

**GENERAL****Operational Hours****ATS Hours**

TWR:	until 21 SEP	MON	0610-2045
		TUE	0610-2355
		WED-THU	0610-2045
		FRI	0610-2355
		SAT	0610-1920
		SUN	0810-2355
22 SEP 18-29 SEP 18		MON	0610-2045
		TUE	0610-2355
		WED-THU	0610-2045
		FRI-SAT	0610-2355
		SUN	0720-2355
from 30 SEP 18		MON	0610-2045
		TUE	0610-0055
		WED-THU	0610-2045
		FRI-SAT	0610-0055
		SUN	0810-0055

**Airport Information****RFF:** CAT 6, CAT 7 AVBL PN**Fuel:** 1830-0800‡, other times O/R**PCN:** RWY 03/21: 60/F/D/W/T**Customs:** 1.5HR prior INTL ARRs and 0.5HR after INTL DEPs**Operation****RWY Restriction**

180° turns for code letter C ACFT and above on turning pads at RWY ends only.

**TWY Restriction**

| TWY B not AVBL for B738/A320 ACFT or above.

**Taxi/Parking**

CLR required prior entering manuevring area.

Marshaller AVBL O/R.

**Warnings**

Birds in vicinity of AD.

**ARRIVAL****Communication****COM Failure:** See CRAR.**Arrival Procedure****VFR Traffic Pattern:**

RWY 21 right-hand circuit. When ATC on watch, circuit ALT is 1000ft unless otherwise instructed.

## DEPARTURE

## Take-off Minima

RWY		03		
All ACFT	ft - m/km	0 - 400V	During TWR OPS	
		c700 - 3.0V	HJ	Visual circuit after TKOF and DEP via HL NDB
		c1300 - 3.0V		-
		c1000 - 5.0V	HN	Visual circuit after TKOF and DEP via HL NDB
		c1300 - 5.0V		-
RWY		21		
All ACFT	ft - m/km	0 - 400V	During TWR OPS	
		c700 - 3.0V	HJ	-
		c1300 - 3.0V		Visual circuit after TKOF and DEP via MI NDB
		c1000 - 5.0V	HN	-
		c1300 - 5.0V		Visual circuit after TKOF and DEP via MI NDB

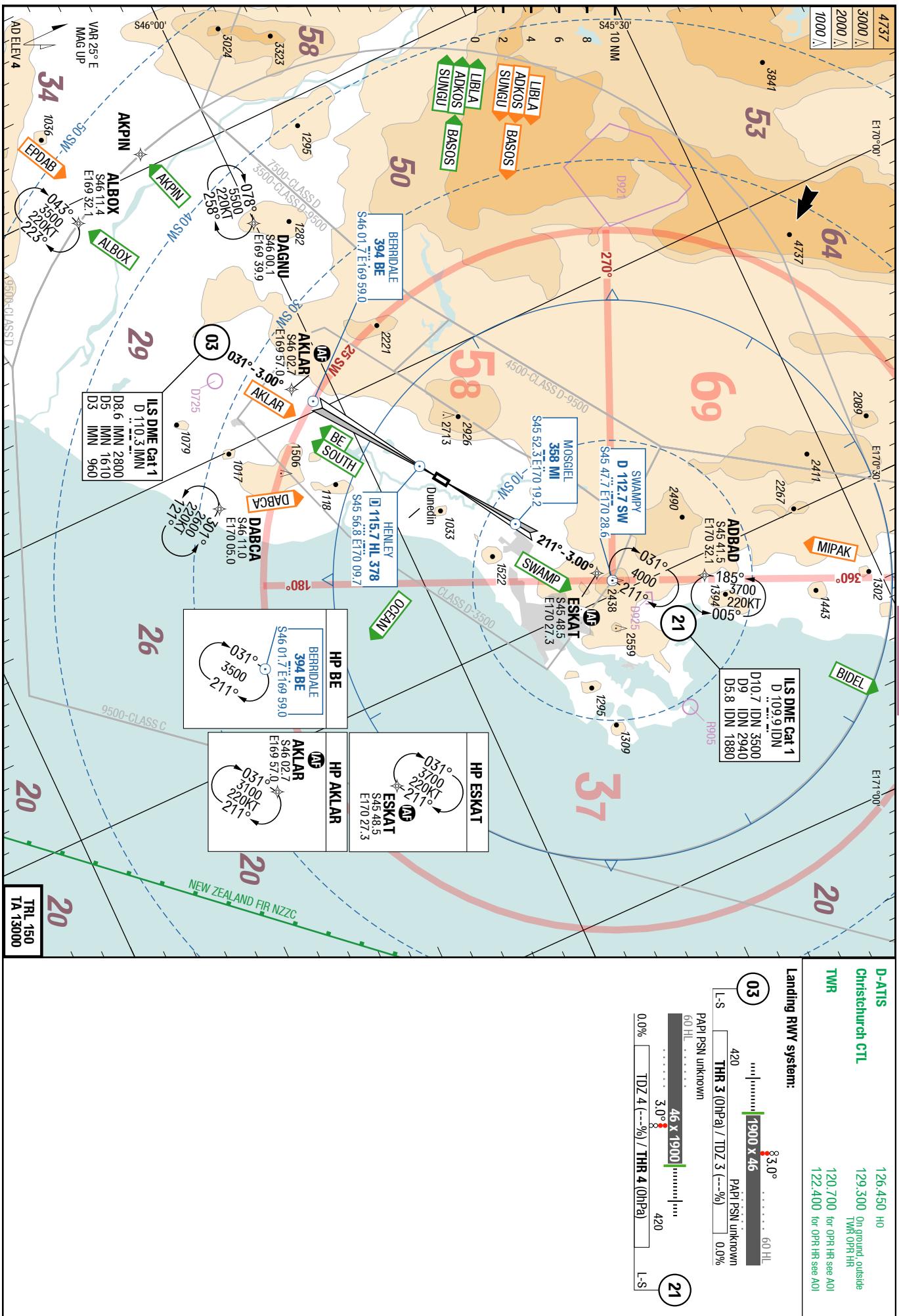
## Communication

Outside TWR HRs, contact Christchurch CTL for CLR and TFC information prior to entering IMC or controlled airspace.

**COM Failure:** See CRAR.

## De-Icing

MON-FRI 2030-0500‡, other times AVBL PN.

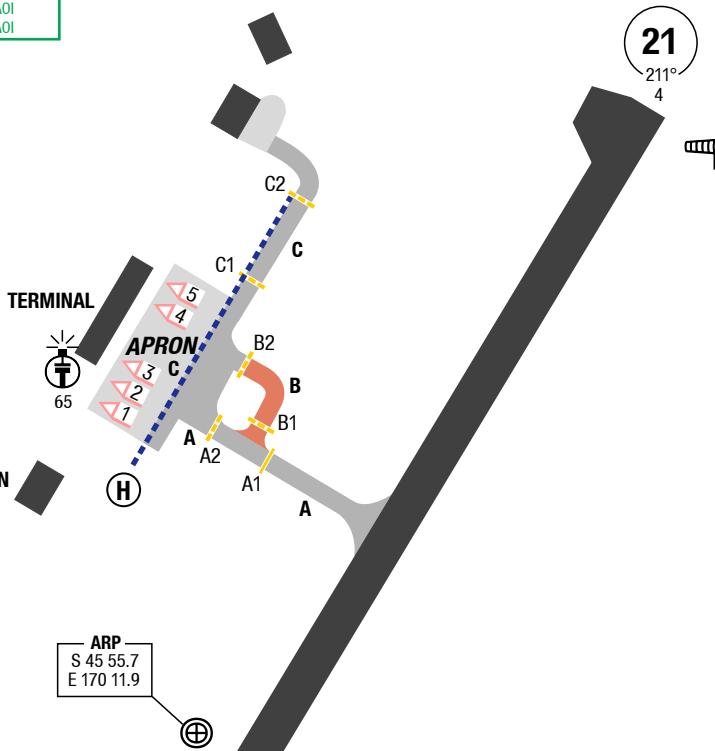


E170°12'

E170°12'

D-ATIS	126.450	HO
Christchurch CTL	129.300	On ground, outside TWR OPR HR
TWR	120.700	for OPR HR see AOI
	122.400	for OPR HR see AOI

Legend:  
 Non-Movement Area

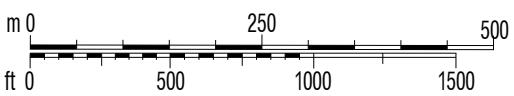


COORDINATES  
**1-3** S45 55.5 E170 12.0  
**4** S45 55.4 E170 12.0  
**5** S45 55.4 E170 12.1

RWY	TORA	ASDA	TODA
<b>03</b>	1900	1900	1960
<b>21</b>	1900	1900	1960

031°  
3  
095.9PS  
VAR 25° E  
MAG UP

AD ELEV 4



**Effective 30-MAR-2017**

## DUD-NZDN

**4-10**

**RNAV SIDs BASOS / ALBOX / AKPIN**

**SID**  
**SID**

**RNAV SIDs BASOS / ALBOX / AKPIN**

**Dunedin New Zealand**

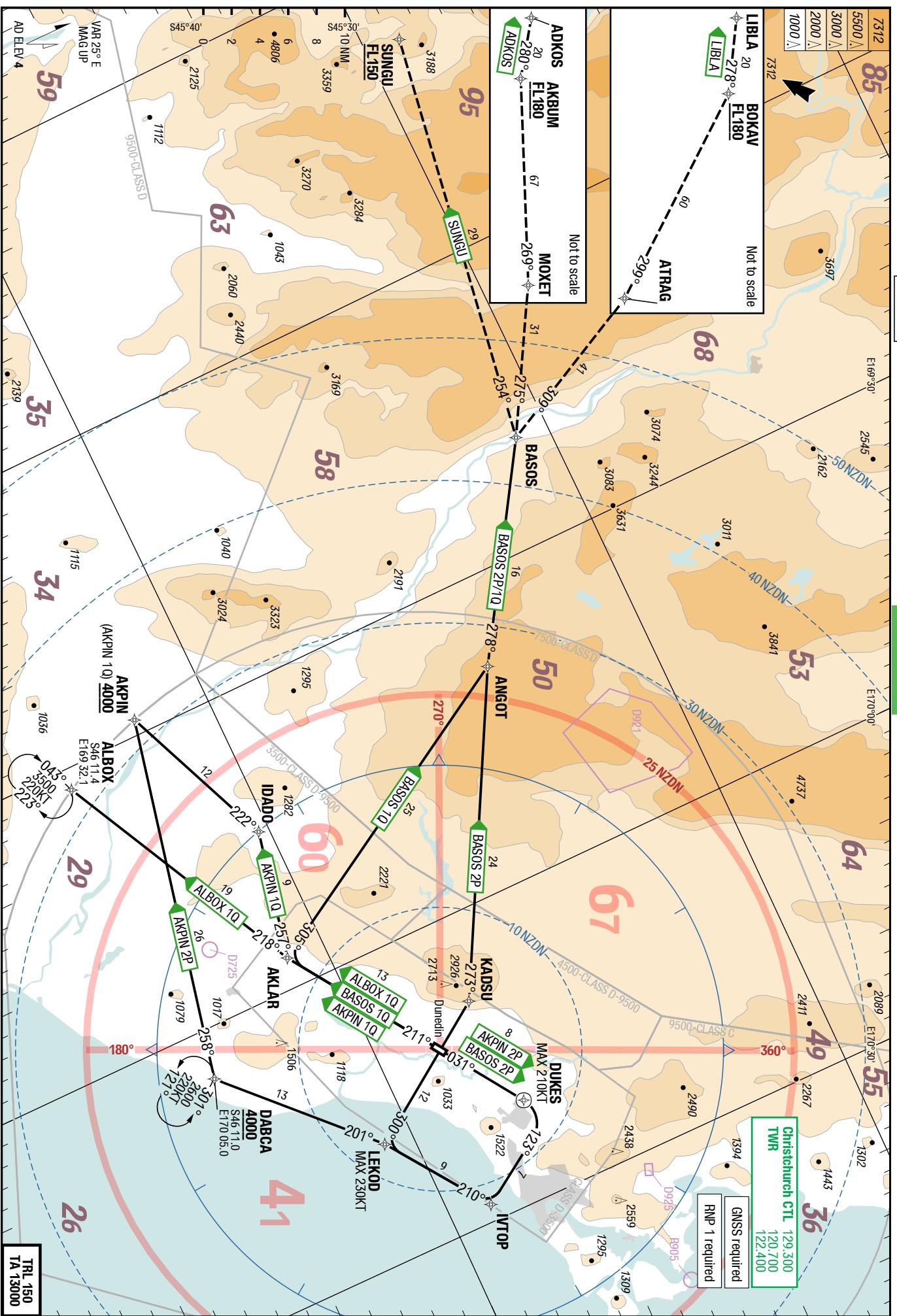
**RNAV SID BIDEL**

**RNAV SID BIDEL**

**Christchurch CTL 129.300  
TWR 120.700  
122.400**

**GNSS required**

**RNP 1 required**



Effective 30-MAR-2017

DUD-NZDN

4-20

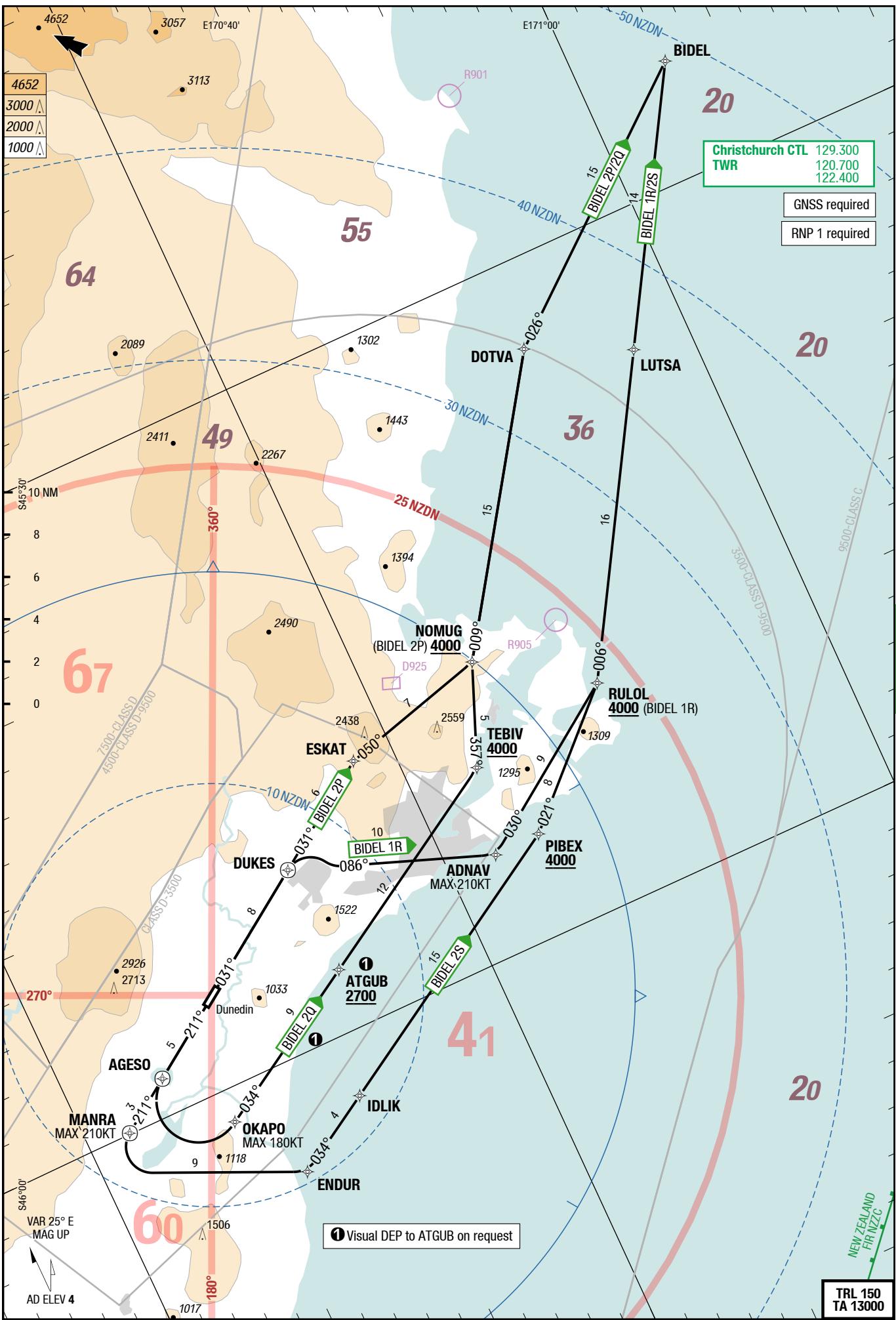
RNAV SID BIDEL

SID

RNAV SID BIDEL

New Zealand Dunedin

Dunedin New Zealand



26-NOV-2015

DUD-NZDN

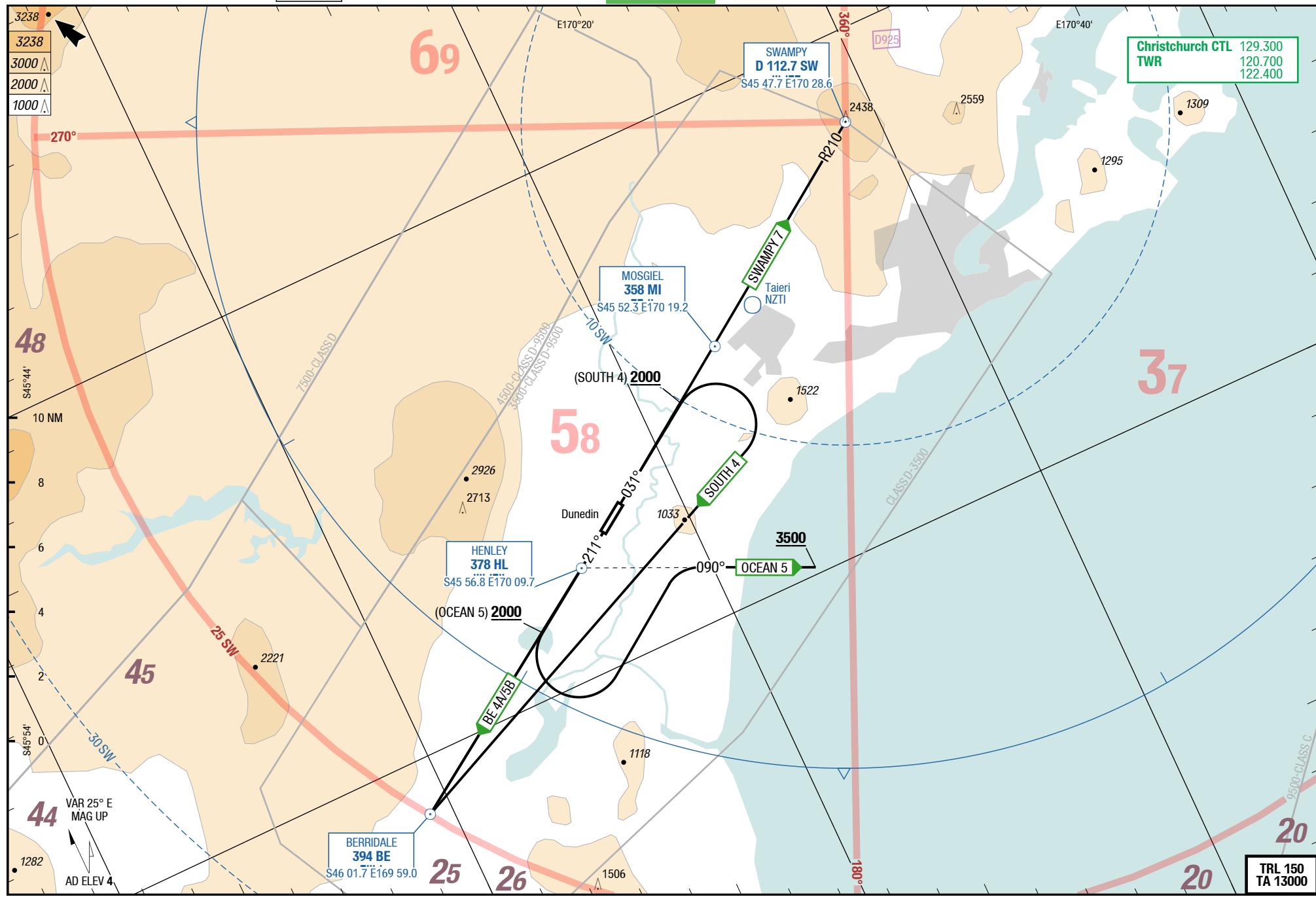
## New Zealand Dunedin

SID  
SIDs

## Dunedin New Zealand

SID  
SIDs

4-30



Changes: new

**DUD-NZDN****5-10****RNAV SIDs BASOS / ALBOX / AKPIN****AKPIN 2P / BASOS 2P / AKPIN 1Q / ALBOX 1Q**

RWYs 03 (031°) / 21 (211°)

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 03</b>	
<b>AKPIN 2P</b> <b>120.700</b> <b>122.400</b> ①	DUKES (MAX 210KT) - <b>RT</b> to IVTOP - <b>RT</b> to LEKOD (MAX 230KT) - <b>LT</b> to DABCA - <b>RT</b> to AKPIN	DABCA MNM <b>4000</b>
<b>BASOS 2P</b> 3.6% to 5000 <b>120.700</b> <b>122.400</b> ②	DUKES (MAX 210KT) - <b>RT</b> to IVTOP - <b>RT</b> to LEKOD (MAX 230KT) - <b>RT</b> to KADSU - <b>LT</b> to ANGOT - <b>RT</b> to BASOS	
	<b>TRANSITION</b>	
	<b>ADKOS</b> BASOS - MOXET - AKBUM - ADKOS	AKBUM MNM <b>FL180</b>
	<b>LIBLA</b> BASOS - ATRAG - BOKAV - LIBLA	BOKAV MNM <b>FL180</b>
	<b>SUNGU</b> BASOS - SUNGU	SUNGU MNM <b>FL150</b>
	<b>Runway 21</b>	
<b>AKPIN 1Q</b> <b>120.700</b> <b>122.400</b> ①	AKLAR - <b>RT</b> to IDADO - <b>LT</b> to AKPIN	AKPIN MNM <b>4000</b>
<b>ALBOX 1Q</b> <b>120.700</b> <b>122.400</b> ①	AKLAR - <b>RT</b> to ALBOX	

① ATC may require hold down at or above 4000

② ATC may require hold down at or above 11000

**BASOS 1Q**

RWY 21 (211°)

	GS	120	150	180	210	240	270
4.3%	ft/MIN	600	700	800	1000	1100	1200
6.5%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 21</b>	
<b>BASOS 1Q</b>	AKLAR - RT to ANGOT - LT to BASOS	
4.3% to 4800	<b>TRANSITION</b>	
6.5% to FL150		
<b>120.700</b>	<b>ADKOS</b> BASOS - MOXET - AKBUM - ADKOS	AKBUM MNM <b>FL180</b>
<b>122.400</b>	<b>LIBLA</b> BASOS - ATRAG - BOKAV - LIBLA	BOKAV MNM <b>FL180</b>
①②	<b>SUNGU</b> BASOS - SUNGU	SUNGU MNM <b>FL150</b>

① ATC may require hold down at or above 11000

② Climb gradient due to ASP

05-JAN-2017

**DUD-NZDN****5-30****RNAV SID BIDEL**

SIDPT

**BIDEL 1R / BIDEL 2P / BIDEL 2Q / BIDEL 2S**

RWYs 03 (031°) / 21 (211°)

	GS	120	150	180	210	240	270
3.8%	ft/MIN	500	600	700	900	1000	1100
4.0%	ft/MIN	500	700	800	900	1000	1100

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 03</b>	
<b>BIDEL 1R</b> <b>120.700</b> <b>122.400</b> ①	direct DUKES - <b>RT</b> to ADNAV (MAX 210KT) - <b>LT</b> to RULOL - <b>LT</b> via LUTSA to BIDEL	RULOL MNM <b>4000</b>
<b>BIDEL 2P</b> 4.0% to 3000 <b>120.700</b> <b>122.400</b> ①	direct DUKES - ESKAT - <b>RT</b> to NOMUG - <b>LT</b> to DOTVA - <b>RT</b> to BIDEL	NOMUG MNM <b>4000</b>
	<b>Runway 21</b>	
<b>BIDEL 2Q</b> 3.8% to 1600 <b>120.700</b> <b>122.400</b> ①②	direct AGESO - <b>LT</b> to OKAPO (MAX 180KT) - <b>LT</b> via ATGUB to TEBIV - <b>LT</b> to NOMUG - <b>RT</b> to DOTVA - <b>RT</b> to BIDEL	ATGUB MNM <b>2700</b> TEBIV MNM <b>4000</b>
<b>BIDEL 2S</b> <b>120.700</b> <b>122.400</b> ①	direct AGESO - MANRA (MAX 210KT) - <b>LT</b> to ENDUR - IDLIK - PIBEX - <b>LT</b> to RULOL - <b>LT</b> via LUTSA to BIDEL	PIBEX MNM <b>4000</b>

① ATC may require hold down at or above 4000

② Visual DEP to ATGUB on request

05-JAN-2017

**DUD-NZDN****5-40****SIDs****SOUTH 4 / SWAMPY 7 / BERRIDALE 4A / BERRIDALE 5B**

RWYs 03 (031°) / 21 (211°)

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200
4.6%	ft/MIN	600	700	900	1000	1200	1300
8.8%	ft/MIN	1100	1400	1700	1900	2200	2500

DESIGNATOR	ROUTING	ALTITUDES
<b>Runway 03</b>		
<b>SOUTH 4</b> 4.2% to 3200 8.8% to 2000 <b>120.700</b> <b>122.400</b> ①②④	intercept R210 <b>SW</b> inbound - at MNM <b>2000 RT</b> direct <b>BE</b> - intercept track	
<b>SWAMPY 7</b> 4.2% to 3200 8.8% to 2000 <b>120.700</b> <b>122.400</b> ①②④	intercept R210 <b>SW</b> to <b>SW</b> - intercept track	
<b>Runway 21</b>		
<b>BERRIDALE 4A</b> <b>BE 4A</b> <b>120.700</b> <b>122.400</b> ③④	direct <b>BE</b> - intercept track	
<b>BERRIDALE 5B</b> <b>BE 5B</b> 4.6% to 4000 <b>120.700</b> <b>122.400</b> ③④	direct <b>BE</b> - at <b>BE RT</b> intercept track	

① Caution: T957 Taieri (VFR Transit Lanes), SFC - 1100ft lies east of MI NDB

② Climb gradient 8.8% due to ASP.

③ Trees 181°/537m from DER, 80ft MSL

④ Outside of TWR OPR HR contact Christchurch CTL (129.300) for clearance and TFC information prior entering IMC or controlled ASP.

26-NOV-2015

**DUD-NZDN****5-50****SIDs****OCEAN 5**

RWY 21 (211°)

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 21</b>	
<b>OCEAN 5</b> 3.5% to 2000 <b>120.700</b> <b>122.400</b> ①②	at MNM <b>2000 LT</b> intercept QDR 090 <b>HL</b> - at MNM <b>3500</b> intercept track	

- ① Trees 181°/537m from DER, 80ft MSL  
 ② Outside of TWR OPR HR contact Christchurch CTL (129.300) for clearance and TFC information prior entering IMC or controlled ASP.

Changes: New

06-SEP-2018

DUD-NZDN

New Zealand Dunedin

(RNAV STARs BASOS)

6-10

RNAV STAR AKLAR 1B

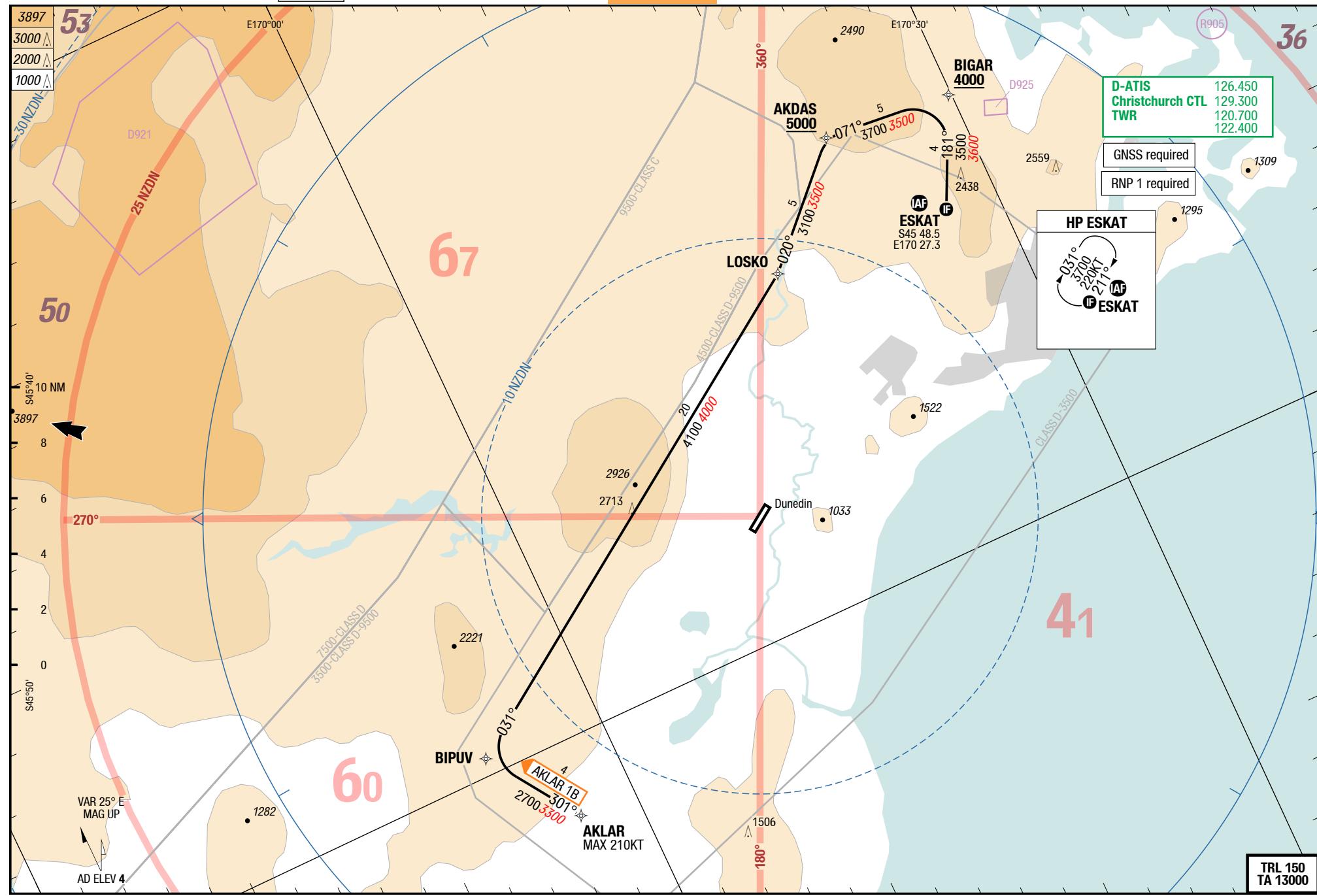
STAR

STAR

Dunedin New Zealand

(RNAV STARs BASOS)

RNAV STAR AKLAR 1B



Changes: FREQ, ASP, OBST

06-SEP-2018

DUD-NZDN

New Zealand Dunedin

RNAV STARs BASOS

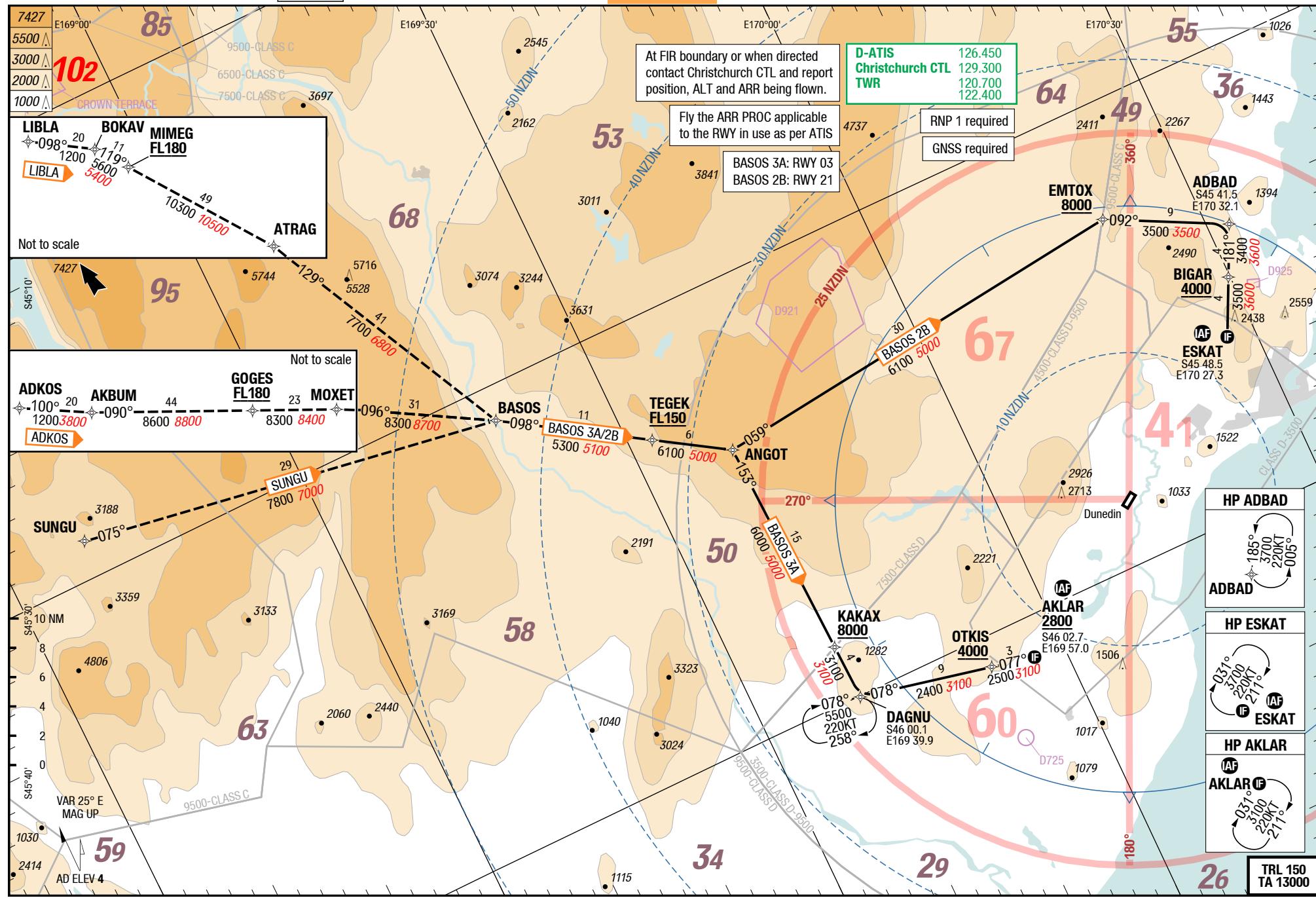
STAR

STAR

Dunedin New Zealand

RNAV STARs BASOS

6-20



06-SEP-2018

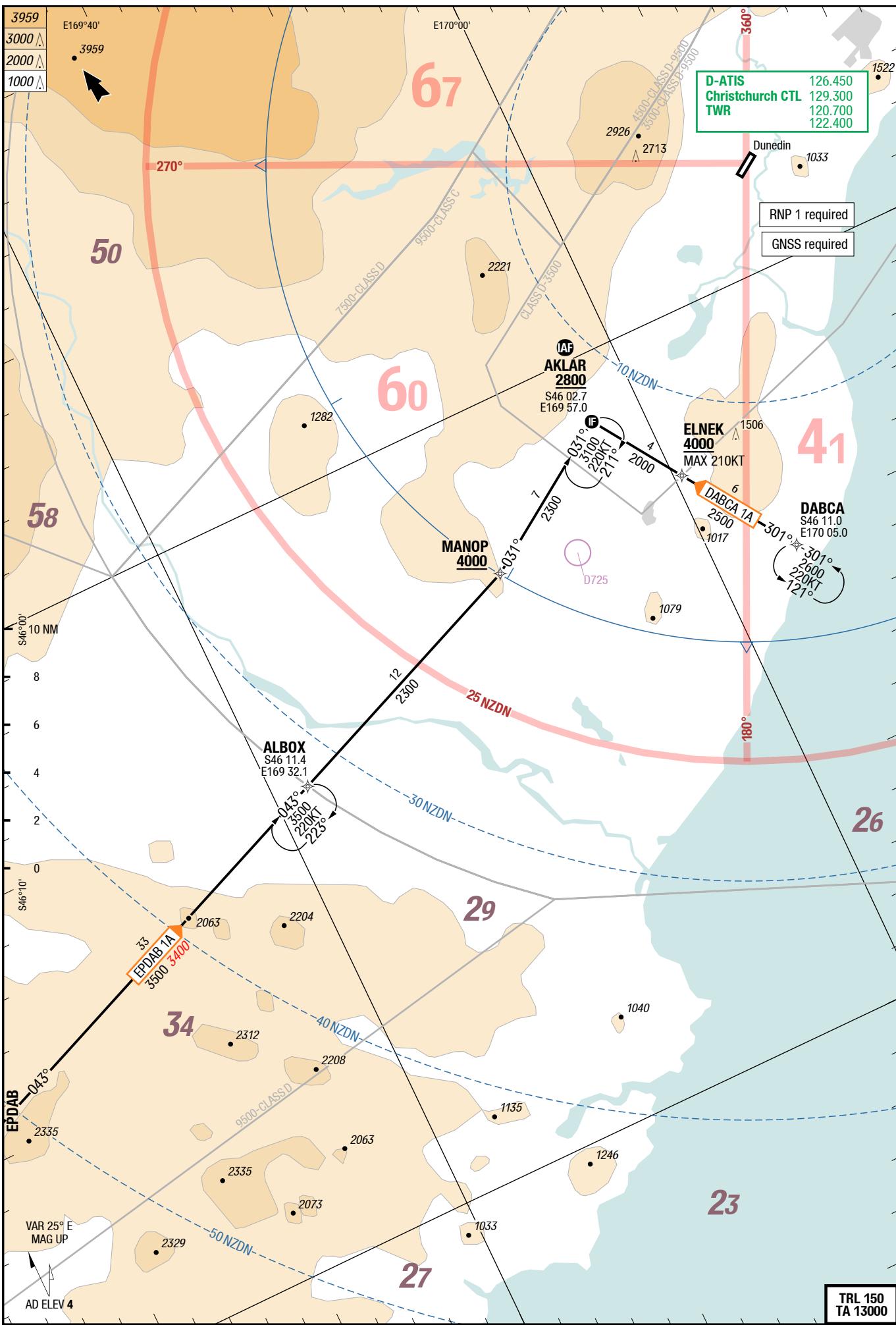
DUD-NZDN

6-30

New Zealand Dunedin  
 RNAV STARS DABCA 1A / EPDAB 1A

STAR  
STAR

Dunedin New Zealand  
 RNAV STARS DABCA 1B / EDPAB 1B  
 RNAV STARS DABCA 1A / EPDAB 1A



06-SEP-2018

DUD-NZDN

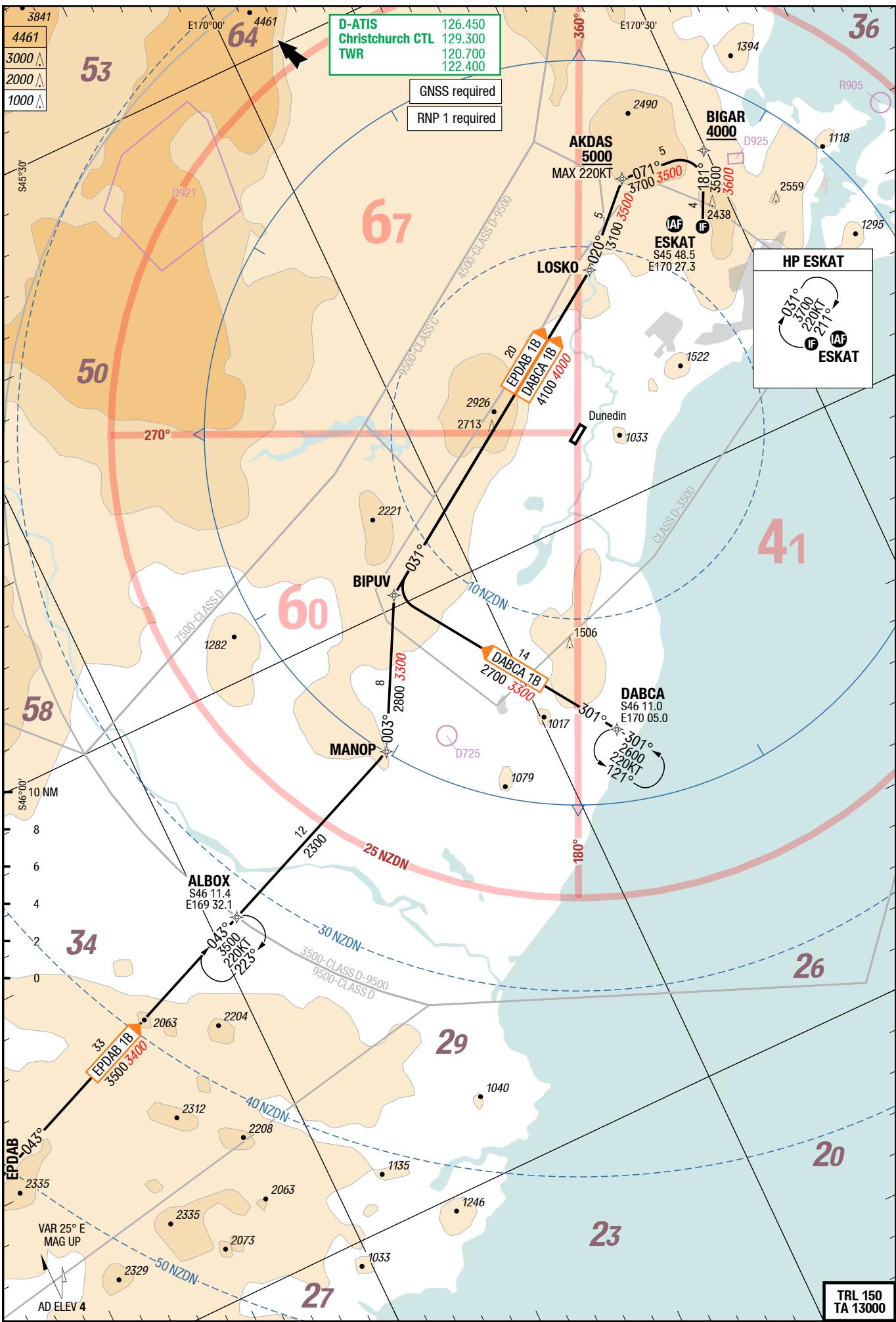
New Zealand Dunedin

6-40 RNAV STARS DABCA 1B / EDPA 1B

STAR  
STAR

Dunedin New Zealand

RNAV STARS DABCA 1B / EDPA 1B



06-SEP-2018

DUD-NZDN

New Zealand Dunedin

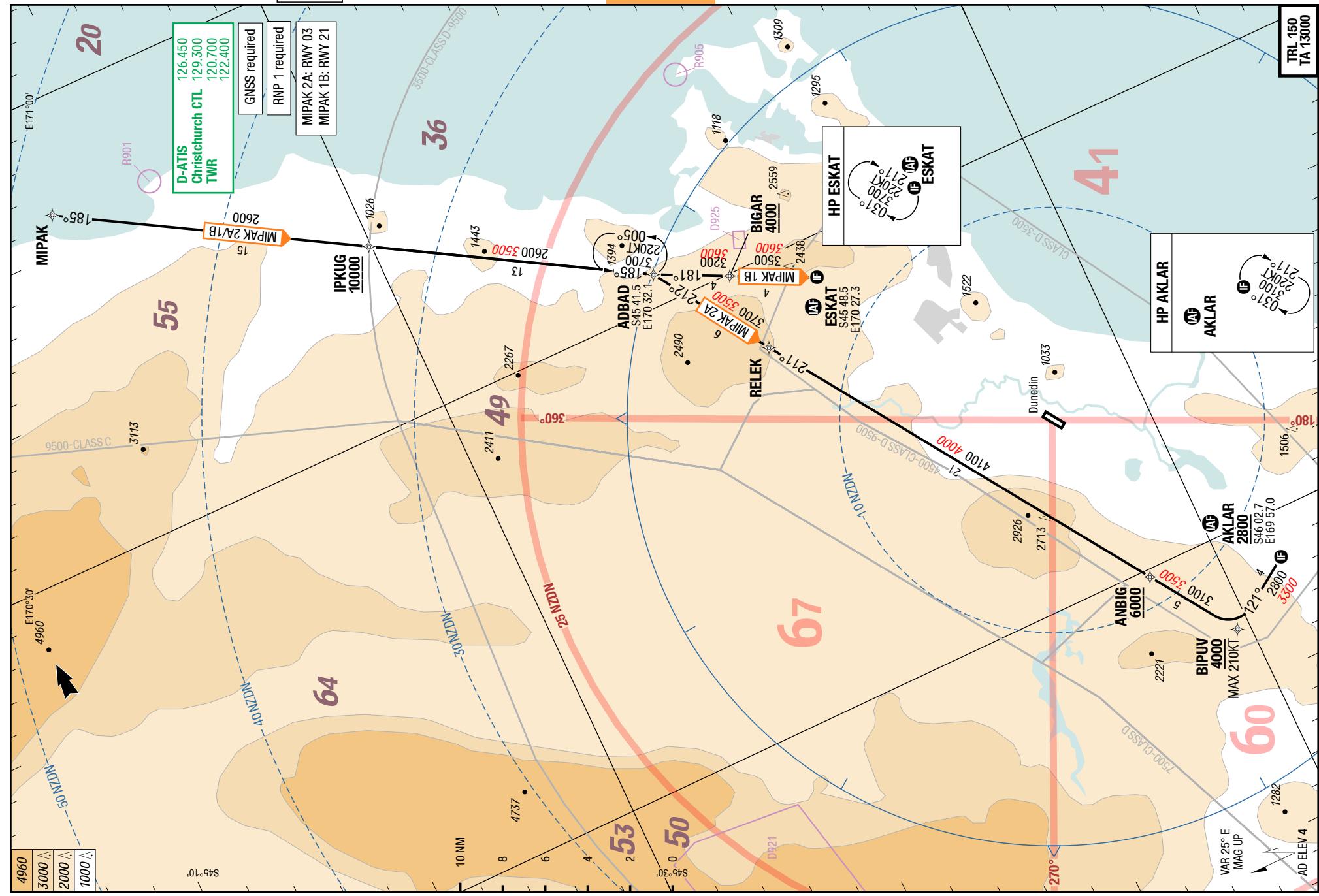
6-50

RNAV STARs MIPAK

STAR

# Dunedin New Zealand

RNAV STARs MIPAK

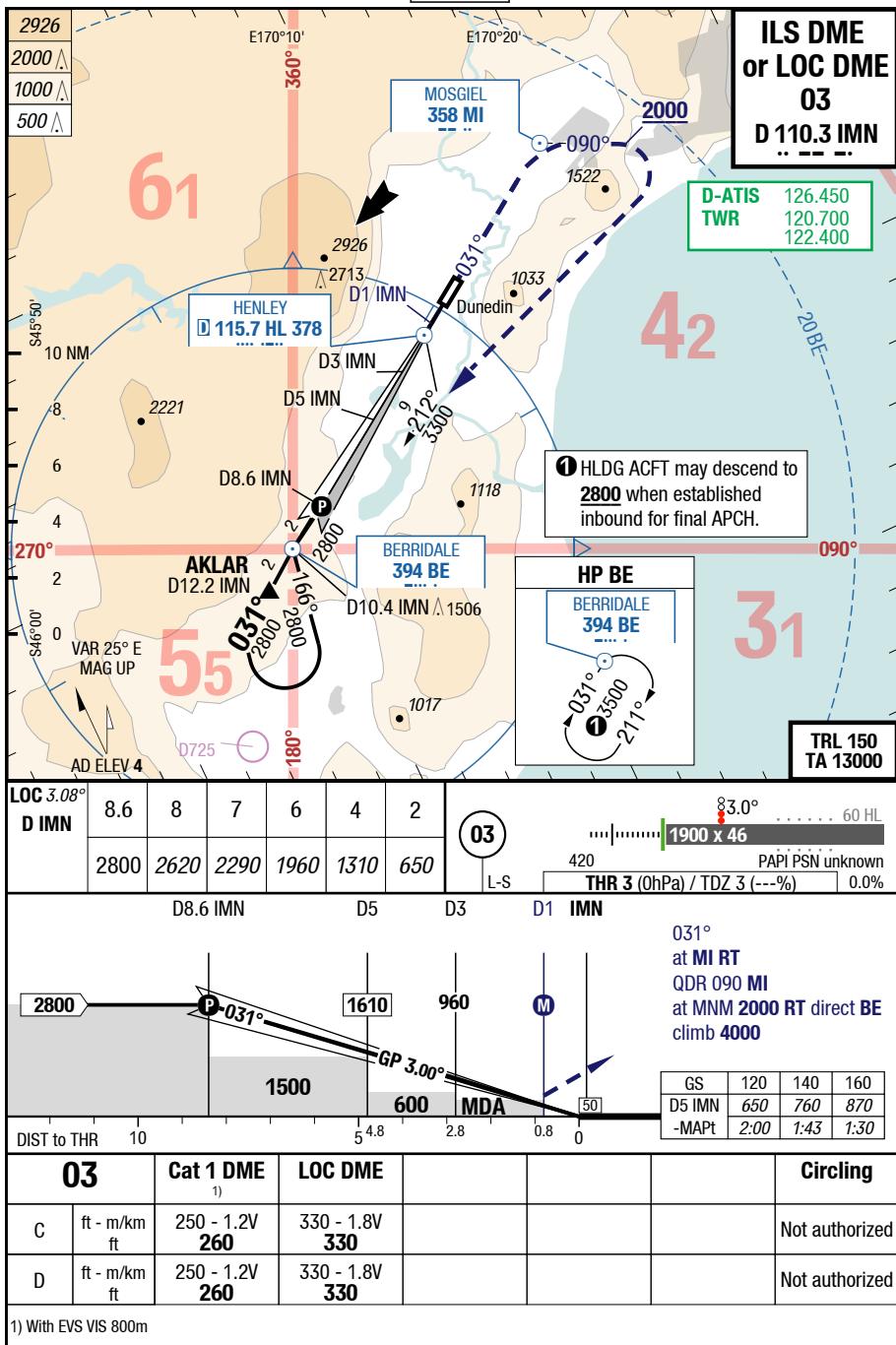


06-SEP-2018

DUD-NZDN

7-10

ILS DME or LOC DME 03



Changes: FREQ

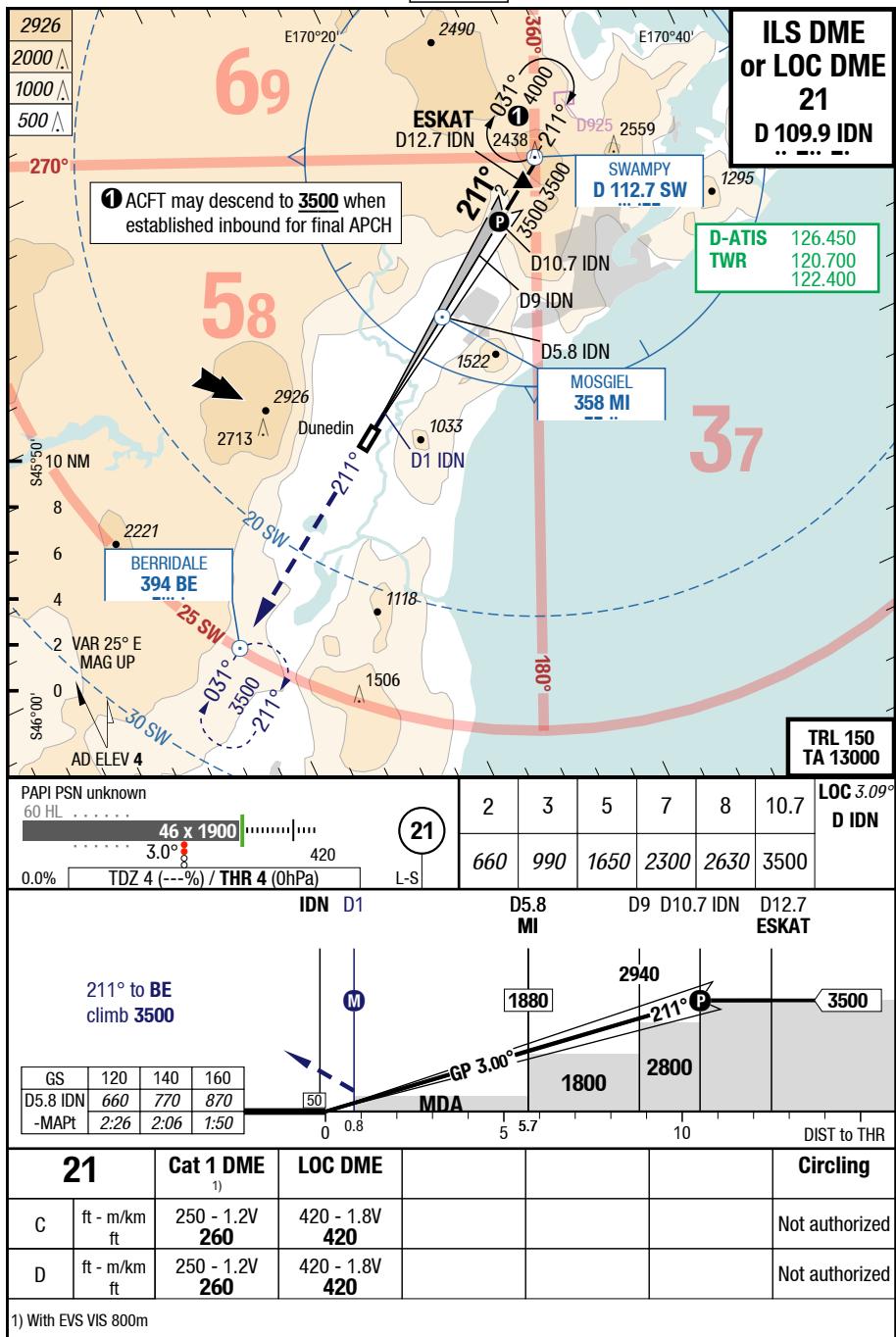
06-SEP-2018

DUD-NZDN

7-20

ILS DME or LOC DME 21

IAC



Changes: FREQ

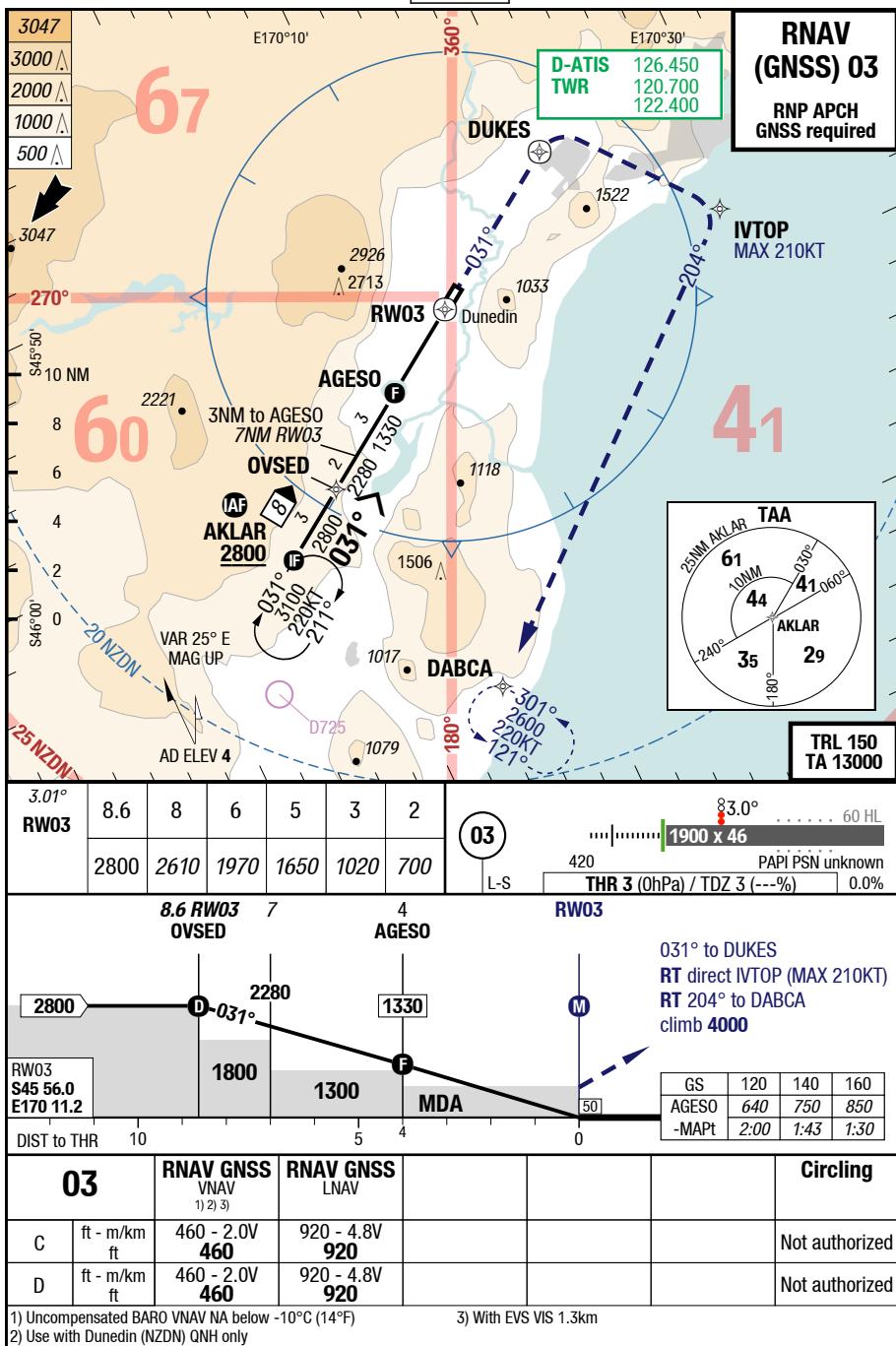
06-SEP-2018

DUD-NZDN

7-30

IAC

RNAV (GNSS) 03



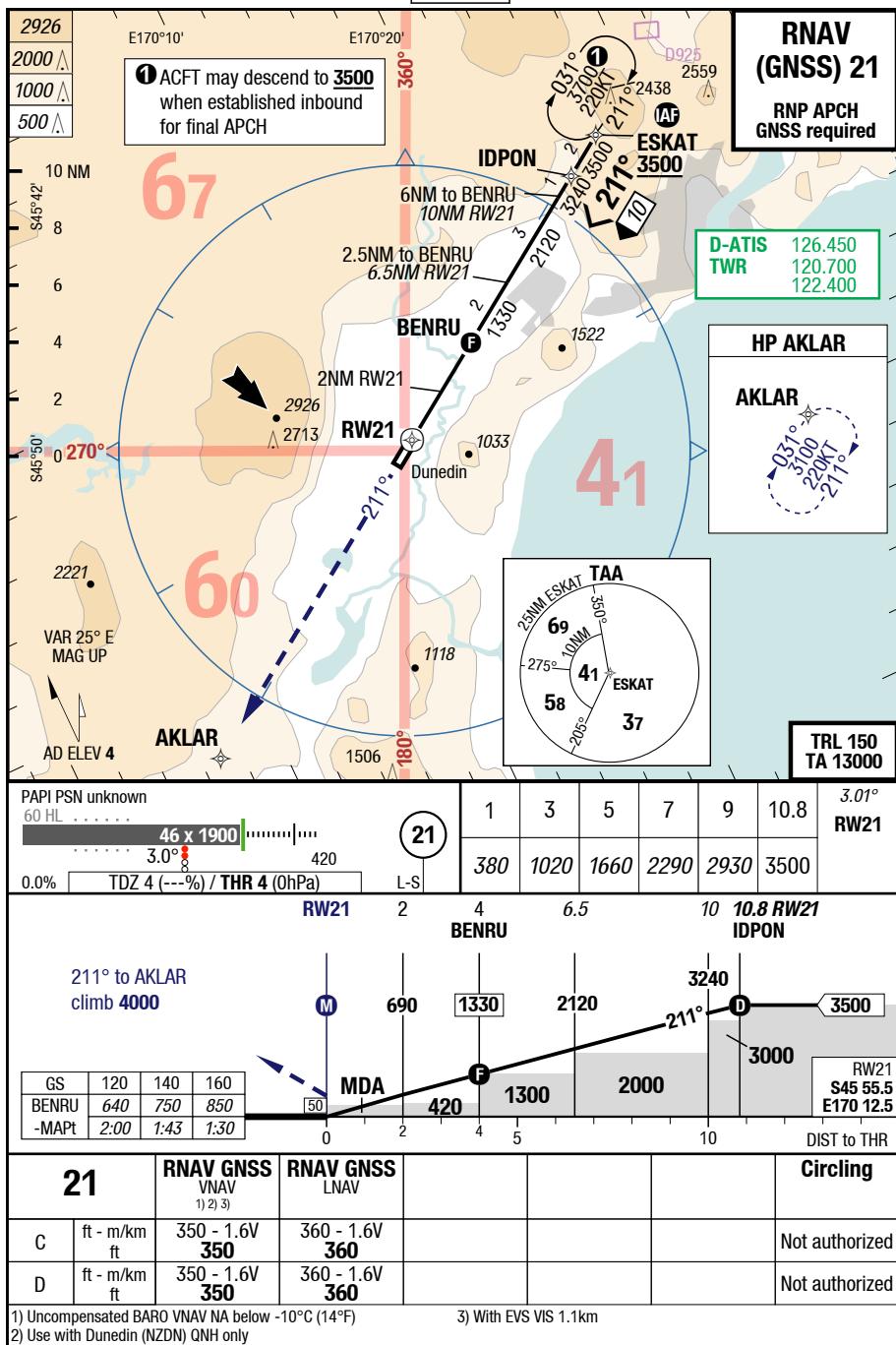
Changes: FREQ

06-SEP-2018

DUD-NZDN

7-40

RNAV (GNSS) 21



Changes: FREQ

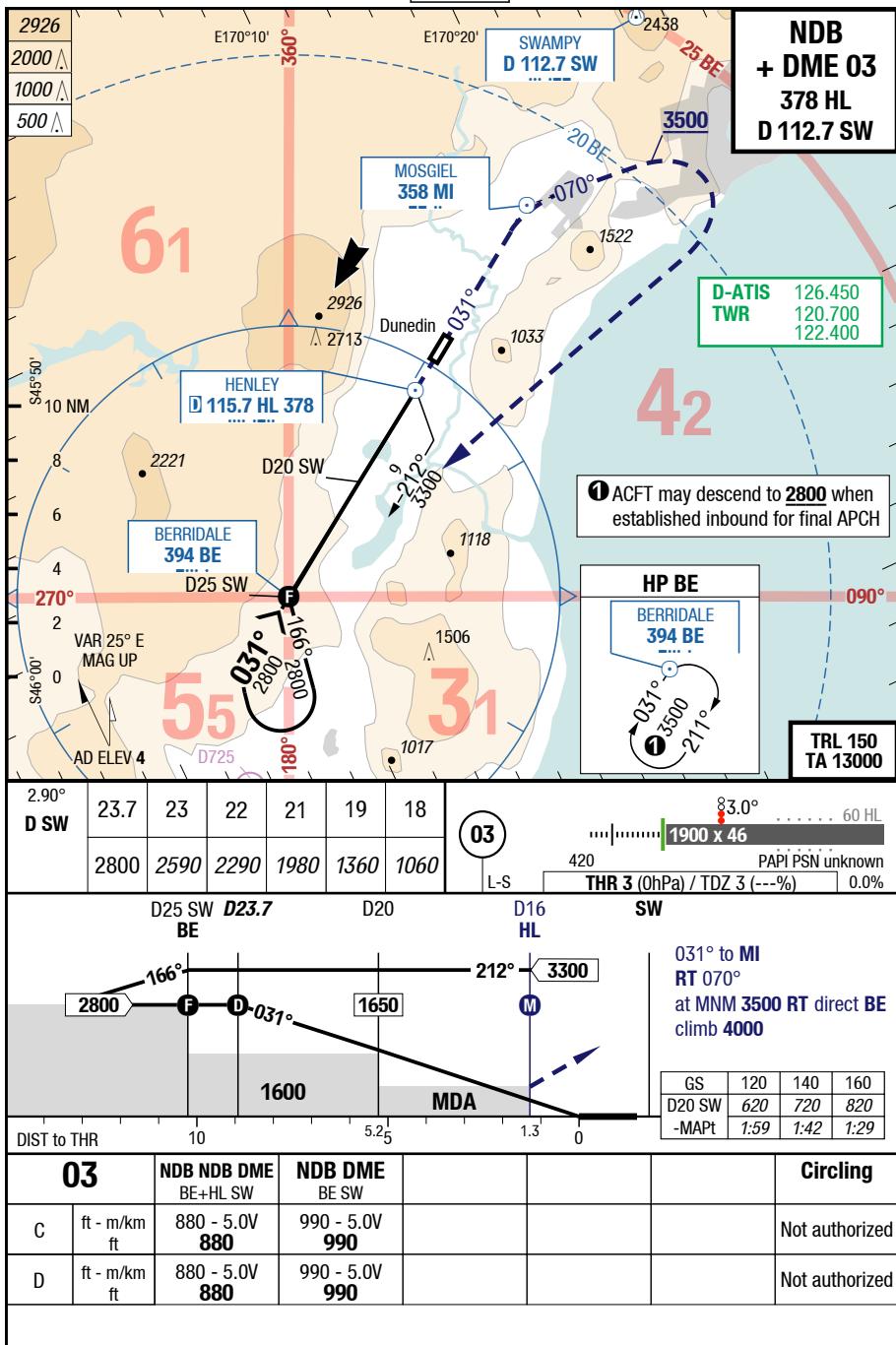
06-SEP-2018

DUD-NZDN

7-50

NDB + DME 03

IAC



Changes: FREQ

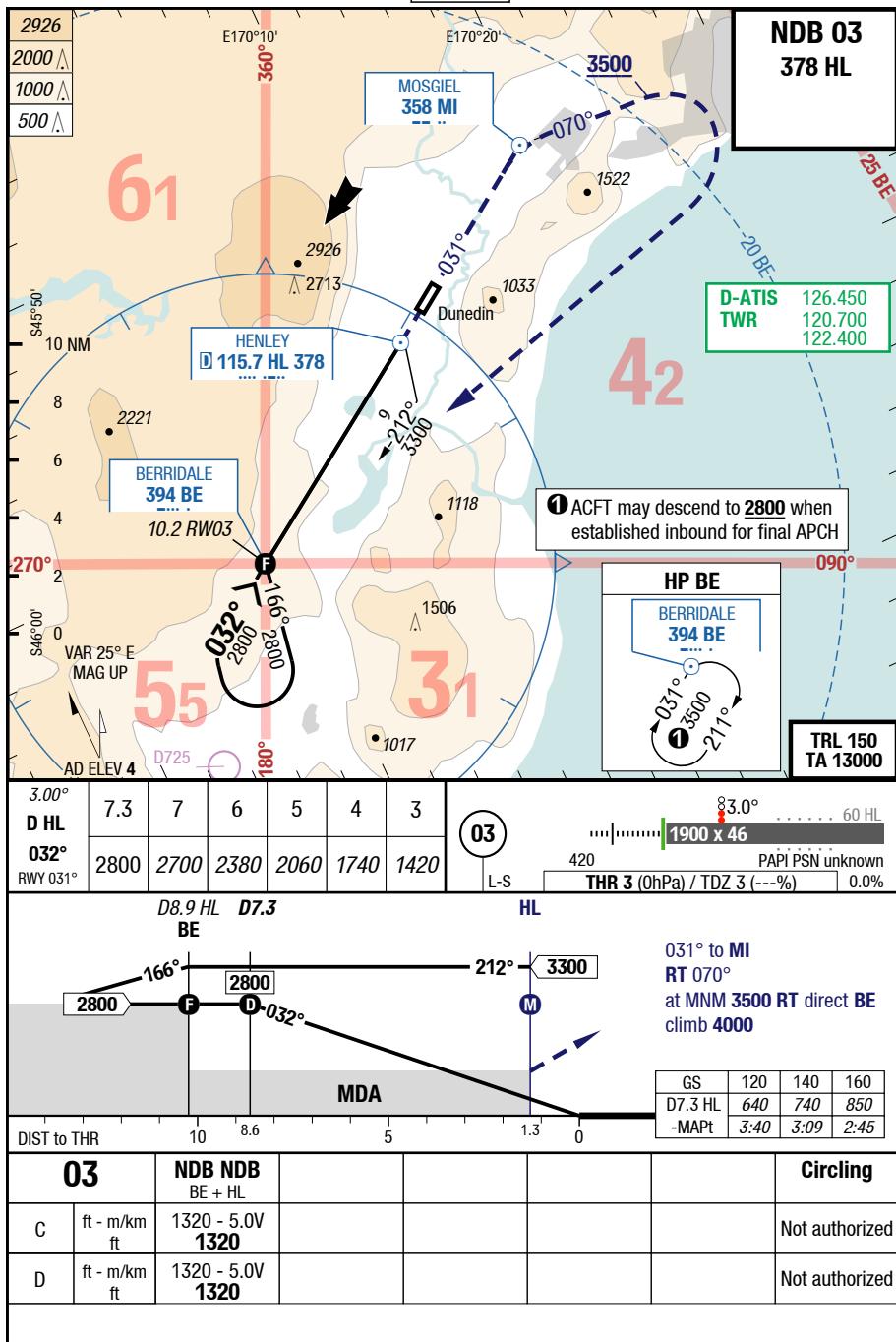
06-SEP-2018

## DUD-NZDN

7-60

NDB 03

IAC



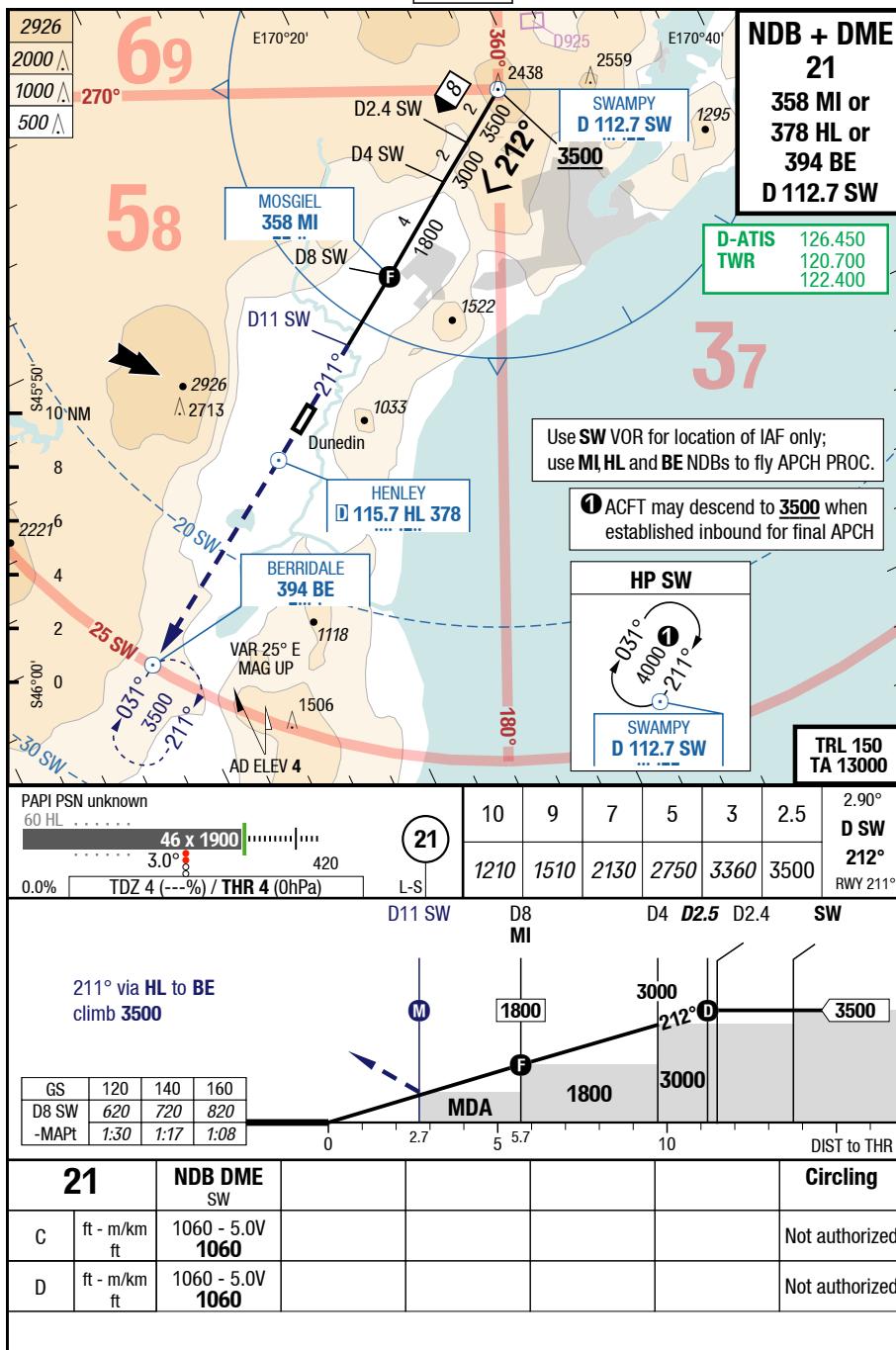
Changes: FREQ

06-SEP-2018

DUD-NZDN

7-70

NDB + DME 21



Changes: FREQ