

GENERAL**Operational Hours**

ATS Hours: TWR 1200-0500 \pm , use CTAF outside TWR OPS hours

AD OPS Hours: Attended continuously

Airport Information

RFF: FAA Index C / CAT 7

Fuel: Jet A (AVBL on East or South APN only)

PCN: All RWYs: 95/R/B/W/T

Operation**Traffic Note**

RWY and APCH lights are turned off when TWR CLSD, thereafter activation by CTAF.

Surface Movement Guidance and Control System (SMGCS): This system consists of the provisions for guidance, control or regulation, to safe OPS of ACFT, GND vehicle and personnel on the AD during LVP.

Preferential RWY

LDG RWY 18 and 21.

TKOF RWY 03 and 36.

Low Visibility Procedure

LVP taxi routes in use when RVR between 1200ft to 600ft.

TWY Restrictions

East Ramp MAX wingspan 36m / 118ft.

TWY B2, B6, E, J and K MAX wingspan 35.7m / 117ft.

TWY A hold bays AVBL for ACFT with wingspan below 36m / 118ft.

TWYs F, G AVBL for MIL only.

Taxi/Parking

West ramp uncontrolled, push-back is at pilots discretion.

Noise Abatement Procedure

NAP in effect contact AD authority.

Engine Run-up Area

ENG run-ups restricted to north HLDG bay only.

Warnings

MSN DME unusable:

R010-R070 beyond 20NM below 4500ft.

Arresting Gear System: RWY 18, RWY 36 and RWY 21 BAK14 arresting cable for MIL use only and retracted when not in use.

RWY 18 and RWY 14 APCH ends are closely aligned. Verify correct RWY and compass HDG prior to DEP.

Avoid overflying of Yahara river in vicinity of AD below 2000ft.

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR United States.**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, other than RWY or TWY marked with (*).

LDG RWY	Hold Short Point (HSP)	Distance
RWY 03	RWY 14/32	960m / 3150ft
RWY 18	RWY 03/21	1463m / 4800ft
RWY 21	RWY 18/36	1966m / 6450ft
RWY 32	RWY 18/36	1615m / 5300ft
RWY 36	RWY 14/32	2149m / 7050ft

Non-standard GP intercept position on RWY 36

GP intercepts RWY 36 at 337m / 1107ft after landing threshold.

Remaining LDG DIST beyond GP is 2103m / 6899ft.

DEPARTURE**Take-off Minima**

RWY		18/36	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-
RWY		21, 14/32	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-
RWY		03	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 3.5% up to 1200
3+4 ENG		0 - 0.5V	

Speed

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR United States.

05-JAN-2017

MSN-KMSN

United States Madison Dane County Rgnl-Truax Fld

2-10

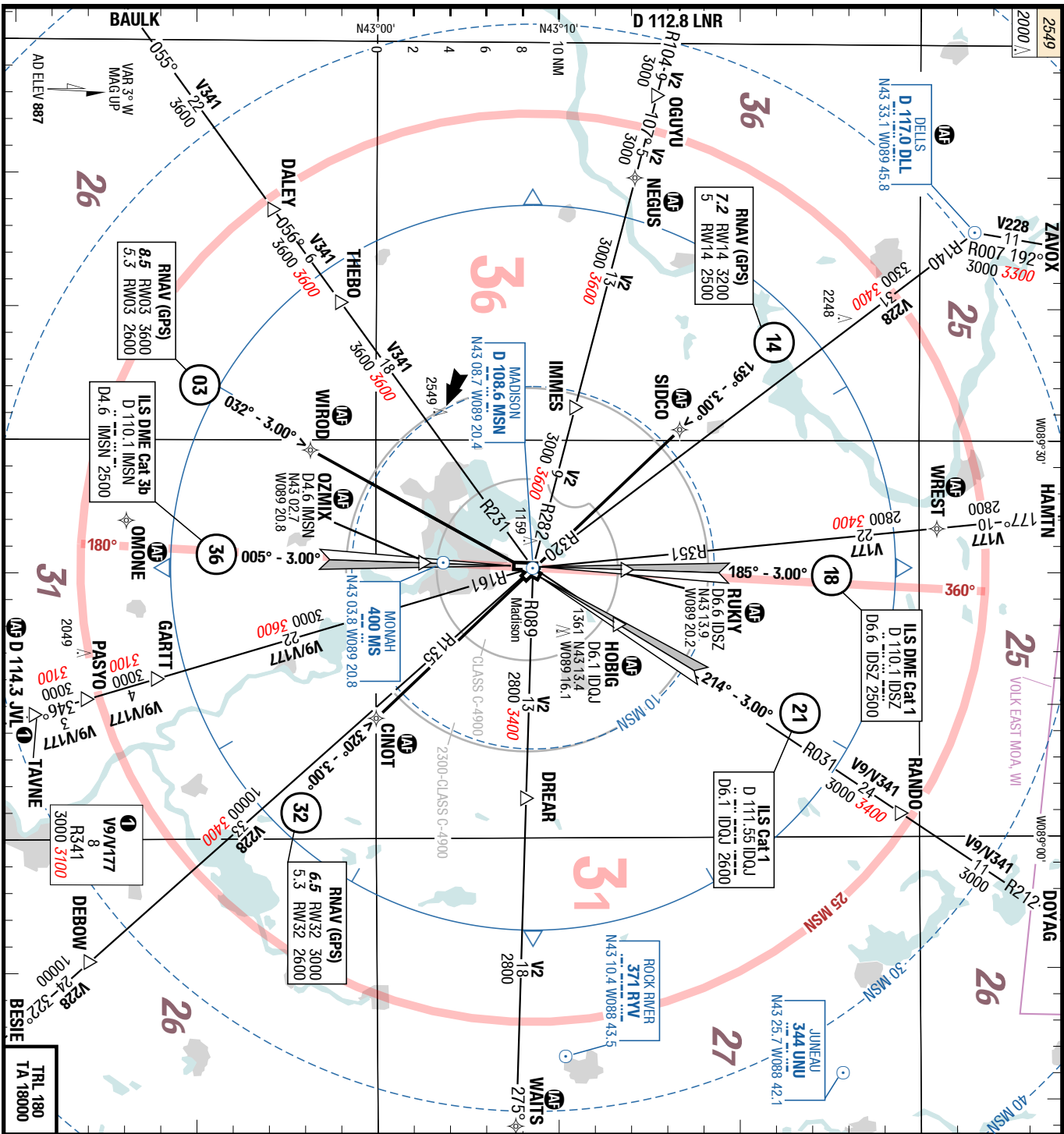
AFC

AFC

AFC

AFC

Dane County Rgnl-Truax Fld Madison United States



ATIS	124.650 ASOS
Chicago Center	133.300 W 0500-1200†
APP/DEP	120.100 E 1200-0500†
TWR	135.450 W 1200-0500†
CTAF	119.300 1200-0500†
UNICOM	119.300 ARCAL
GND	122.950
RCO (Green Bay RDO)	121.900
DLV	122.600 1200-0500†
	121.625 1200-0500†

Landing RWY system:

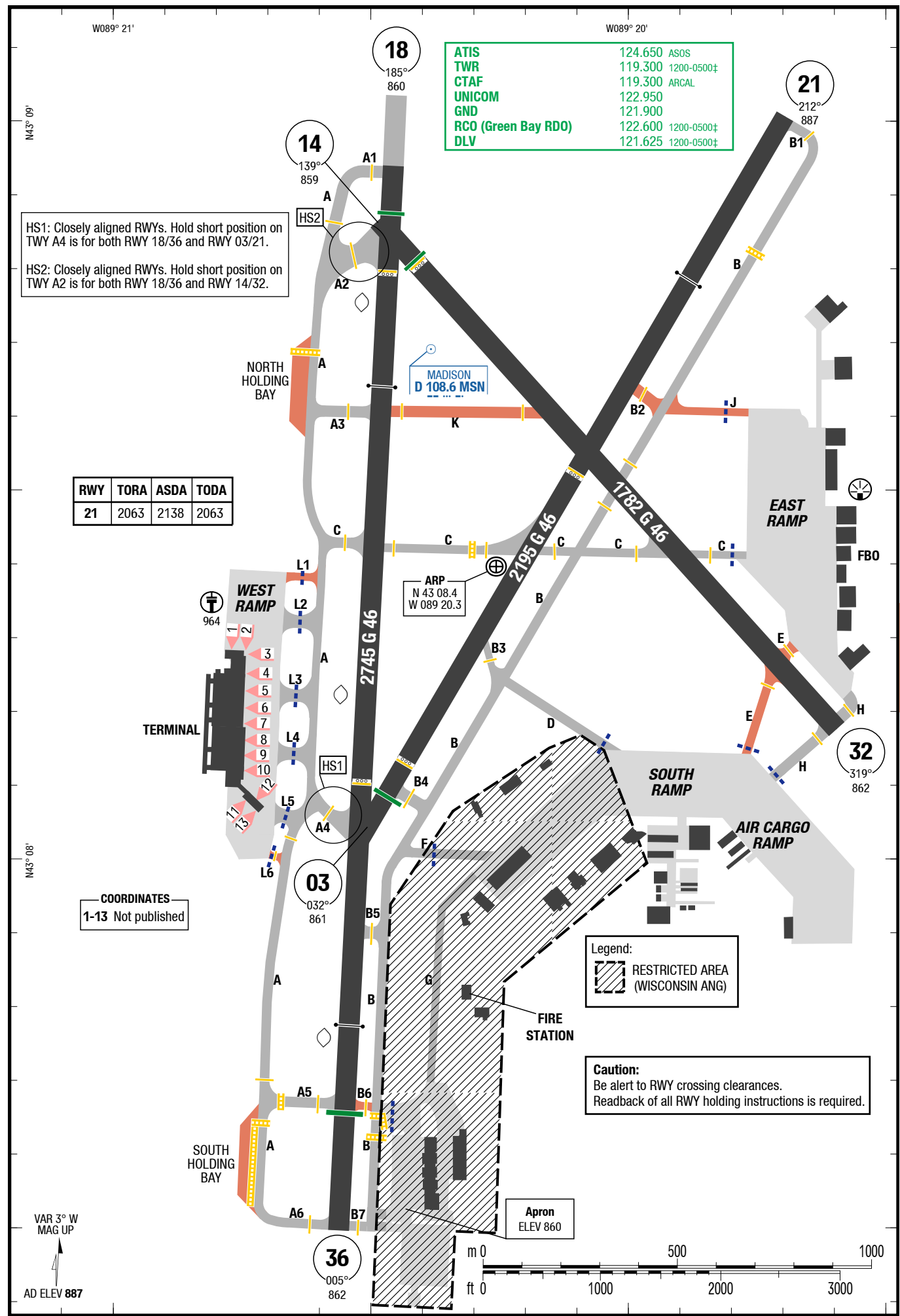
03	THR 860 (31hPa) / TDZ 860 (---%) +0.4%
14	THR 859 (31hPa) / TDZ 861 (---%) +0.1%
18	THR 859 (31hPa) / TDZ 864 (---%) 0.0%
36	THR 859 (31hPa) / TDZ 862 (---%) 0.0%

21	THR 887 (32hPa) / TDZ 887 (32hPa) ML-P1R
32	THR 862 (31hPa) / TDZ 862 (31hPa) ML-P1R

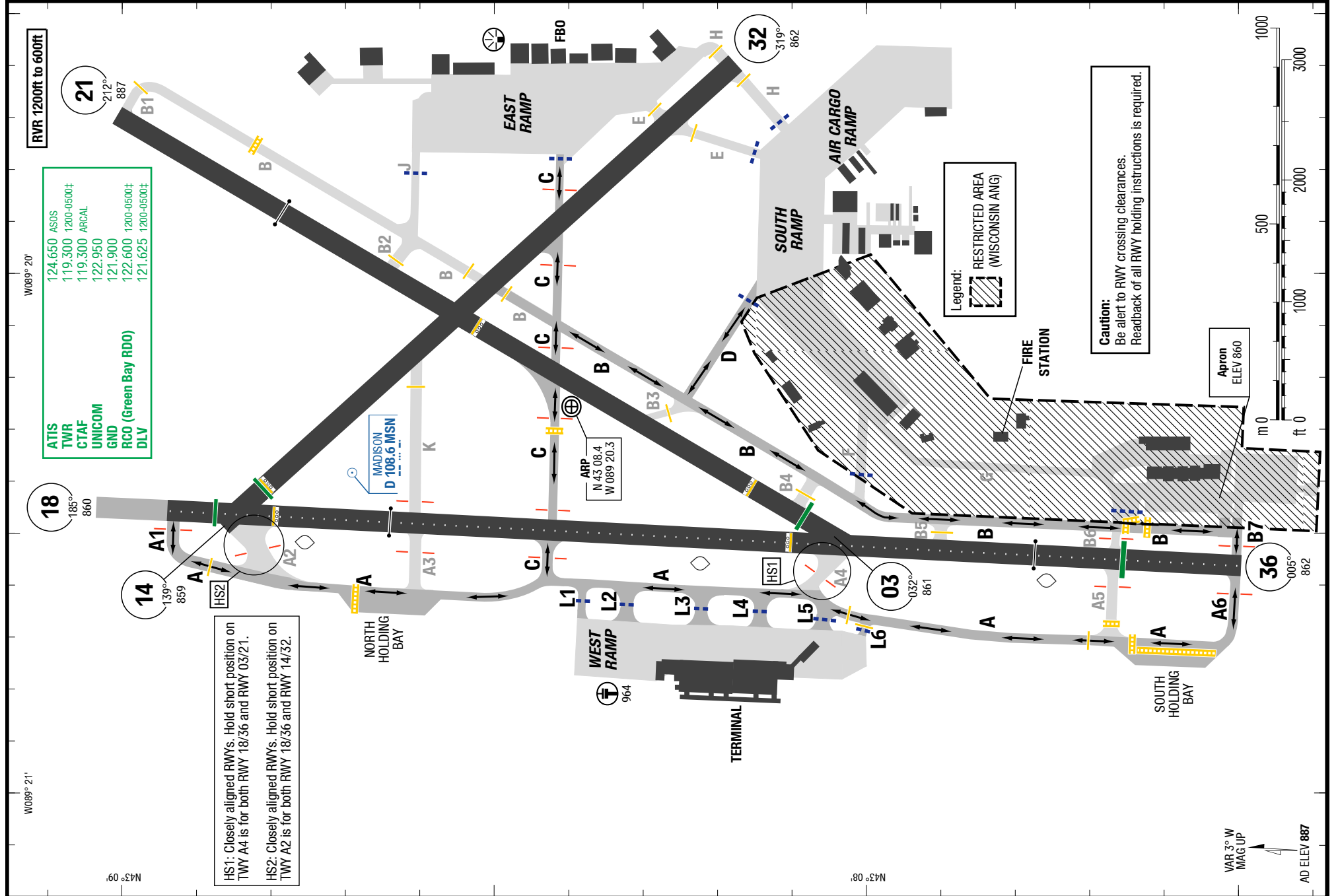
14	THR 859 (31hPa) / TDZ 861 (---%) +0.1%
18	THR 859 (31hPa) / TDZ 864 (---%) 0.0%
36	THR 859 (31hPa) / TDZ 862 (---%) 0.0%

14	THR 859 (31hPa) / TDZ 861 (---%) +0.1%
18	THR 859 (31hPa) / TDZ 864 (---%) 0.0%
36	THR 859 (31hPa) / TDZ 862 (---%) 0.0%

Changes: RWY



3-30



MSN-KMSN**5-10****Obstacle Departure**

Obstacle Departure	
RWY	Routing
18	(Southwest departures 200° CW 260°) climb HDG 179° - at 3200 proceed on course.
21	(Southwest departures 200° CW 260°) climb HDG 206° - at 3200 proceed on course.
RWY	Notes
03	Tower 7137ft from DER, 2392ft left of centerline, 132ft AGL/1082ft MSL. Trees beginning 4368ft from DER, 1526ft left of centerline, up to 100ft AGL/1082ft MSL.
14	Trees and poles beginning 936ft from DER, left and right of centerline, up to 100ft AGL/986ft MSL. Antenna on building 3747ft from DER, 1283ft left of centerline, 57ft AGL/976ft MSL. Vehicle on road 134ft from DER, left to right of centerline, up to 17ft AGL/874ft MSL.
18	Trees beginning 287ft from DER, left and right of centerline, up to 100ft AGL/ 941ft MSL.
21	Trees beginning 1557ft from DER, 383ft right of centerline, up to 100ft AGL/972ft MSL. Sign 29ft from DER, 118ft left of centerline, 6ft AGL/862ft MSL. Glideslope antenna 1144ft from DER, 140ft left of centerline, 39ft AGL/898ft MSL.
32	Trees beginning 1810ft from DER, left and right of centerline, up to 100ft AGL/ 948ft MSL. Railroad 672ft from DER, left to right of centerline, 23ft AGL/882ft MSL.
36	Trees and pole beginning 1325ft from DER, left and right of centerline, up to 100ft AGL/1012ft MSL. Rapidly rising terrain 1467 ft from DER, 678ft right of centerline, up to 947ft MSL. Vehicle on road 1154ft from DER, left to right of centerline, up to 17ft AGL/908ft MSL.

ILS or LOC DME 18



18		Cat 1 1)	LOC DME	SRA 2)			Circling TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 1070	380 - 3500R/0.63V 1240	500 - 5000R/1.0V 1360			600 - 1.5V 1490
D	ft - ft/SM ft	200 - 1800R/0.5V 1070	380 - 3500R/0.63V 1240	500 - 5000R/1.0V 1360			820 - 2.75V 1700

AMDT 2

05-JAN-2017

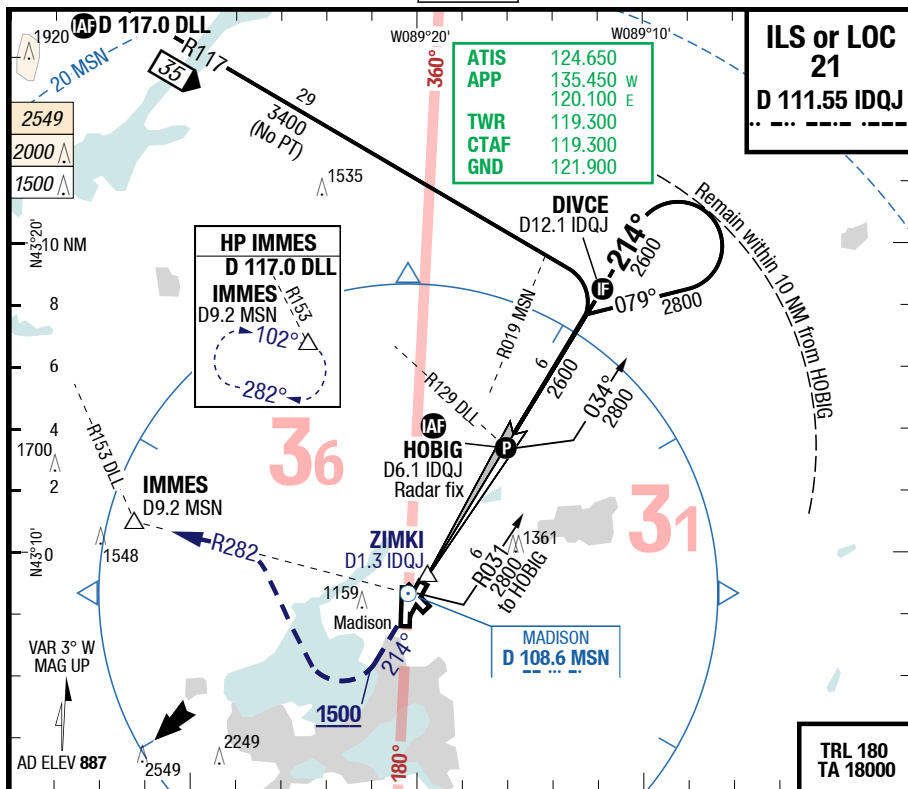
United States **Madison** Dane County Rgnl-Truax Fld

IAC

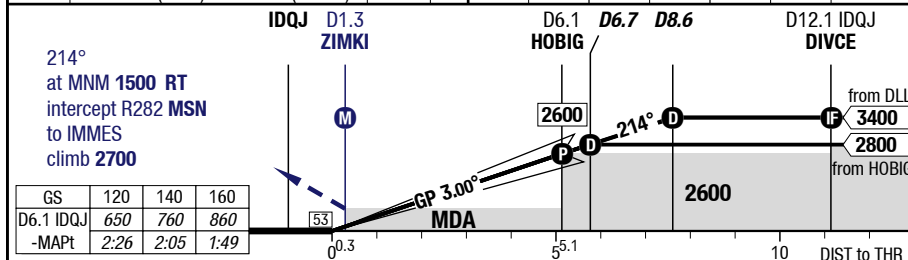
MSN-KMSN

7-20

ILS or LOC 21



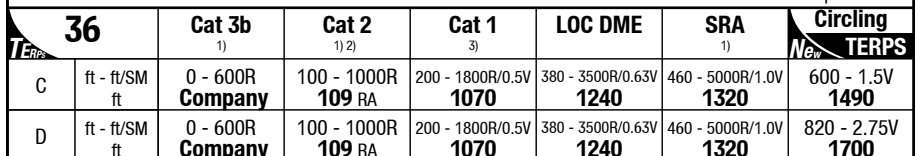
3	4	5	6	7	8.6	LOC 3.05° D IDQJ 214° RWY 212°
1600	1920	2240	2570	2890	3400	



21	Cat 1	LOC	SRA ¹⁾	Circling TERPS
C	ft - ft/SM 250 - 0.5V 1140	500 - 1.0V 1380	480 - 1.0V 1360	600 - 1.5V 1490
D	ft - ft/SM 250 - 0.5V 1140	500 - 1.0V 1380	480 - 1.0V 1360	820 - 2.75V 1700

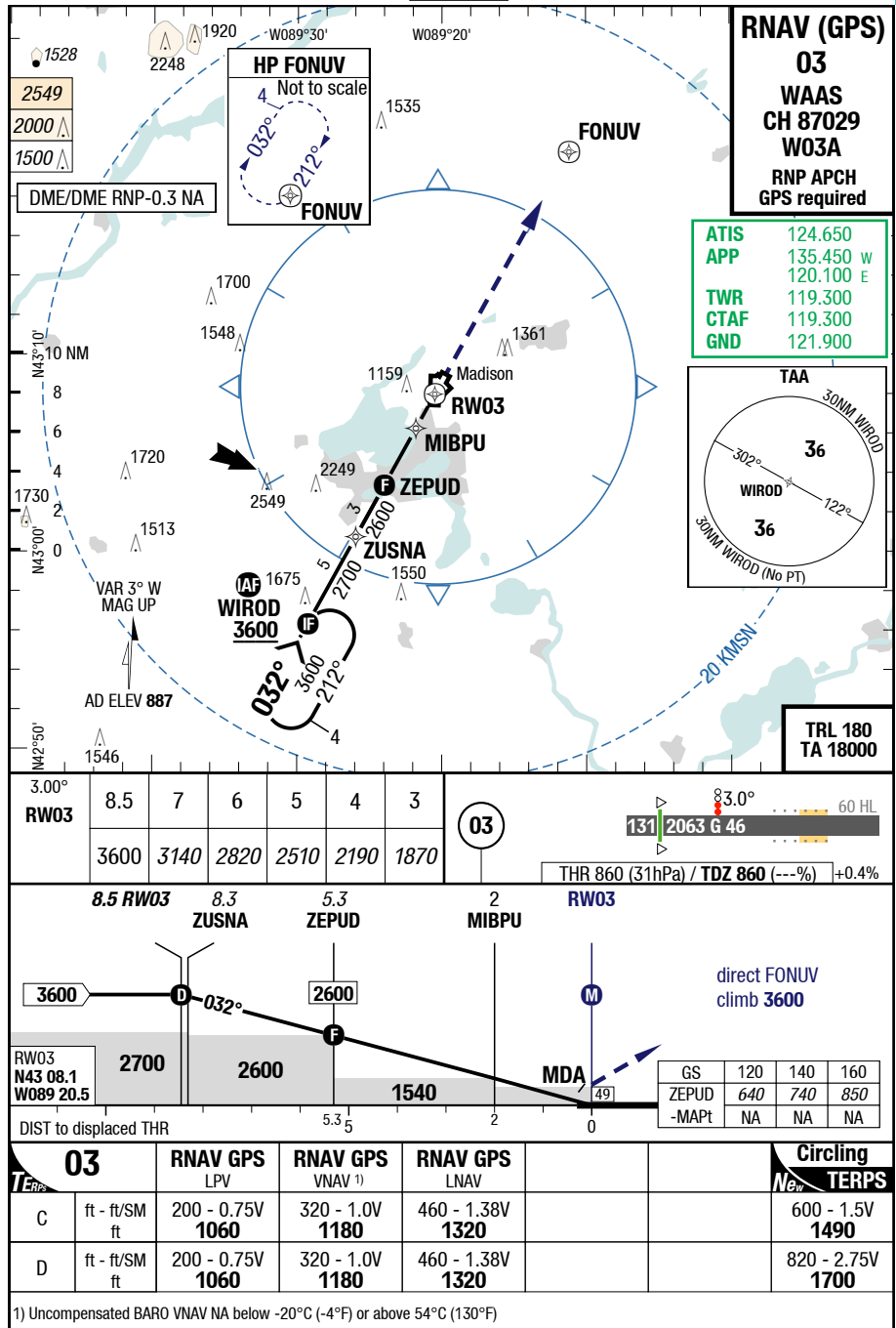
1) PROC NA when TWR CLSD

ILS or LOC DME 36



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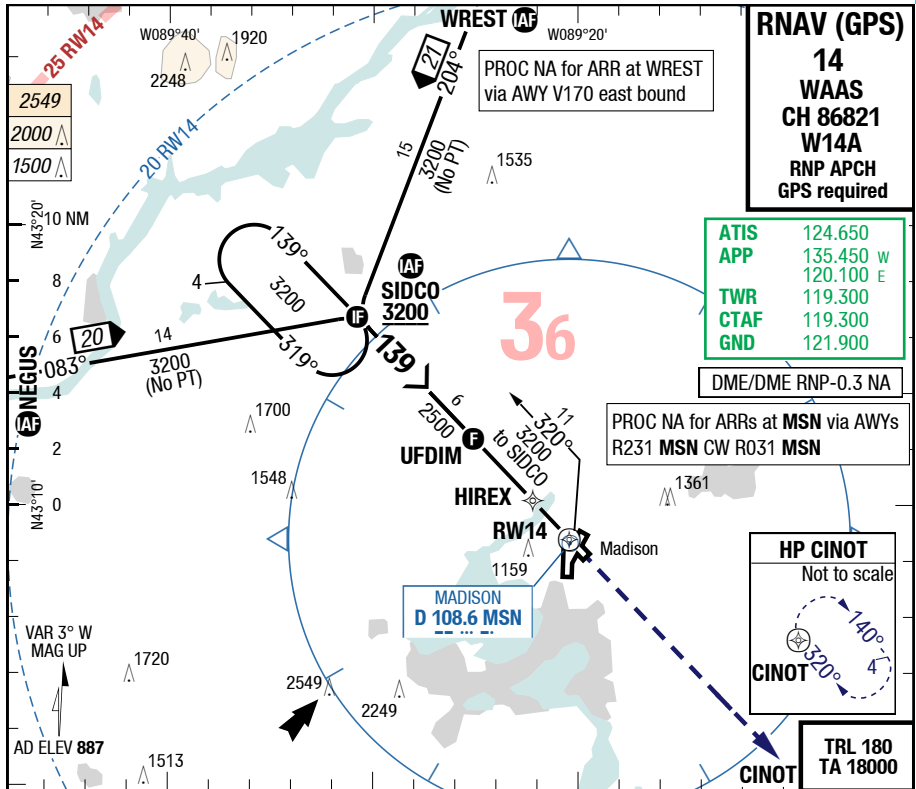
05-JAN-2017

MSN-KMSN**7-50****RNAV (GPS) 03****IAC**

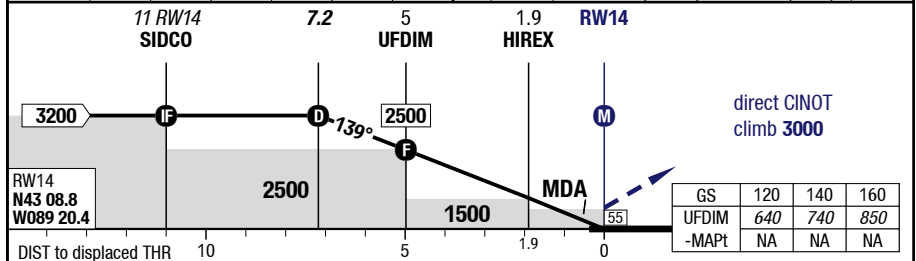
05-JAN-2017

MSN-KMSN**7-60****RNAV (GPS) 14**

IAC



3.00°	7.2	7	6	4	3	2		83.0°	60 HL
RW14	3200	3150	2830	2190	1870	1550	(14)	145	1636 G 46
									THR 859 (31hPa) / TDZ 861 (---%) +0.1%



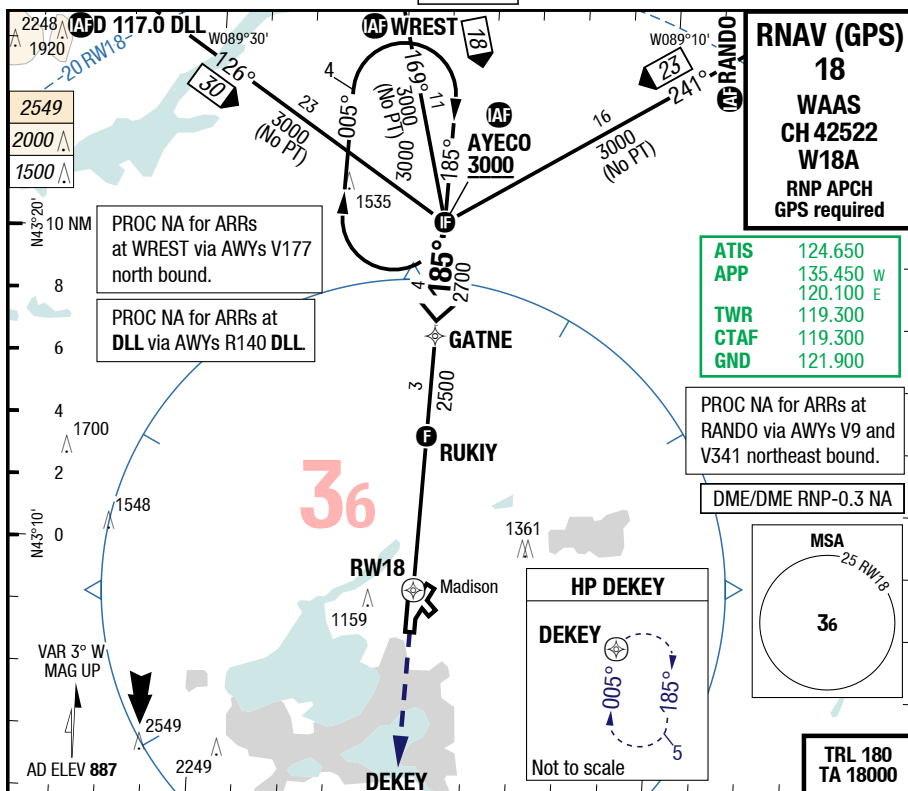
14	RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV	Circling TERPS
C	ft - ft/SM 1120	250 - 0.88V 1120	390 - 1.25V 1250	600 - 1.5V 1490
D	ft - ft/SM 1120	250 - 0.88V 1120	390 - 1.25V 1250	820 - 2.75V 1700

1) Uncompensated BARO VNAV NA below -19°C (-2°F) or above 54°C (130°F)

28-DEC-2017

United States **Madison** Dane County Rgnl-Truax Fld

IAC

MSN-KMSN**7-70****RNAV (GPS) 18**

18		RNAV GPS LPV 1)	RNAV GPS VNAV 2)	RNAV GPS VNAV APL U/S 2)	RNAV GPS LNAV	Circling Ne TERPS
C	ft - ft/SM	200 - 1800R/0.5V 1070	500 - 1.25V 1360	500 - 1.75V 1360	500 - 5500R/1.0V 1360	
D	ft - ft/SM	200 - 1800R/0.5V 1070	500 - 1.25V 1360	500 - 1.75V 1360	500 - 5500R/1.0V 1360	600 - 1.5V 1490
						820 - 2.75V 1700

1) FD, AP or HGS required, else RVR 2400ft or VIS 0.5SM

2) Uncompensated BARO VNAV NA below -19°C (-2°F) or above 54°C (130°F)

Changes: MIN, AMDT No

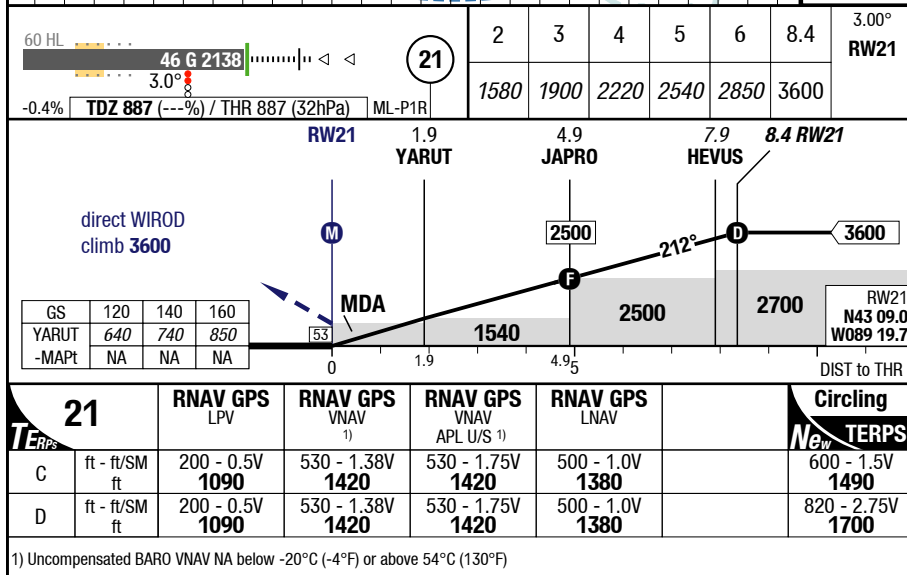
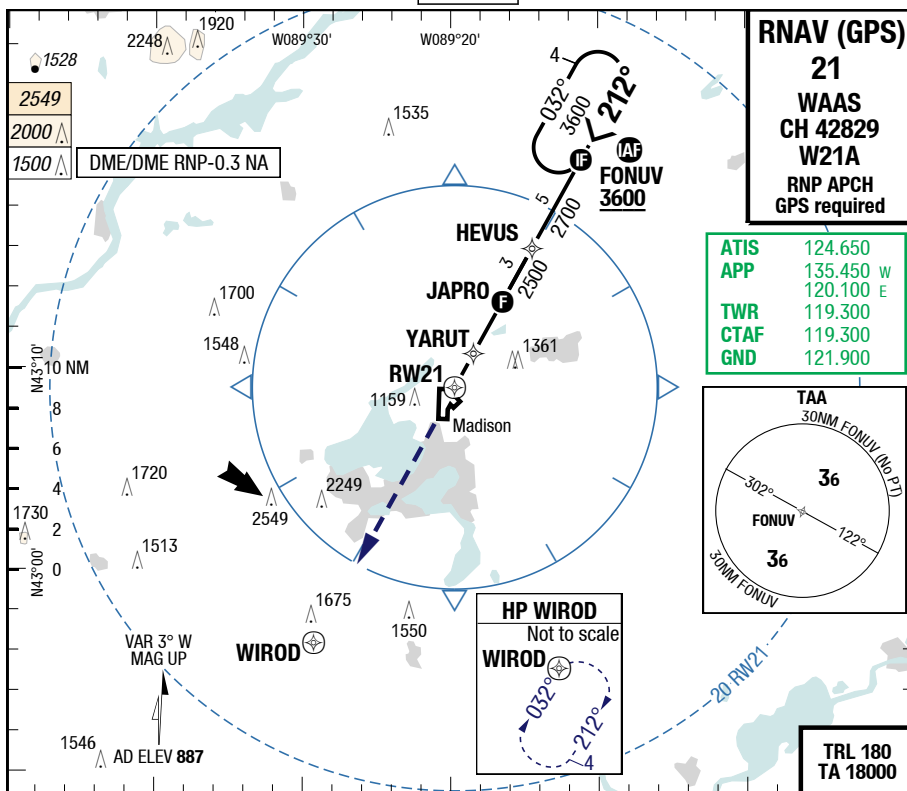
AMDT 2F

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28-DEC-2017

United States **Madison** Dane County Rgnl-Truax Fld

IAC

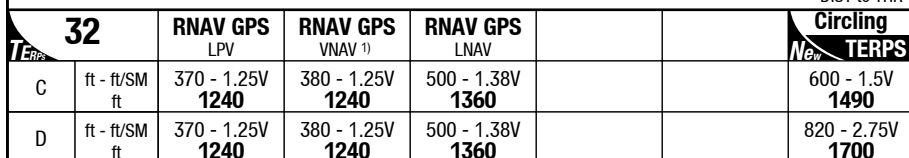
MSN-KMSN**7-80****RNAV (GPS) 21**

Changes: Nil

AMDT 2C

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RNAV (GPS) 32

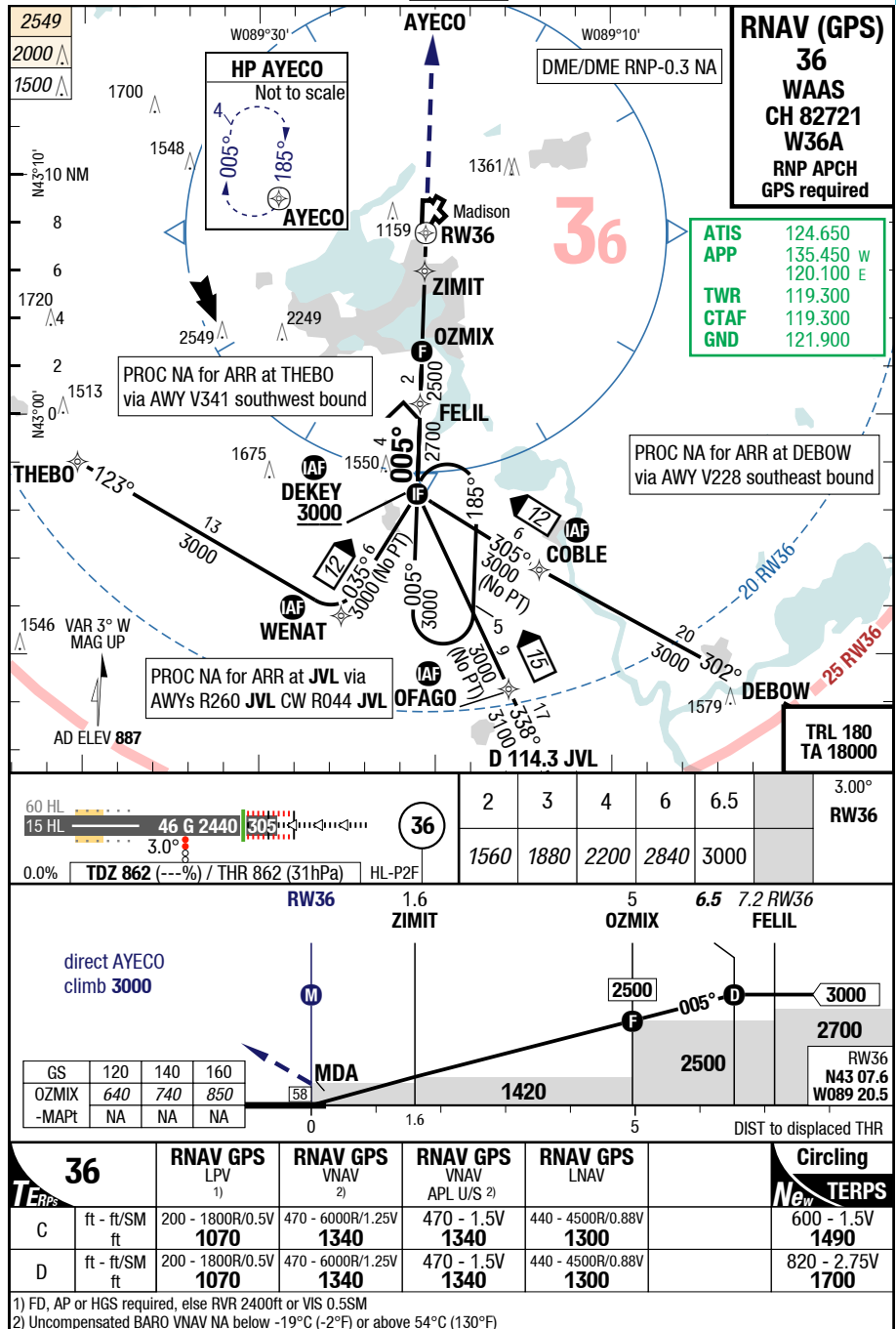


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28-DEC-2017

MSN-KMSN**RNAV (GPS) 36**

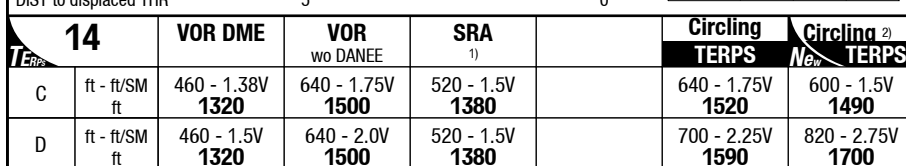
IAC



Changes: MIN, AMDT No

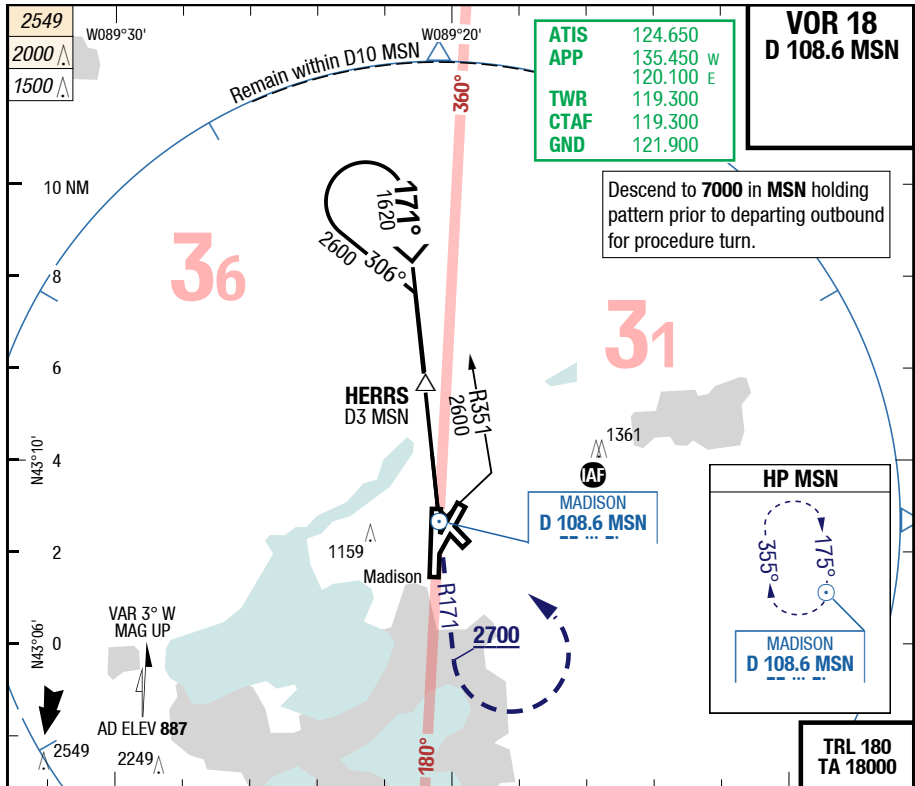
AMDT 2E

VOR 14

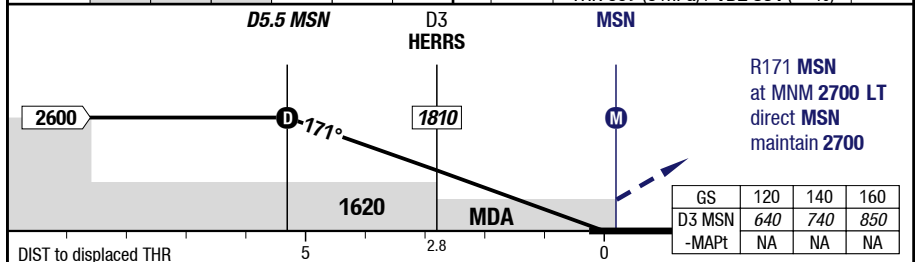


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MSN-KMSN**7-120****VOR 18****IAC**

3.00°				5.5	5	4	18	83.0°	60 HL	15 HL
D MSN				2600	2440	2120		122	2623 G 46	
RWY 185°								ML-P1R	THR 859 (31hPa) / TDZ 864 (---%)	0.0%



18		VOR DME	VOR wo HERRS	VOR wo HERRS APL U/S	Circling 1)	Circling 1) 2)
TERPS					TERPS	TERPS
C	ft - ft/SM ft	500 - 5500R/1.0V 1360	760 - 1.75V 1620	760 - 2.5V 1620	640 - 1.75V 1520	760 - 2.0V 1650
D	ft - ft/SM ft	500 - 5500R/1.0V 1360	760 - 1.75V 1620	760 - 2.5V 1620	700 - 2.25V 1590	760 - 2.25V 1650

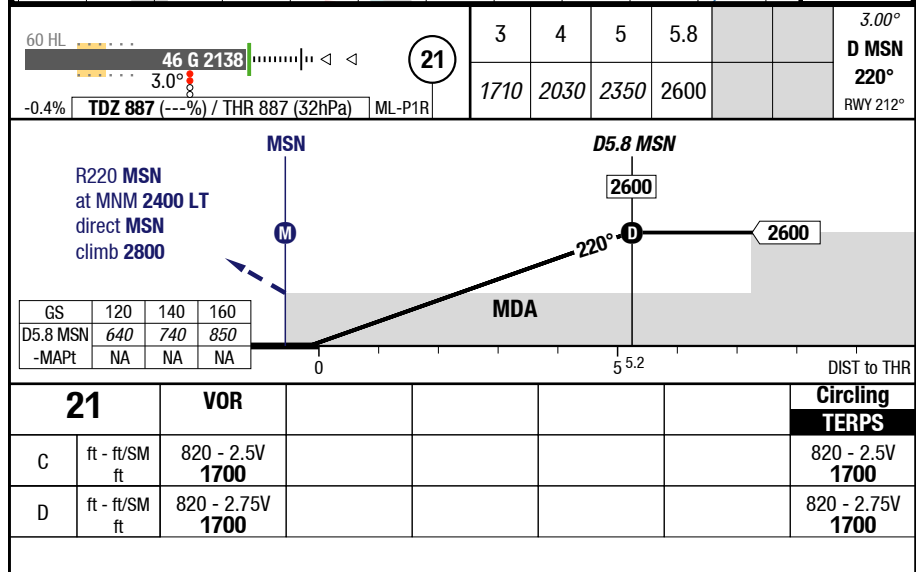
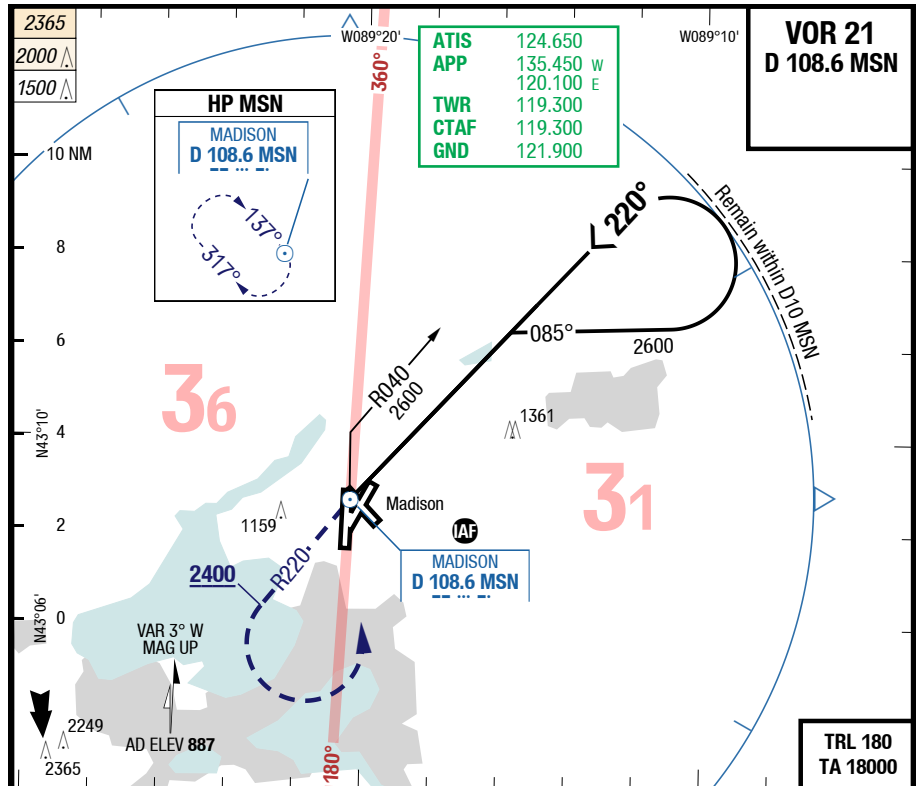
1) HN NA to RWY 32 when VGSI inop

2) wo HERRS

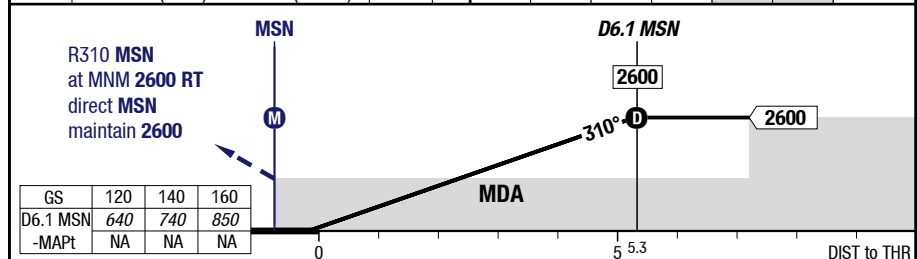
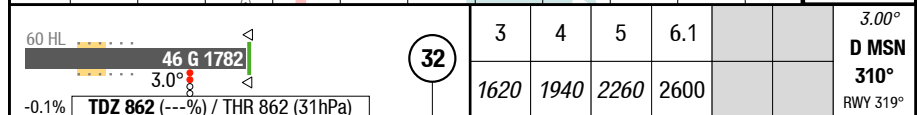
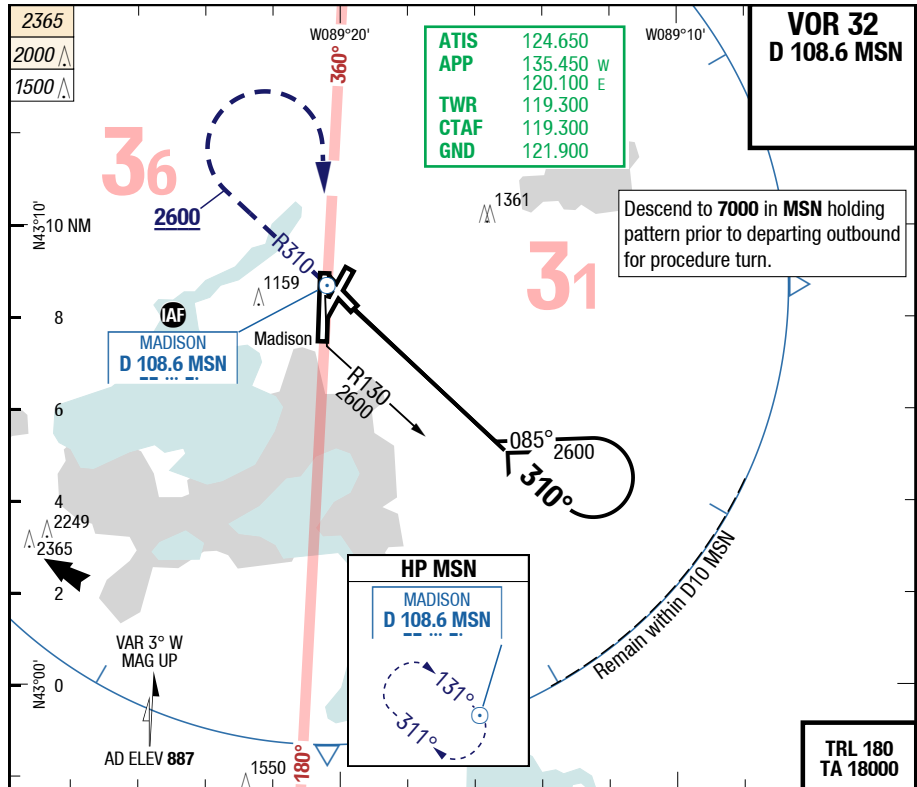
Changes: APL, OBST, Editorial

AMDT 1C

05-JAN-2017

MSN-KMSN**7-130****VOR 21**

05-JAN-2017

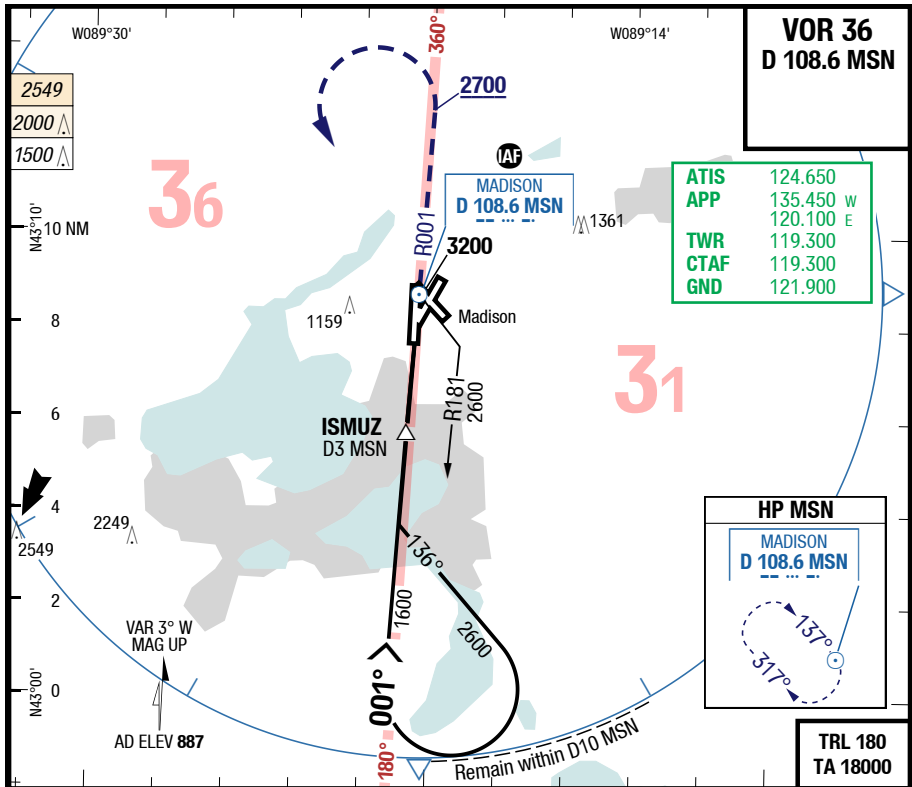
MSN-KMSN**7-140****VOR 32****IAC**

32		VOR ¹⁾	SRA ²⁾			Circling ³⁾ TERPS	Circling ⁴⁾ TERPS
C	ft - ft/SM ft	700 - 2.0V 1560	500 - 1.38V 1360			600 - 1.5V 1490	700 - 2.0V 1590
D	ft - ft/SM ft	700 - 2.0V 1560	500 - 1.38V 1360			820 - 2.75V 1700	700 - 2.25V 1590

1) HN NA when VGSI inop
2) PROC NA when TWR CLSD

3) RADAR
4) HN NA to RWY 32 when VGSI inop

05-JAN-2017

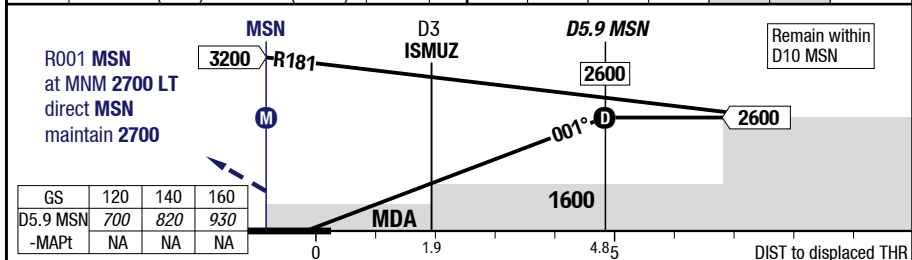
MSN-KMSN**7-150****VOR 36****IAC**

60 HL 15 HL 46 G 2440 305 3.0°

0.0% TDZ 862 (---%) / THR 862 (31hPa) HL-P2F

36

3	4	5	5.9			3.30°
1600	1950	2300	2600			D MSN 001° RWY 005°



36		VOR DME	VOR wo ISMUZ		Circling TERPS	Circling ¹⁾ TERPS
C	ft - ft/SM ft	460 - 6000R/1.25V 1320	740 - 1.5V 1600		640 - 1.75V 1520	740 - 2.0V 1630
D	ft - ft/SM ft	460 - 1.5V 1320	740 - 1.75V 1600		700 - 2.25V 1590	740 - 2.25V 1630

1) wo ISMUZ