

23-NOV-2017

BOI-KBOI**1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** H24**AD OPS Hours:** Attended continuously**Airport Information****RFF:** FAA Index C / CAT 7**Fuel:** Jet A+**PCN:** RWY 10L/28R: 105/F/C/W/T

RWY 10R/28L: 76/F/B/W/T

Customs: MON-FRI 1400-0130‡, 24HR PN**Operation****TWY Restrictions**

All TWYs CLSD to ACFT with wingspan above 44.8m / 147ft, except 1 HR PPR.

TWY S MAX wingspan 29m / 95ft.

Low Visibility Procedures

Surface Movement Guidance and Control System (SMGCS) in use and LVP activated when RVR is reported at or below 1200ft.

RWY 10R will be preferential RWY when RVR BTN 1200ft and 500ft. RWY 28L used when required for DEPs only.

Follow-me available O/R.

VOR Test Facility (VOT): 116.7**Warnings****BOI VOR** unusable:

R001-R044 beyond 22NM below 11000ft.

BOI DME unusable:

R010-R060 beyond 12NM below 13000ft.

R010-R060 beyond 27NM below 15500ft.

R348-R010 beyond 20NM below 13000ft.

R348-R010 beyond 27NM below 15500ft.

I-AAD LOC/DME RWY 28R unusable:

DME: beyond 12NM below 6000ft.

LOC: beyond 12NM below 6000ft.

I-AAD GS unusable:

beyond 6NM below 4700ft.

Extensive Helicopter OPS up to 3500ft within 1NM E and W and 5NM S of RWY 10R/28L.

Portions of TWY K and the southwest ramp not visible to ATC.

Birds in vicinity of AD.

23-NOV-2017

BOI-KBOI

1-20

AOI

AOI

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR United States.**Arrival Procedure****VFR Traffic Pattern:** RWY 28R, 10R right-hand circuit.**RNAV (GPS) RWY 28L/28R:** PROC NA for ARR at CANEK on V4 - 253 - 330 southeastbound.**Non-standard GP intercept position on
RWY 28R**GP intercepts RWY 28R at 320m / 1049ft after landing threshold.
Remaining LDG DIST beyond GP is 2728m / 8951ft.**RWY 10R**GP intercepts RWY 28R at 337m / 1107ft after landing threshold.
Remaining LDG DIST beyond GP is 2639m / 8656ft.**DEPARTURE****| Take-off Minima**

RWY		28L	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-

RWY		10R	
		SID GOWEN	
1+2 ENG		0 - 5000R/1.0V	
3+4 ENG		0 - 2400R/0.5V	MNM climb gradient 3.4% up to 4300
ft - ft/SM		SID BOISE	
1+2 ENG		0 - 5000R/1.0V	
3+4 ENG		0 - 2400R/0.5V	MNM climb gradient 4.0% up to 5700

RWY		28R	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-

RWY		10L	
		SID GOWEN	
1+2 ENG		0 - 1.0V	
3+4 ENG		0 - 0.5V	MNM climb gradient 3.5% up to 4300
ft - ft/SM		SID BOISE	
1+2 ENG		0 - 1.0V	
3+4 ENG		0 - 0.5V	MNM climb gradient 4.0% up to 5700

BOI-KBOI

1-30

AOI

AOI

DEPARTURE

Speed

MAX IAS 250KT below 10000ft.

Communication

COM Failure: See CRAR United States and in addition;

BOISE

If not in contact with DEP at 10000ft, or assigned ALT if lower, continue climb to assigned ALT and thence via assigned route.

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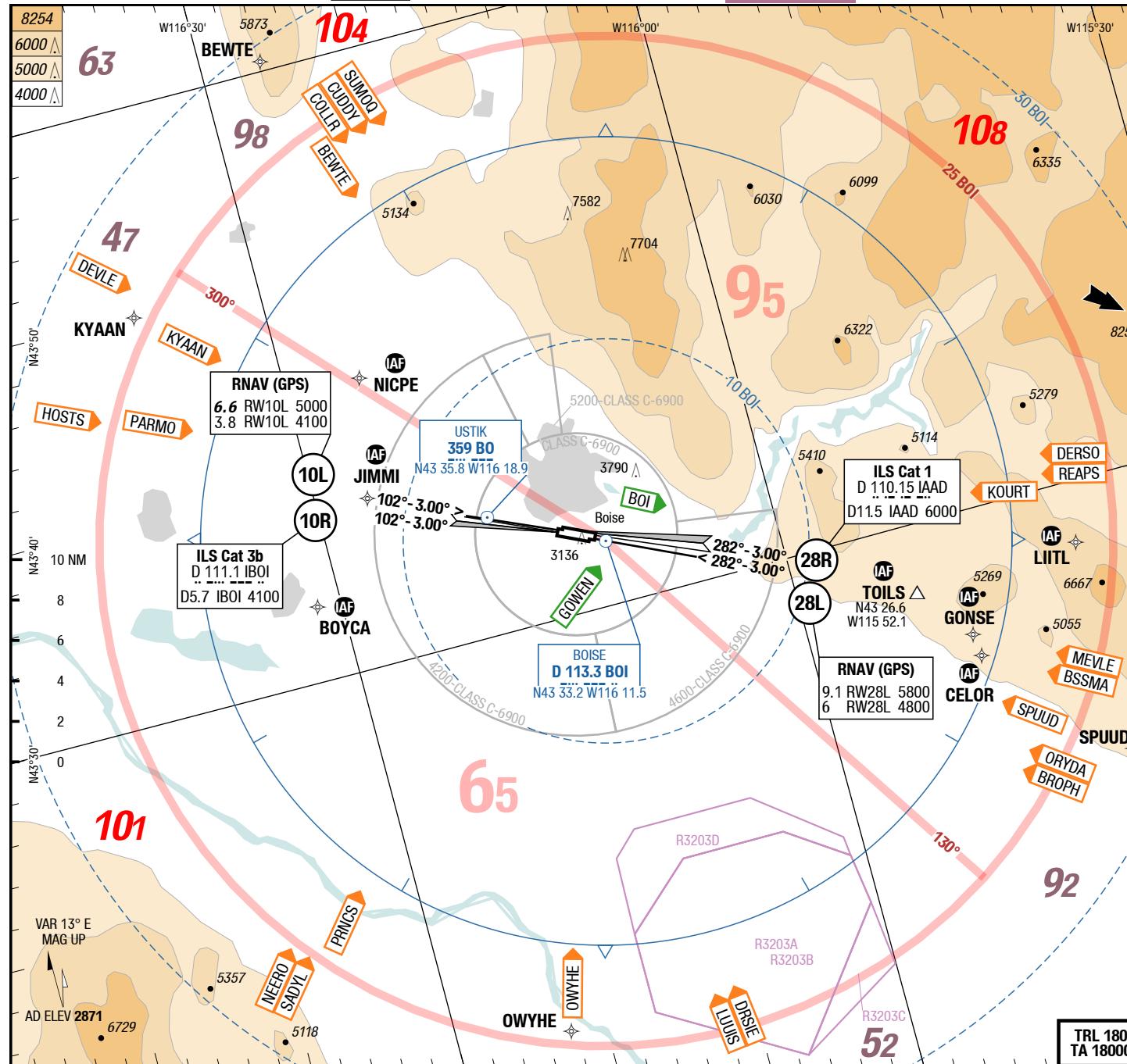
AGC
AFC

Boise Air Terminal/Gowen Fld **Boise** United States

AF

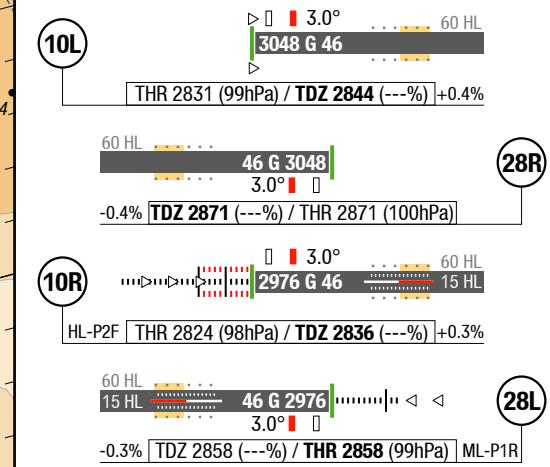
BOI-KBOI

2-10



D-ATIS	123.900	ASOS
Big Sky APP/DEP	126.900	N (279°-097°)
	119.600	S (098°-278°)
TWR	118.100	119.000
UNICOM	122.950	
GND	121.700	
RCO/RDO	122.600	122.200
DLV	125.900	
PDC		

Landing RWY system:



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BOI-KBOI

3-20

AGC

AGC

AGC

W116° 14'

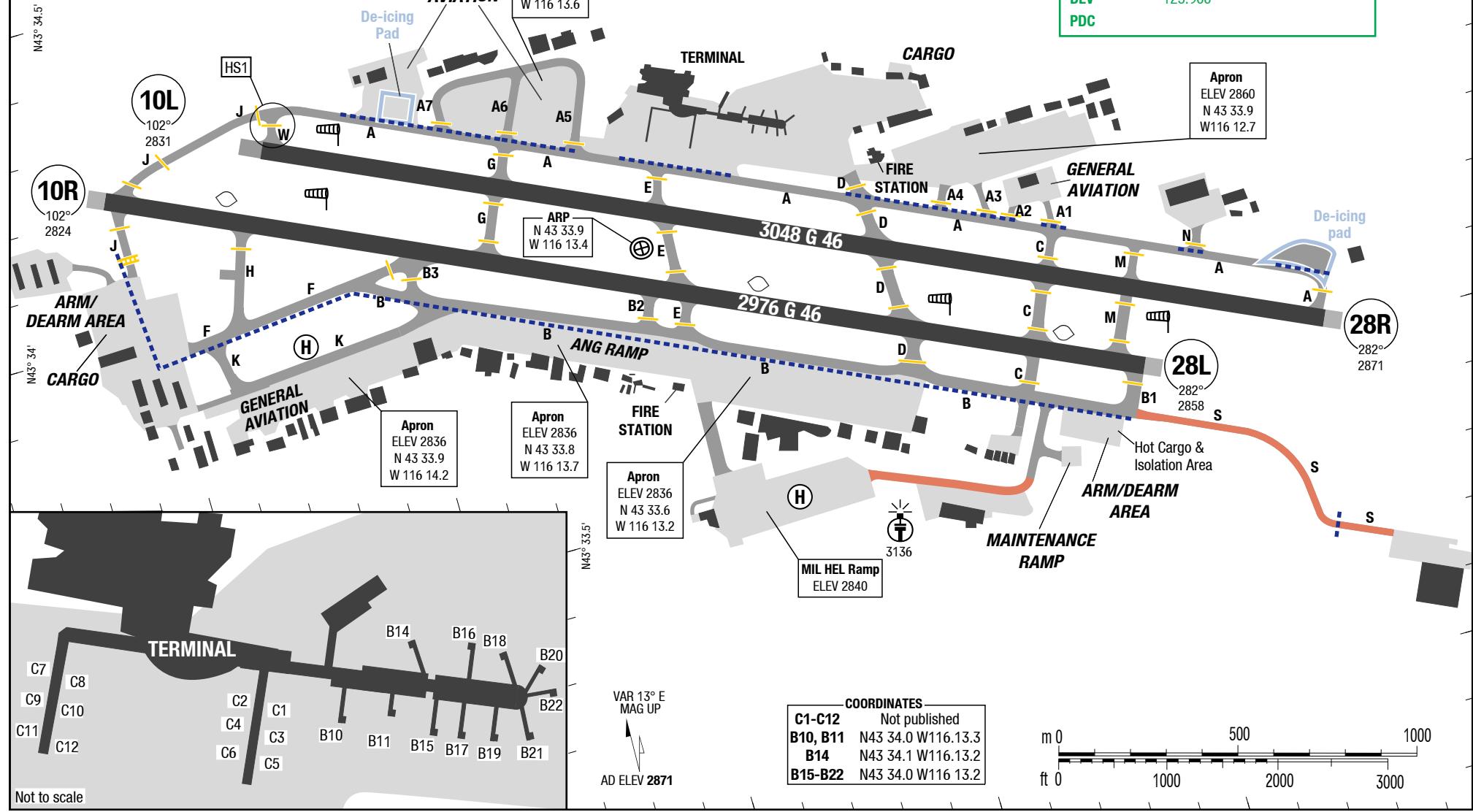
W116° 13'

W116° 12'

HS1 - Multiple hold lines visible, left turn
at TWY W for departure on RWY 10L

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

D-ATIS	123.900 ASOS	
TWR	118.100	119.000
UNICOM	122.950	
GND	121.700	
RCO/RDO	122.600	122.200
DLV	125.900	
PDC		



Changes: Nil

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NIL

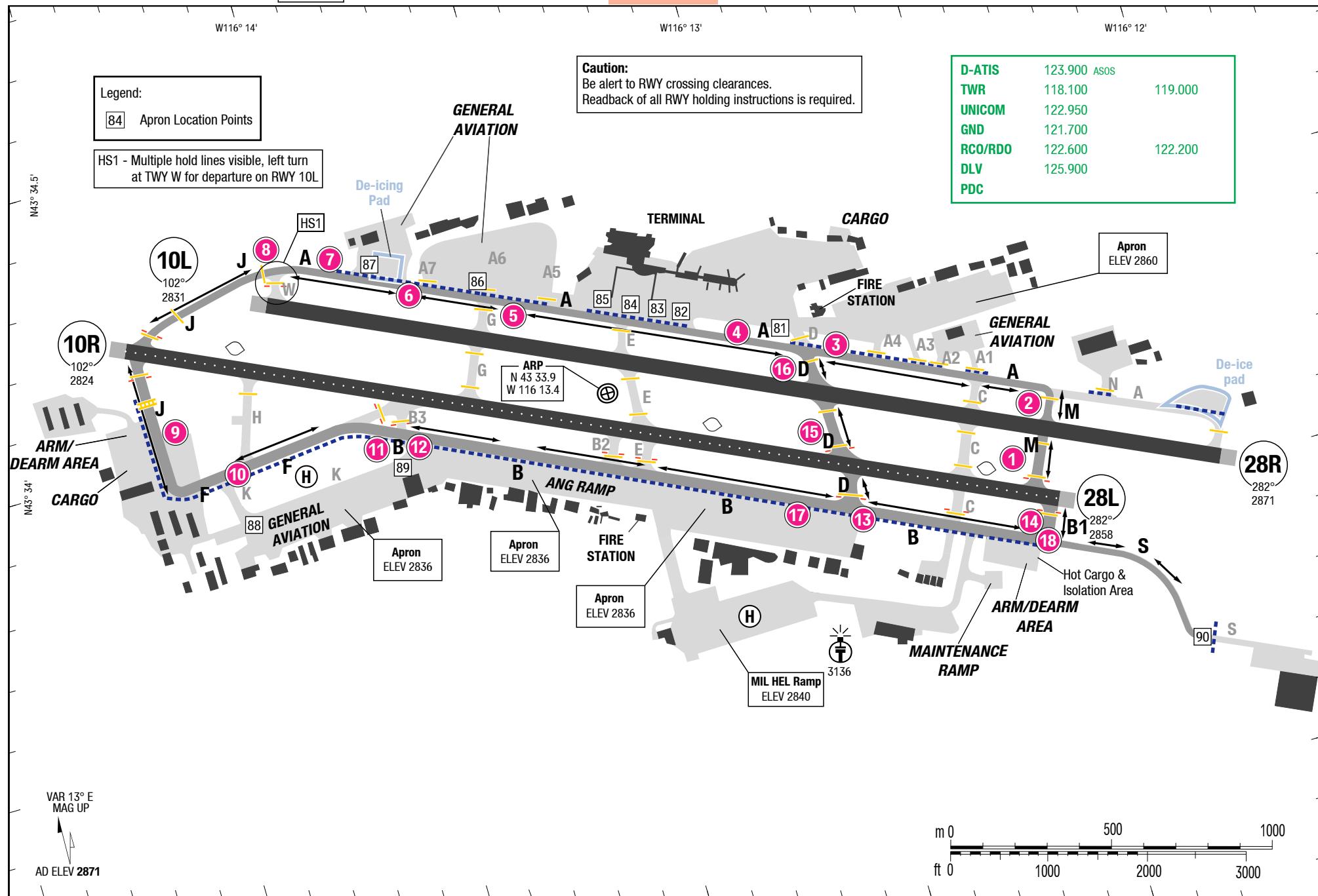
Boise Air Terminal/Gowen Fld Boise United States

NIL

BOI-KBOI

3-30

LVC RVR 1200ft to 300ft



Changes: chart title, TWY S, Non-Movement area, VAR, QFU

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NIL

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4-10

BOISE 3 (BOI 3)

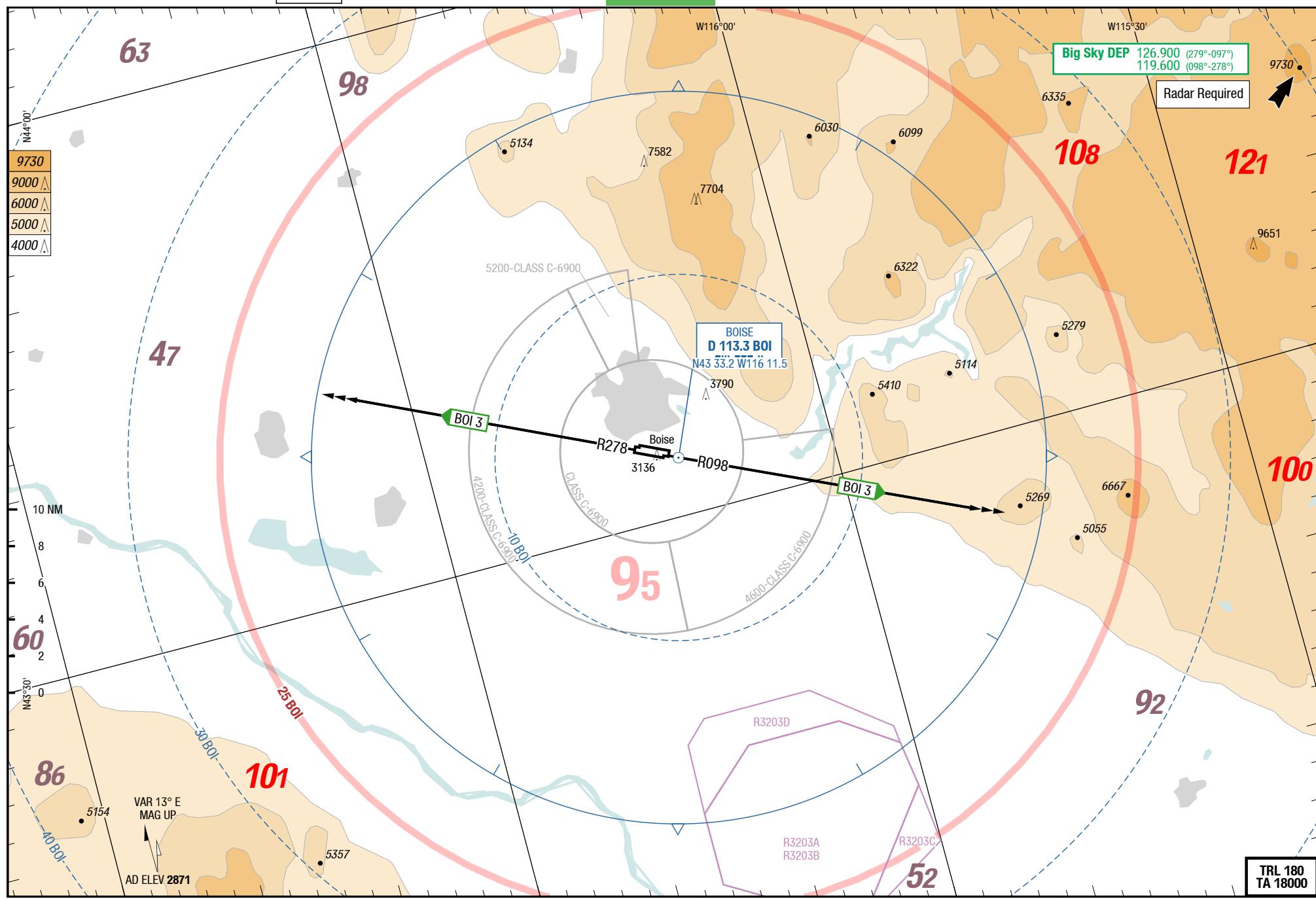
SID

SID

Boise Air Terminal/Gowen Fld Boise United States

NIL

BOISE 3 (BOI 3)



Changes: ASP, VAR, OBST

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4-30

OBST DEP GOWEN 4

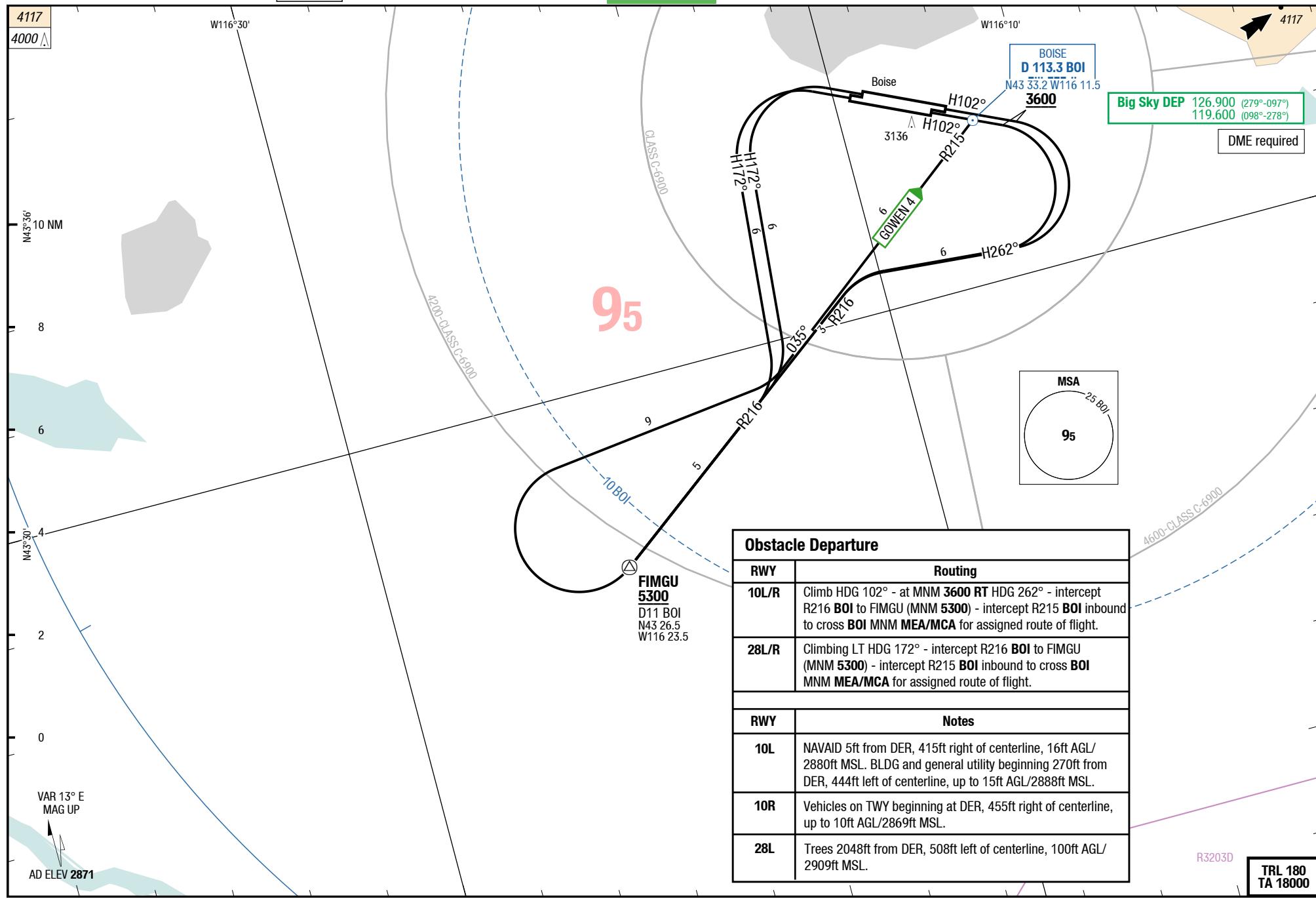
SID

SID

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OBST DEP GOWEN 4



Changes: ASP, Note, PROC renumbered, VAR

BOI-KBOI

5-10

BOISE 3 (BOI 3)

BOISE 3

RWYs 10L/R (102°) / 28L/R (282°)

DESIGNATOR	ROUTING	ALTITUDES
BOISE 3 BOI 3 126.900 (279°-097°) 119.600 (098°-278°) ①		Initial climb 16000 or lower assigned altitude
RWY 10L	intercept R098 BOI - expect radar vectors to assigned route	
RWY 10R	intercept R098 BOI - expect radar vectors to assigned route	
RWY 28L	intercept R278 BOI - expect radar vectors to assigned route	
RWY 28R	intercept R278 BOI - expect radar vectors to assigned route	

① Expect filed ALT 10 MIN after DEP.

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KOURT 3 RNAV

6-10

BEWTE 3 RNAV

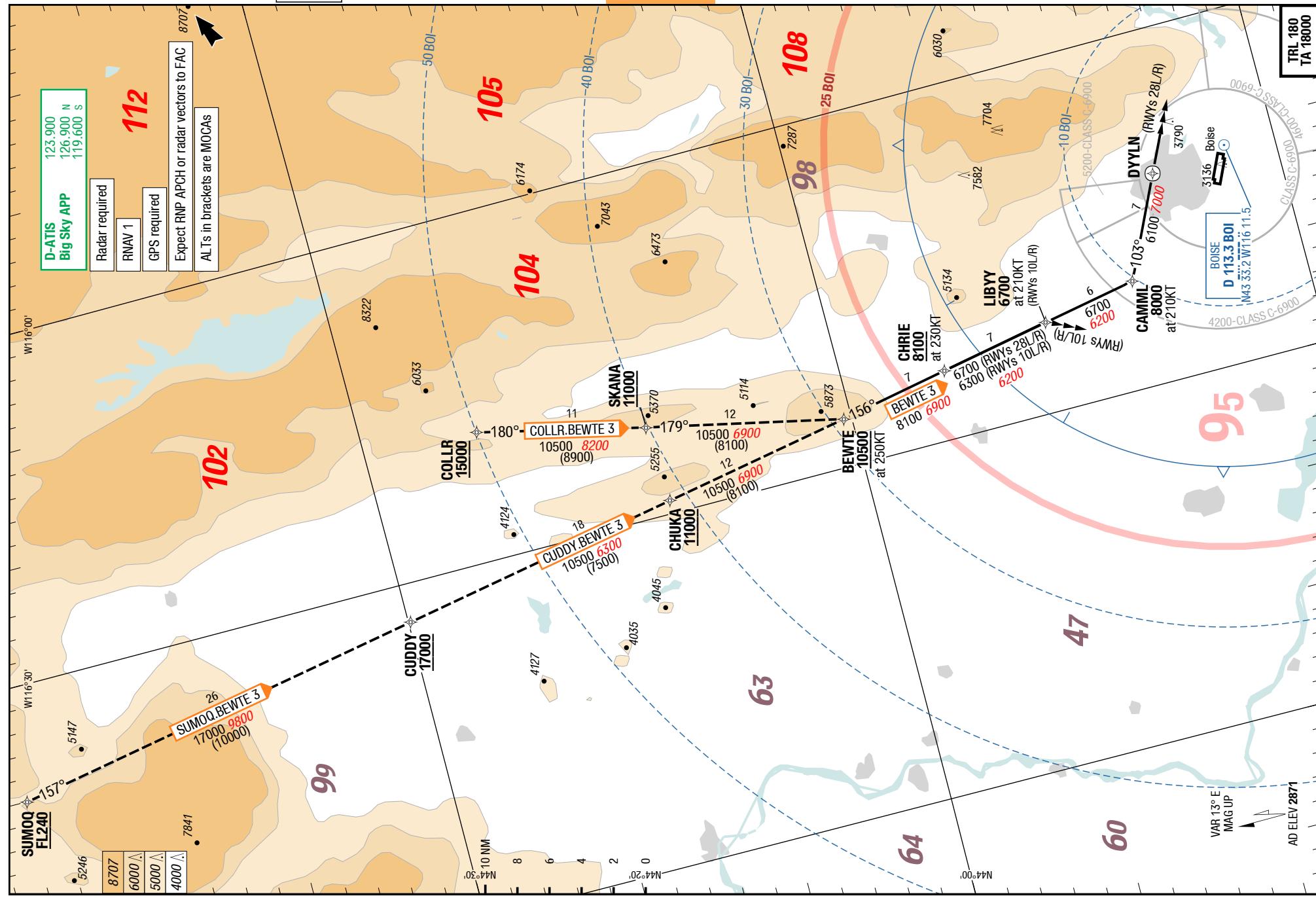
STAR

STAR

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KOURT 3 RNAV

BEWTE 3 RNAV



Changes: Track, ASP, PROC renumbered, Note, OBST, VAR

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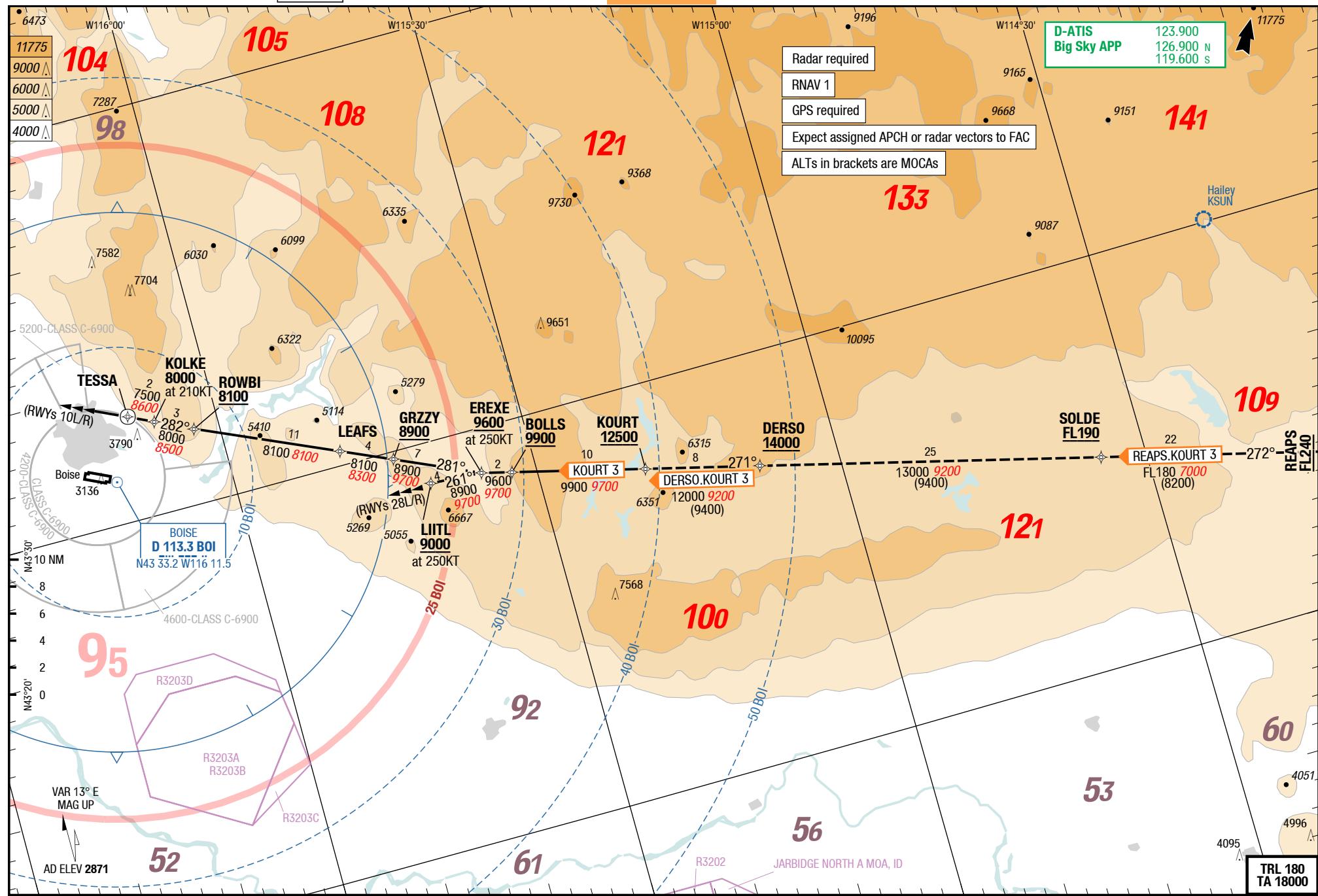
BOI-KBOI

6-20

KOURT 3 RNAV

STAR

KOURT 3 RNAV



Changes: Track, ASP, VAR, PROC renumbered, Note, OBST

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BOI-KBOI

6-30

KYAA 3 RNAV

STAR
STAR

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KYAA 3 RNAV

Boise United States

D-ATIS
Big Sky APP

123,900

126,900 N

119,600 S

W117°00'

W116°30'

7287

Radar required

GPS required

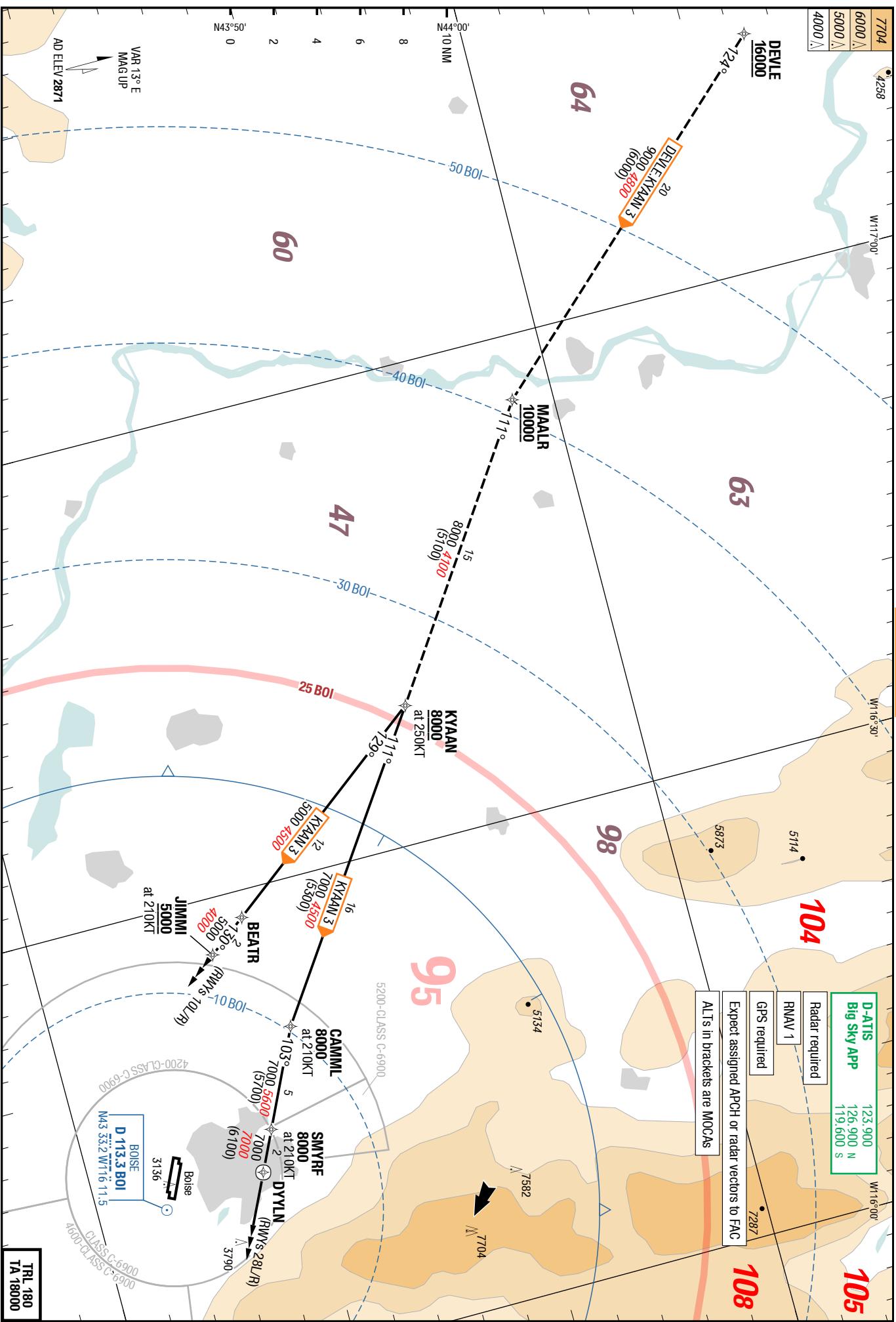
Expect assigned APCH or radar vectors to FAC

ALTs in brackets are MOCAs

104

105

108



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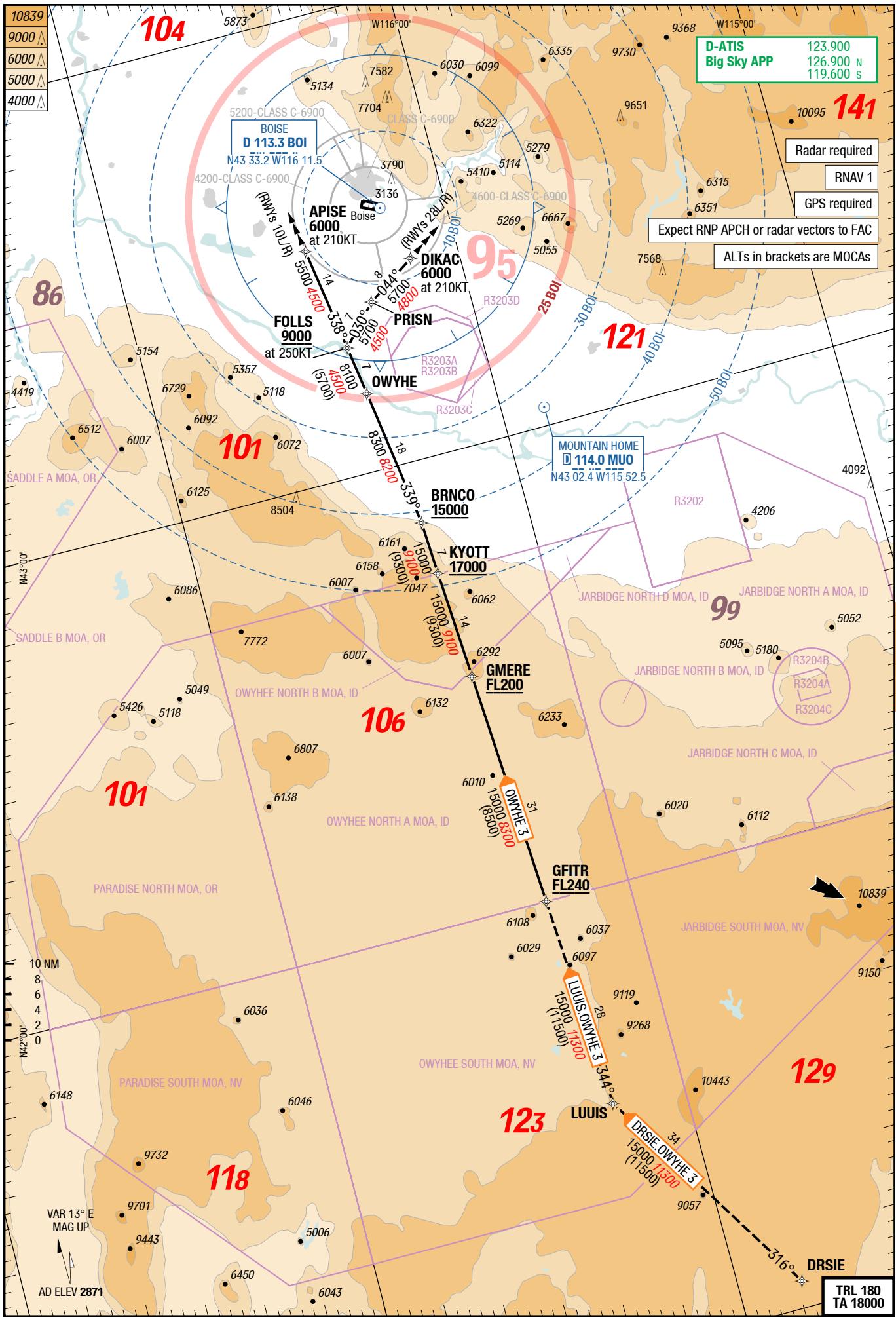
B01-KB01

6-40

OWYHEE 3 RNAV (ATC)

STAR

OWYHE 3 RNAV (ATC)



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BOI-KBOI

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6-60

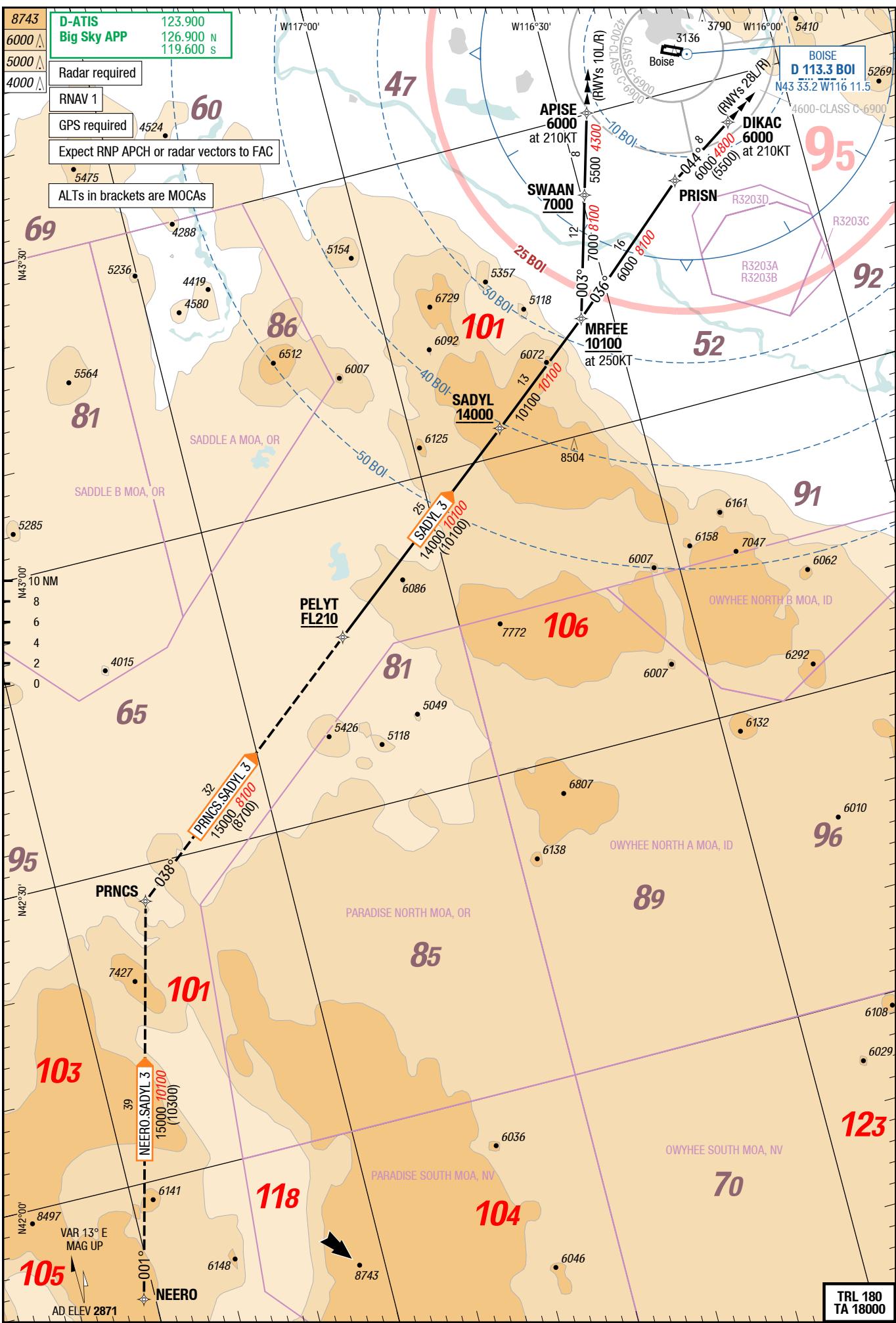
SADYL 3 RNAV

STAR

STAR

SADYL 3 RNAV

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BOI-KBOI

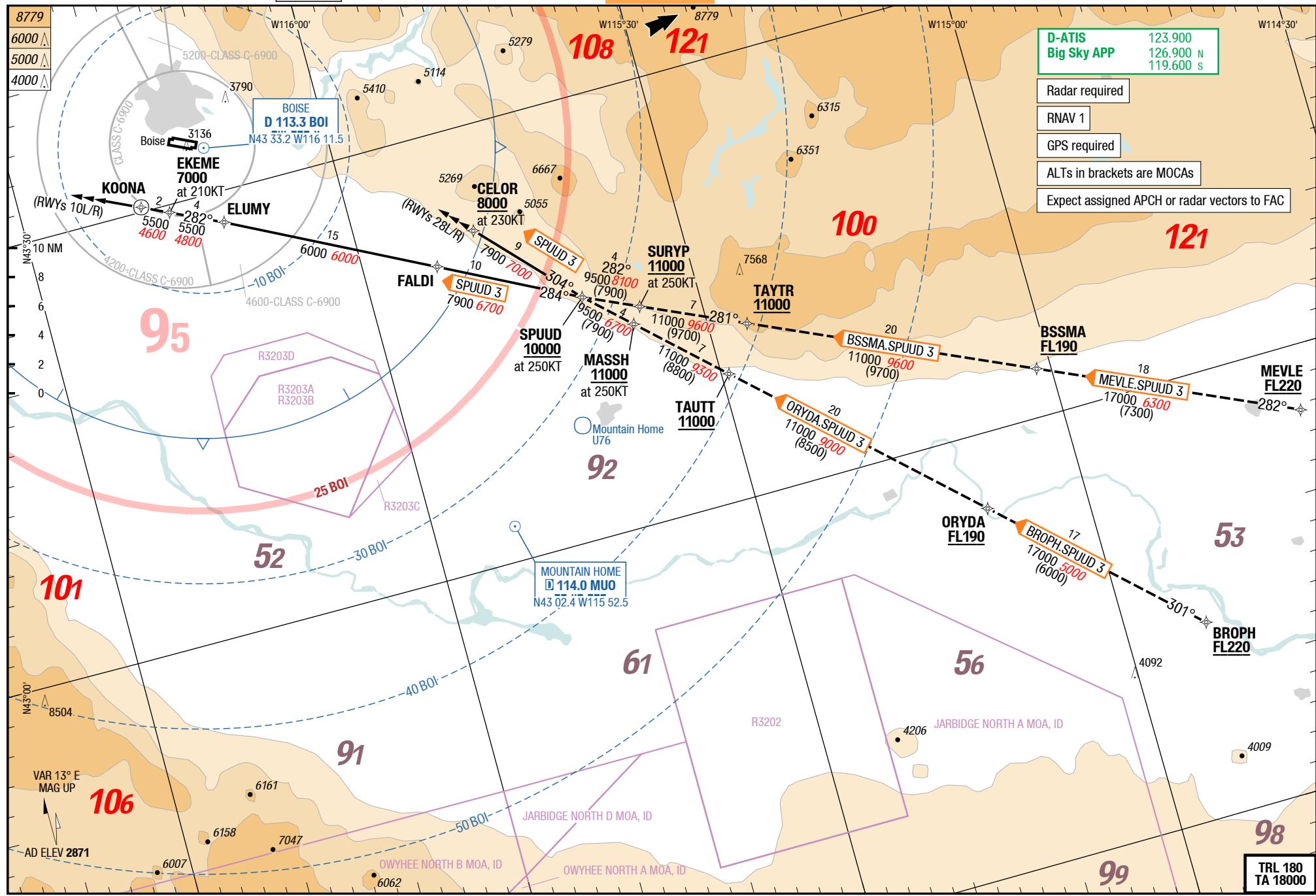
6-70

SPUUD 3 RNAV

STAR

STAR

Boise Air Terminal/Gowen Fld **Boise** United S
NIL
SUUUD 3 RNAV

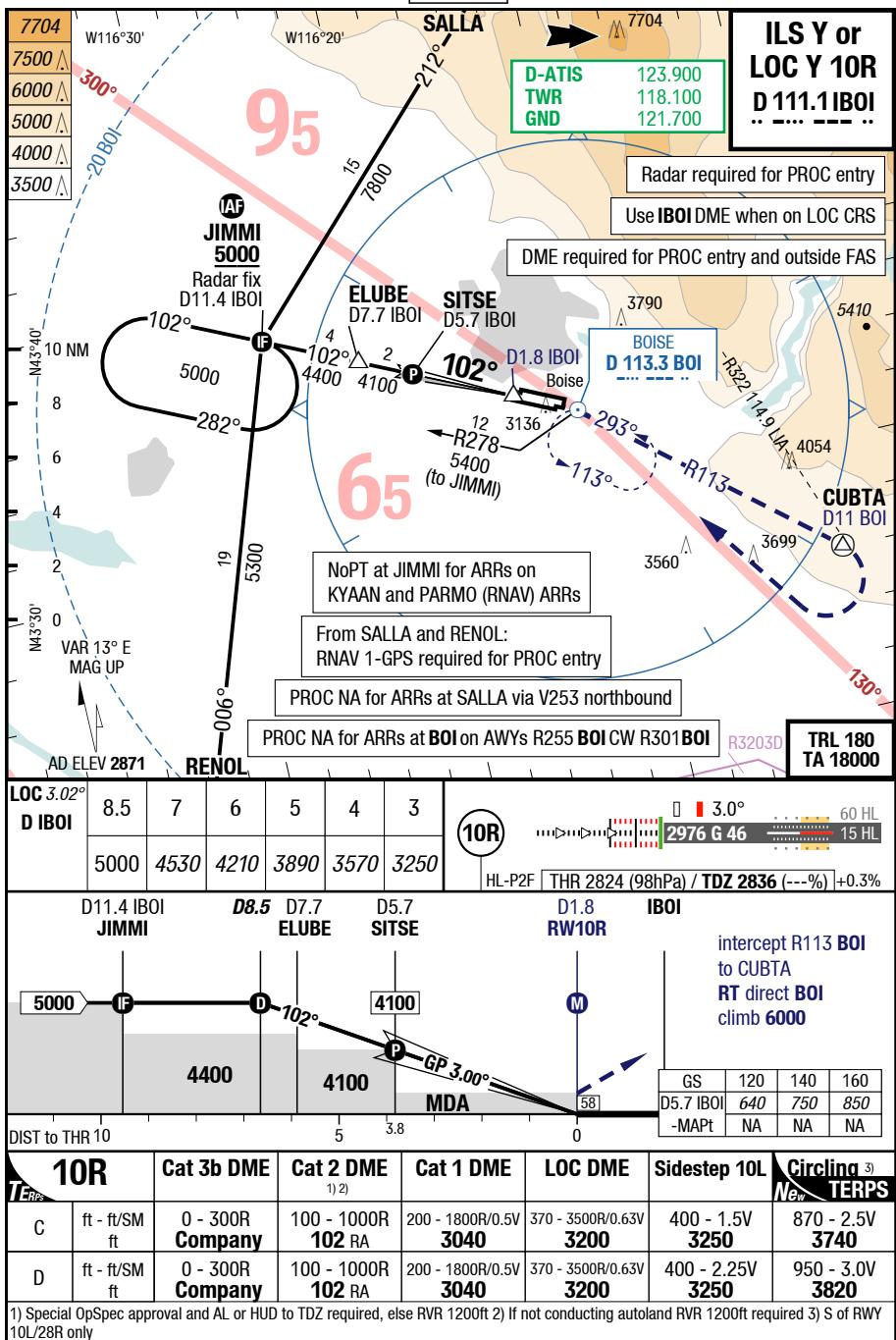


Changes: Track, ASP, VAR, PROC renumbered, Note, OBST

BOI-KBOI

7-10

ILS Y or LOC Y 10R



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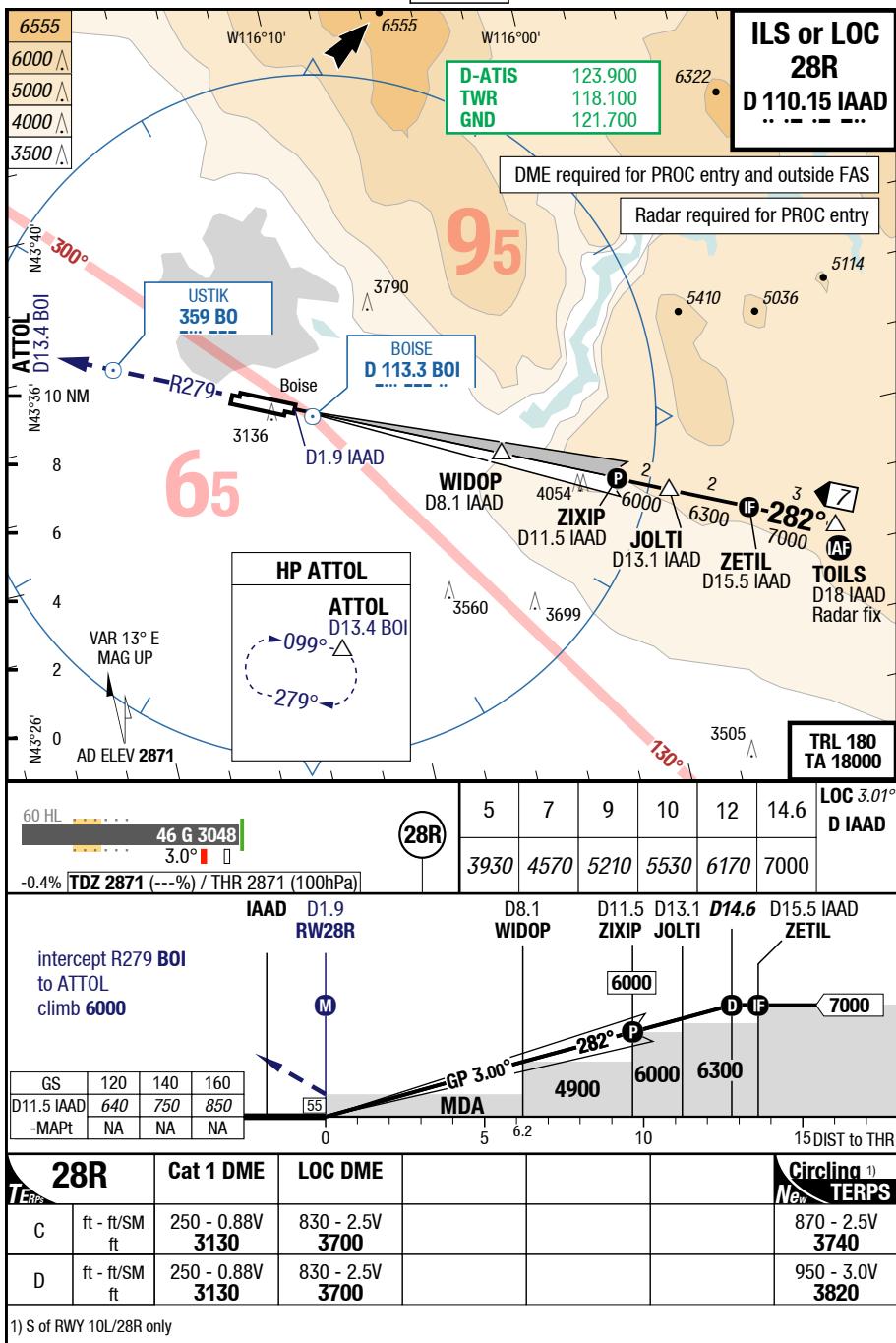
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BOI-KBOI

7-20

ILS or LOC 28R



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BOI-KBOI

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RNAV (RNP) Z 10R

7-30

RNAV (RNP) Z 10L

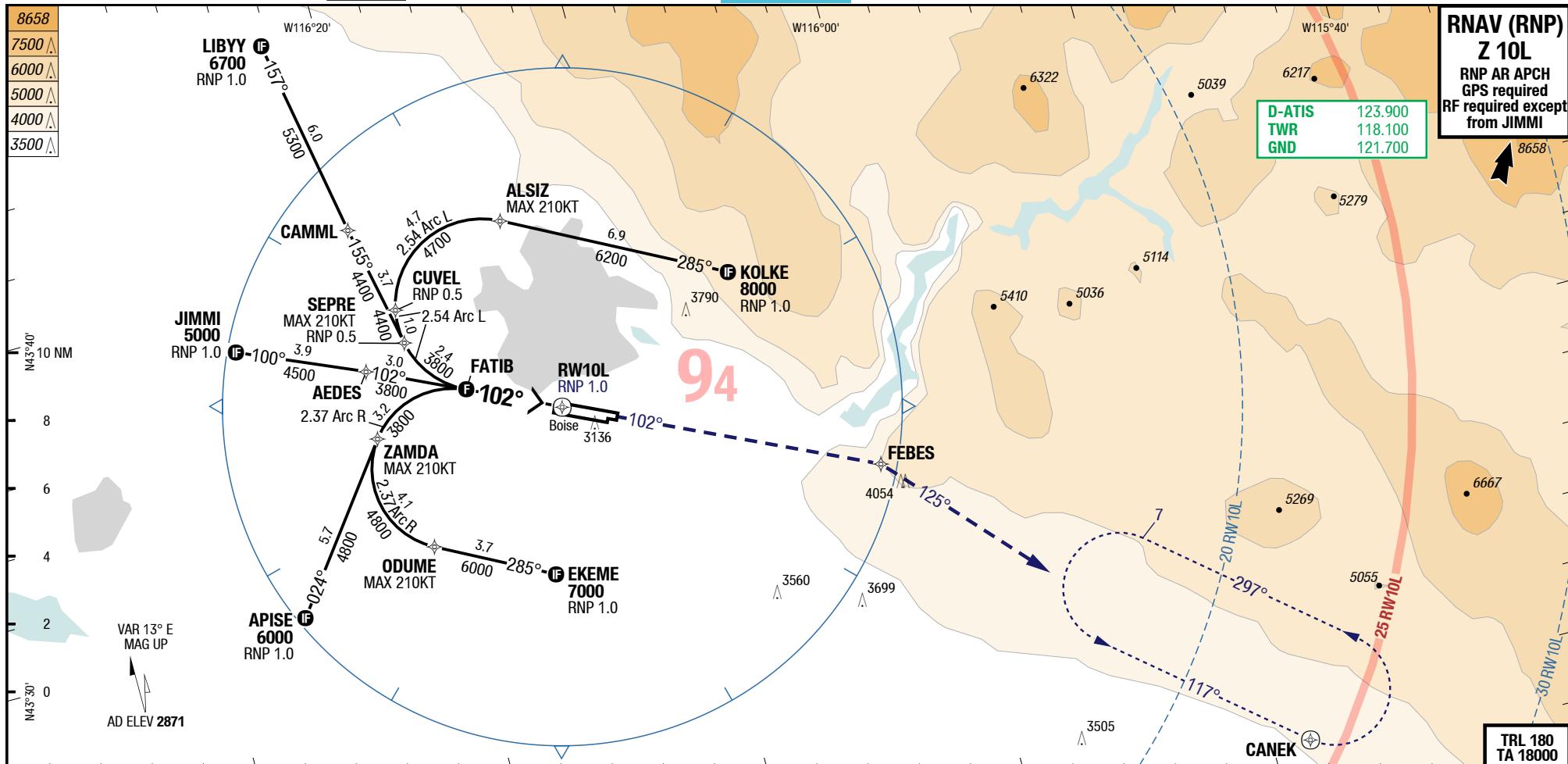
IAC

IAC

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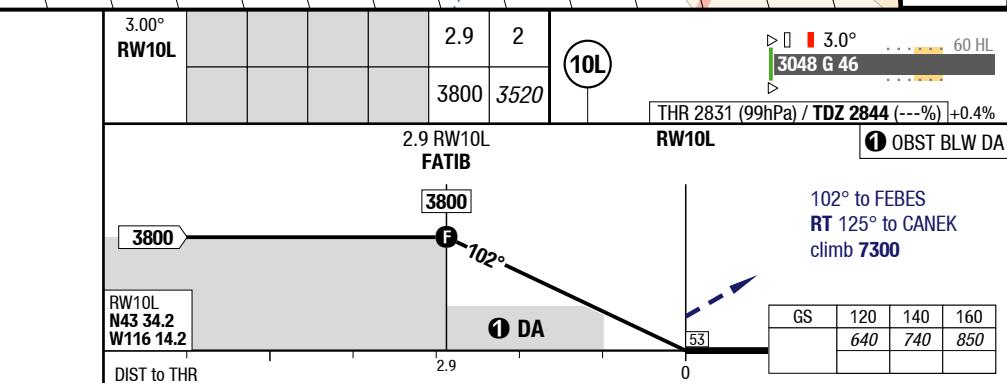
RNAV (RNP) Z 10R

RNAV (RNP) Z 10L



10L		RNAV	RNAV	Circling TERPS		
$T_{E_{RPs}}$		RNP 0.15 VNAV ¹⁾	RNP 0.30 VNAV ¹⁾			
C	ft - ft/SM ft	320 - 1.13V 3170	380 - 1.25V 3220			Not published
D	ft - ft/SM ft	320 - 1.13V 3170	380 - 1.25V 3220			Not published

1) Uncompensated BARO VNAV NA below -14°C (7°F) or above 52°C (127°F)



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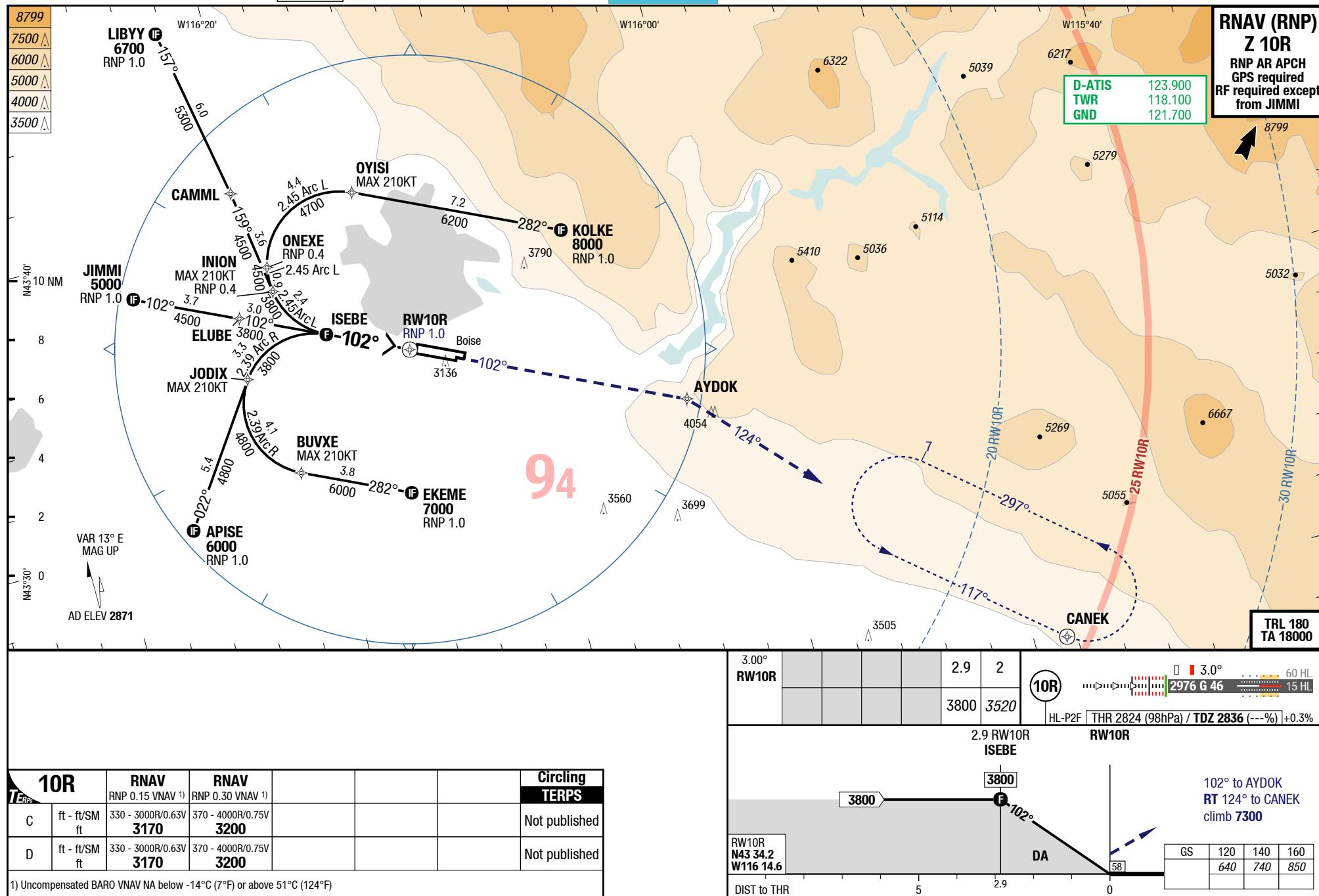
7-40

RNAV (RNP) Z 10R

IAC

IAC

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BOI-KBOI

7-50

RNAV (RNP) Z 28L

11

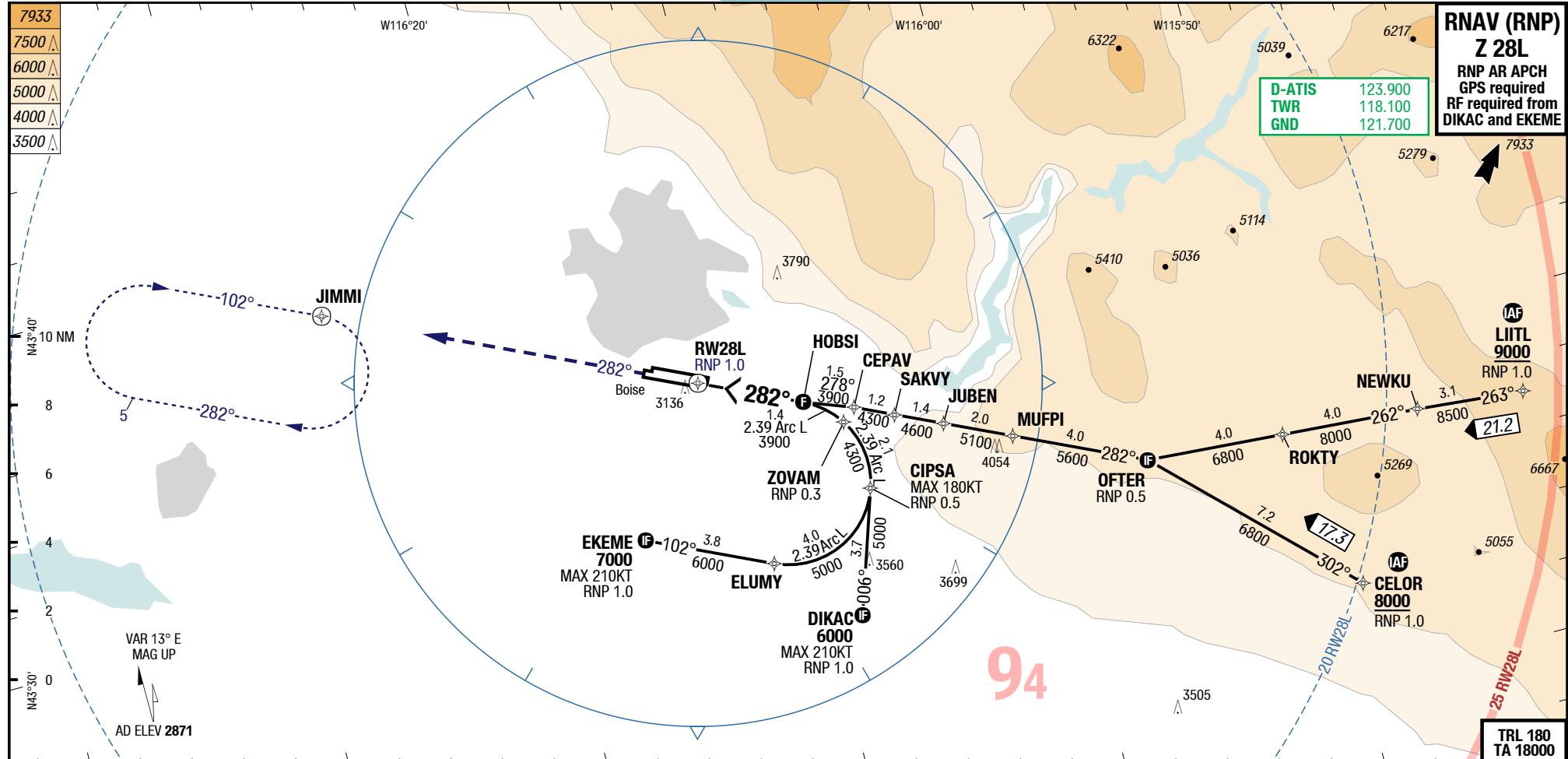
RNAV (RNP) Z 28L

7933
7500
6000
5000
4000
3500

W116°20'

RNAV (RNP)

Z 28L
RNP AR APCH
GPS required
RF required from
DIKAC and EKEME



28L		RNAV RNP 0.15 VNAV ①	RNAV RNP 0.30 VNAV ①				Circling TERPS
T _{E_{RPs}}		ft - ft/SM ft	420 - 5000R/1.0V 3280	490 - 6000R/1.25V 3350			Not published
D		ft - ft/SM ft	420 - 5000R/1.0V 3280	490 - 6000R/1.25V 3350			Not published

1) Uncompensated BARO VNAV NA below -14°C (7°F) or above 53°C (128°F)

Flight plan diagram for RW28L:

- Leg 1:** RW28L (3.0°) from 3000ft to 3900ft at 28L.
- Leg 2:** Turn to 3.1 (3.0°)
- Leg 3:** HOBSI (3.1) descent to 3900ft

Other details:

- TDZ 2858 (---%) / THR 2858 (99hPa) ML-P1R
- GS: 120, 140, 160, 640, 740, 850
- DIST to THR: 0, 3.1, 5
- RW28L N43 33.5 W116 12.6

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BOI-KBOI

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7-60

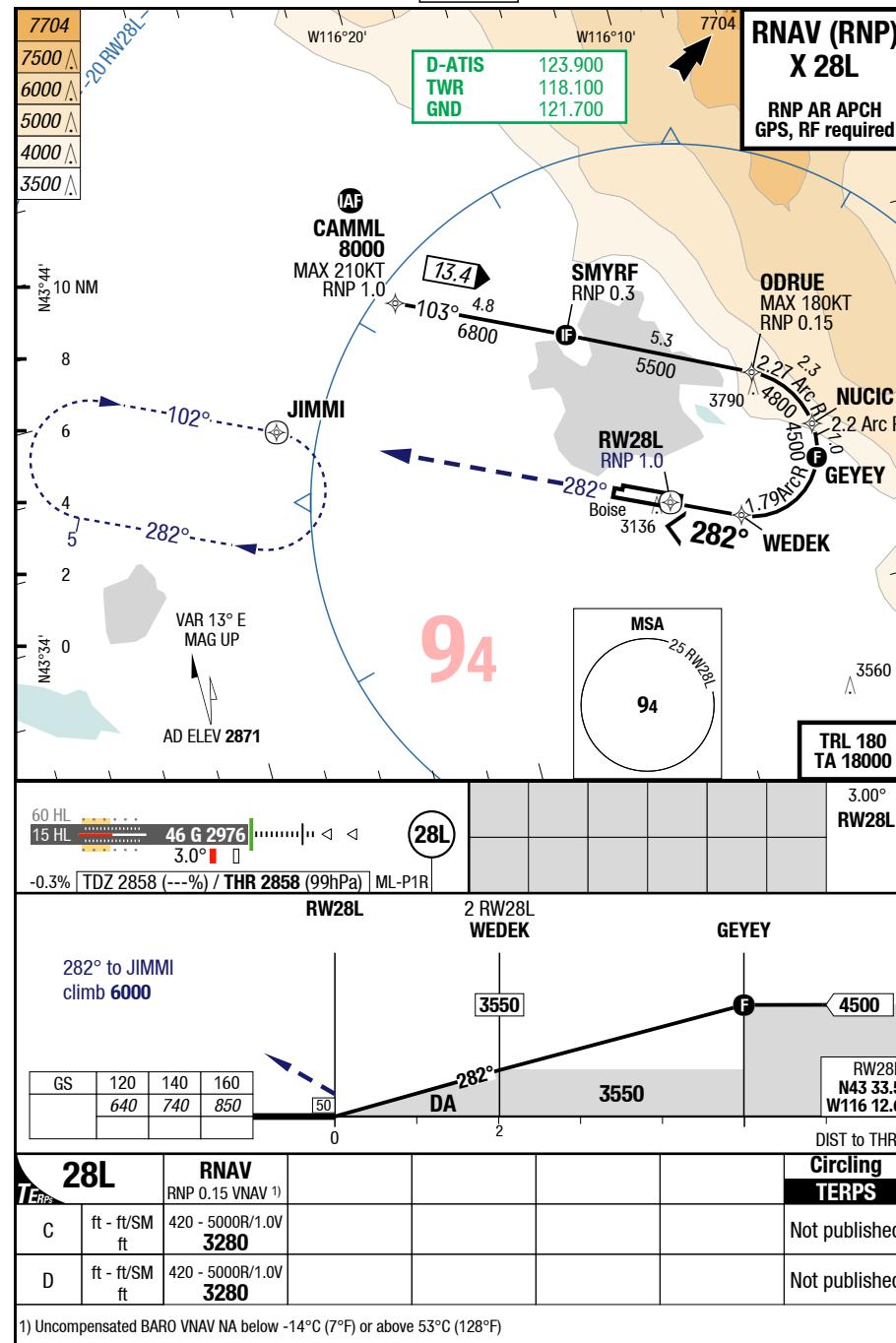
RNAV (RNP) X 28L

IAC

IAC

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RNAV (RNP) X 28L



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RNAV (RNP) X 28R

BOI-KBOI

7-70

RNAV (RNP) Z 28R

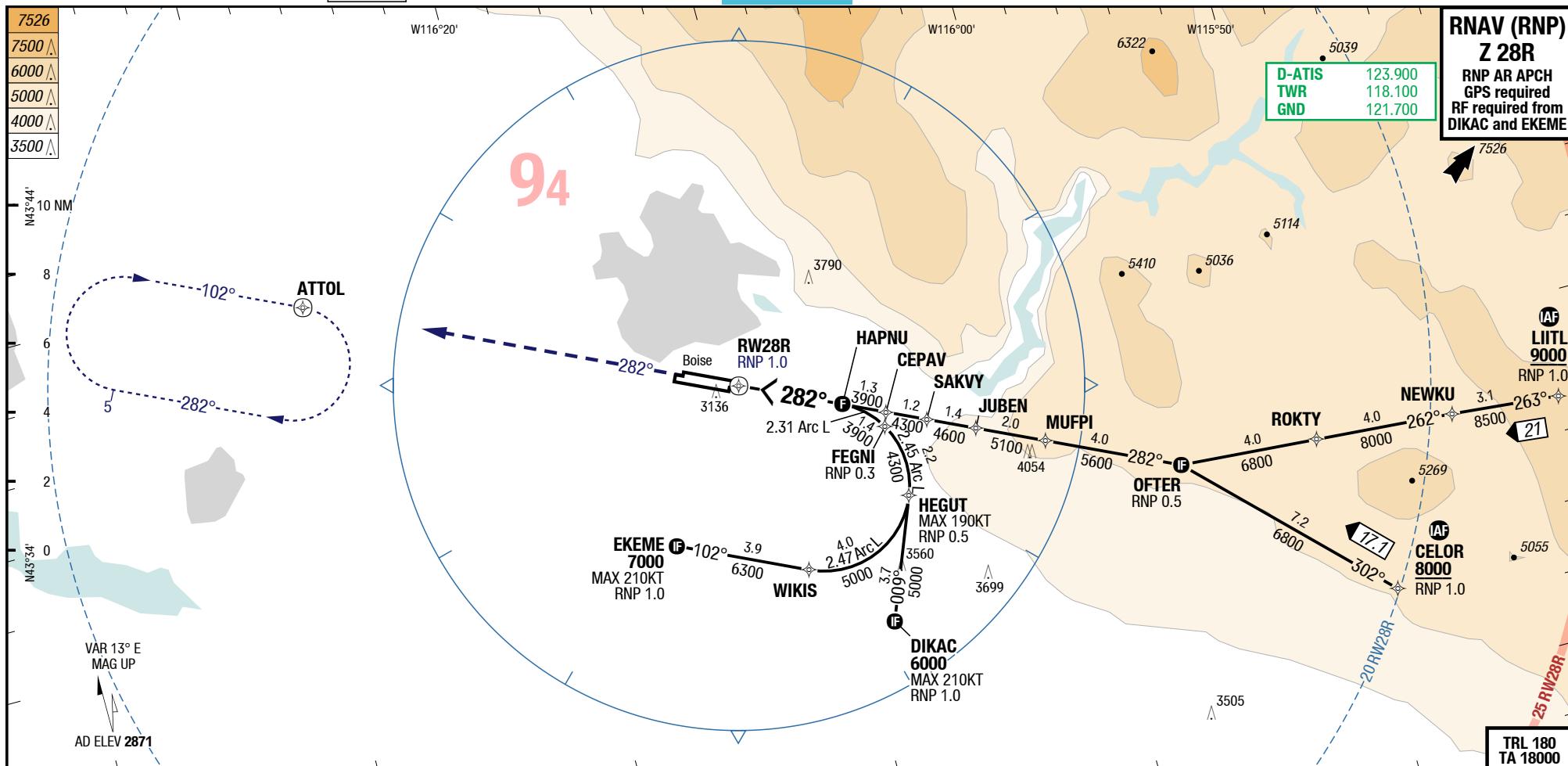
IAC

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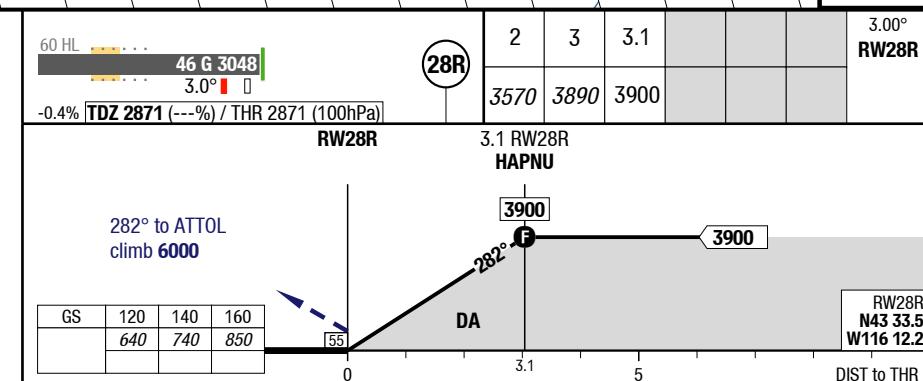
RNAV (RNP) X 28R

RNAV (RNP) Z 28R

RNAV (RNP)
Z 28RRNP AR APCH
GPS required
RF required from
DIKAC and EKEME

TE _{Reps}	RNAV (RNP 0.15 VNAV 1)	RNAV (RNP 0.30 VNAV 1)	Circling TERPS
C ft - ft/SM ft	420 - 1.38V 3290	480 - 1.75V 3350	Not published
D ft - ft/SM ft	420 - 1.38V 3290	480 - 1.75V 3350	Not published

1) Uncompensated BARO VNAV NA below -14°C (7°F) or above 52°C (126°F)



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BOI-KBOI

7-80

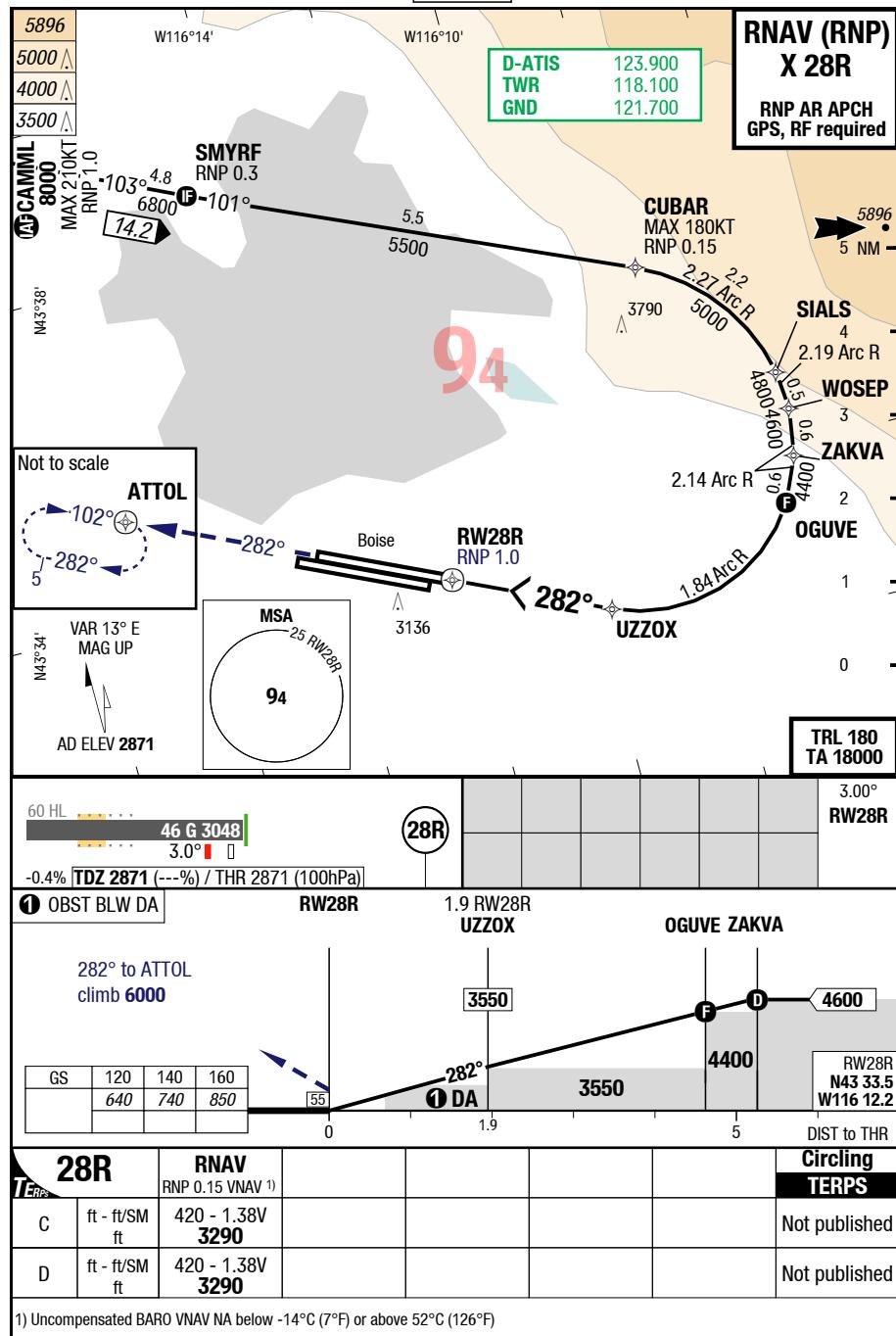
RNAV (RNP) X 28R

IAC

IAC

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RNAV (RNP) X 28R



Changes: APL

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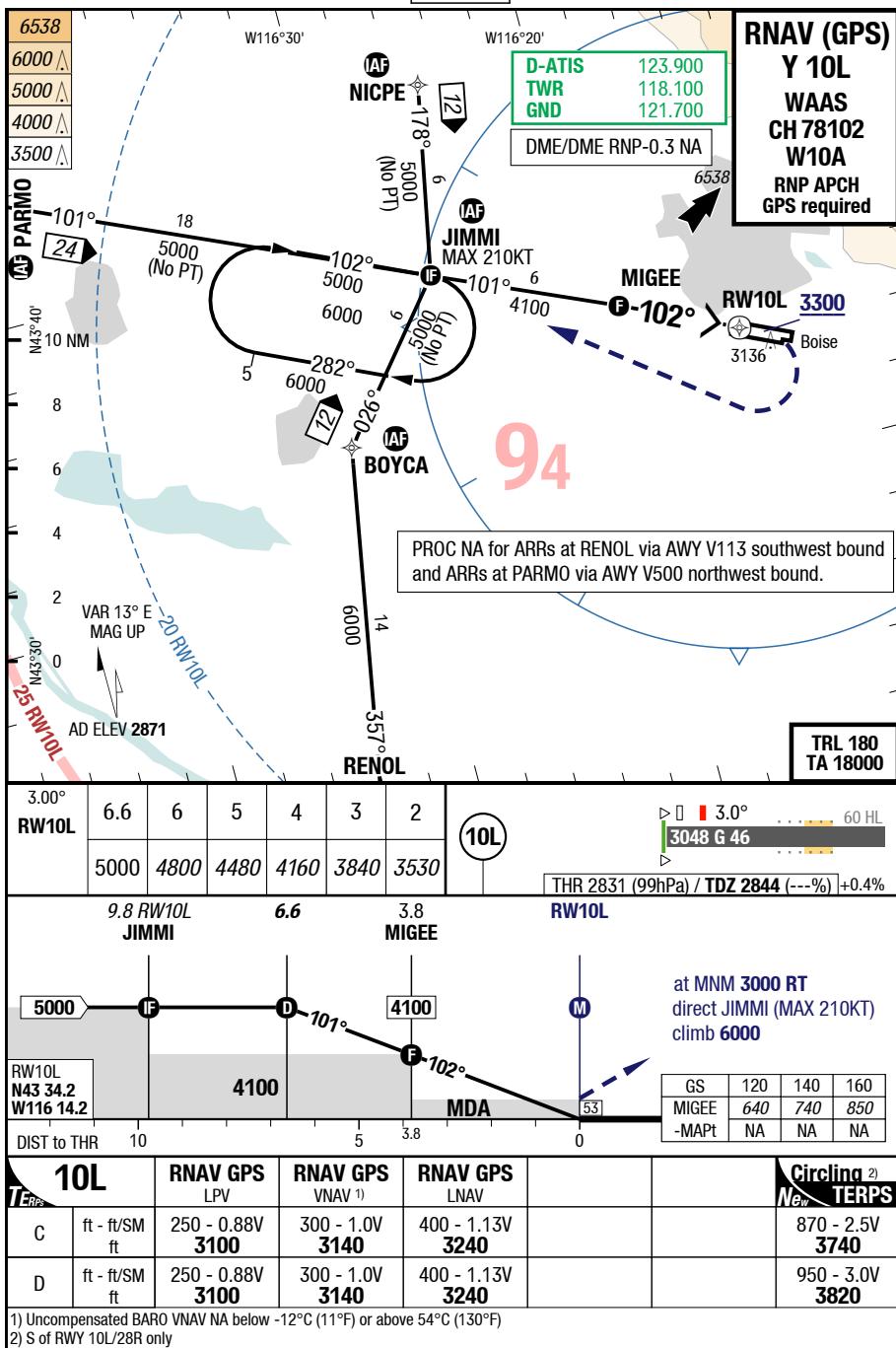
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IAC

BOI-KBOI

7-90

RNAV (GPS) Y 10L



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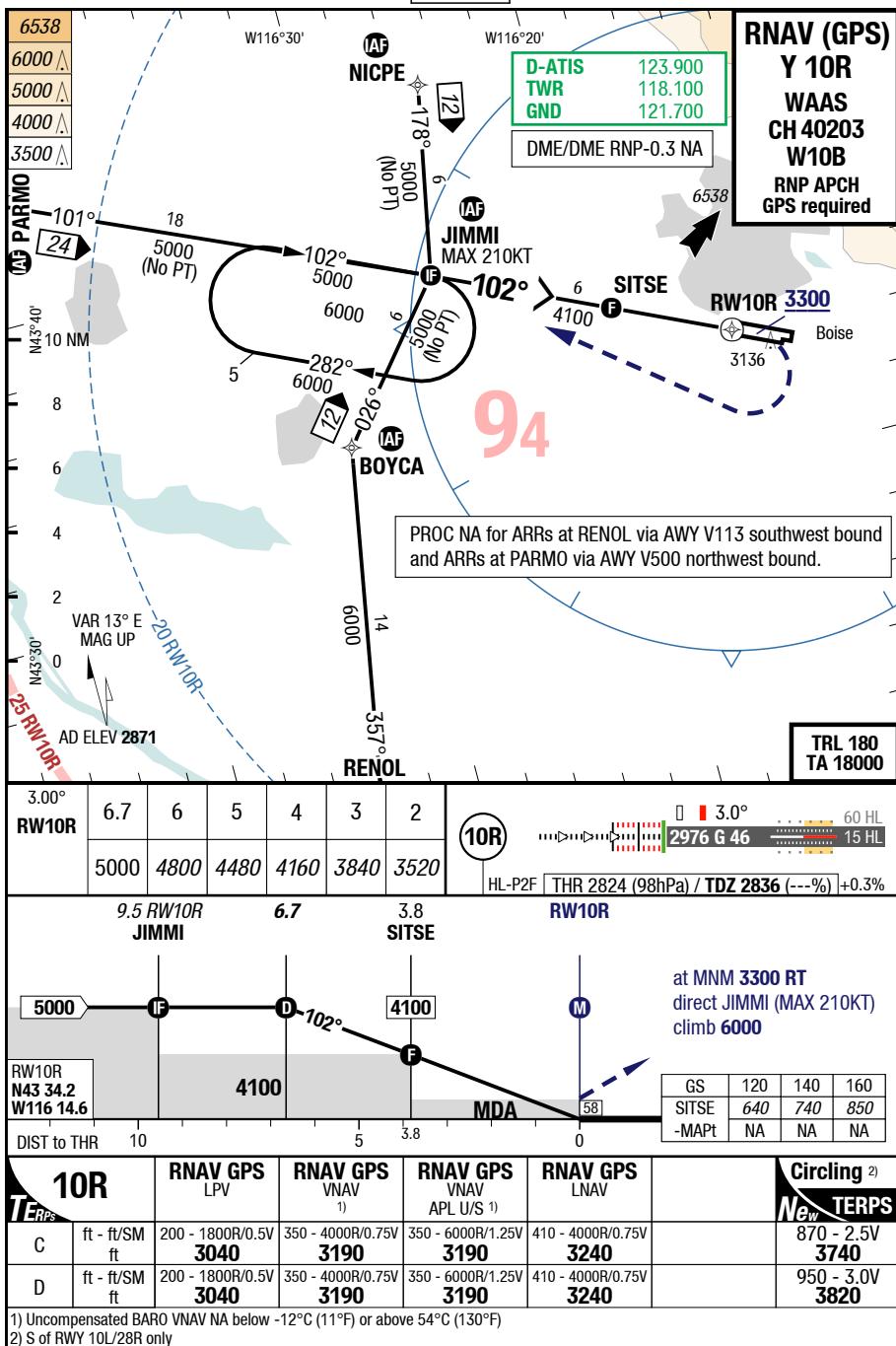
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IAC

BOI-KBOI

7-100

RNAV (GPS) Y 10R



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United States **Boise** Boise Air Terminal/Gowen Fld

PNAV (CRS) X 28P

BOI-KBOI

7-110

RNAV (GPS) Y 28L

14

IAC

RNAV (GPS) Y 28L WAAS CH 77702 W28A RNP APCH GPS required

TERPs

28L		RNAV GPS LPV	RNAV GPS VNAV ¹⁾	RNAV GPS LNAV	RNAV GPS LNAV APL U/S	Circling ²⁾ M _{ew} TERPS
C	ft - ft/SM ft	330 - 3000R/0.63V 3190	420 - 4500R/0.88V 3280	630 - 1.38V 3480	630 - 1.75V 3480	870 - 2.5V 3740
D	ft - ft/SM ft	330 - 3000R/0.63V 3190	420 - 4500R/0.88V 3280	630 - 1.38V 3480	630 - 1.75V 3480	950 - 3.0V 3820

¹⁾ Uncompensated BARO VNAV NA below -12°C (11°F) or above 52°C (126°F)
²⁾ S of RWY 10L/28R only

PROC NA for ARRs at CANEK via AWYs V4, V253, V330 southeast bound.

TERPs

28L		3	4	5	7	8	9.1	3.0° RW28L
60 HL	15 HL	46 G 2976	3.0°					
-0.3% TDZ 2858 (---%) / THR 2858 (99hPa) ML-P1R								
		3870	4190	4500	5140	5460	5800	

RW28L **6 DUTME** **9.1 RW28L VUNCU**

direct JIMMI climb 6000

GS	120	140	160
VUNCU	640	740	850
-MAPt	NA	NA	NA

MDA

RW28L N43 33.5 W116 12.6

DIST to THR

Changes: Nil

Changes: Nil

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BOI-KBOI

7-120

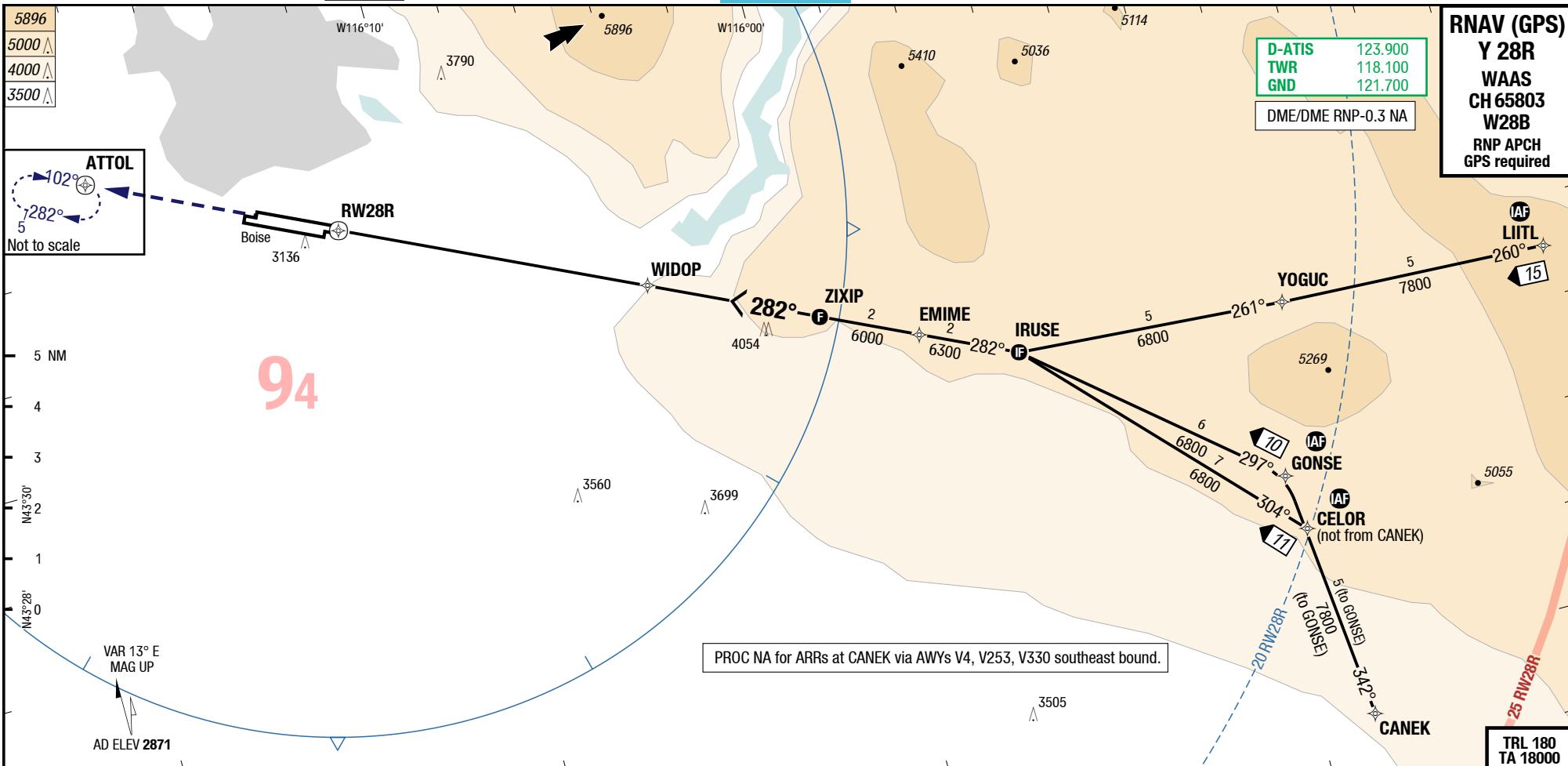
RNAV (GPS) Y 28R

IAC

IAC

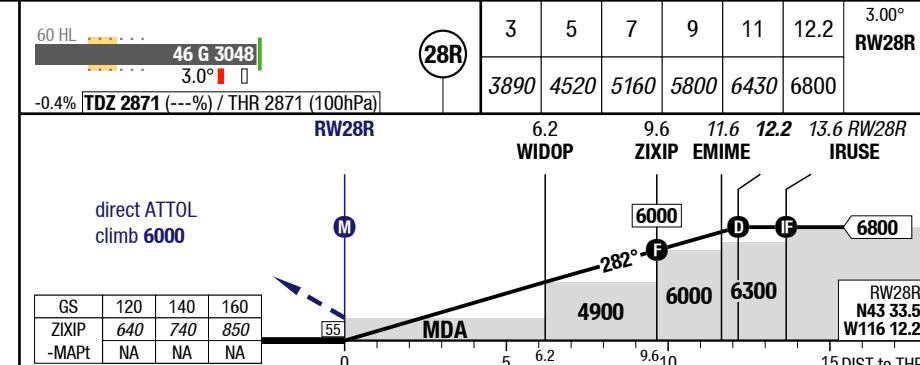
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RNAV (GPS) Y 28R



28R		RNAV GPS LPV	RNAV GPS VNAV ¹⁾	RNAV GPS LNAV			Circling ²⁾ New TERPS
C	ft - ft/SM ft	250 - 0.88V 3130	330 - 1.0V 3200	790 - 2.5V 3660			870 - 2.5V 3740
D	ft - ft/SM ft	250 - 0.88V 3130	330 - 1.0V 3200	790 - 2.5V 3660			950 - 3.0V 3820

1) Uncompensated BARO VNAV NA below -12°C (11°F) or above 52°C (126°F)
2) S of RWY 10L/28R only



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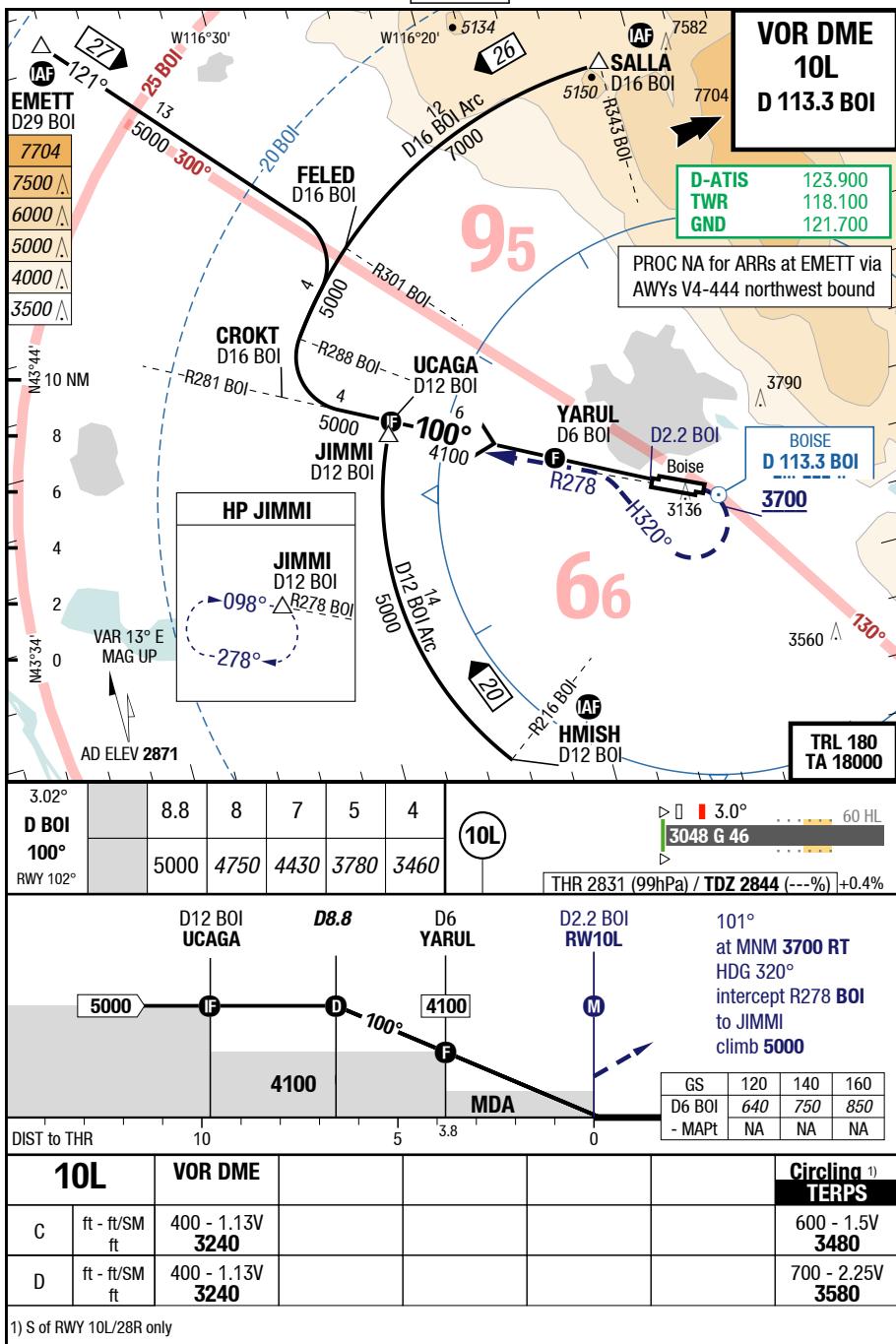
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7-130

VOR DME 10L



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BOI-KBOI

7-140

VOR DME 28L

