

**GENERAL****Operational Hours**

**ATS Hours:** TWR 1200-0200 Standard Time  
 TWR 1100-0200 DST  
 use CTAF outside TWR OPS hours

**AD OPS Hours:** Attended 0900-0600±

**Airport Information**

**RFF:** FAA Index B / CAT 6  
**Fuel:** Jet A+, AVBL 1100 - 0300 BTN 01 MAY - 14 OCT, 1100 - 0200 BTN 15 OCT - 30 APR,  
 other times O/R  
**PCN:** RWY 10/28: 56/F/A/X/T, RWY 18/36: 31/F/A/X/T

**Operation****Traffic Notes**

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

PPR 48HR for non-SKED ACFT with more than 30 PAX seats.

**TWY Restriction:** TWY C1, C2 east of TWY C not AVBL.

**Warnings**

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

**TVC VOR** unusable:

R024-R034 beyond 10NM below 5000ft

R050-R060 beyond 9NM

R061-R120

R210-R228 beyond 10NM

**TVC DME** unusable:

R050-R060 beyond 9NM

R061-R120

| Parasailing OPS 1.5NM NE of AD, MAY-SEP, SR-SS.

Birds and deer 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 other than RWY or TWY marked with (\*).

<b>LDG RWY</b>	<b>Hold Short Point (HSP)</b>	<b>Distance</b>
RWY 18	RWY 10/28*	869m / 2850ft
RWY 28	RWY 18/36*	1676m / 5500ft

**ARRIVAL****Warnings**

**ILS/LOC RWY 28** unusable: Beyond 26° left and right of RCL.

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

RWY		10	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 4.6% up to 1100
3+4 ENG		0 - 0.5V	
RWY		28	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 5.6% up to 2000
3+4 ENG		0 - 0.5V	
RWY		36	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 3.4% up to 1000, or TKOF must occur no later than 1200ft / 366m prior to RWY end.
3+4 ENG		0 - 0.5V	
RWY		18	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 3.7% up to 1100, or TKOF must occur no later than 2000ft / 610m prior to RWY end.
3+4 ENG		0 - 0.5V	

**Speed**

MAX IAS 250KT below 10000ft.

**Communication**

**COM Failure:** See CRAR.

30-NOV-2017

**TVC-KTVC**United States **Traverse City** Cherry Capital

AGC

**AFC**

# AFC

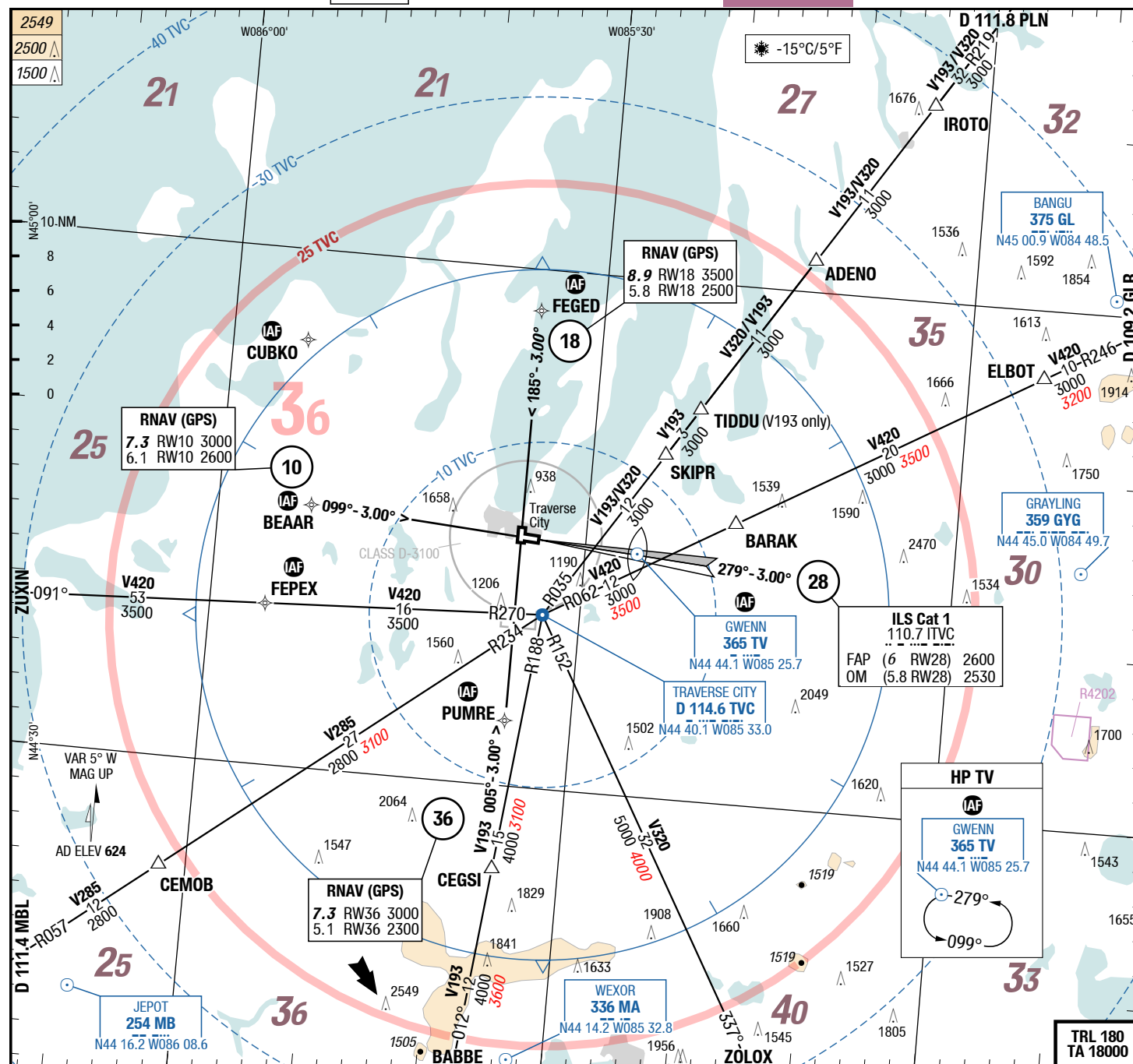
# AFC

Cherry Capital **Traverse City** United States

AGC

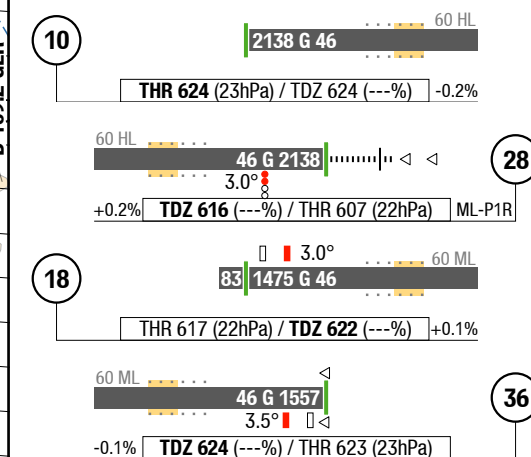
**AFC**

2-10

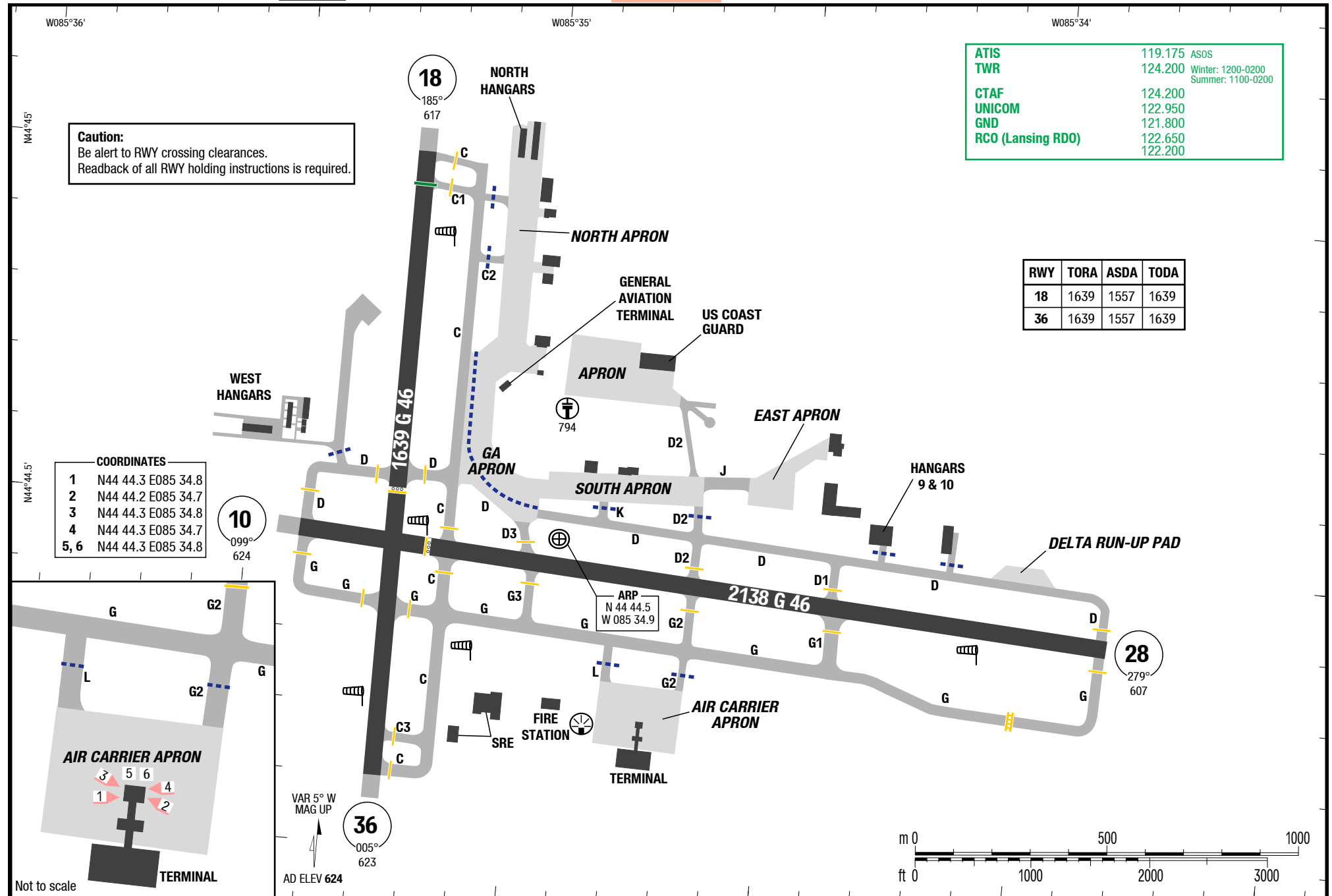


ATIS	119.175	ASOS
Minneapolis Center	132.900	
TWR	124.200	Winter: 1200-0200 Summer: 1100-0200
CTAF	124.200	
UNICOM	122.950	
GND	121.800	
RCO (Lansing Radio)	122.650	
	122.200	

**Landing RWY system:**



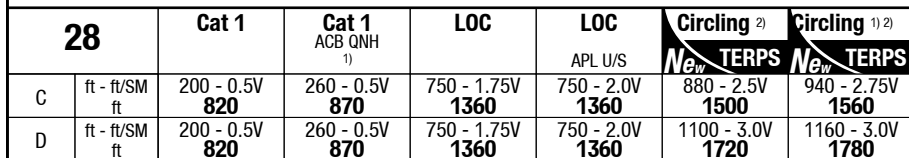
Changes: FREQ, LDA, APL



Obstacle Departure	
RWY	Routing
10	Climb HDG 099° to MNM 1100 before turning right, or for climb in visual conditions, cross Cherry Capital airport at or above 1800 BPOC.
18	Climb HDG 185° to MNM 1100 before turning, or for climb in visual conditions, cross Cherry Capital airport at or above 1800 BPOC.
28	For climb in visual conditions, cross Cherry Capital airport at or above 1800 BPOC.
36	Climb HDG 005° to MNM 1300 before turning left, or for climb in visual conditions, cross Cherry Capital airport at or above 1800 BPOC.
RWY	Notes
10	Tree 1284ft from DER, 739ft left of centerline, 662ft MSL. Trees beginning 1524ft from DER, 821ft left of centerline, up to 663ft MSL. Trees beginning 1822ft from DER, 916ft right of centerline, up to 669ft MSL. Tree 2242ft from DER, 963ft right of centerline, 671ft MSL. Trees beginning 2341ft from DER, 941ft right of centerline, up to 672ft MSL. Tree 2570ft from DER, 1169ft right of centerline, 679ft MSL. Tree 2996ft from DER, 1213ft right of centerline, 694ft MSL. Trees beginning 3091ft from DER, 1241ft right of centerline, up to 700ft MSL. Tree 3773ft from DER, 1270ft right of centerline, 705ft MSL. Trees beginning 1.3NM from DER, 2444ft right of centerline, up to 822ft MSL. Trees beginning 1.4NM from DER, 1356ft right of centerline, up to 922ft MSL. Trees beginning 1.5NM from DER, 1795ft right of centerline, up to 930ft MSL. Tree 2.4NM from DER, 3984ft right of centerline, 981ft MSL. Tree 2.5NM from DER, 3987ft right of centerline, 1007ft MSL.
18	Fence, building beginning 228ft from DER, 231ft left of centerline, up to 636ft MSL. Transmission line 856ft from DER, 695ft right of centerline, 34ft AGL/660ft MSL. Transmission lines beginning 859ft from DER, 372ft right of centerline, up to 38ft AGL/664ft MSL. Transmission line 966ft from DER, 654ft left of centerline, 34ft AGL/655ft MSL. Transmission line beginning 1086ft from DER, 414ft right of centerline, up to 41ft AGL/667ft MSL. Tree 1930ft from DER, 410ft right of centerline, 677ft MSL. Transmission lines, trees beginning 1.8NM from DER, 2679ft left of centerline, up to 942ft MSL. Trees beginning 2NM from DER, 3609ft left of centerline, up to 951ft MSL. Transmission line 2.2NM from DER, 2697ft left of centerline, 122ft AGL/980ft MSL.

<b>Obstacle Departure</b>	
<b>RWY</b>	<b>Notes</b>
<b>28</b>	<p>Poles, building beginning 963ft from DER, 584ft right of centerline, up to 28ft AGL/ 651ft MSL. Transmission line 1150ft from DER, 576ft right of centerline, 30ft AGL/ 654ft MSL. Transmission line 1160ft from DER, 633ft right of centerline, 32ft AGL/ 656ft MSL. pole, transmission line beginning 1162ft from DER, 726ft left of centerline, up to 663ft MSL. Tree 1181ft from DER, 755ft left of centerline, 688ft MSL. Tree, transmission line beginning 1226ft from DER, 734ft left of centerline, up to 695ft MSL. Transmission line beginning 1251ft from DER, 625ft right of centerline, up to 35ft AGL/658ft MSL. Trees beginning 1325ft from DER, 763ft left of centerline, up to 78ft AGL/703ft MSL. Trees, transmission line beginning 1421ft from DER, 7ft left of centerline, up to 80ft AGL/705ft MSL. Tree 1456ft from DER, 611ft right of centerline, 675ft MSL. Trees beginning 1495ft from DER, 604ft right of centerline, up to 694ft MSL. Trees beginning 1664ft from DER, 617ft right of centerline, up to 699ft MSL. Trees beginning 1708ft from DER, 603ft right of centerline, up to 701ft MSL. Trees beginning 2275ft from DER, 3ft right of centerline, up to 708ft MSL. Trees beginning 2960ft from DER, 82ft left of centerline, up to 80ft AGL/706ft MSL. Trees beginning 3033ft from DER, 69ft left of centerline, up to 707ft MSL. Tree 3596ft from DER, 278ft left of centerline, 88ft AGL/714ft MSL.</p>
<b>36</b>	<p>Poles, trees, transmission line beginning 734ft from DER, 62ft left of centerline, up to 37ft AGL/655ft MSL. trees, buildings, transmission line, sign beginning 803ft from DER, 247ft right of centerline, up to 657ft MSL. Trees, pole, transmission line beginning 936ft from DER, 107ft right of centerline, up to 664ft MSL. Trees beginning 974ft from DER, 488ft right of centerline, up to 684ft MSL. Trees, transmission line beginning 1028ft from DER, 16ft right of centerline, up to 685ft MSL. Trees beginning 1234ft from DER, 34ft left of centerline, up to 671ft MSL. Trees beginning 1322ft from DER, 91ft left of centerline, up to 673ft MSL. Trees beginning 1350ft from DER, 12ft left of centerline, up to 682ft MSL. Trees beginning 1405ft from DER, 115ft right of centerline, up to 688ft MSL. Trees beginning 1420ft from DER, 71ft right of centerline, up to 689ft MSL. Trees beginning 1460ft from DER, 120ft left of centerline, up to 685ft MSL. Trees beginning 1511ft from DER, 355ft right of centerline, up to 690ft MSL. Trees beginning 1514ft from DER, 52ft right of centerline, up to 691ft MSL. Trees, transmission line, beginning 1517ft from DER, 23ft left of centerline, up to 692ft MSL. Trees beginning 1754ft from DER, 87ft right of centerline, up to 704ft MSL. Trees beginning 1809ft from DER, 7ft right of centerline, up to 706ft MSL. Trees, transmission line beginning 1866ft from DER, 59ft left of centerline, up to 693ft MSL. Trees, transmission line beginning 2246ft from DER, 141ft left of centerline, up to 695ft MSL. Tree 2407ft from DER, 310ft left of centerline, 696ft MSL. Trees beginning 2425ft from DER, 48ft left of centerline, up to 697ft MSL. Trees beginning 2956ft from DER, 102ft left of centerline, up to 714ft MSL. Trees beginning 1.5NM from DER, 2547ft right of centerline, up to 859ft MSL. Tree 1.6NM from DER, 2939ft right of centerline, 862ft MSL. Trees beginning 2NM from DER, 1898ft right of centerline, up to 937ft MSL.</p>

## ILS or LOC 28



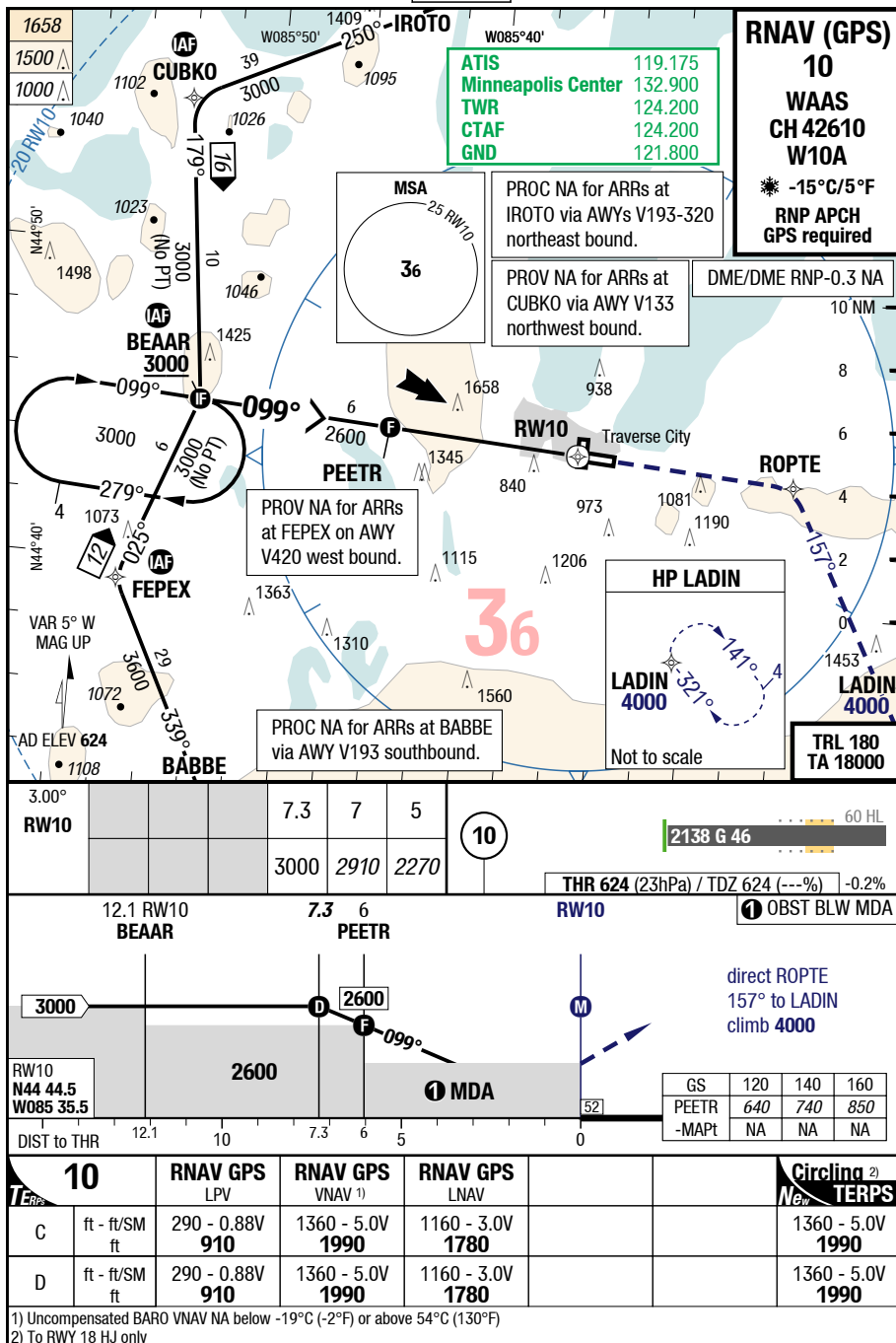
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AMDT 14B

TVC-KTVC

7-30

RNAV (GPS) 10

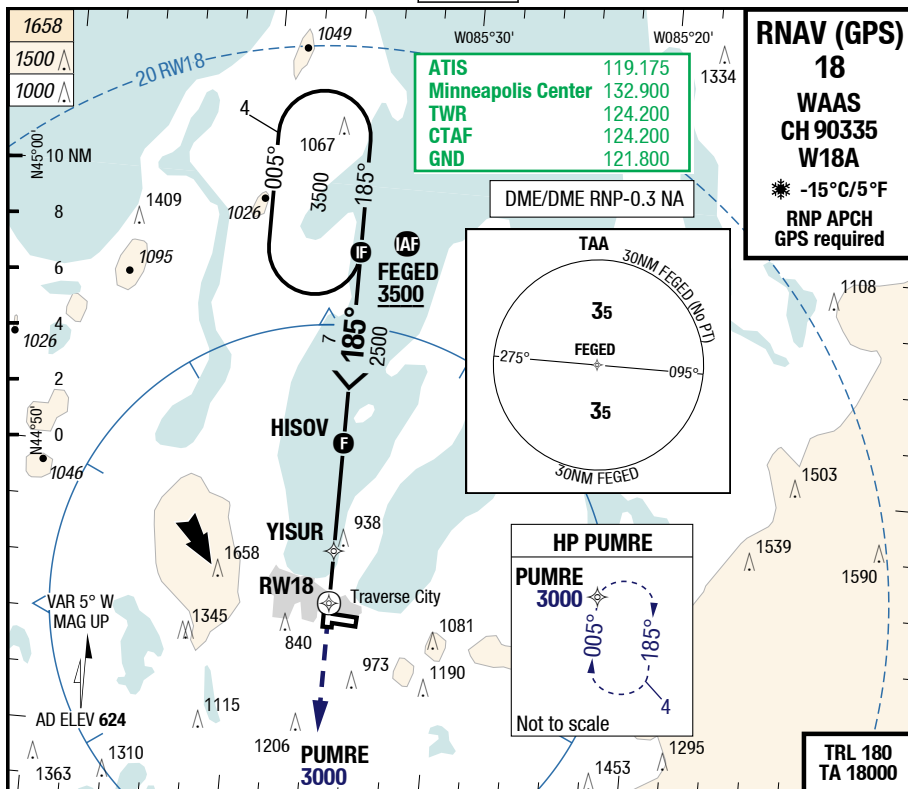






## TVC-KTVC

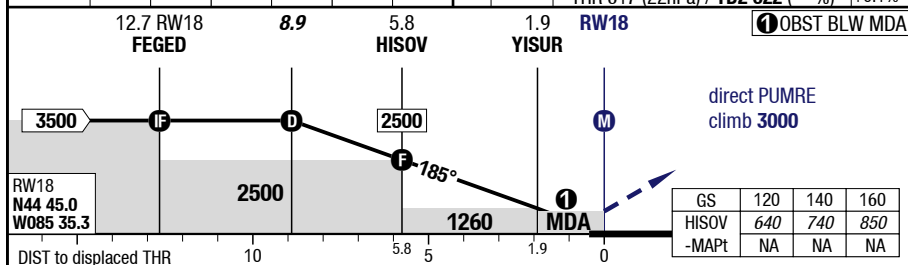
**7-40**

## RNAV (GPS) 18



3.00° RW18	8.9	6	5	4	3	2	18	 3.0°  60 ML
	3500	2580	2260	1940	1630	1310		

THR 61Z (22hPa) / **TDZ 62Z** (---%) +0.1%



18		RNAV GPS LP 1)	RNAV GPS LP ACB QNH 1) 2)	RNAV GPS LNAV 1)	RNAV GPS LNAV ACB QNH 1) 2)	Circling 1) New TERPS	Circling 1) 2) New TERPS
C	ft - ft/SM ft	480 - 1.38V 1100	540 - 1.75V 1160	580 - 1.75V 1200	640 - 2.0V 1260	880 - 2.5V 1500	940 - 2.75V 1560
D	ft - ft/SM ft	480 - 1.38V 1100	540 - 1.75V 1160	580 - 1.75V 1200	640 - 2.0V 1260	1100 - 3.0V 1720	1160 - 3.0V 1780

1) Straight-in and circling MINIMA NA at night

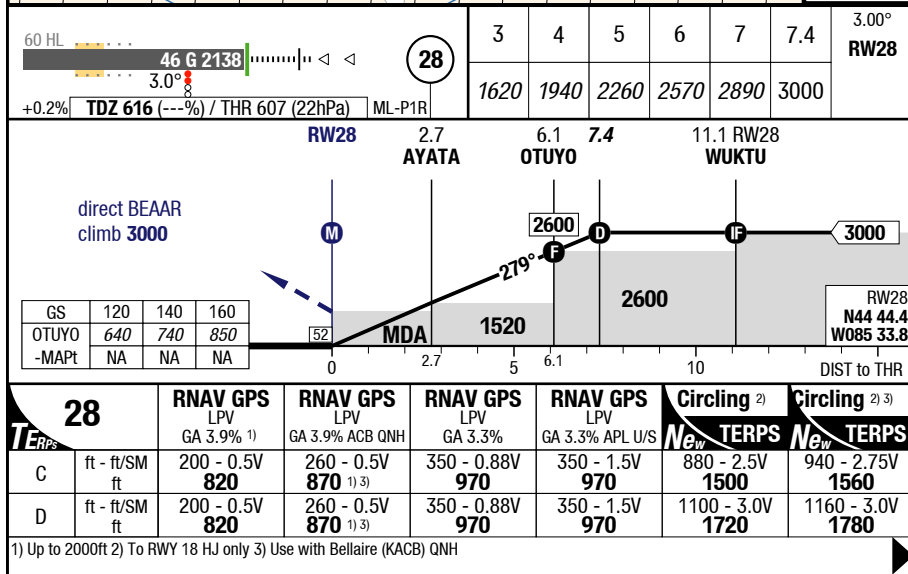
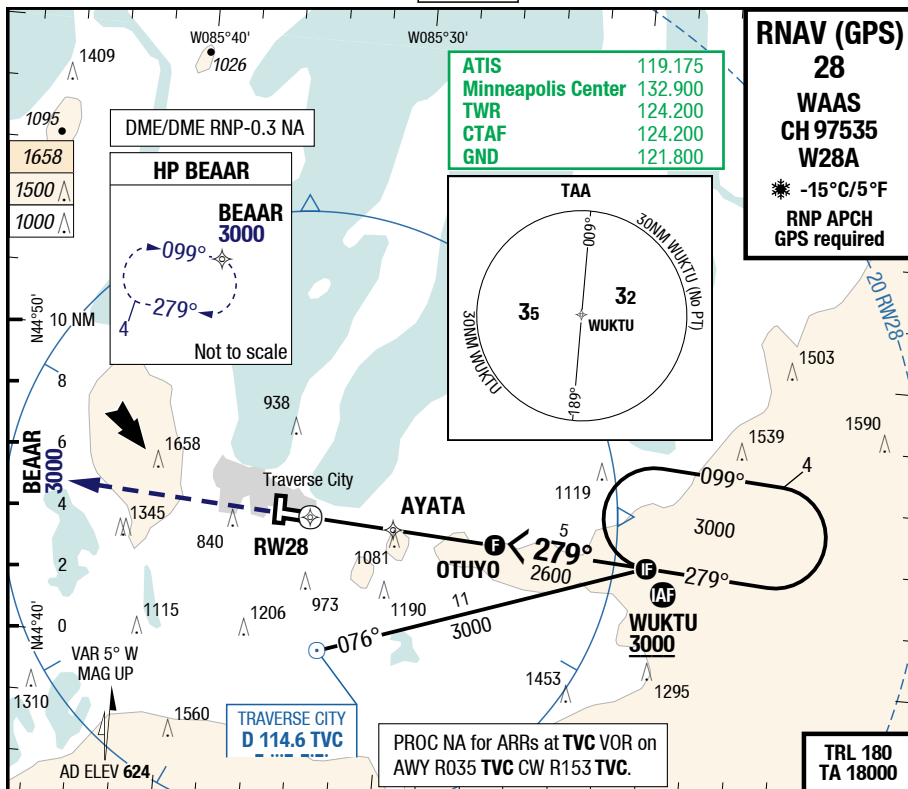
2) Use with Bellaire (KACB) QNH

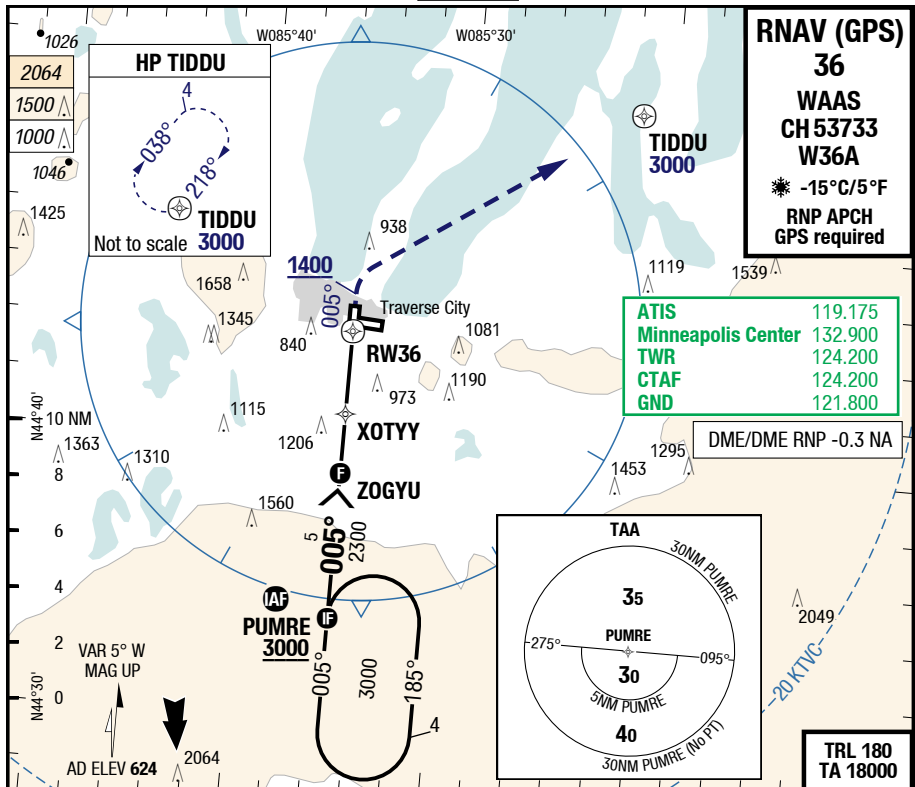
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TVC-KTVC

7-50

RNAV (GPS) 28



**TVC-KTVC****7-60****RNAV (GPS) 36**

<b>36</b>		<b>RNAV GPS LPV</b>	<b>RNAV GPS LPV ACB QNH 1)</b>	<b>RNAV GPS VNAV 2)</b>	<b>RNAV GPS VNAV ACB QNH 1) 3)</b>	<b>Circling 4)</b>	<b>Circling 1) 4)</b>
<b>TERPS</b>						<b>TERPS</b>	<b>TERPS</b>
<b>C</b>	ft - ft/SM ft	280 - 0.88V <b>900</b>	330 - 1.0V <b>950</b>	530 - 1.75V <b>1150</b>	580 - 2.0V <b>1200</b>	880 - 2.5V <b>1500</b>	940 - 2.75V <b>1560</b>
<b>D</b>	ft - ft/SM ft	280 - 0.88V <b>900</b>	330 - 1.0V <b>950</b>	530 - 1.75V <b>1150</b>	580 - 2.0V <b>1200</b>	1100 - 3.0V <b>1720</b>	1160 - 3.2V <b>1780</b>

1) Use with Bellaire (KACB) QNH 2) Uncompensated BARO VNAV NA below -16°C (4°F) or above 54°C (130°F) 3) BARO VNAV NA 4) To RWY 18 HJ only

## VOR A



## TVC-KTVC

7-90

## WxMinima Overflow

28		LOC ACB QNH <sup>1)</sup>	LOC ACB QNH APL U/S	LOC wo AYATA	LOC wo AYATA ACB QNH <sup>1)</sup>		
C	ft - ft/SM ft	810 - 2.0V <b>1420</b>	810 - 2.5V <b>1420</b> <sup>1)</sup>	870 - 2.0V <b>1480</b>	930 - 2.0V <b>1540</b>		
D	ft - ft/SM ft	810 - 2.0V <b>1420</b>	810 - 2.5V <b>1420</b> <sup>1)</sup>	870 - 2.0V <b>1480</b>	930 - 2.0V <b>1540</b>		

1) Use with Bellaire (KACB) QNH

28		RNAV GPS LPV GA 3.3% ACB QNH	RNAV GPS LPV GA 3.3% ACB QNH	RNAV GPS VNAV <sup>1)</sup>	RNAV GPS VNAV ACB QNH <sup>2) 3)</sup>	RNAV GPS LNAV	RNAV GPS LNAV APL U/S
C	ft - ft/SM ft	400 - 1.0V <b>1020</b> <sup>2)</sup>	400 - 1.5V <b>1020</b> <sup>2) 4)</sup>	720 - 2.0V <b>1330</b>	770 - 2.25V <b>1390</b>	730 - 1.75V <b>1340</b>	730 - 2.0V <b>1340</b>
D	ft - ft/SM ft	400 - 1.0V <b>1020</b> <sup>2)</sup>	400 - 1.5V <b>1020</b> <sup>2) 4)</sup>	720 - 2.0V <b>1330</b>	770 - 2.25V <b>1390</b>	730 - 1.75V <b>1340</b>	730 - 2.0V <b>1340</b>

1) Uncompensated BARO VNAV NA below -19°C (2°F) or above 54°C (130°F) 2) Use with Bellaire (KACB) QNH 3) BARO VNAV NA 4) APL U/S

28		RNAV GPS LNAV ACB QNH <sup>1)</sup>	RNAV GPS LNAV ACB QNH APL U/S				
C	ft - ft/SM ft	790 - 2.0V <b>1400</b>	790 - 2.5V <b>1400</b> <sup>1)</sup>				
D	ft - ft/SM ft	790 - 2.0V <b>1400</b>	790 - 2.5V <b>1400</b> <sup>1)</sup>				

1) Use with Bellaire (KACB) QNH

36		RNAV GPS LNAV	RNAV GPS LNAV ACB QNH <sup>1)</sup>				
C	ft - ft/SM ft	660 - 2.0V <b>1280</b>	720 - 2.0V <b>1340</b>				
D	ft - ft/SM ft	660 - 2.0V <b>1280</b>	720 - 2.0V <b>1340</b>				

1) Use with Bellaire (KACB) QNH

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