

08-SEP-2016

HLN-KHLN**1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** TWR 1300-0500‡**AD OPS Hours:** Attended 1200-0800‡**Airport Information****RFF:** FAA Index B / CAT 6**Fuel:** Jet A**PCN:** RWY 09/27: 50/F/C/X/U**Operation****Traffic Notes**

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

RWY Restriction

RWY 17/35 and 05/23 (EXC between TWY F and RWY 09/27) not AVBL for ACFT with more than 30 PAX seats.

TWY Restriction

TWY A, B and C (between TWY A and RWY 35) not AVBL for ACFT with more than 30 PAX seats.

Warnings**HLN VOR/DME** unusable:**VOR**

105°-165° beyond 25NM below 17000ft.

165°-185° beyond 25NM below 13500ft.

185°-230° beyond 25NM below 17500ft.

203°-213° beyond 22NM below 13000ft.

230°-270° beyond 25NM below 12500ft.

DME unusable:

105°-150° beyond 25NM.

105°-210° beyond 15NM below 11100ft.

105°-210° beyond 20NM below 12000ft.

150°-165° beyond 25NM below 17000ft.

165°-185° beyond 25NM below 13500ft.

185°-210° beyond 25NM.

203°-213° beyond 22NM below 13000ft.

210°-250° beyond 15NM below 12000ft.

210°-250° beyond 25NM below 17500ft.

250°-300° beyond 25NM below 14000ft.

320°-035° beyond 25NM below 13000ft.

ILS RWY 27 LOC BC unusable:

beyond 22°right of course

within 2.7NM

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

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

HLN-KHLN

1-20

AOI

ARRIVAL**Arrival Procedure**

VFR Traffic Pattern: RWY 27, 23, 35 right-hand circuit.

DEPARTURE**Take-off Minima**

RWY		09	
ft- ft/SM		SID HELENA	
1+2 ENG	0 - 1.0V	MNM climb gradient 4.0% up to 8100	
3+4 ENG	0 - 0.5V		
		SID SIEBE	
1+2 ENG	0 - 1.0V	MNM climb gradient 4.5% up to 9000	
3+4 ENG	0 - 0.5V		
		SID STAKK	
1+2 ENG	0 - 1.0V	MNM climb gradient 6.9% up to 10200	
3+4 ENG	0 - 0.5V		
		All other departures (DIVIDE)	
1+2 ENG	0 - 1.0V	MNM climb gradient 4.0% up to 8100	
3+4 ENG	0 - 0.5V		
All ACFT	c2200 - 3.0V	Climb in visual conditions	

RWY		27	
ft- ft/SM		SID STAKK	
1+2 ENG	0 - 1.0V	MNM climb gradient 5.6% up to 10200	
3+4 ENG	0 - 0.5V		
		SID SIEBE	
1+2 ENG	0 - 1.0V	MNM climb gradient 6.5% up to 7200	
3+4 ENG	0 - 0.5V		
		SID HELENA	
1+2 ENG	0 - 1.0V	MNM climb gradient 6.5% up to 8100	
3+4 ENG	0 - 0.5V		
		All other departures (DIVIDE)	
1+2 ENG	0 - 1.0V	MNM climb gradient 6.5% up to 8100	
3+4 ENG	0 - 0.5V		
All ACFT	c2200 - 3.0V	Climb in visual conditions	

Speed

MAX IAS 250KT below 10000ft.

Communication

COM Failure: See CRAR United States.

05-JAN-2017

United States Helena Helena Rgnl

AGC

AFC

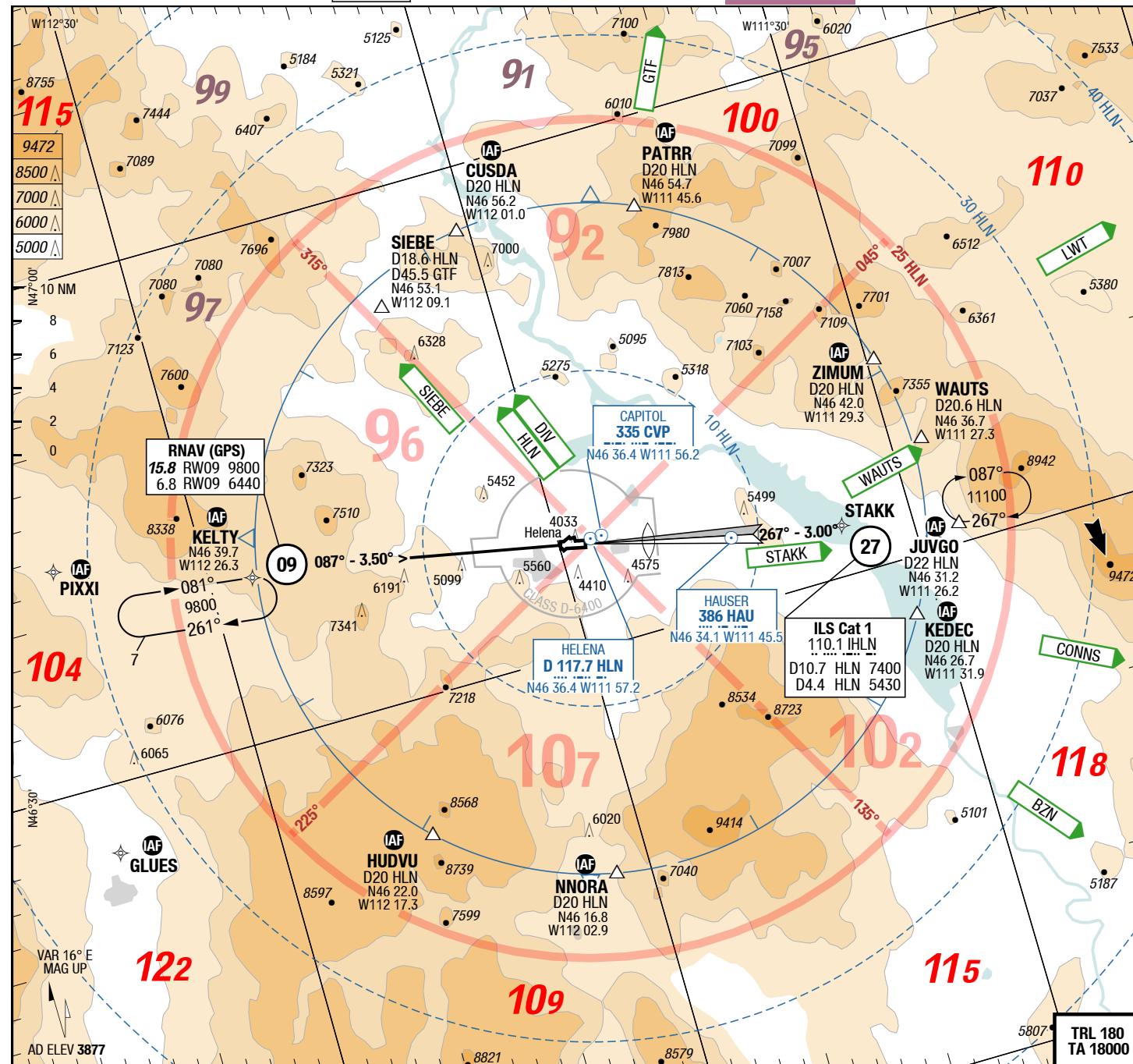
Helena Rgnl Helena United States

AGC

AFC

HLN-KHLN

2-10



Changes: TDZE, OBST

ATIS
Salt Lake Center

APP

DEP

TWR

CTAF
UNICOM
GND
RCO (Great Falls RDO)

120.400 ASOS

133.400 Mon-Fri 0700-1300‡ Sat-Sun 0500-1300‡

119.500 Mon-Fri 1300-0700‡ Sat-Sun 1300-0500‡

119.500 Mon-Fri 1300-0700‡ Sat-Sun 1300-0500‡

118.300 Mon-Fri 1300-0700‡ Sat-Sun 1300-0500‡

118.300 ARCAL

122.950

121.900

122.550

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Helena Rgnl **Helena** United States

HLN-KHLN

3-20

AGC

AGO

ATIS TWR

- 120.400 ASOS
- 118.300 Mon-Fri 1300-0700‡
Sat-Sun 1300-0500‡

CTAF UNICOM GND RCO (Great Falls RDO)

- 118.300 ARCAL
- 122.950
- 121.900
- 122.550

GENERAL AVIATION RAMP

AIR CARRIER RAMP

MNG & USFS FIRE RETARDANT RAMP

MNG HELICOPTER RAMP

AIR CARGO RAMP

Runway profile 17: 1.7% incline from 3812' to 3862'.

Runway profile 23: 1.2% incline from 3820' to 3862'.

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

VAR 16° E
MAG UP

AD ELEV 3877

W111°59'
N46°37'

W111°58'
N46°36.5'

05/23

1415 x 23

2743 x 46

ARP
N 46°36.4'
W 111°59.0'

05 087° 3864

05 050° 3877

10 087° 3864

28 087° 3864

35 343° 3862

23 230° 3820

17 163° 3812

27 267° 3845

F G F F E E C C

0 500 1000 1500 2000 2500 3000

m ft

Changes: Nil

Effective 21-JUL-2016

14-JUL-2016

HLN-KHLN

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STAKK 4

4-10 HELENA 4 (HLN 4) / SIEBE 3

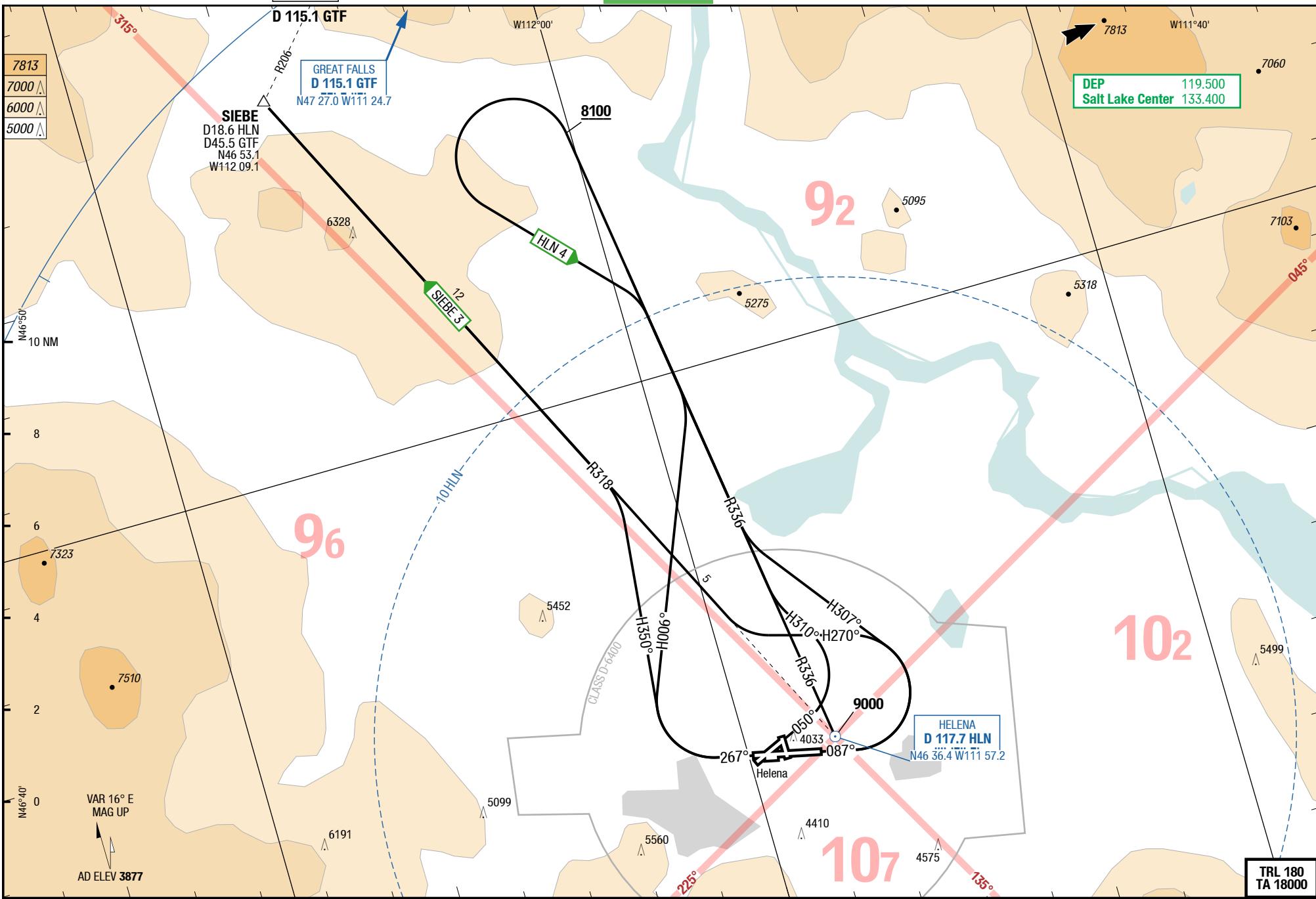
Helena Rgnl Helena United States

STAKK 4

HELENA 4 (HLN 4) / SIEBE 3

SID

SID



Changes: PROC renumbered

Effective 21-JUL-2016

14-JUL-2016

HLN-KHLN

United States Helena Helena Rgnl

4-20

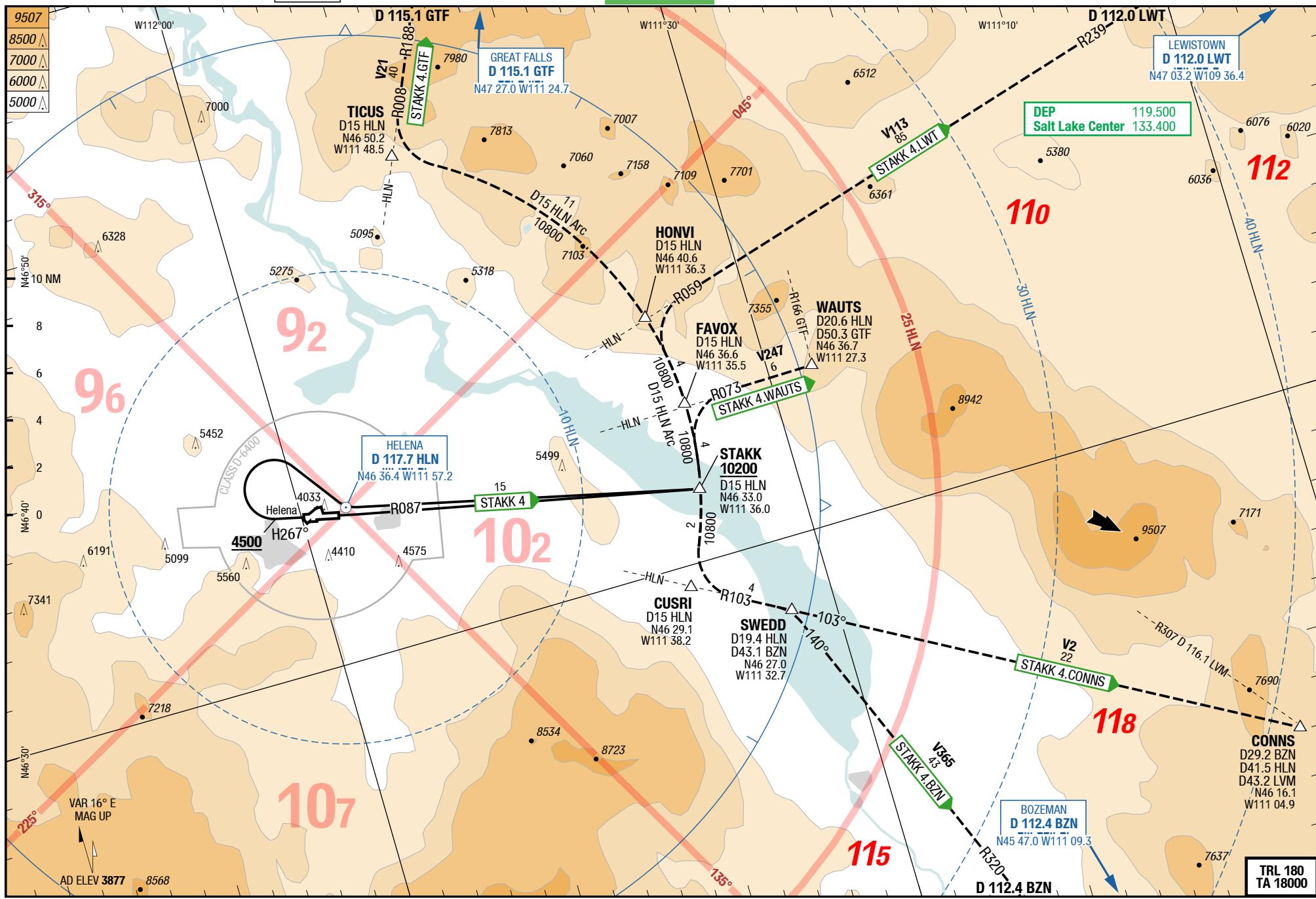
STAKK 4

SID

SID

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STAKK 4



Changes: PROC renumbered

07-AUG-2014

United States **Helena** Helena Rgnl

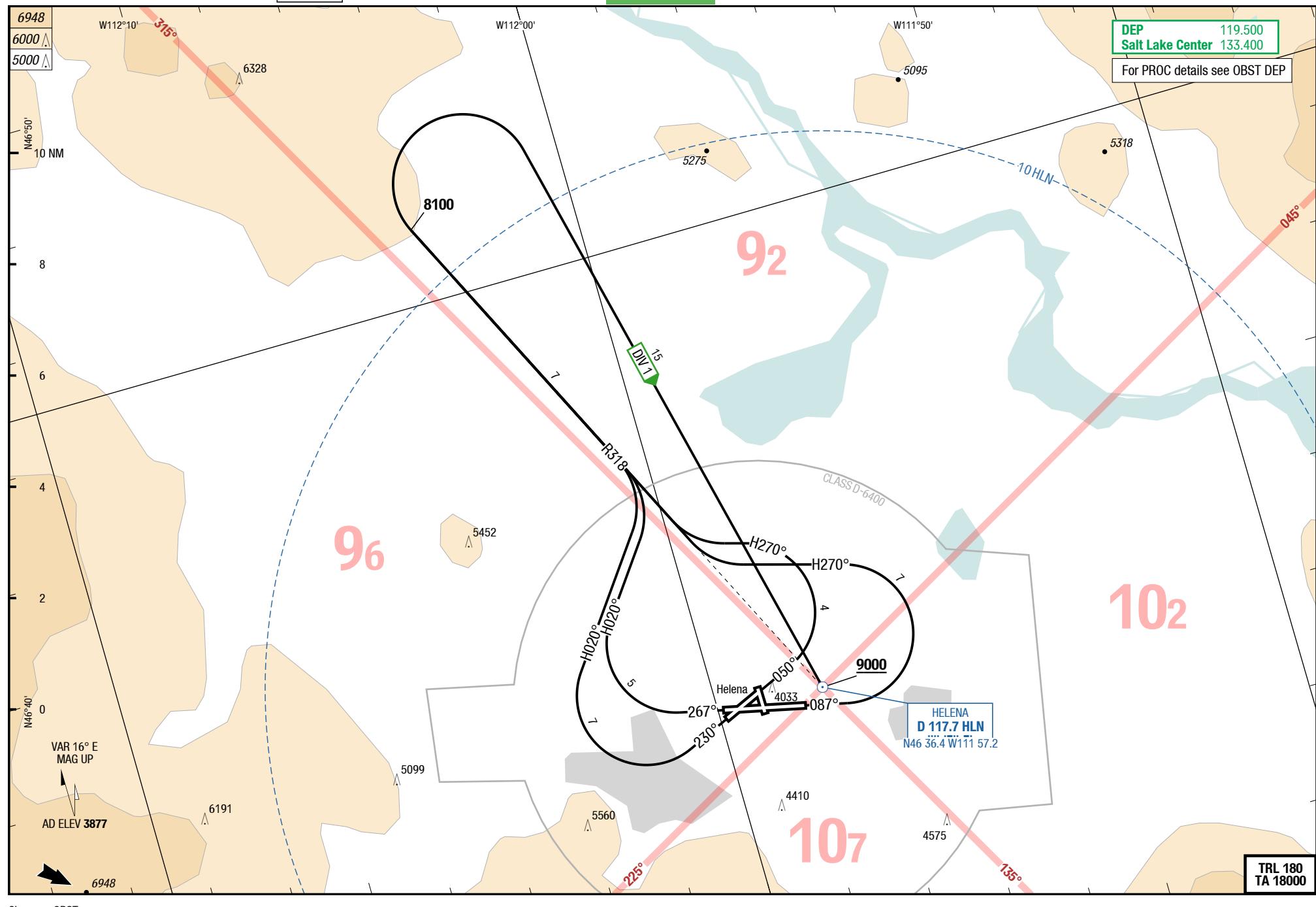
S/D

Helena Rgnl **Helena** United States

HLN-KHLN

4-30 OBST DEP DIVIDE 1 (DIV 1)

OBST DEP DIVIDE 1 (DIV 1)



HLN-KHLN**5-10****HELENA 4 (HLN 4) / SIEBE 3****HELENA 4 / SIEBE 3**

RWYs 05 (050°) / 09 (087°) / 27 (267°)

DESIGNATOR	ROUTING	ALTITUDES
HELENA 4 HLN 4 119,500		HLN at 9000
RWY 05	LT HDG 310° - intercept R336 HLN - at MNM 8100 LT intercept R336 HLN to HLN	
RWY 09	LT HDG 307° - intercept R336 HLN - at MNM 8100 LT intercept R336 HLN to HLN	
RWY 27	RT HDG 006° - intercept R336 HLN - at MNM 8100 LT intercept R336 HLN to HLN	
SIEBE 3 119,500		
RWY 09	LT HDG 270° - intercept R318 HLN to SIEBE	
RWY 27	RT HDG 350° - intercept R318 HLN to SIEBE	

HLN-KHLN**5-20****STAKK 4****STAKK 4**

RWYs 09 (087°) / 27 (267°)

DESIGNATOR	ROUTING	ALTITUDES
STAKK 4 119.500		STAKK MNM 10200
RWY 09	LT intercept R087 HLN to STAKK	
RWY 27	HDG 267° - at MNM 4500 RT direct HLN - R087 HLN to STAKK	
	TRANSITION	
	BOZEMAN (BZN) at STAKK RT follow D15 HLN arc to CUSRI - LT intercept R103 HLN to SWEDD - RT 140°/R320 BZN to BZN	
	CONNNS at STAKK RT follow D15 HLN arc to CUSRI - LT intercept R103 HLN to SWEDD - CONNNS	
	GREAT FALLS (GTF) at STAKK LT follow D15 HLN arc to FAVOX - HONVI - TICUS - RT intercept R008 HLN/R188 GTF to GTF	
	LEWISTOWN (LWT) at STAKK LT follow D15 HLN arc to FAVOX - HONVI - RT intercept R059 HLN/R239 LWT to LWT	
	WAUTS at STAKK LT follow D15 HLN arc to FAVOX - RT intercept R073 HLN to WAUTS	

HLN-KHLN

5-30

Obstacle Departure

SIDPT

Obstacle Departure

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100
4.2%	ft/MIN	600	700	800	900	1100	1200
6.5%	ft/MIN	800	1000	1200	1400	1600	1800
7.4%	ft/MIN	900	1200	1400	1600	1800	2100

RWY	Routing
05	<p>Obstacle Departure: LT HDG 270° - climb northwest bound on R318 HLN - at 8100 RT direct HLN - HLN MNM 9000 BPOC</p> <p>Visual Climb Over Airport (VCOA): Climb in Visual Conditions (MNM ceiling 2200ft, MNM Visibility 3SM) - cross airport northbound at MNM 5900 - intercept R336 HLN to WOKEN BPOC. MNM 4.2% to 8100 (250ft/NM)</p>
09	<p>Obstacle Departure: LT HDG 270° - climb northwest bound on R318 HLN - at 8100 RT direct HLN - HLN MNM 9000 BPOC</p> <p>Visual Climb Over Airport (VCOA): Climb in Visual Conditions (MNM ceiling 2200ft, MNM Visibility 3SM) - cross airport northbound at MNM 5900 - intercept R336 HLN to WOKEN BPOC. MNM 4% to 8100 (240ft/NM)</p>
23	<p>Obstacle Departure: RT HDG 020° - climb northwest bound on R318 HLN - at 8100 RT direct HLN - HLN MNM 9000 BPOC</p> <p>Visual Climb Over Airport (VCOA): Climb in Visual Conditions (MNM ceiling 2200ft, MNM Visibility 3SM) - cross airport northbound at MNM 5900 - intercept R336 HLN to WOKEN BPOC. MNM 7.4% to 8100 (450ft/NM)</p>
27	<p>Obstacle Departure: RT HDG 020° - climb northwest bound on R318 HLN - at 8100 RT direct HLN - HLN MNM 9000 BPOC</p> <p>Visual Climb Over Airport (VCOA): Climb in Visual Conditions (MNM ceiling 2200ft, MNM Visibility 3SM) - cross airport northbound at MNM 5900 - intercept R336 HLN to WOKEN BPOC. MNM 6.5% to 8100 (390ft/NM)</p>

07-AUG-2014

HLN-KHLN**5-40****Obstacle Departure 2**

SIDPT

Obstacle Departure

RWY	Notes
05	Trees beginning 991ft from DER, 630ft right of centerline, up to 100ft AGL/3939ft MSL. Rising terrain beginning 5ft from DER, 495ft right of centerline, up to 3826ft MSL. Fence beginning 423ft from DER, 332ft right of centerline, up to 12ft AGL/3832ft MSL.
09	Trees beginning 1391ft from DER, 50ft left of centerline, up to 100ft AGL/3979ft MSL. Trees beginning 2928ft from DER, 878ft right of centerline, up to 100ft AGL/3979ft MSL.
23	Tower 4488ft from DER, 357ft left of centerline, 131ft AGL/4054ft MSL. Poles beginning 1329ft from DER, 3ft left of centerline, up to 55ft AGL/3996ft MSL. Trees beginning 1011ft from DER, 37ft left of centerline, up to 100ft AGL/4059ft MSL. Rod on building 953ft from DER, 321ft left of centerline, 44ft AGL/3943ft MSL. Road (I) 2374ft from DER, 771ft left of centerline, up to 17ft AGL/3972ft MSL. Oil on hangar 457ft from DER, 219ft left of centerline, 43ft AGL/3905ft MSL. Trees beginning 1519ft from DER, 142ft right of centerline, up to 52ft AGL/4011ft MSL. Poles beginning 1379ft from DER, 57ft right of centerline, up to 46ft AGL/3965ft MSL. Antenna on building 316ft from DER, 352ft right of centerline, 34ft AGL/3913ft MSL. Building 584ft from DER, 470ft right of centerline, up to 49ft AGL/3948ft MSL.
27	Trees beginning 1079ft from DER, 616ft left of centerline, up to 100ft AGL/3999ft MSL. Building 1593ft from DER, 731ft left of centerline, 18ft AGL/3917ft MSL. Rising terrain beginning 101ft from DER, 347ft left of centerline, up to 3871ft MSL. Trees beginning 333ft from DER, 507ft right of centerline, up to 100ft AGL/3959ft MSL.

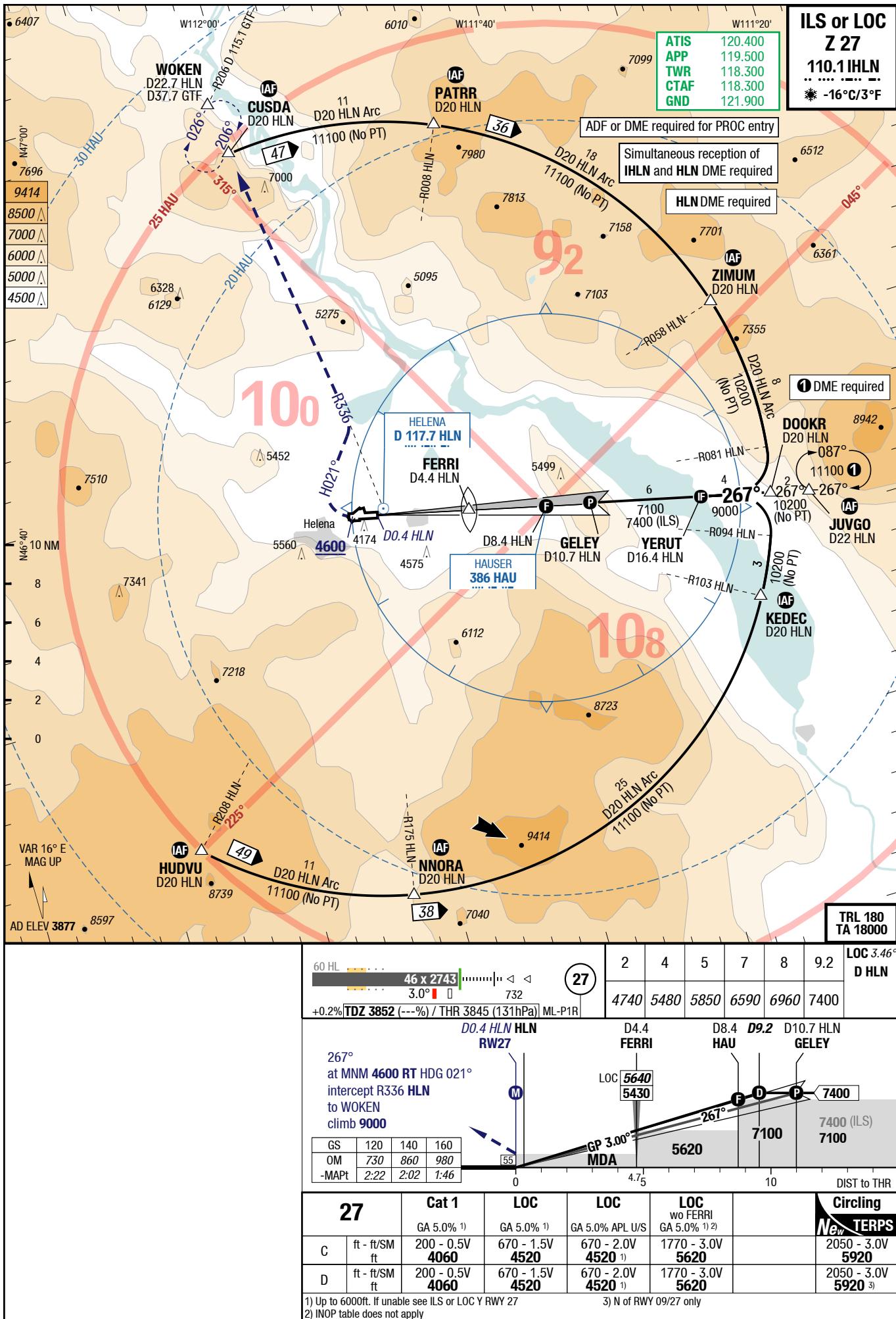
05-JAN-2017

HLN-KHLN

7-10 United States Helena Helena Rgnl
ILS or LOC Y 27

IAC

ILS or LOC Z 27



05-JAN-2017

HLN-KHLN

7-20

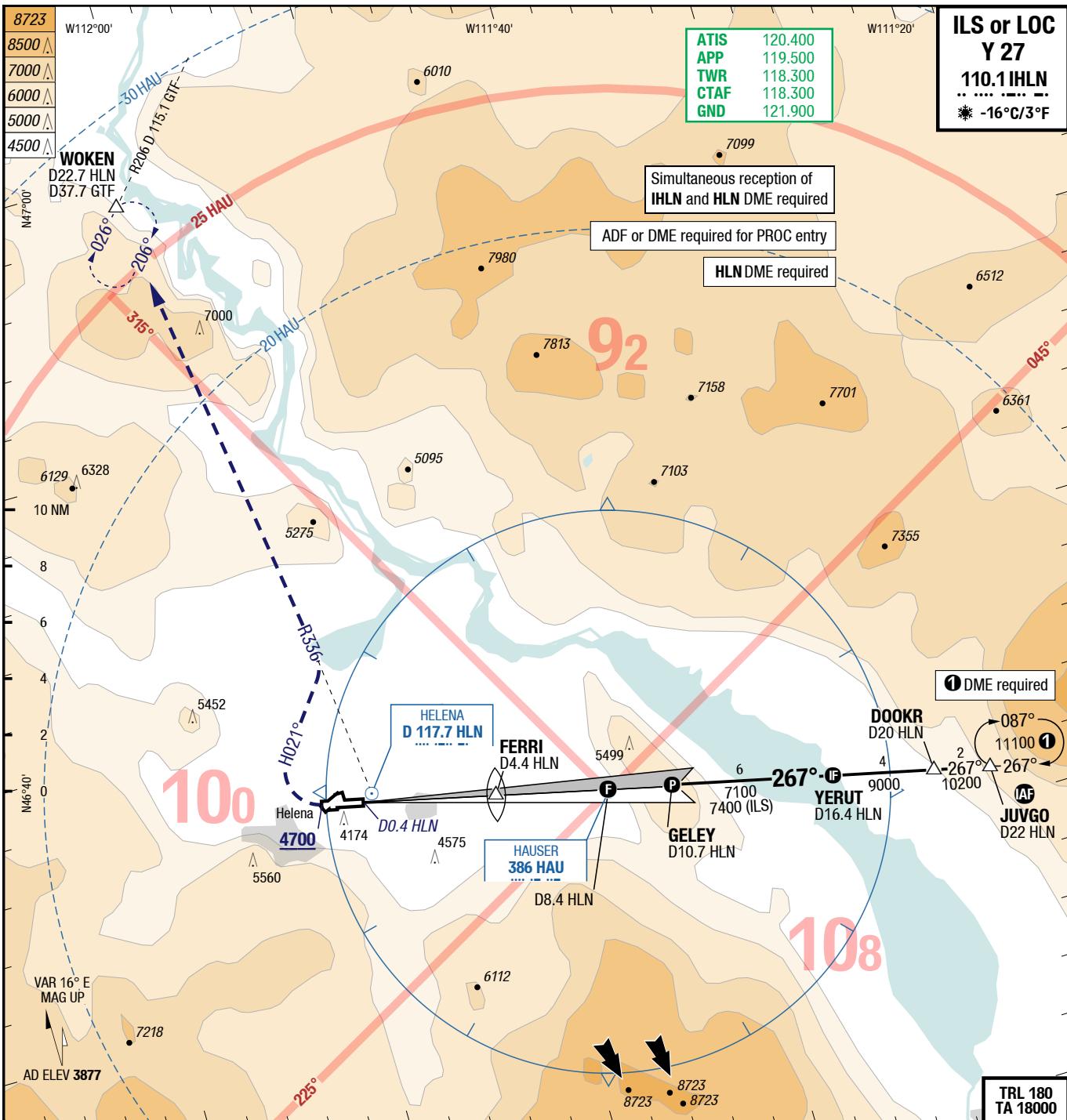
ILS or LOC Y 27

IAC

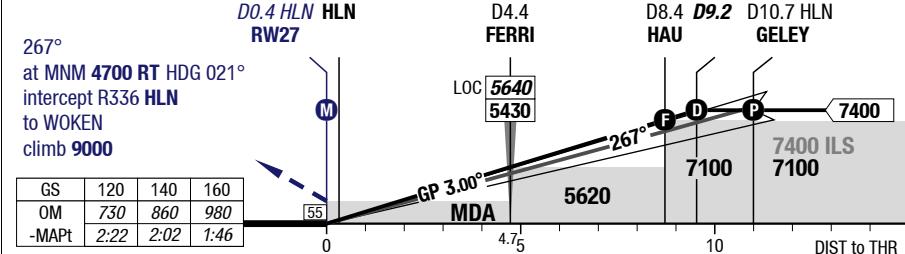
IAC

ILS or LOC Y 27

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60 HLN	46 x 2743	3.0°	732	(27)	2	4	5	7	8	9.2	LOC 3.46° D HLN
+0.2% TDZ 3852 (---%) / THR 3845 (131hPa) ML-P1R					4740	5480	5850	6590	6960	7400	



27		Cat 1 ¹⁾	Cat 1 APL U/S ²⁾	LOC	LOC APL U/S ³⁾	Circling TERPS	Circling ⁴⁾ TERPS
C	ft - ft/SM ft	560 - 1.38V 4410	560 - 2.0V 4410	730 - 1.75V 4580	730 - 2.0V 4580	870 - 2.5V 4740	1770 - 3.0V 5650
D	ft - ft/SM ft	560 - 1.38V 4410	560 - 2.0V 4410	730 - 1.75V 4580	730 - 2.0V 4580	870 - 2.75V 4740⁵⁾	1770 - 3.0V 5650⁵⁾

1) With EVS VIS 1.0SM
2) With EVS VIS 1.3SM

3) Timing to determine MAPt NA

4) wo FERRI

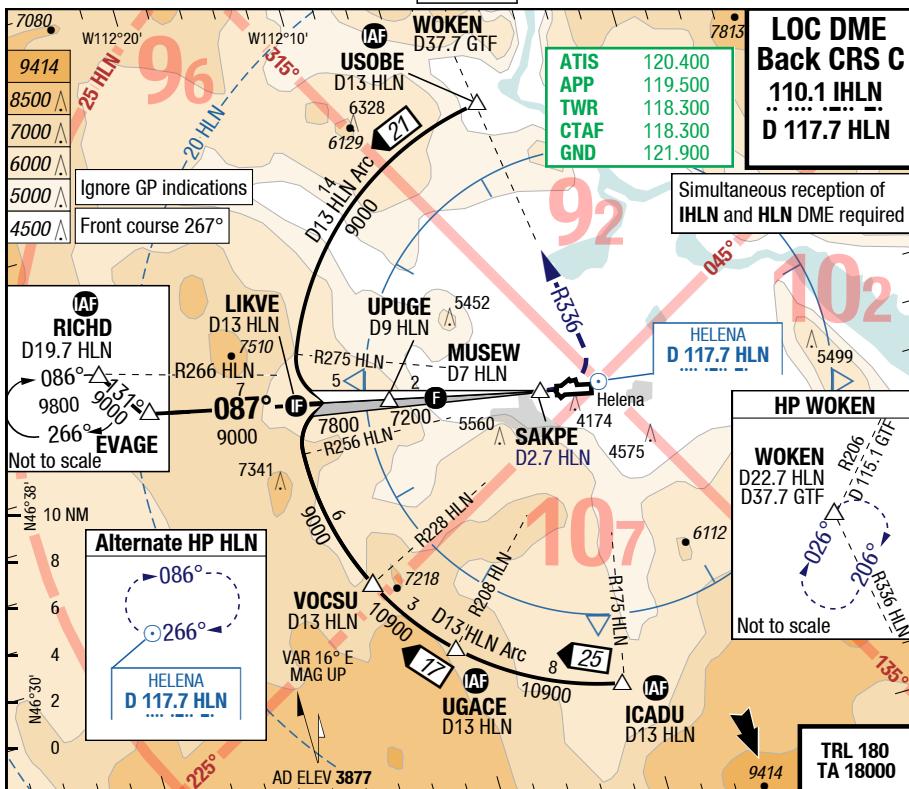
5) N of RWY 09/27 only

05-JAN-2017

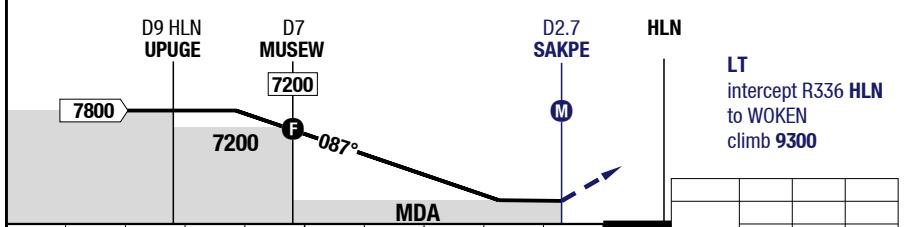
HLN-KHLN

7-30

LOC DME Back CRS C



See AFC for RWY information
and approach light system.



All RWYs		Circling 1) 2) 3)	
TERPs	TERPS	TERPS	TERPS
C	ft - ft/SM ft		1270 - 3.0V 5140
D	ft - ft/SM ft		Not authorized

1) when VGS INOP to RWY 09 and RWY 23 HJ only
2) Use with Helena (KHLN) QNH only
3) To RWY 05 and RWY 35 HJ only

05-JAN-2017

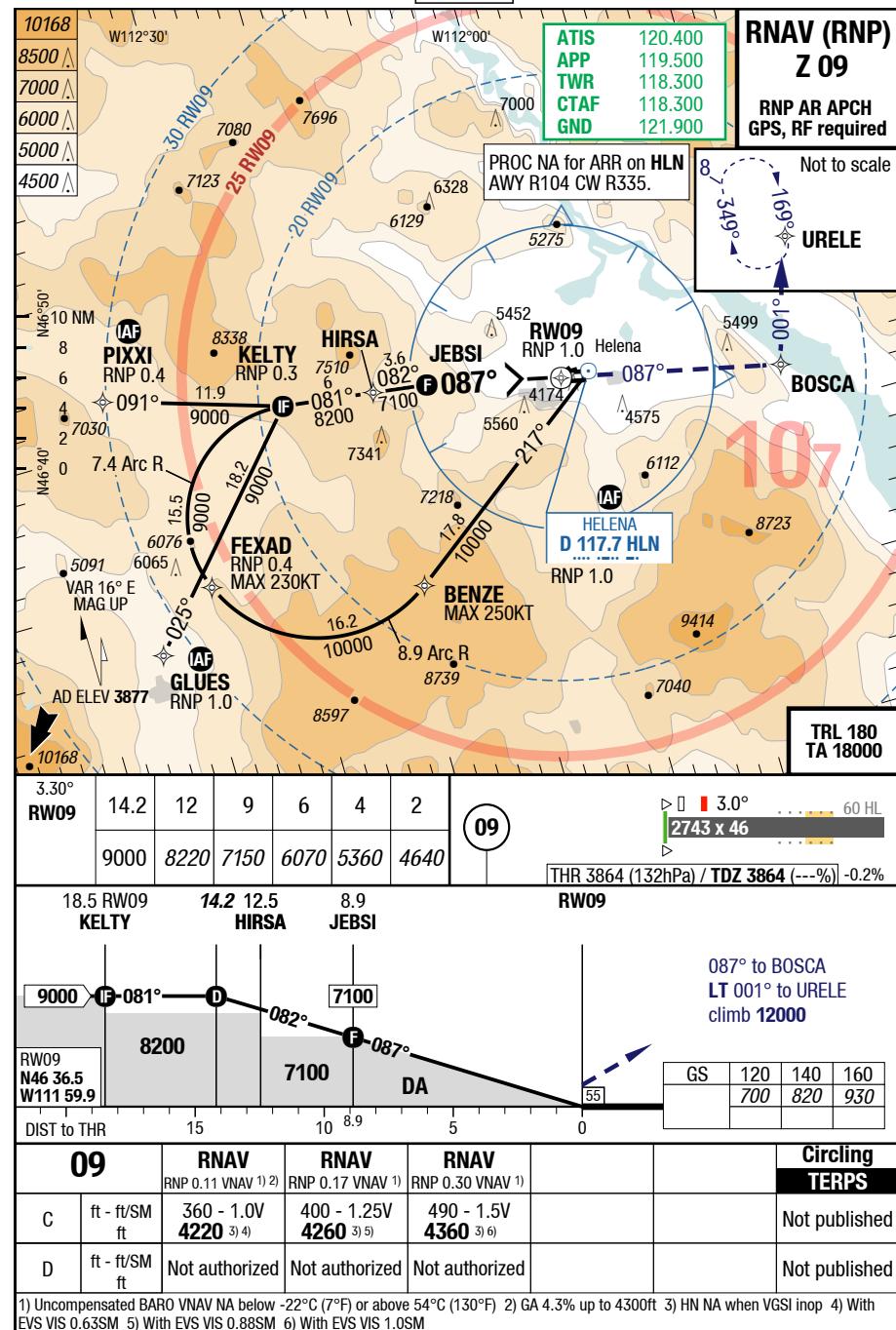
HLN-KHLN

United States Helena Helena Rgnl

RNAV (RNP) Z 27

7-50

RNAV (RNP) Z 09



Helena Rgnl Helena United States

RNAV (RNP) Z 27

RNAV (RNP) Z 09

IAC

IAC

05-JAN-2017

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HLN-KHLN

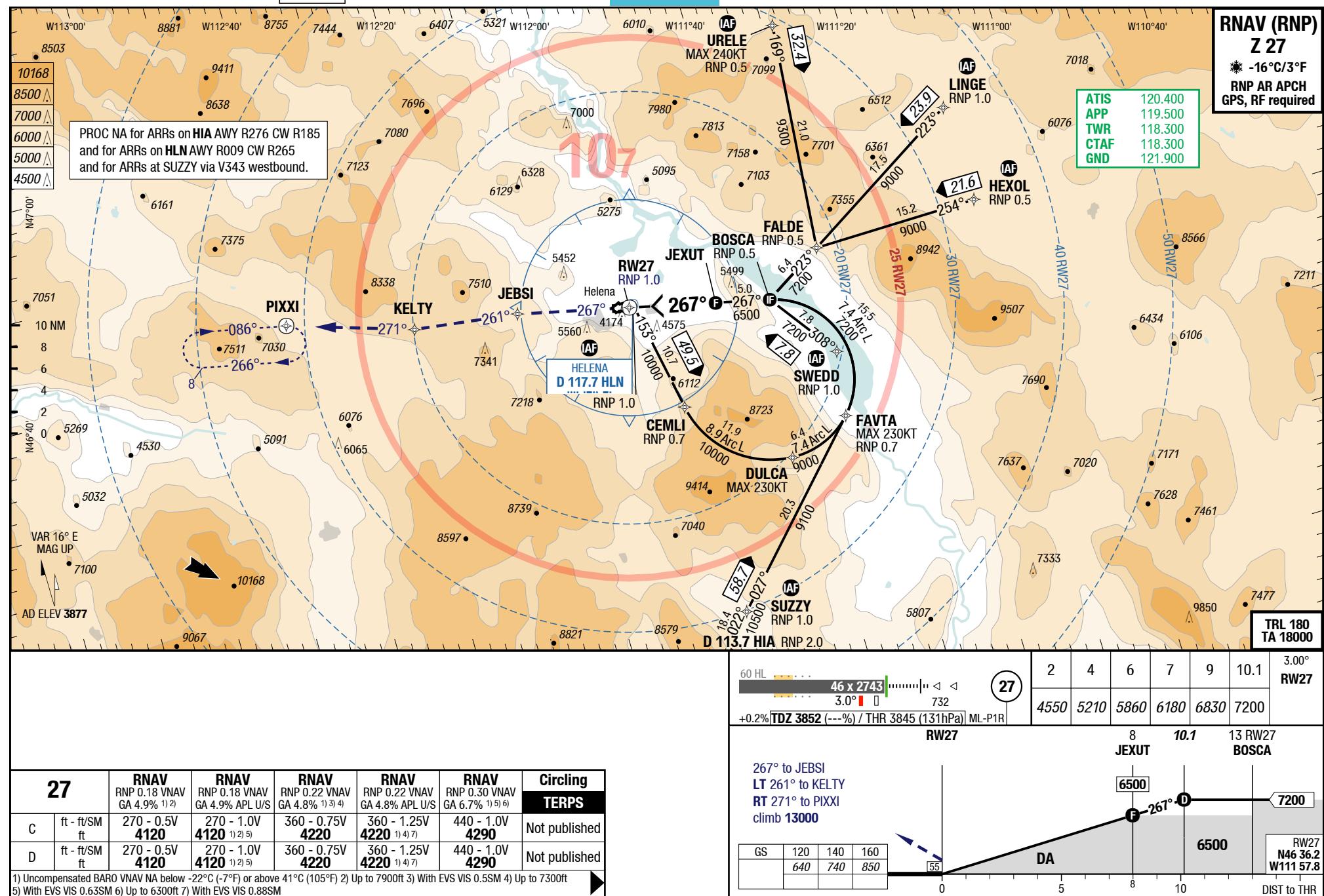
7-60

RNAV (RNP) Z 27

IAC

IAC

Helena Rgnl Helena United States



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United States Helena Helena Rgnl

IAC

IAC

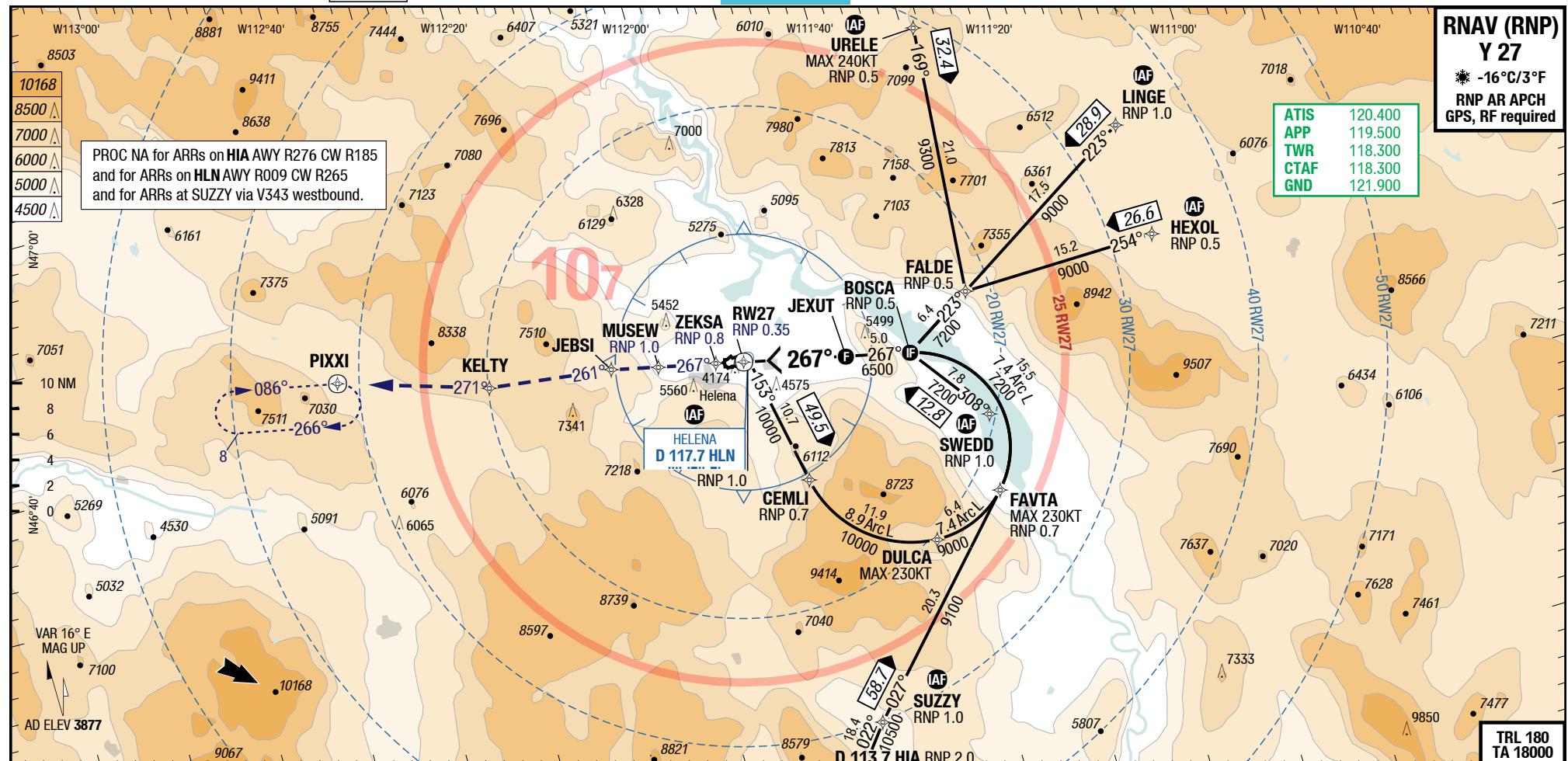
Helena Rgnl Helena United States

NIL

HLN-KHLN

7-70

RNAV (RNP) Y 27



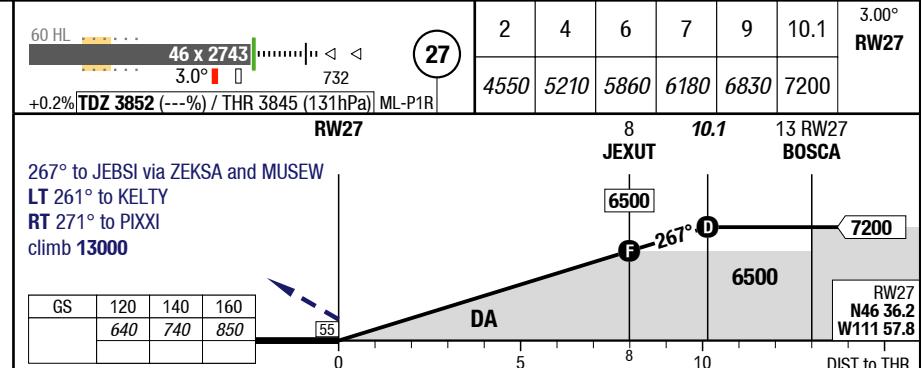
27		RNAV RNP 0.22 VNAV GA 4.8% ¹⁾ ₂₎	RNAV RNP 0.22 VNAV GA 4.8% APL U/S	RNAV RNP 0.30 VNAV GA 4.5% ¹⁾ ₃₎ ₄₎	RNAV RNP 0.30 VNAV GA 4.5% APL U/S	Circling TERPS
C	ft - ft/SM ft	290 - 0.5V 4140	290 - 1.0V 4140 ¹⁾ ₂₎ ₃₎	450 - 1.0V 4300	450 - 1.5V 4300 ¹⁾ ₄₎ ₅₎	Not published
D	ft - ft/SM ft	290 - 0.5V 4140	290 - 1.0V 4140 ¹⁾ ₂₎ ₃₎	450 - 1.0V 4300	450 - 1.5V 4300 ¹⁾ ₄₎ ₅₎	Not published

1) Uncompensated BARO VNAV NA below -22°C (-7°F) or above 41°C (105°F) 2) Up to 7700ft. If unable see RNAV (RNP) ZULU RWY 27

3) With EVS VIS 0.63SM 4) Up to 7600ft. If unable see RNAV (RNP) ZULU RWY 27 5) With EVS VIS 1.0SM

Changes: TDZE, PROC, OBST, TOPO

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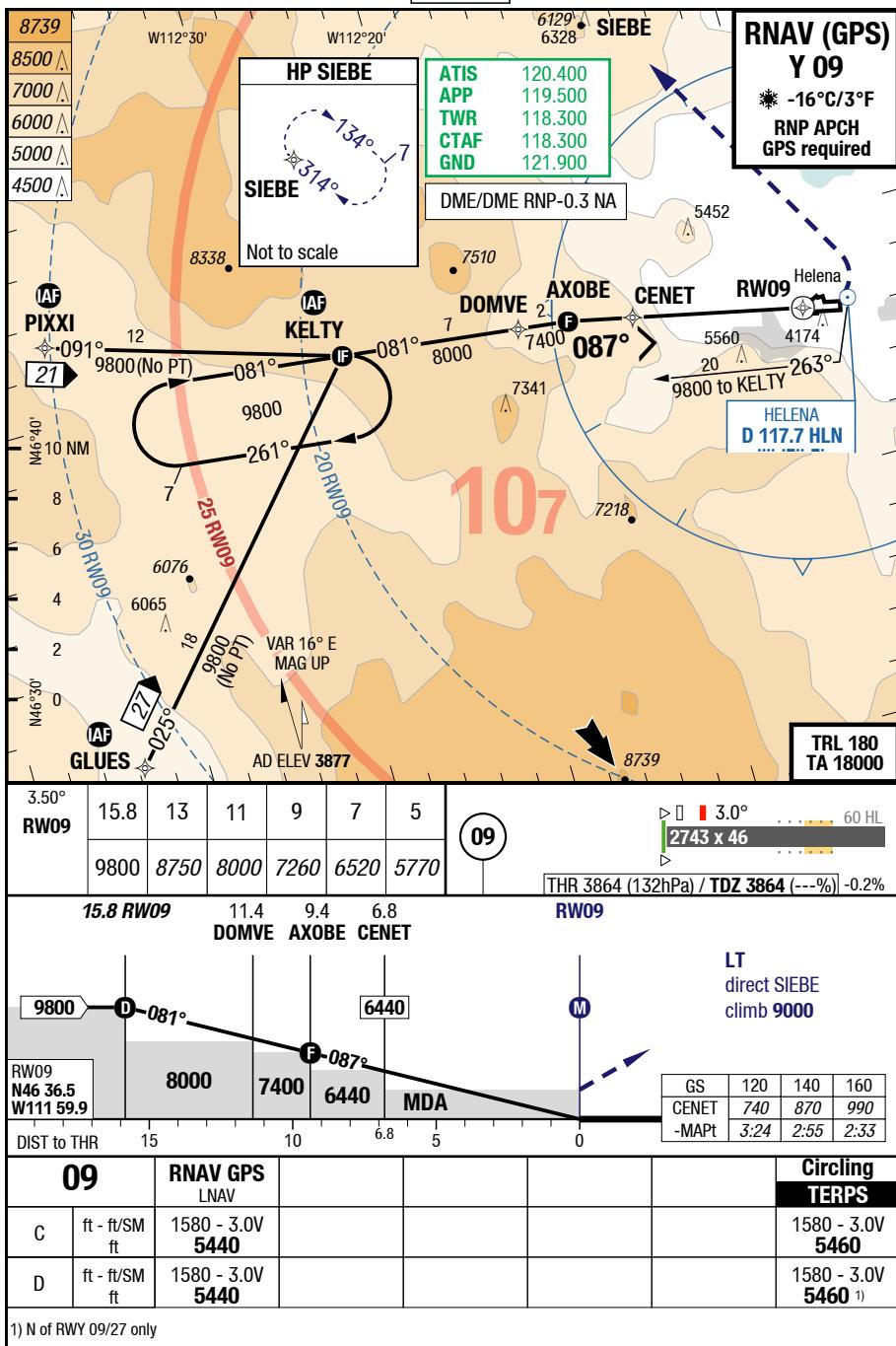
05-JAN-2017

United States Helena Helena Rgnl

HLN-KHLN

7-90

RNAV (GPS) Y 09



Changes: TDZE, OBST

AMDT 1A

05-JAN-2017

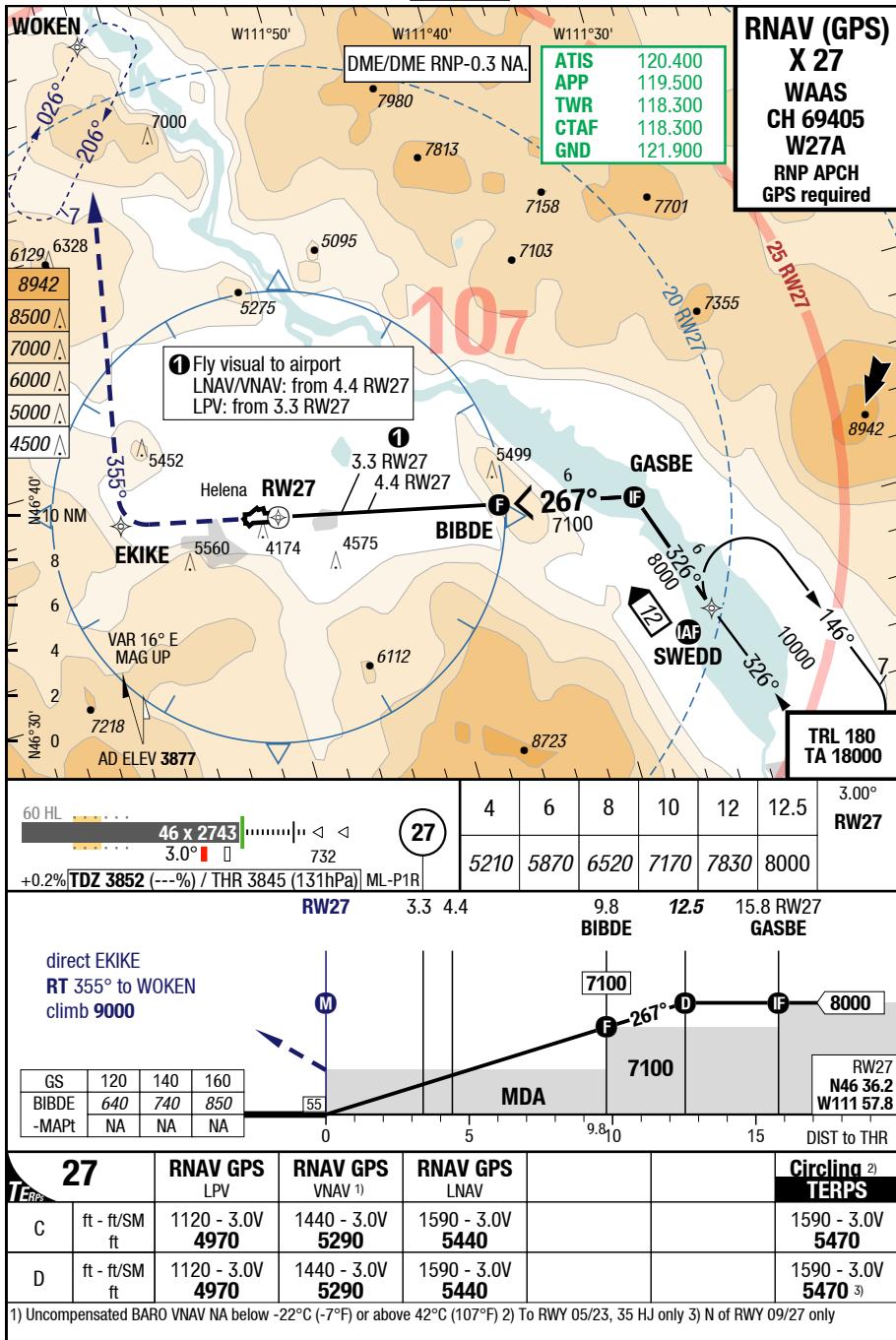
United States Helena Helena Rgnl

IAC

HLN-KHLN

7-100

RNAV (GPS) X 27



05-JAN-2017

HLN-KHLN

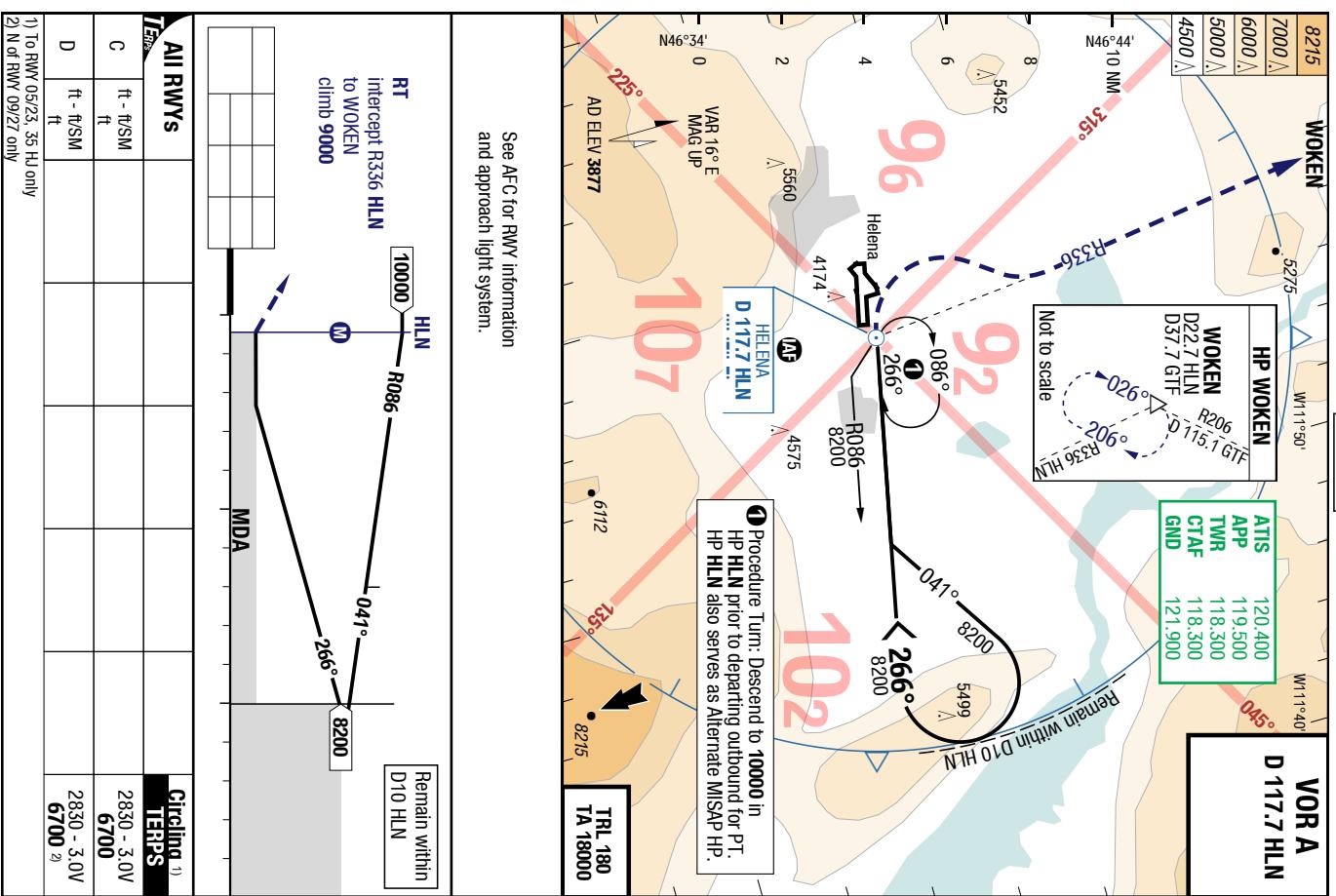
7-110

United States Helena Rgn

VOR DOME B

VOR A

VOR A **VOR DME B** **Helena Rgn| Helena United States**



Changes: chart title, MIN, HLDG

05-JAN-2017

United States Helena Rgnl

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Helena Rgnl Helena United States

HLN-KHLN

7-120

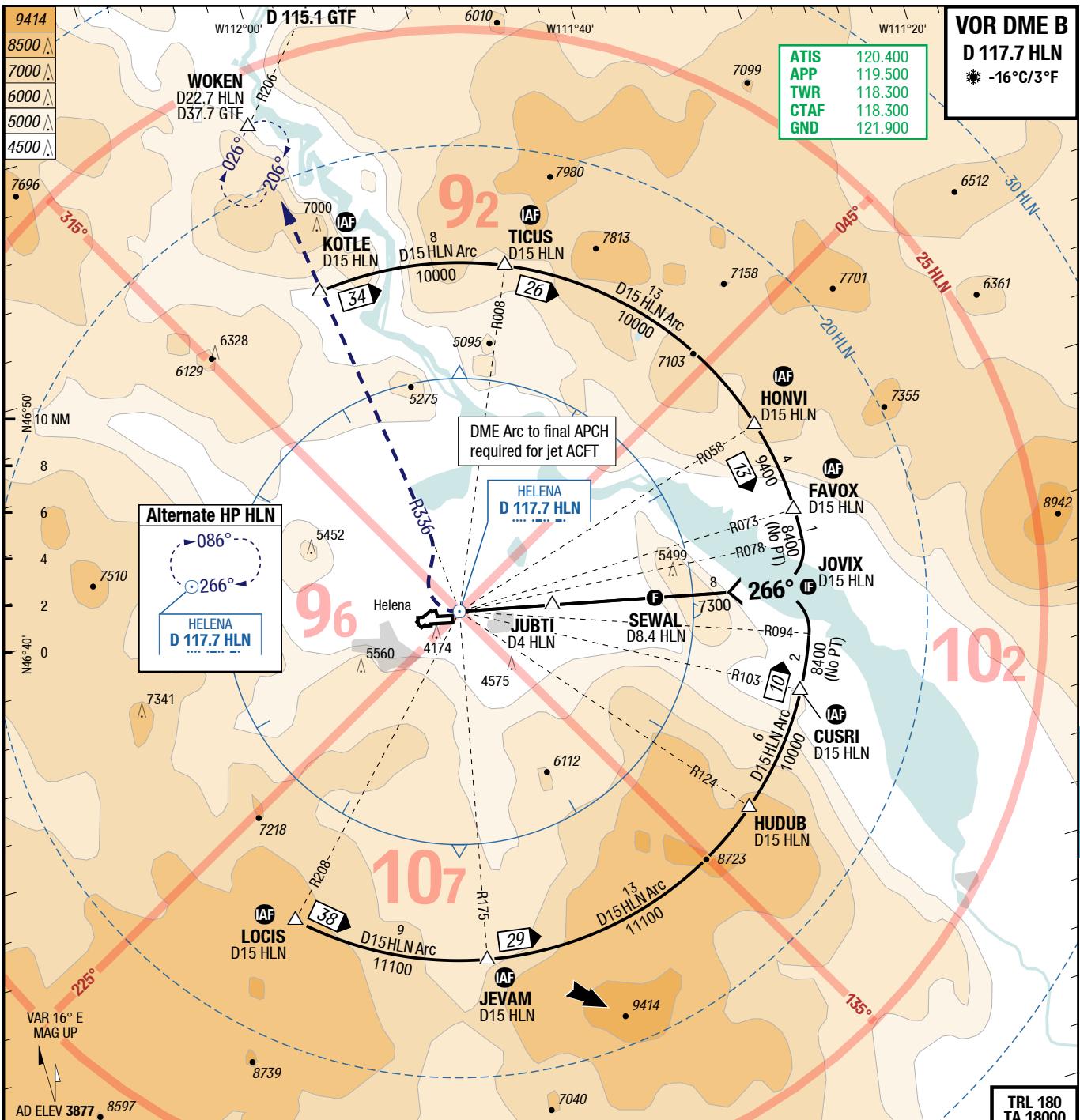
VOR DME B

IAC

VOR DME B

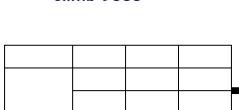
VOR DME B
D 117.7 HLN
* -16°C/3°F

ATIS	120.400
APP	119.500
TWR	118.300
CTAF	118.300
GND	121.900



See AFC for RWY information
and approach light system.

RT
intercept R336 HLN
to WOKEN
climb 9000



D4 JUBTI

D8.4 HLN SEWAL

**All RWYs**

TERPS	C	ft - ft/SM
		ft
	D	ft - ft/SM
		ft

Circling TERPS

890 - 2.75V
4760
890 - 3.0V
4760¹⁾

1) N of RWY 09/27 only

05-JAN-2017

HLN-KHLN**7-130****WxMinima Overflow**

27		LOC wo FERRI					
C	ft - ft/SM ft	1770 - 3.0V 5620					
D	ft - ft/SM ft	1770 - 3.0V 5620					

27		RNAV RNP 0.30 VNAV GA 6.7% APL U/S	RNAV RNP 0.30 VNAV GA 2.5% 1) 2)				
C	ft - ft/SM ft	440 - 1.5V 4290 1) 3) 4)	1020 - 4.0V 4870				
D	ft - ft/SM ft	440 - 1.5V 4290 1) 3) 4)	1020 - 4.0V 4870				

1) Uncompensated BARO VNAV NA below -22°C (-7°F) or above 41°C (105°F) 2) INOP table does not apply 3) With EVS VIS 1.0SM 4) Up to 6300ft