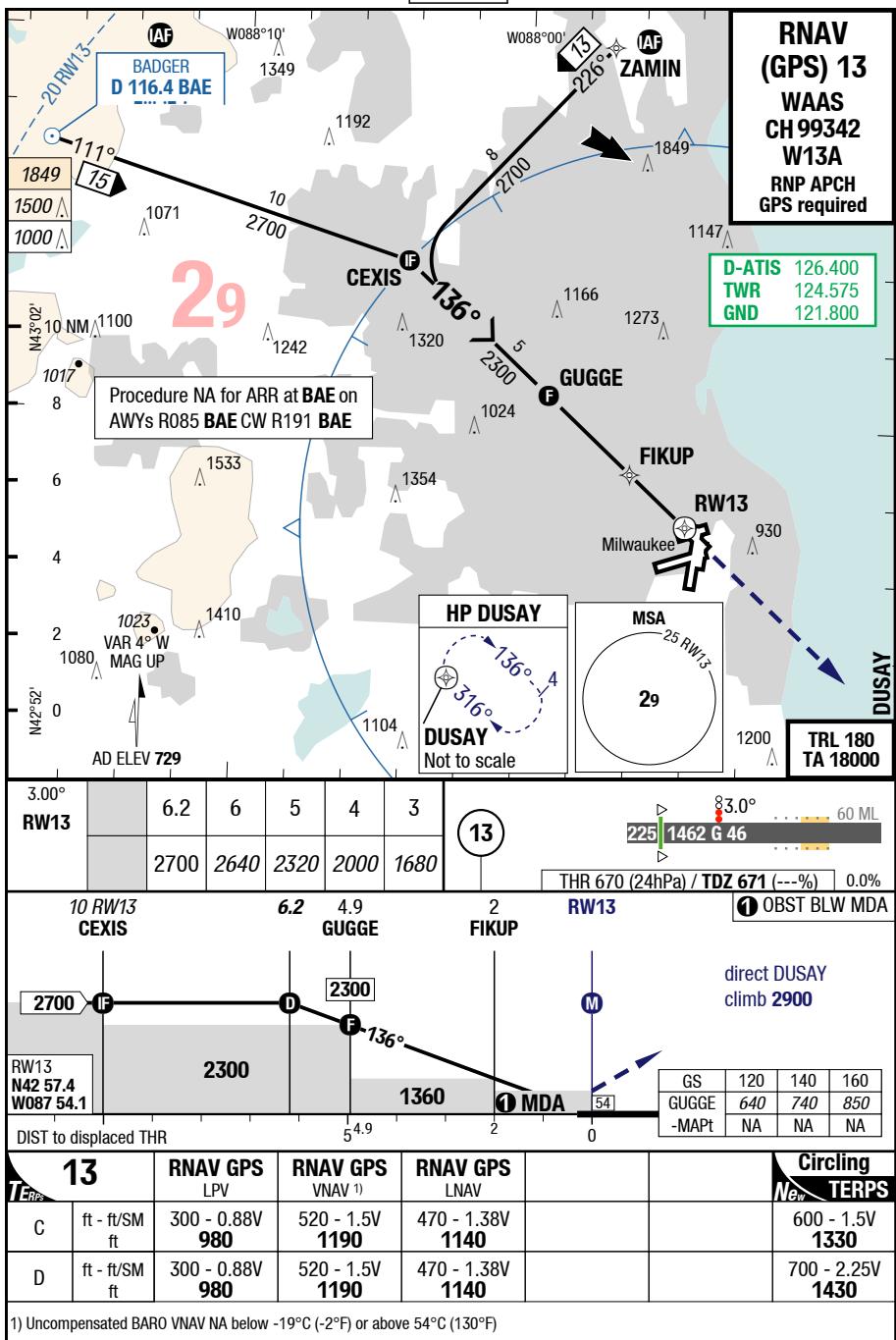
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MKE-KMKE

7-110

RNAV (GPS) 13

IAC



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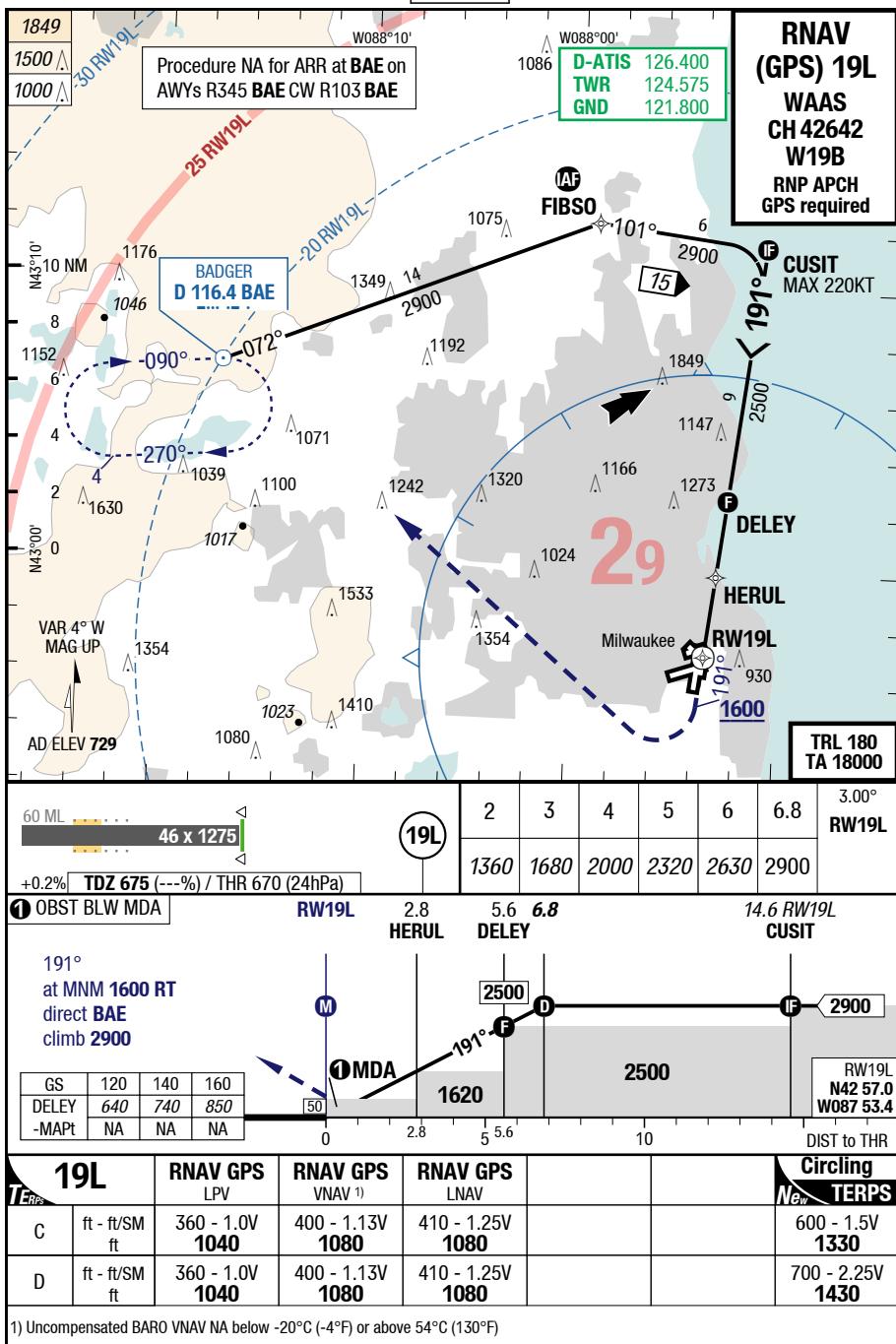
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MKE-KMKE

7-120

RNAV (GPS) 19L

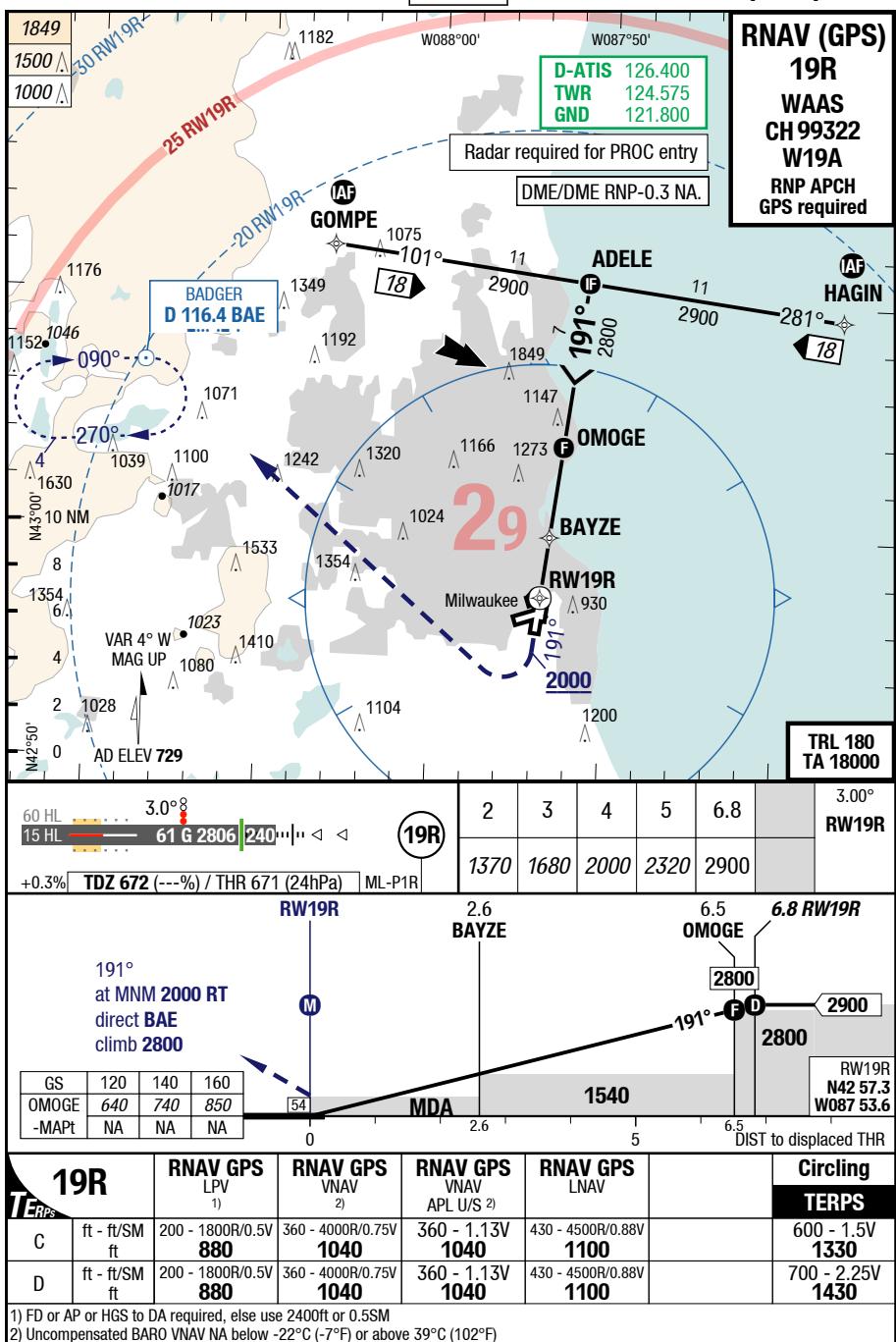
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## MKE-KMKE

7-130

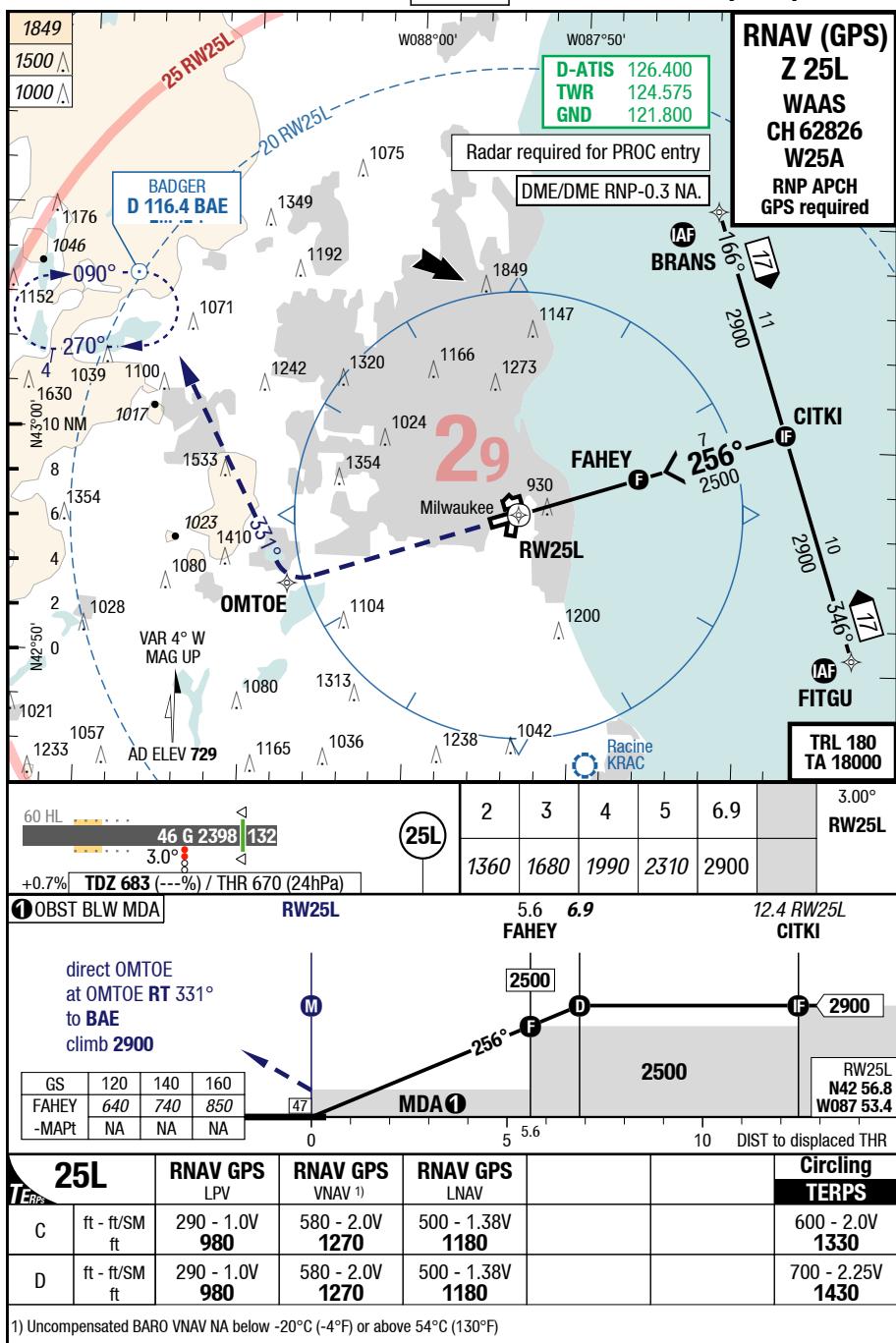
RNAV (GPS) 19R



MKE-KMKE

7-140

**RNAV (GPS) Z 25L**



1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 54°C (130°F)

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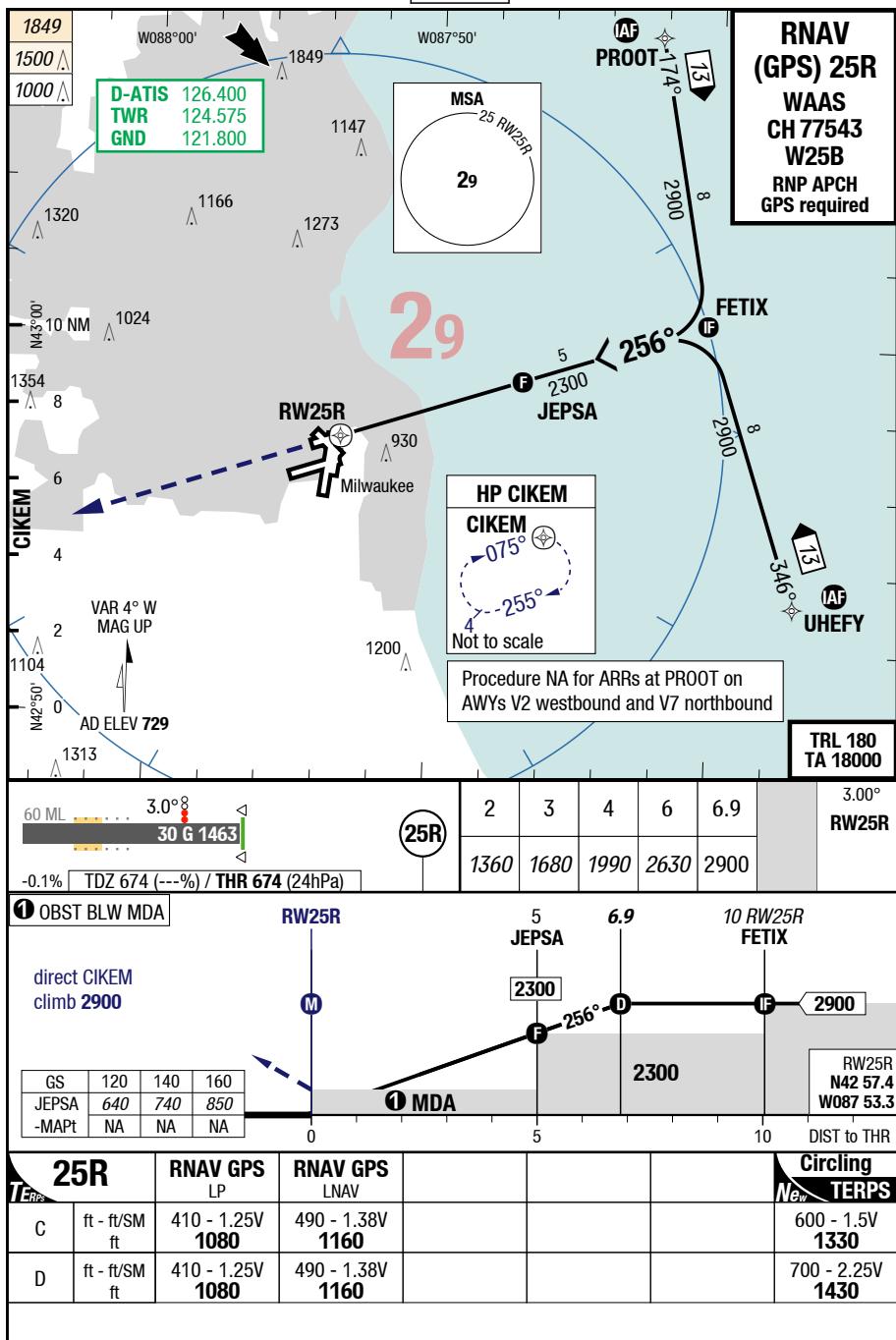
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7-150

RNAV (GPS) 25R



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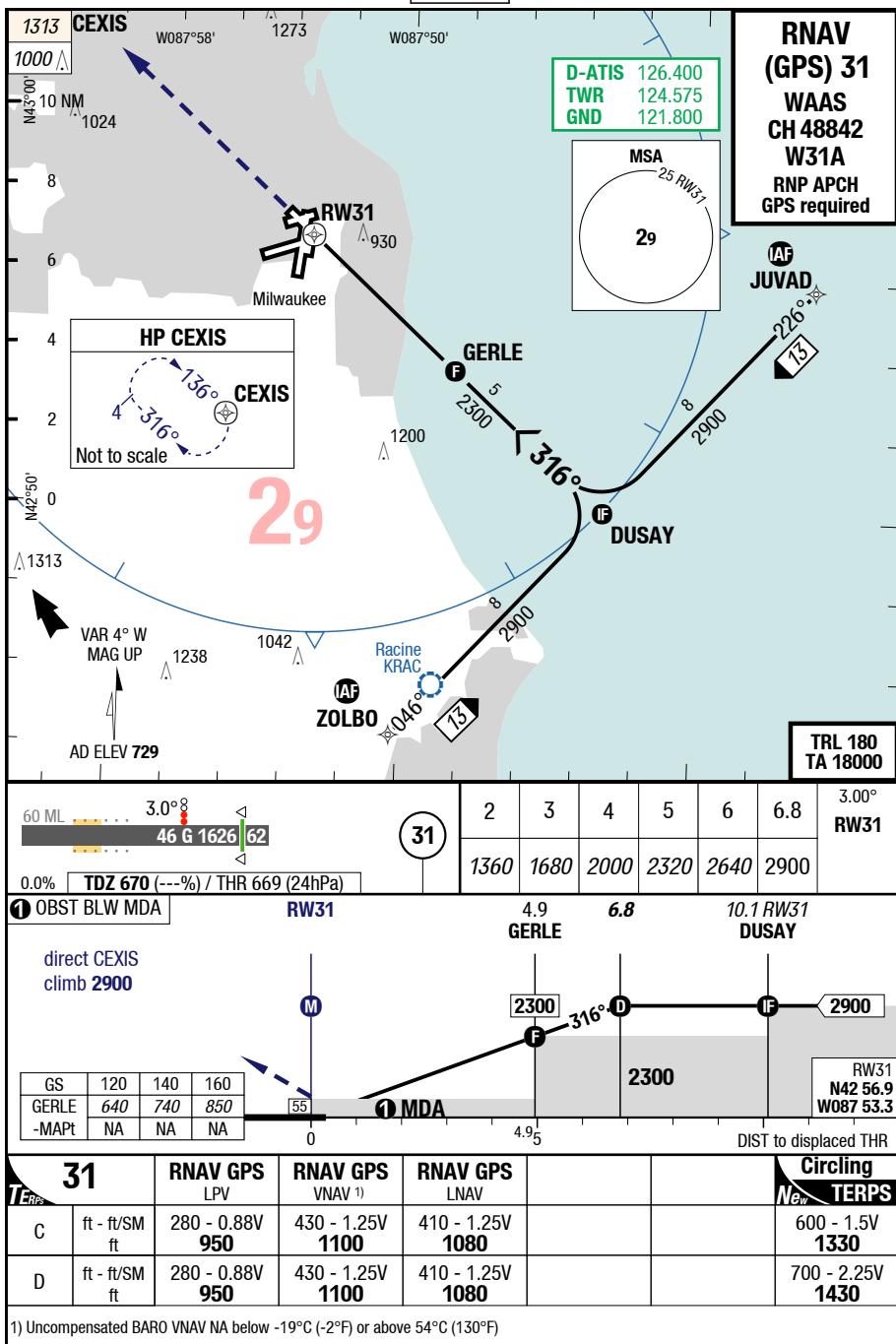
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MKE-KMKE

7-160

RNAV (GPS) 31



MKE-KMKE

7-170

WxMinima Overflow

07R		RNAV RNP 0.30 VNAV APL U/S <sup>1)</sup>					
C	ft - ft/SM ft	530 - 1.75V <b>1260</b>					
D	ft - ft/SM ft	530 - 1.75V <b>1260</b>					

1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 54°C (130°F)