

**GENERAL****Operational Hours****ATS Hours:** H24**AD OPS Hours:** Not published**Airport Information****RFF:** CAT 8**PCN:** RWY 15/33: 90/F/D/1518 (220PSI) /U Grooved**Operation****Low Visibility Procedure:** LVP not AVBL.**Preferential RWY**

LDG RWY 15.

TKOF RWY 15. Use TKOF PROC A or B.

**TWY Restrictions**

TWY A2 and A between A2 and A3 MAX 7t / 15432lbs.

TWY Y MAX 10t / 22046lbs.

TWY A3 MAX 23t / 50706lbs.

TWY A4 MAX 90t / 198416lbs.

**RWY Restriction**

ACFT with wingspan 36m / 118ft or above must use turning nodes at RWY ends.

RWY 15 THR turning node clockwise turns only.

All ACFT using RWY 15/33 turning nodes execute MAX radius turns.

All wide bodied ACFT using RWY 15/33 turning nodes use MNM thrust.

B747 execute anti-clockwise turn RWY 33 and clockwise turn RWY 15 if possible.

**Taxi/Parking**

ACFT LDG RWY 15 REQ approval to vacate on TWYs A2, B2.

ACFT LDG RWY 33 REQ approval to vacate on TWYs Y, B5.

For B777-300 normal CLR to TWY edge may not be AVBL during turns.

Outboard ENG on four-ENG jet ACFT to be operated at low PWR to prevent erosion and ENG damage.

All ACFT other than regular public transport 48 PPR for parking on APN.

Marshaller mandatory. Service to be provided by Fixed Base OPR or GND handler.

| SAFEGATE system is AVBL on bays 1-6 and 18-22.

**APU:** Use GPU instead of APU if possible, especially 1300-2000± on the INTL APN.

**GENERAL****Warnings****ICS DME**

RWY 15: Poor coverage beyond 25° west of RWY CL.

**ICN DME**

RWY 33: Poor coverage below FL150 between R020-R035 west of extended RWY CL.

Beware RWY incursions at TWY B and TWY A3.

Thunderstrom warning system installed at APNs, shut down commences when lighting detected within 5NM. Expect ACFT docking and DEP delays during APN shut down.

Parachuting in vicinity of AD.

Birds in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication**

**COM Failure:** See CRAR and in addition;

If able contact Cairns ATC on Tel. (07) 3866 3533.

Track via latest STAR CLR to the nominated RWY, then fly the most suitable APCH in accordance with ERSA EMERG.

**Arrival Procedure****VFR Traffic Pattern**

RWY 33 right-hand circuit.

**Visual APCH**

Special procedures apply for visual APCH. See CRAR.

**Reverse:** Limit the use of reverse thrust 1300-2000±.

**Noise Abatement Procedures:** See CRAR and in addition;

**PREFERRED FLIGHT PATHS**

Turbojet ARR: Expect to be routed clear of populous areas until seawards of the coastline or established on final APCH course. Delay flap deployment until as late as possible.

LDG RWY 15: Expect to be tracked via STAR. When VMC exists below 3000ft HJ, ACFT with MAX MTOW of 136t / 299829lbs will be CLRD to manoeuvre visually from BENJI to cross the coast at the mouth of Richters Creek: via the "Creek Corridor".

LDG RWY 33: Expect to be tracked via HENDO or D24 Arc to a RWY 33 LOC/DME APCH, or if weather conditions are suitable, join a visual right circuit seawards of the coastline.

## DEPARTURE

## Take-off Minima

RWY		15/33	
Multi ENG	ft - m/km	0 - 800V	wo LGT, HJ only
other		c300 - 2.0V	-

## Speed

MAX IAS 250KT below 10000ft.

## Communication

**COM Failure:** See CRAR and in addition;

Maintain last assigned vector for 2min and, if necessary, climb to MNM safe ALT to maintain terrain CLR, then proceed in accordance with the latest ATC route CLR acknowledged.

## Departure Procedure

**Noise Abatement Procedures:** See CRAR and in addition;

1300-0600±: No intersection DEPs RWY 15/33 for ACFT with MTOW above 23t / 50706lbs.

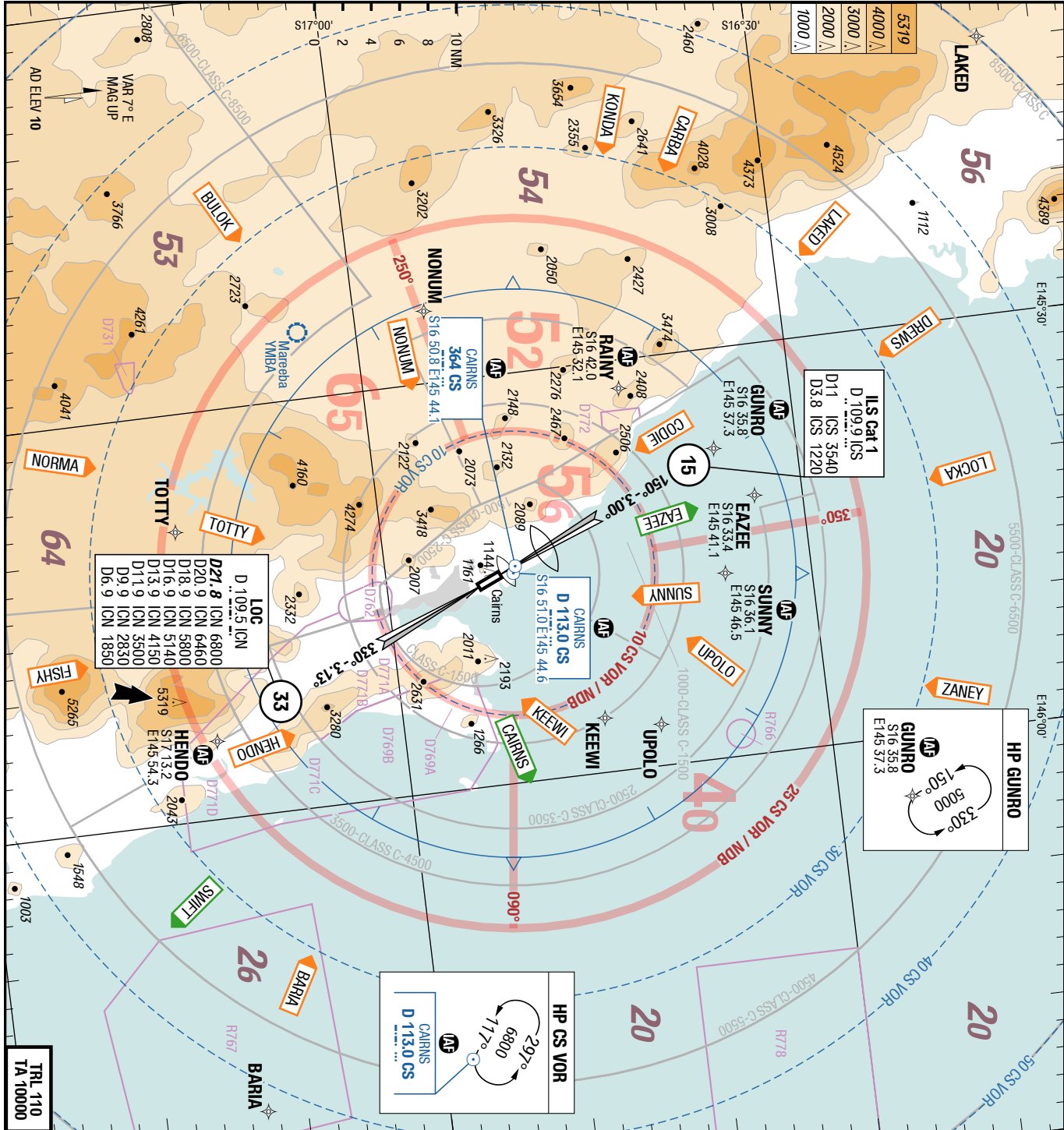
H24: No intersection DEPs RWY 15/33 for Chapter 2 ACFT.

## PREFERRED FLIGHT PATHS

Jet DEP: Follow the requirements of the SIDs and then be routed clear of populous areas.

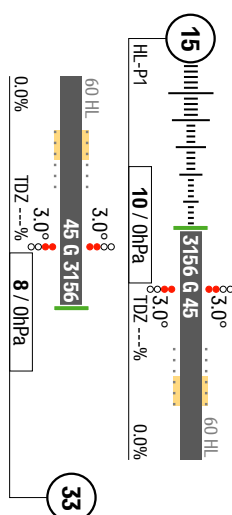
## ATC Slot, Clearance

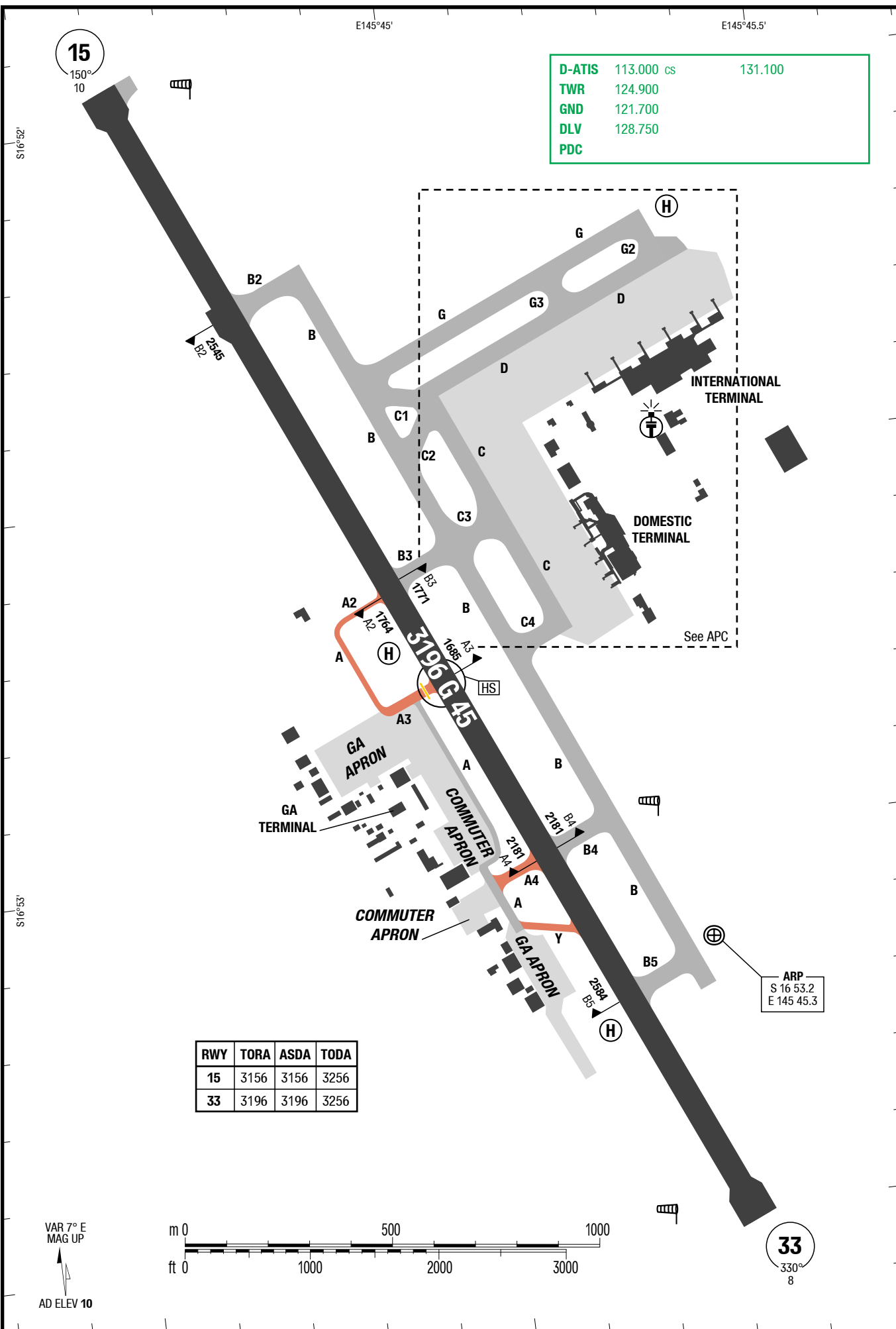
ACFT requesting DEP from within the Cairns CTR must contact DLV 128.750 for AWY CLR.



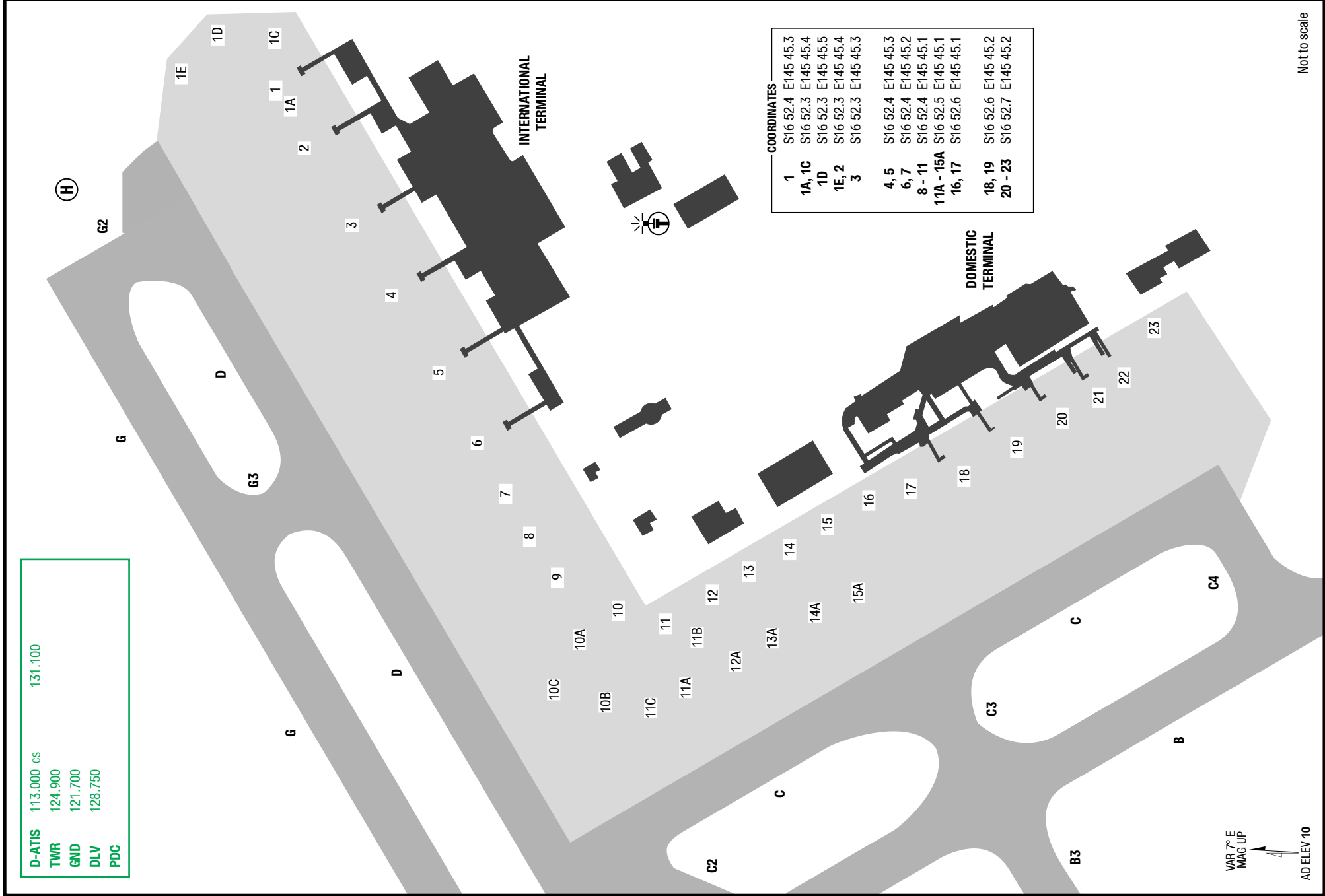
D-ATIS	113.000 CS	131.100
APP	118.400	126.100
DEP	118.400	126.100
TWR	124.900	
GND	121.700	
DLV	128.750	
PDC		

Landing RWY system:





3-30



15-JUN-2017

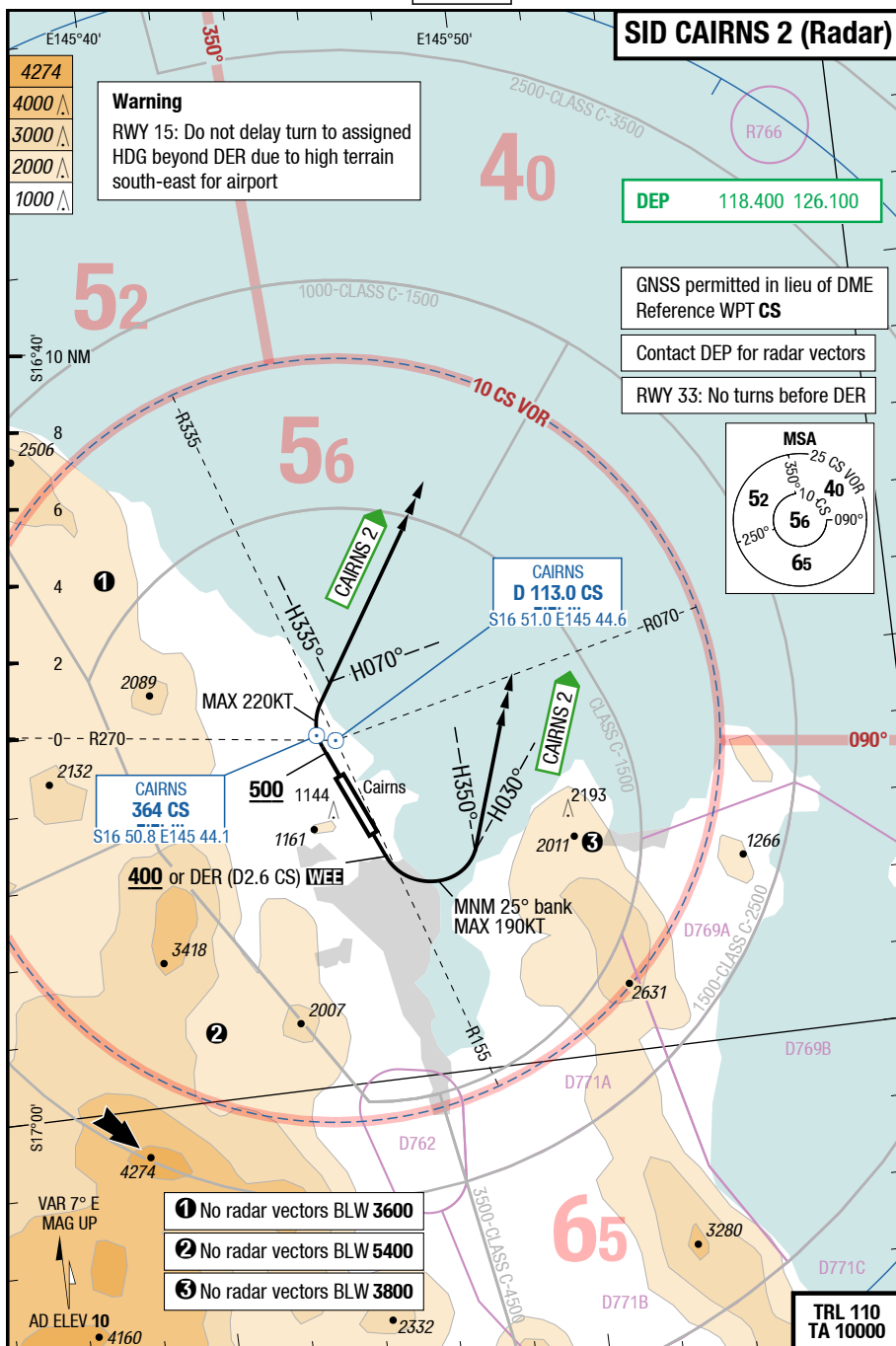
Australia **Cairns** Cairns Intl

SID

# CNS-YBCS

4-10

## SID CAIRNS 2 (Radar)



Changes: MSA, ALT, Note, OBST

Effective 22-JUN-2017

15-JUN-2017

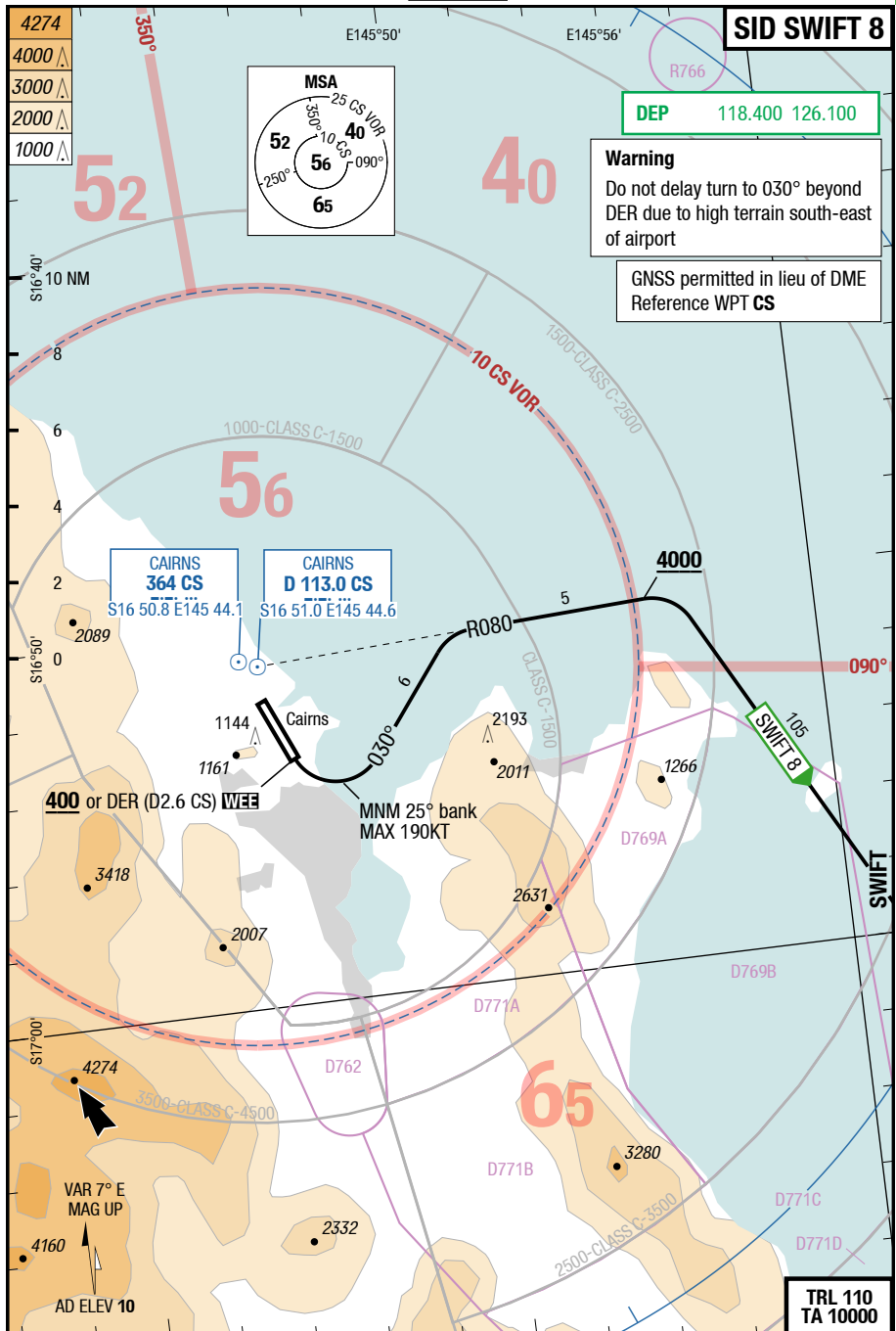
CNS-YBCS

Australia Cairns Cairns Intl

4-20

SID RWY 15 SWIFT 8

SID





**15-JUN-2017**

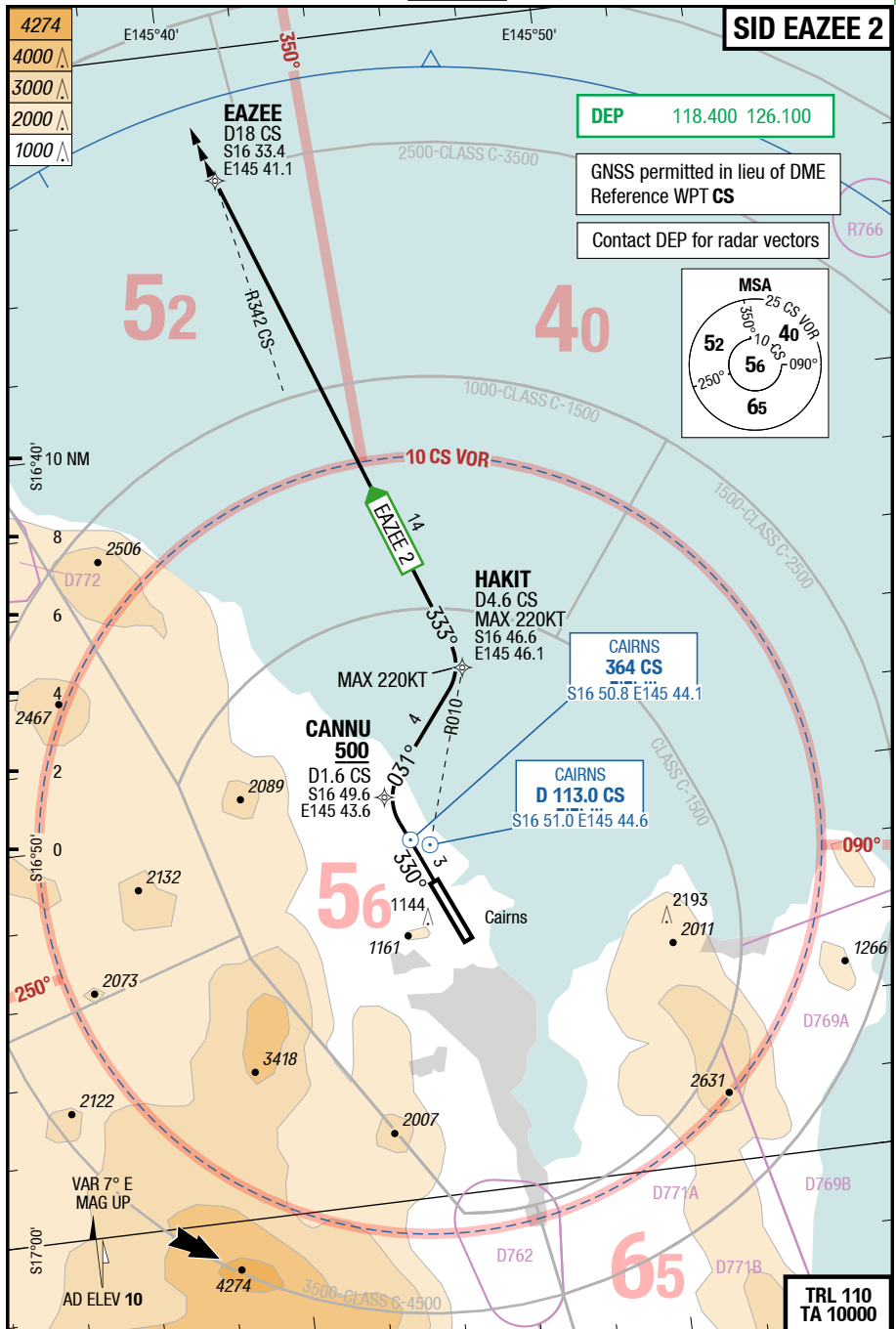
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SID

## CNS-YBCS

4-30

**SID RWY 33 EAZEE 2**



Changes: MSA, OBST, SUAs

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**CAIRNS 2 (RADAR)**

RWYs 15 (150°) / 33 (330°)

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100
4.6%	ft/MIN	600	700	900	1000	1200	1300

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 15</b>	
<b>CAIRNS 2 (RADAR)</b> 4.0% to 600 <b>118.400</b> ①	at MNM <b>400</b> or DER (D2.6 <b>CS</b> ), whichever is earlier, <b>LT</b> (MAX 190KT, MNM 25° bank) to assigned HDG between 350° and 030°	
	<b>Runway 33</b>	
<b>CAIRNS 2 (RADAR)</b> 4.6% to 2000 <b>118.400</b> ②	at MNM <b>500 RT</b> (MAX 220KT) to assigned HDG between 335° and 070°	

① Do not delay turn to assigned HDG beyond DER due to high terrain south-east of airport.

② No turns before DER

**SWIFT 8**

RWY 15 (150°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 15</b>	
<b>SWIFT 8</b> 4.0% to 600 <b>118.400</b> ①	at MNM <b>400</b> or DER (D2.6 <b>CS</b> ), whichever is earlier, <b>LT 030°</b> (MAX 190KT, MNM 25° bank) intercept R080 <b>CS</b> - at MNM <b>4000</b> <b>RT</b> direct SWIFT	

① Do not delay turn to 030° beyond DER due to high terrain south-east of airport.

15-JUN-2017

CNS-YBCS

5-30

SID RWY 33 EAZEE 2

SIDPT

## EAZEE 2

RWY 33 (330°)

	GS	120	150	180	210	240	270
4.6%	ft/MIN	600	700	900	1000	1200	1300

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 33</b>	
<b>EAZEE 2</b> 4.6% to 2000 <b>118.400</b> ①	at CANNU RT 032° - at HAKIT (MAX 220KT) LT 333° to EAZEE - expect vectors to cleared route	CANNU MNM 500

① MAX 220KT until HAKIT.

Effective 01-MAR-2018

22-FEB-2018

CNS-YBCS

Australia Cairns Cairns Intl

RNAV STAR HENDO 8

6-10

RNAV STARs CODIE 7 / NONUM 3

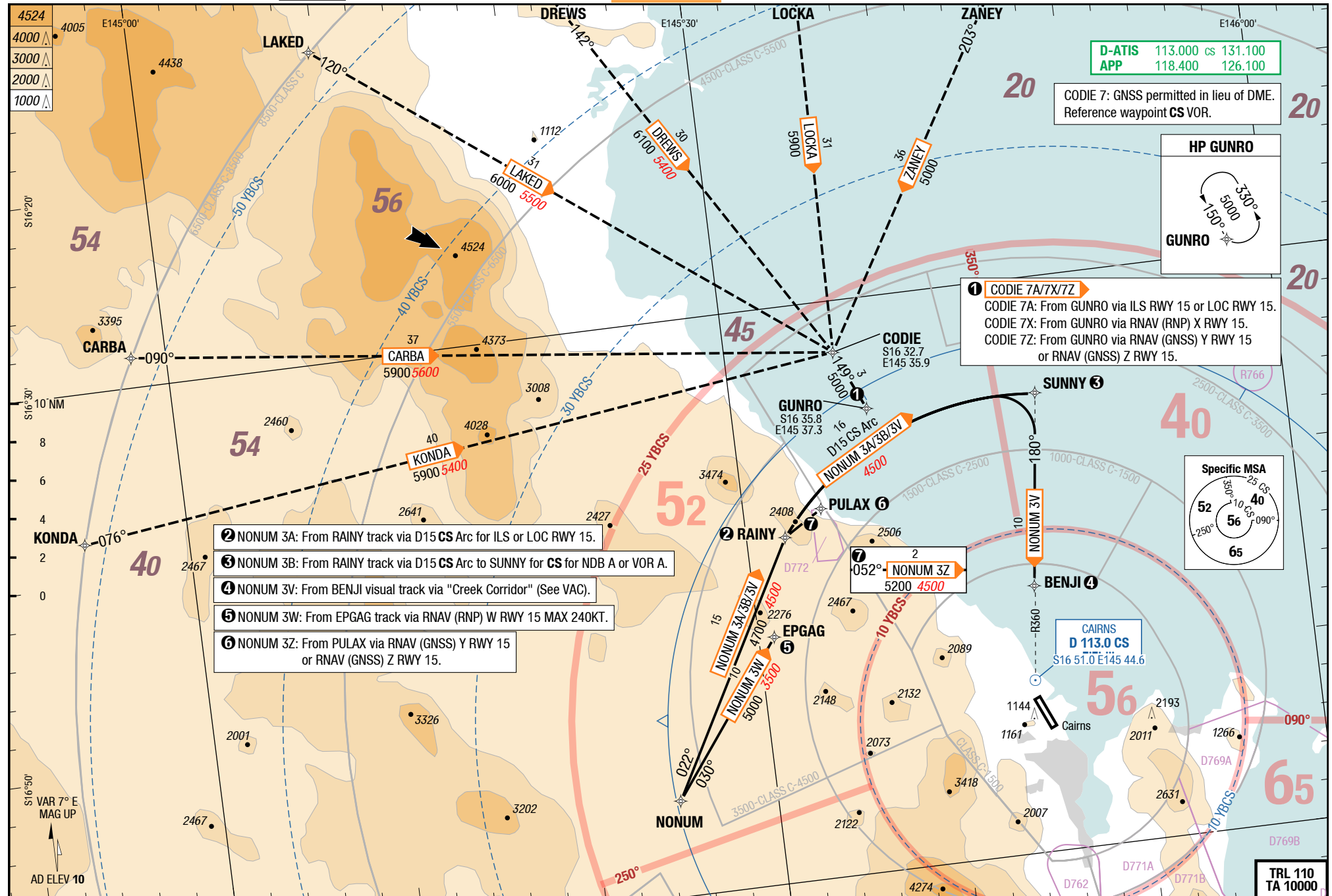
STAR

STAR

Cairns Intl Cairns Australia

RNAV STAR HENDO 8

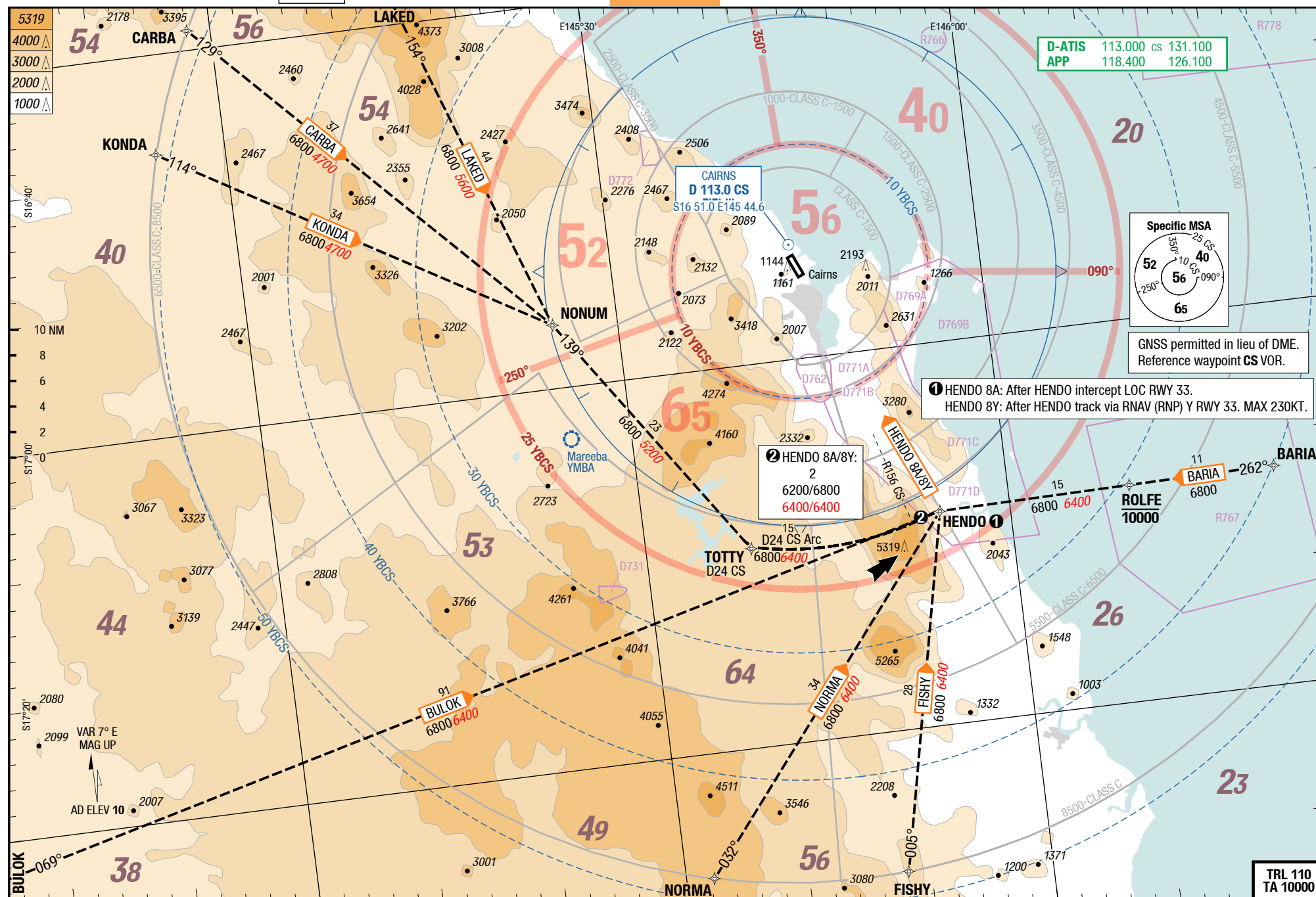
RNAV STARs CODIE 7 / NONUM 3



Changes: PROC renumbered, Editorial

6-20

## RNAV STAR HENDO 8



## CNS-YBCS

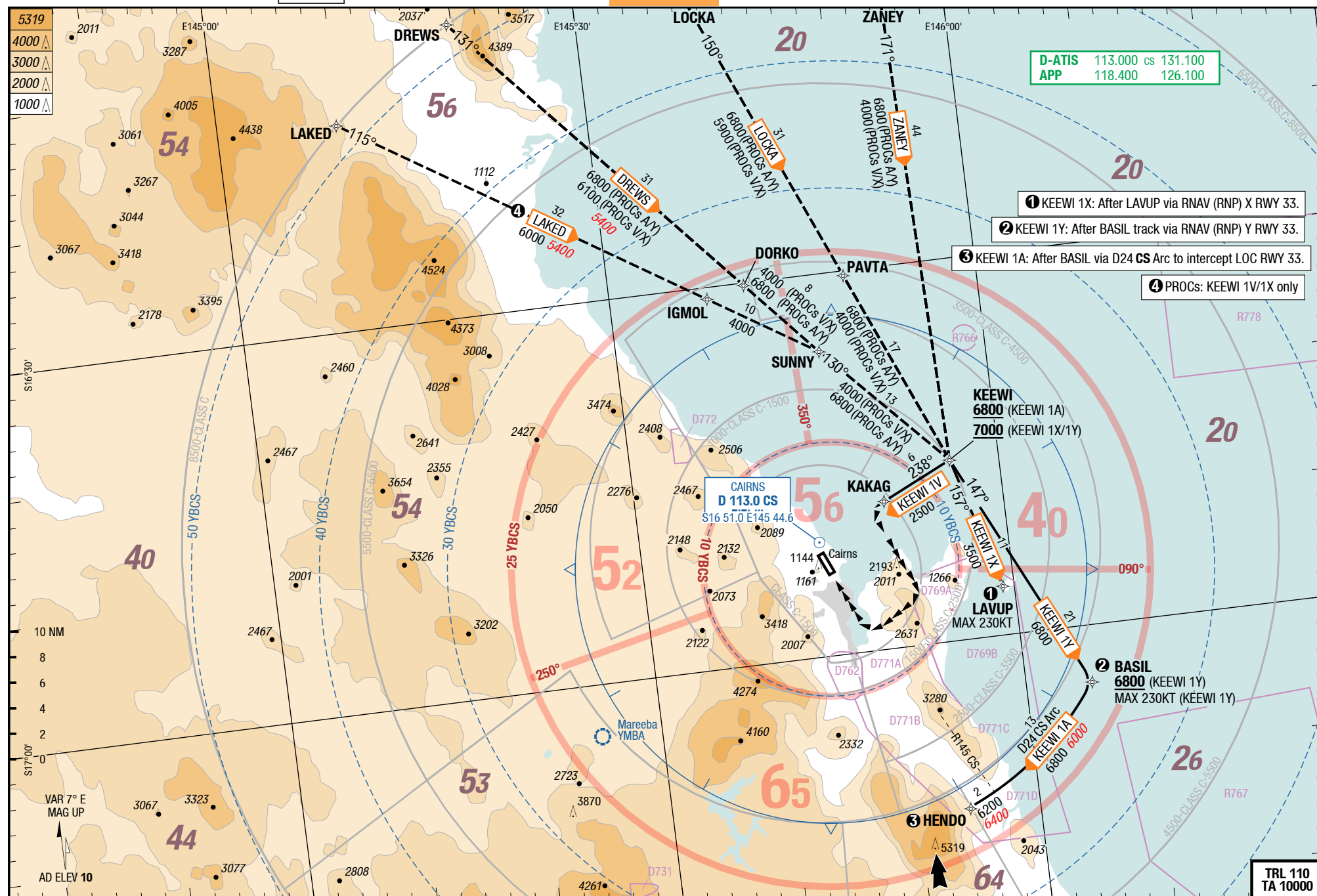
## RNAV STAR KEEWI 1

# STAR

# STAR

## RNAV STAR KEEWI 1

**6-30**



Changes: Completely revised

TRL 110  
TA 10000

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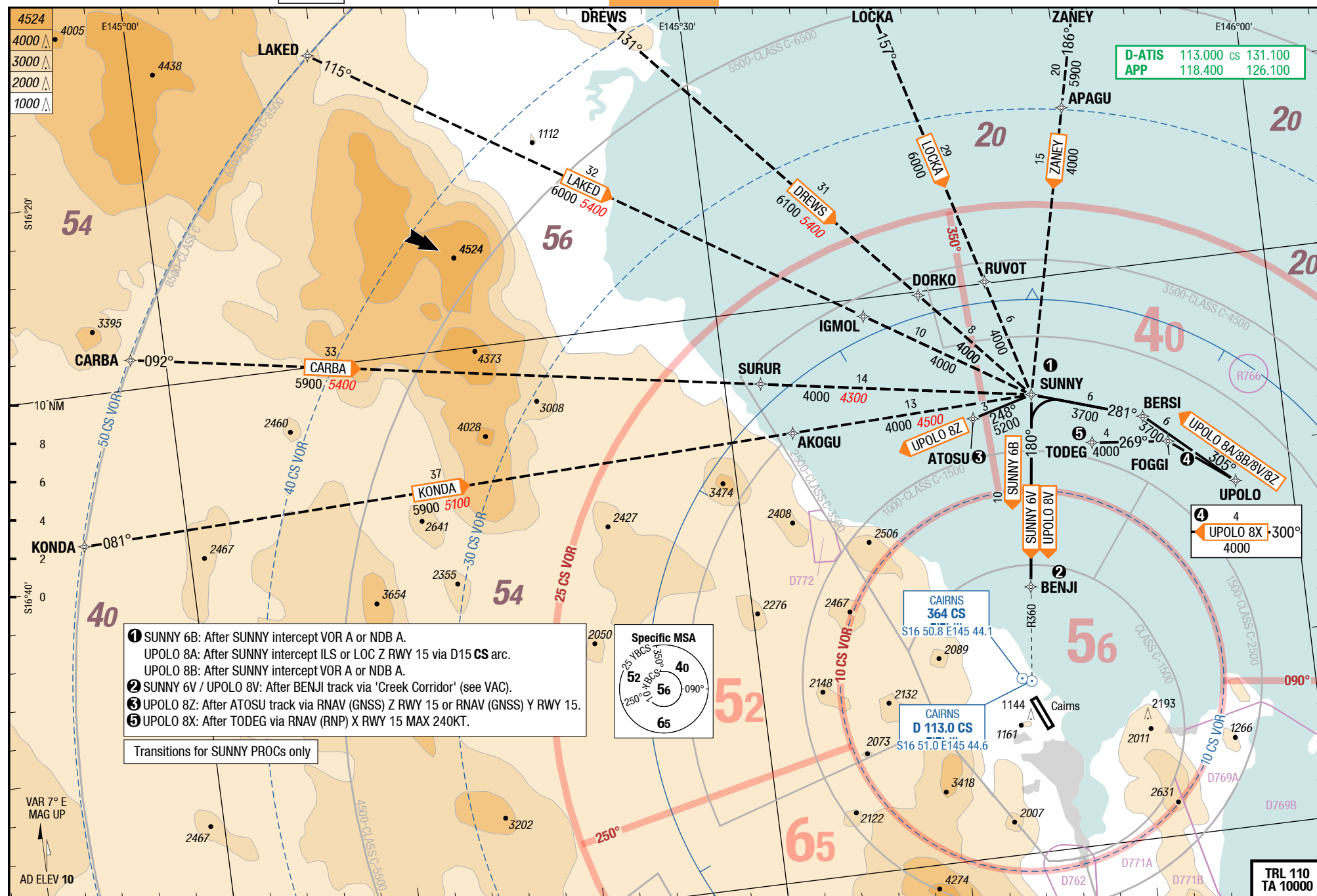


## CNS-YBCS

6-40 RNAV STARs SUNNY 6 / UPOLO 8

# STAR

# STAR

**RNAV STARs SUNNY 6 / UPOLO 8**

Changes: PROC, PROC renumbered

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15-JUN-2017

## CNS-YBCS

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## RNAV STAR TOTTY 4W

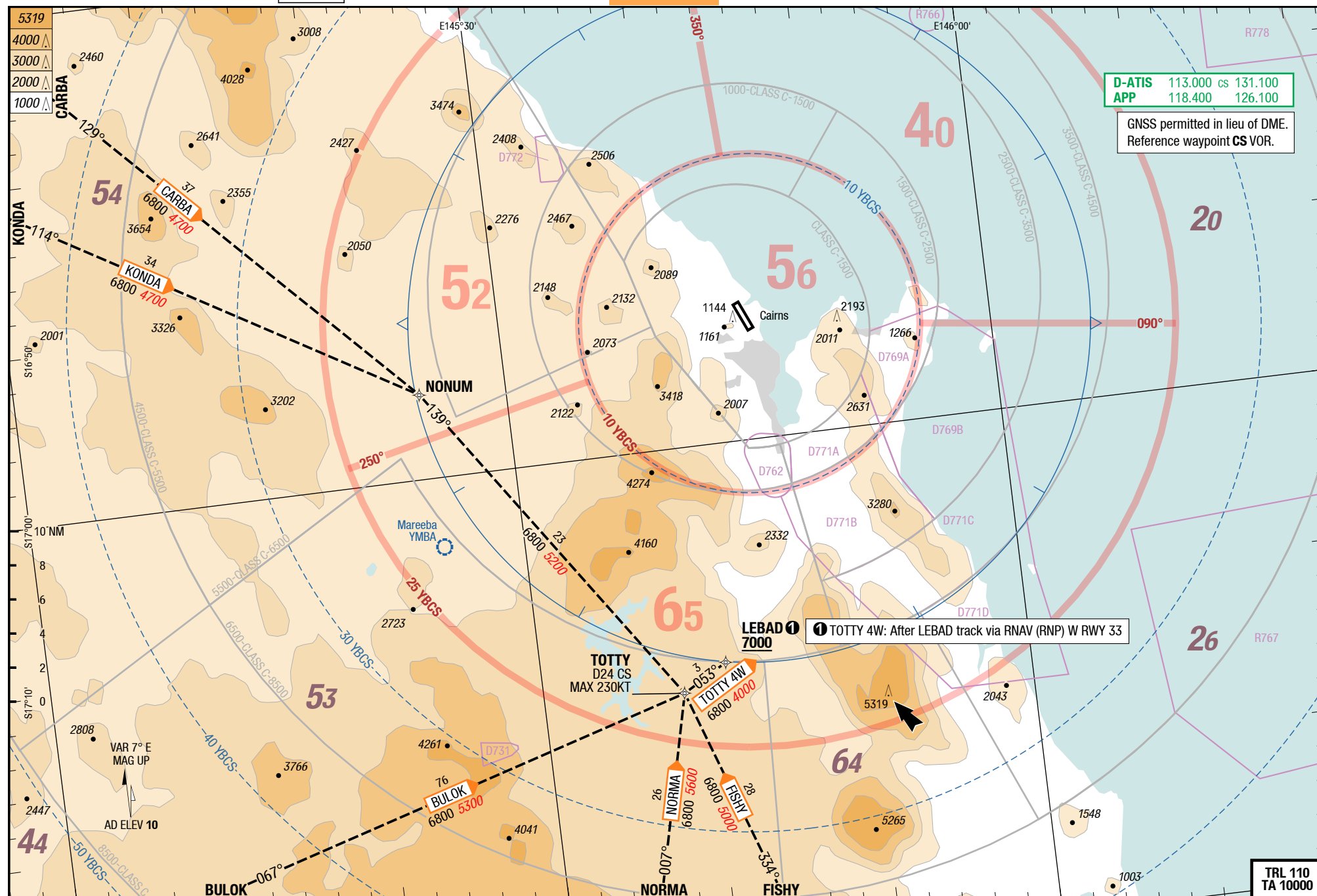
# STAR

# STAR

Cairns Intl **Cairns** Australia

**NIL**

## RNAV STAR TOTTY 4W



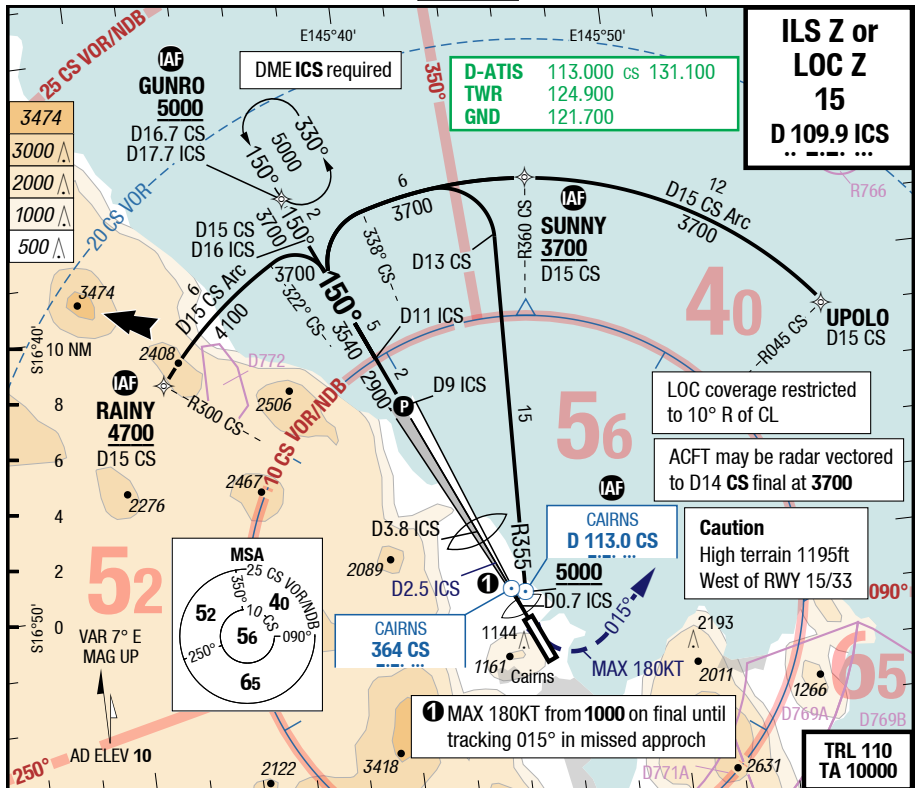
Changes: MSA, PROC, OBST

TRL 110  
TA 10000

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# CNS-YBCS

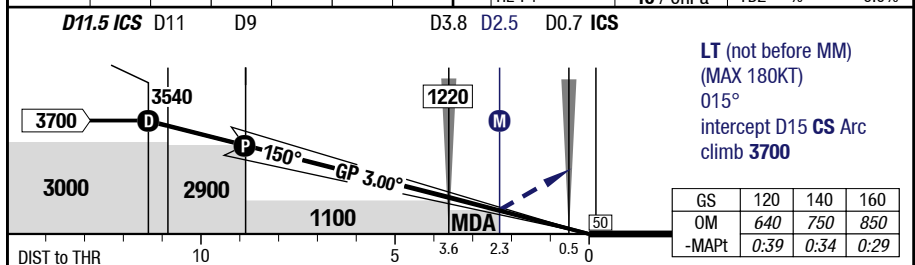
**7-10**

**ILS Z or LOC Z 15**

LOC 3.02° D ICS

11.5	10	8	6	5	3
3700	3210	2570	1930	1610	970

15 HL-P1 3156 G 45 3.0° 60 HL 3.0° TDZ ---% 0.0%

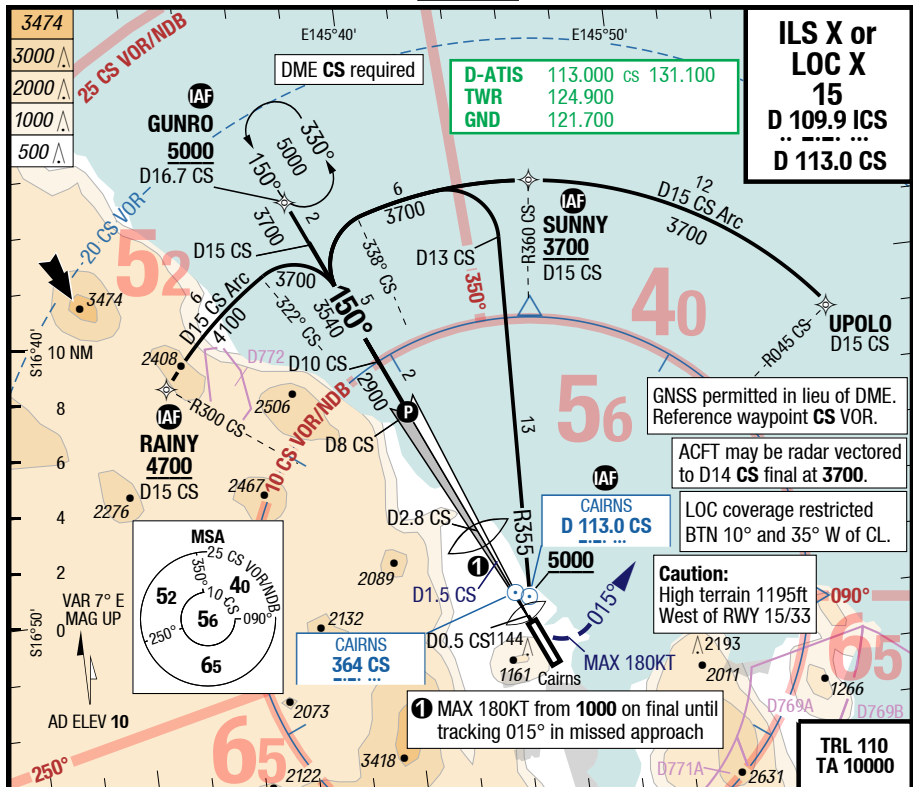


15		Cat 1 GA 4.0%	Cat 1 GA 2.5%	LOC DME	LOC DME APL U/S		Circling 1)
C	ft - m/km ft	380 - 1.3V 390	460 - 1.7V 470	780 - 3.5V 790	780 - 4.4V 790		780 - 4.0V 790
D	ft - m/km ft	380 - 1.3V 390	460 - 1.7V 470	780 - 3.5V 790	780 - 4.4V 790		1220 - 5.0V 1230

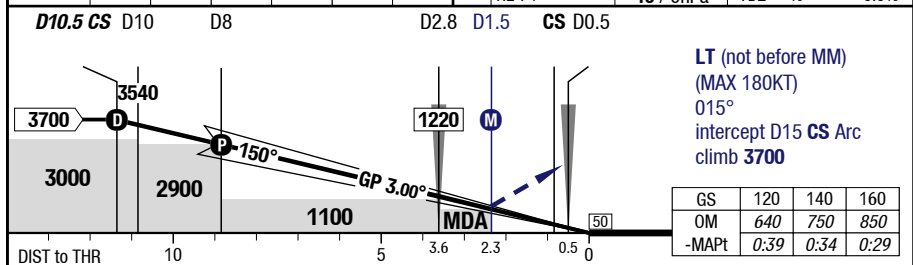
1) E and up to D4.4 S of AD only

7-20

ILS X or LOC X 15



LOC 3.02°	10.5	9	7	5	3	2	15	3.0°	60 HL
D CS	3700	3220	2580	1930	1290	960	HL-P1	10 / OhPa	TDZ ---% 0.0%



15	Cat 1 GA 4.0% 1)	Cat 1 GA 2.5% 2)	LOC DME CS	LOC DME CS APL U/S	Circling 3)
C	ft - m/km ft	380 - 1.3V 390	460 - 1.7V 470	780 - 3.5V 790	780 - 4.0V 790
D	ft - m/km ft	380 - 1.3V 390	460 - 1.7V 470	780 - 3.5V 790	780 - 4.4V 790

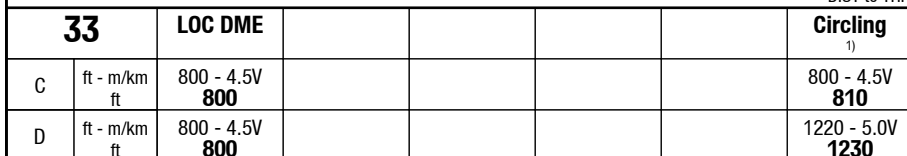
1) With EVS VIS 900m

2) With EVS VIS 1.1km

3) E and up to D4.4 S of AD only

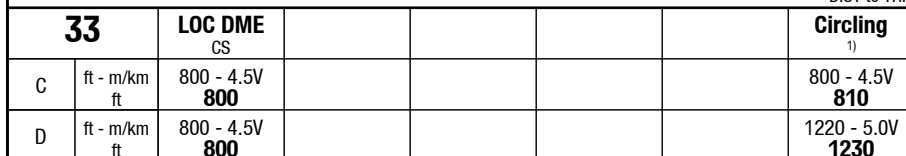
Changes: WPT GUNRO, MSA, IAF, Editorial

**LOC Z 33**



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## LOC X 33

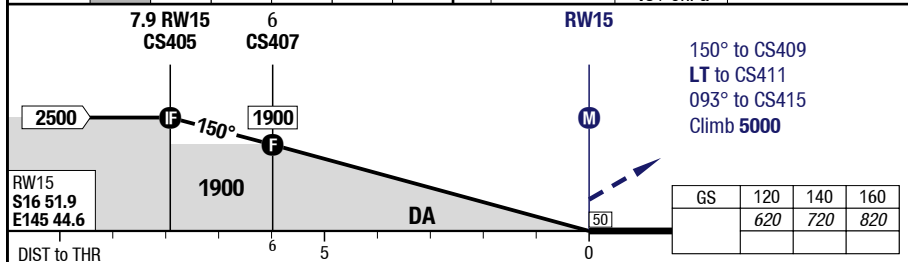
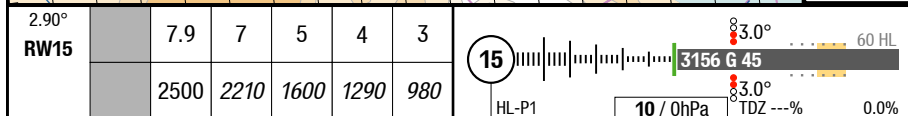
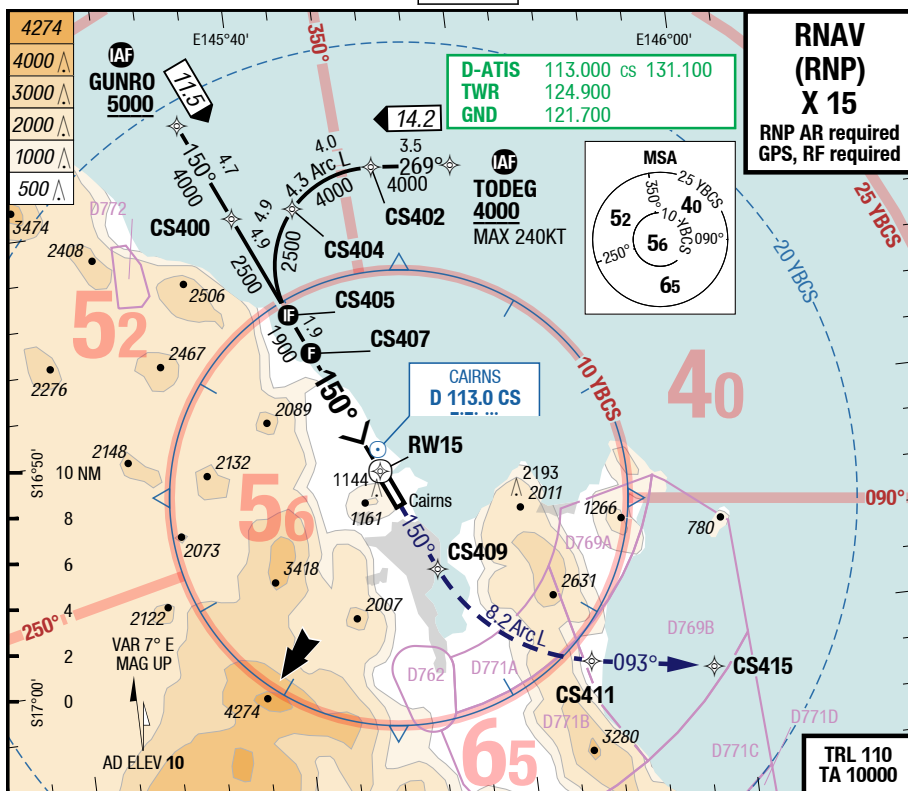


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CNS-YBCS

7-50

RNAV (RNP) X 15

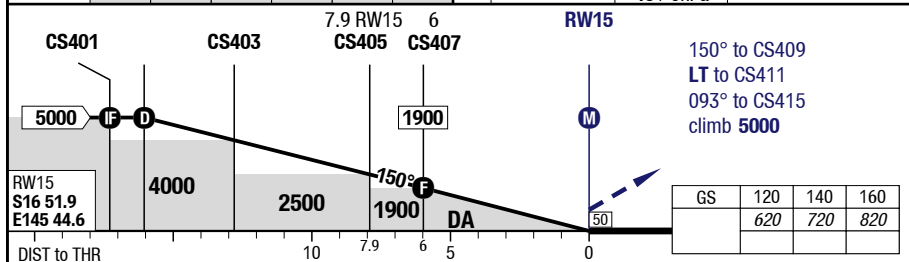
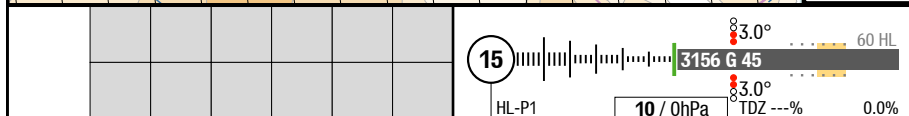
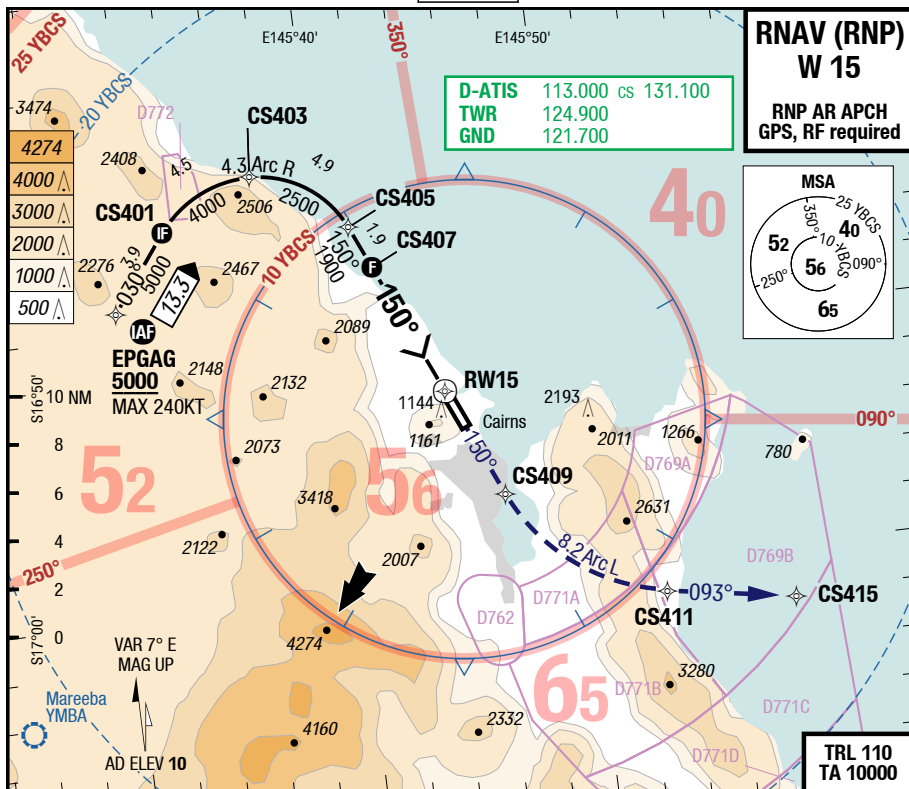


15		RNAV RNP 0.30 VNAV GA 5.0% 1) 2) 3) 4)	RNAV RNP 0.30 VNAV GA 2.5% 1) 2) 4)	Circling	
C	ft - m/km ft	670 - 3.9V 680	1050 - 5.0V 1060		Not authorized
D	ft - m/km ft	690 - 4.1V 700	830 - 4.9V 840		Not authorized

1) Uncompensated BARO VNAV NA below 5°C (41°F) or above 59°C (138°F) 2) For CASA approved operators only 3) Up to 1400ft 4) Use with Cairns (YBCS) QNH only

Changes: MIN





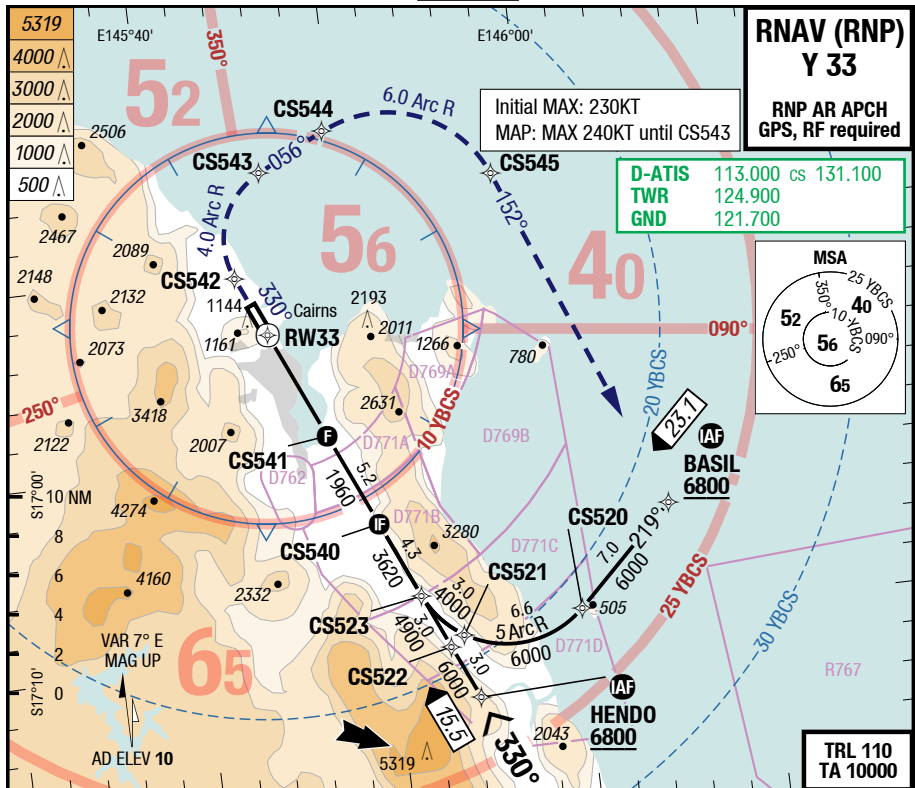
15		RNAV RNP 0.30 VNAV GA 5.0% 1) 2) 3) 4)	RNAV RNP 0.30 VNAV GA 2.5% 1) 2) 4)	Circling	
C	ft - m/km ft	670 - 3.9V <b>680</b>	1050 - 5.0V <b>1060</b>		Not authorized
D	ft - m/km ft	690 - 4.1V <b>700</b>	830 - 4.9V <b>840</b>		Not authorized

1) Uncompensated BARO VNAV NA below 5°C (41°F) or above 59°C (138°F) 2) For CASA approved operators only 3) Up to 1400ft 4) Use with Cairns (YBCS) QNH only

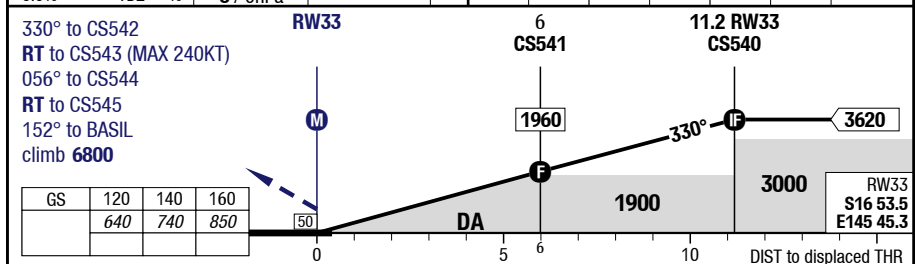
## CNS-YBCS

7-70

## RNAV (RNP) Y 33



60 HL	3.0°	45 G 3156	33	4	5	7	8	10	11.2	3.00°
0.0%	TDZ	8 / OhPa		1340	1650	2290	2610	3250	3500	RW33



<b>33</b>	<b>RNAV RNP 0.30 VNAV GA 5.0% 1) 2) 3)</b>	<b>RNAV RNP 0.30 VNAV GA 2.5% 1) 2) 3)</b>				<b>Circling</b>
<b>C</b>	ft - m/km ft	710 - 4.1V <b>710</b>	1060 - 5.0V <b>1060</b>			Not authorized
<b>D</b>	ft - m/km ft	740 - 4.3V <b>740</b>	830 - 4.8V <b>830</b>			Not authorized

1) Uncompensated BARO VNAV NA below 5°C (41°F) or above 59°C (138°F) 2) For CASA approved operators only 3) Use with Cairns (YBCS) QNH only

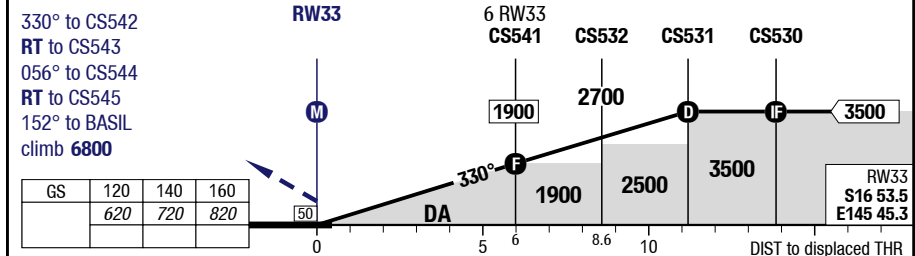
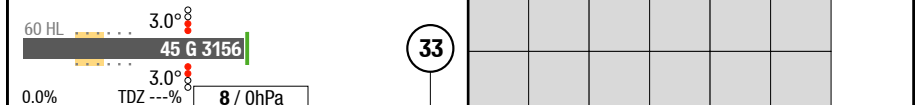
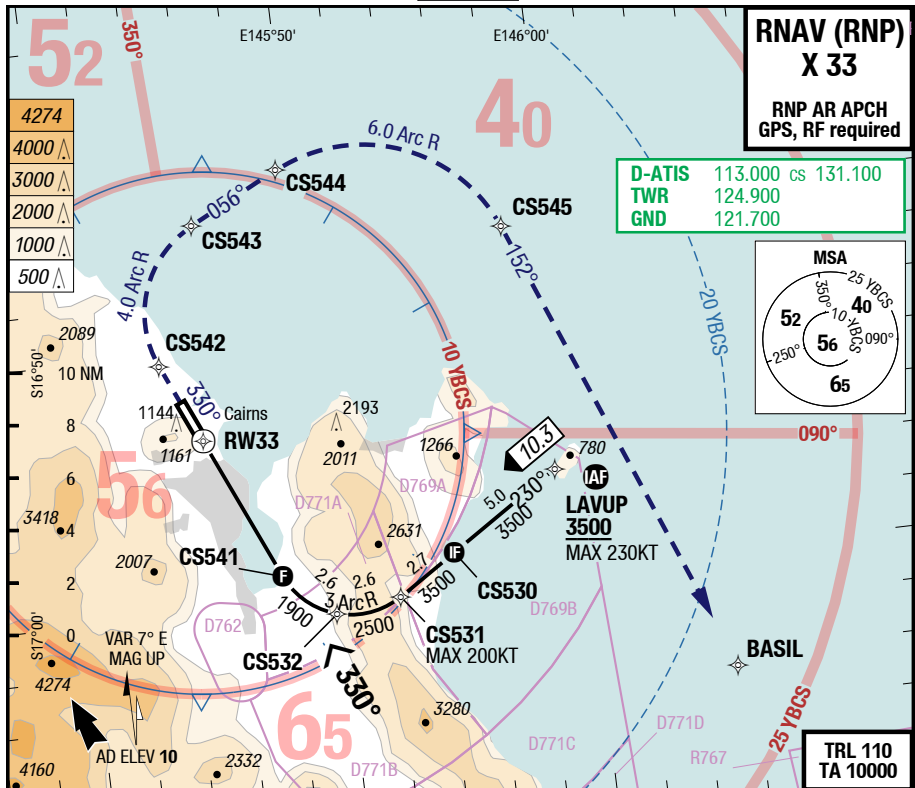
Changes: MIN, PROC



## CNS-YBCS

7-80

## RNAV (RNP) X 33



33		RNAV RNP 0.30 VNAV GA 5.0% 1) 2) 3)	RNAV RNP 0.30 VNAV GA 2.5% 1) 2) 3)	Circling	
C	ft - m/km ft	710 - 4.1V 710	1060 - 5.0V 1060		Not authorized
D	ft - m/km ft	740 - 4.3V 740	830 - 4.8V 830		Not authorized

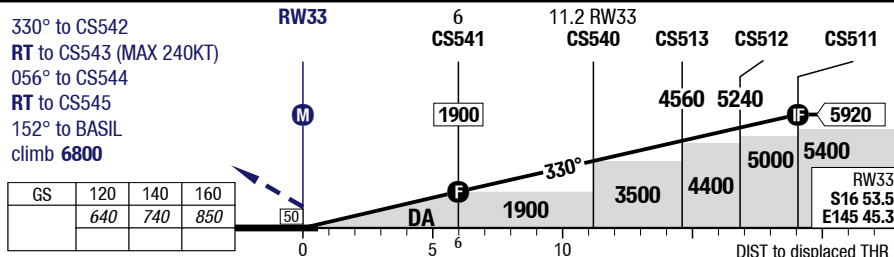
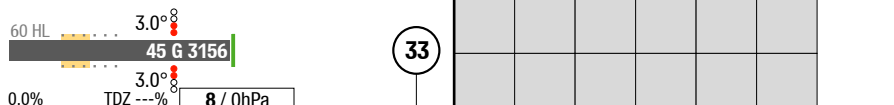
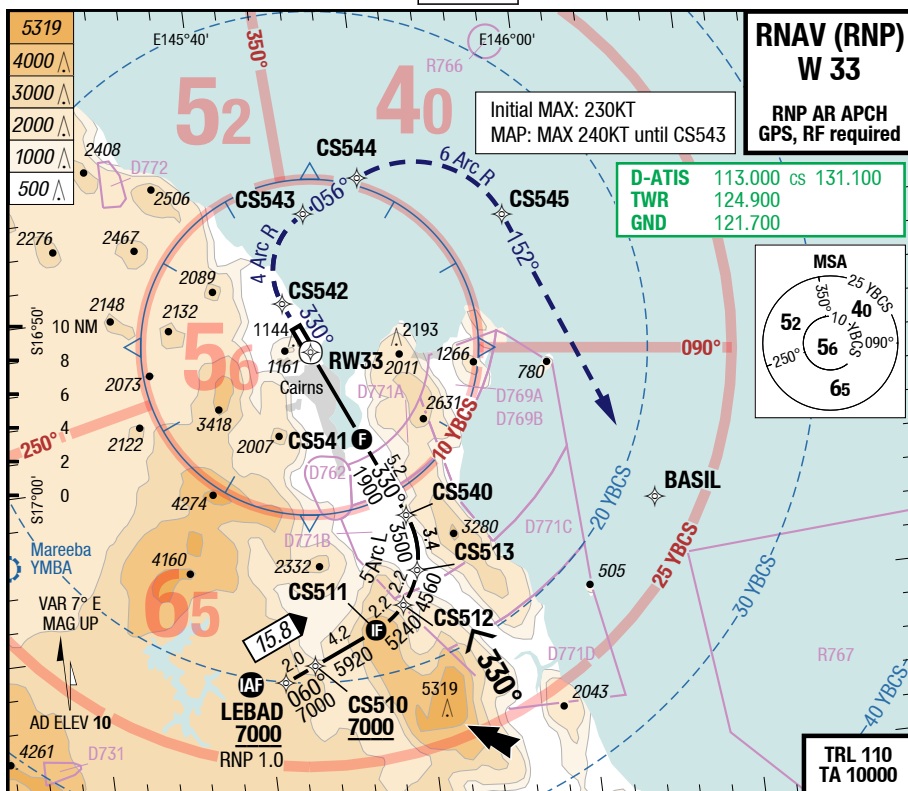
1) Uncompensated BARO VNAV NA below 5°C (41°F) or above 59°C (138°F) 2) For CASA approved operators only 3) Use with Cairns (YBCS) QNH only

Changes: MIN

## CNS-YBCS

7-90

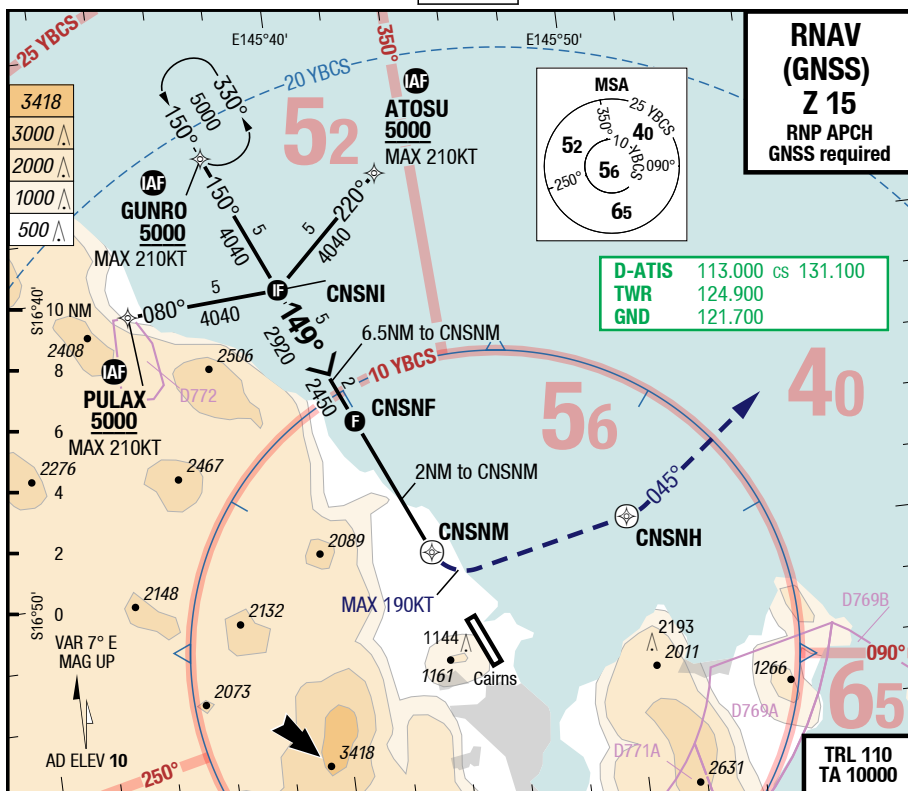
## RNAV (RNP) W 33



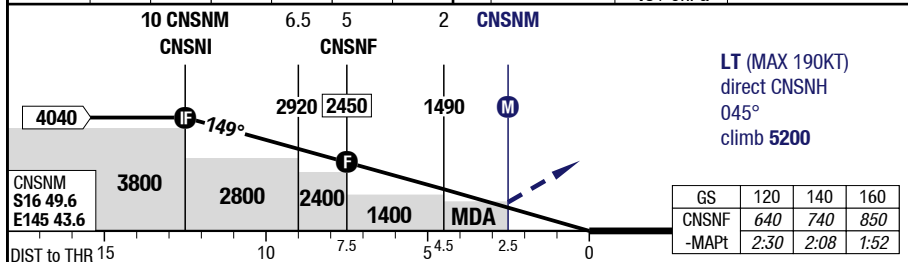
33		RNAV RNP 0.30 VNAV GA 5.0% 1) 2) 3)	RNAV RNP 0.30 VNAV GA 2.5% 1) 2) 3)	Circling	
C	ft - m/km ft	710 - 4.1V 710	1060 - 5.0V 1060		Not authorized
D	ft - m/km ft	740 - 4.3V 740	830 - 4.8V 830		Not authorized

1) Uncompensated BARO VNAV NA below 5°C (41°F) or above 59°C (138°F) 2) For CASA approved operators only 3) Use with Cairns (YBCS) QNH only

Changes: MIN, Speed RESTR, Profile



3.00° <b>CNSNM</b> 149° RWY 150°	10	9	8	4	3	1	
	4040	3730	3410	2140	1820	1180	



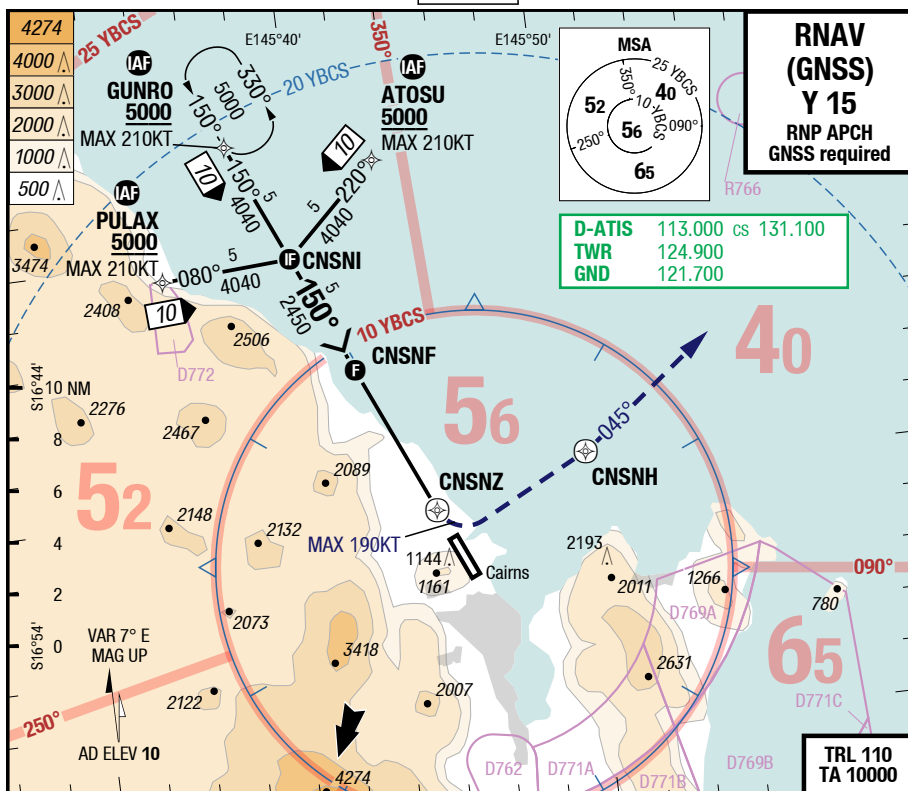
15		RNAV GNSS LNAV GA 4.0%	RNAV GNSS LNAV GA 2.5%			Circling 1)
C	ft - m/km ft	850 - 4.9V <b>860</b>	1020 - 5.0V <b>1030</b>			1020 - 5.0V <b>1030</b>
D	ft - m/km ft	850 - 4.9V <b>860</b>	1020 - 5.0V <b>1030</b>			1220 - 5.0V <b>1230</b>

1) E and up to D4.4 S of AD only

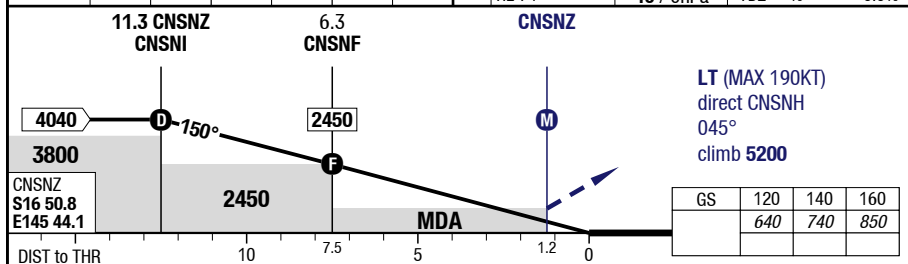
# CNS-YBCS

**7-120**

## RNAV (GNSS) Y 15



3.00° <b>CNSNZ</b>	11.3	10	8	6	4	2	<p>Pressure gauge showing 15 bar and 3156 G 45. Sensor status indicators for 3.0° and 60 HL.</p>
	4040	3640	3000	2370	1730	1090	



15		RNAV GNSS VNAV GA 4.0% 1) 2) 3)	RNAV GNSS VNAV GA 2.5% 1) 2) 3)				Circling 4)
C	ft - m/km ft	870 - 5.0V <b>880</b>	1000 - 5.0V <b>1010</b>				1020 - 5.0V <b>1030</b>
D	ft - m/km ft	870 - 5.0V <b>880</b>	1000 - 5.0V <b>1010</b>				1220 - 5.0V <b>1230</b>

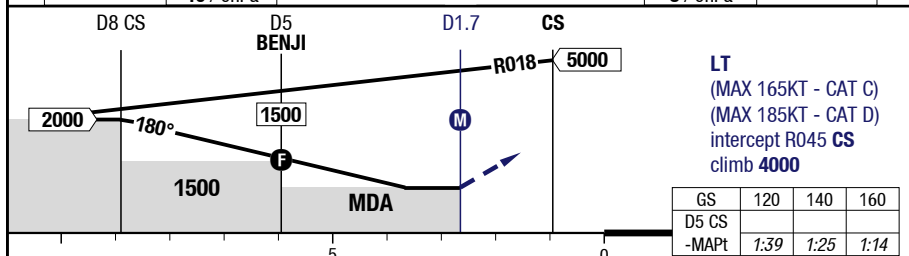
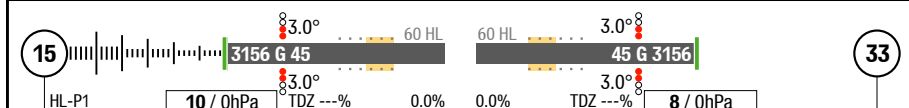
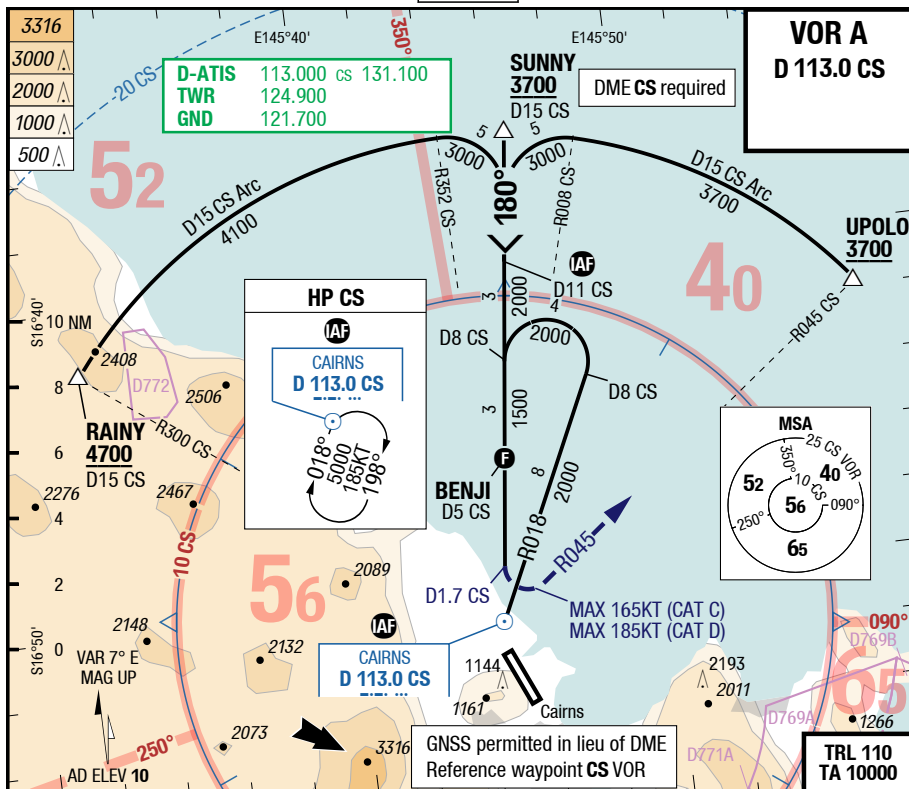
1) Uncompensated BARO VNAV NA below 5°C (41°F) or above 59°C (138°F) 2) Use with Cairns (YBCS) QNH only 3) SBAS use for VNAV not applicable or not authorized 4) E and up to D4.4 S of AD only

Changes: MIN, WPT

CNS-YBCS

7-130

VOR A



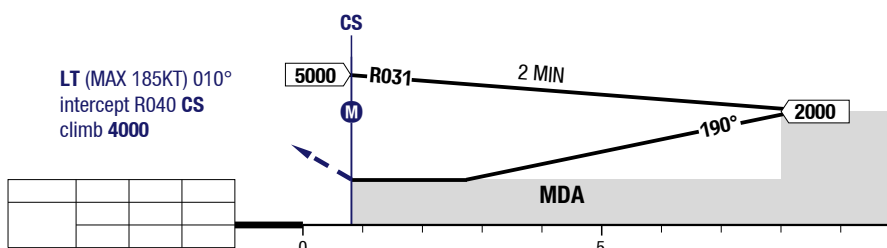
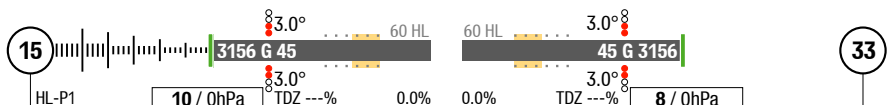
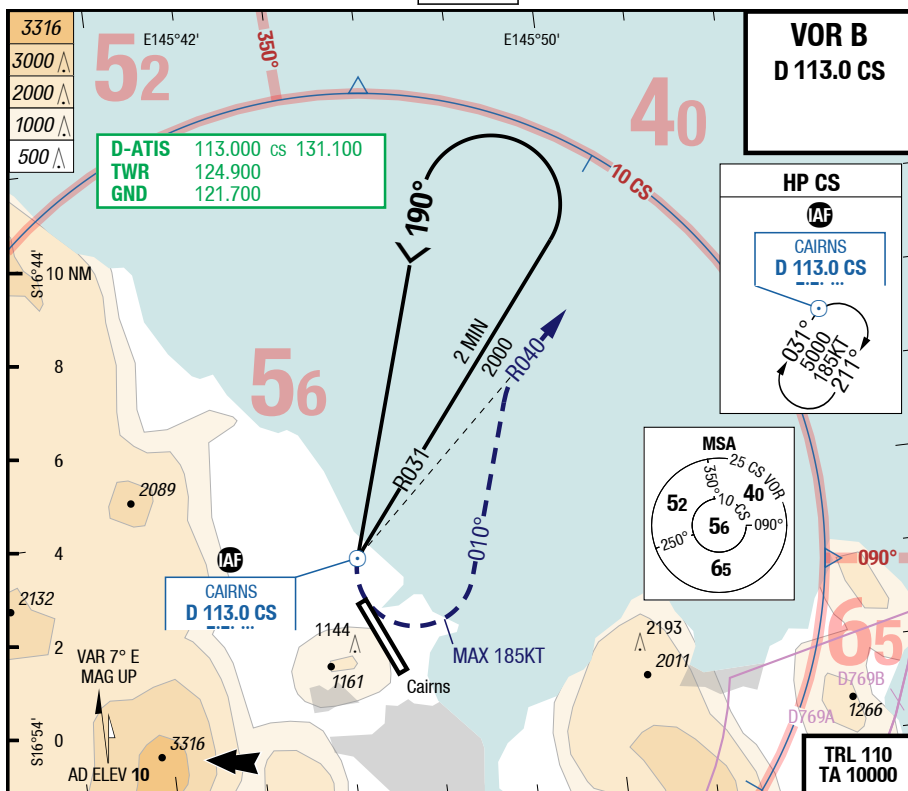
15/33		Circling <sup>1)</sup>	
C	ft - m/km ft	1000 - 4.0V	1010
D	ft - m/km ft	1220 - 5.0V	1230

1) E and up to D4.4 S of AD only

CNS-YBCS

7-140

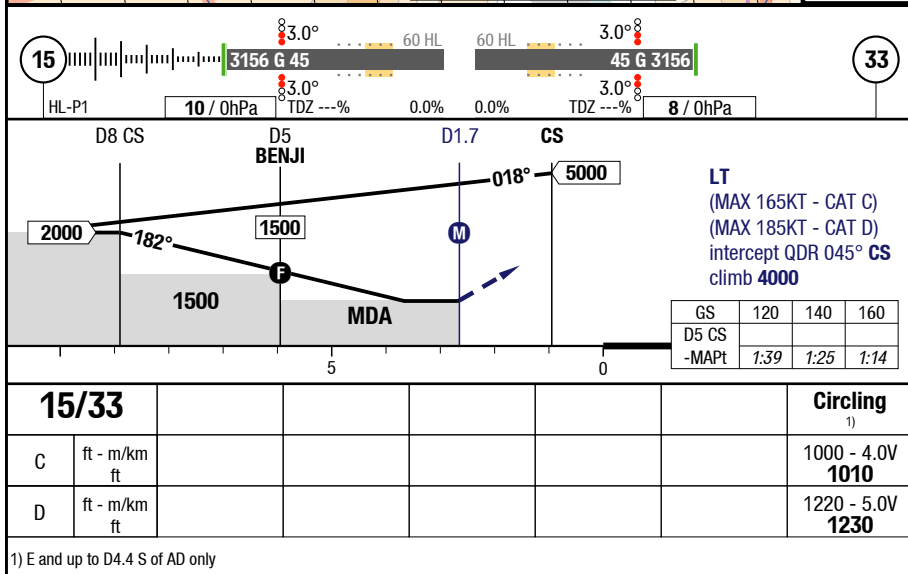
VOR B

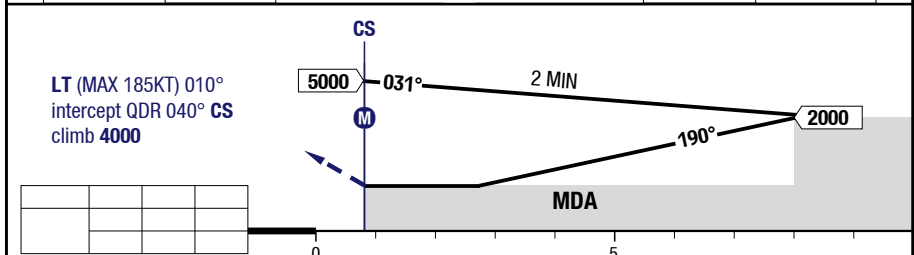
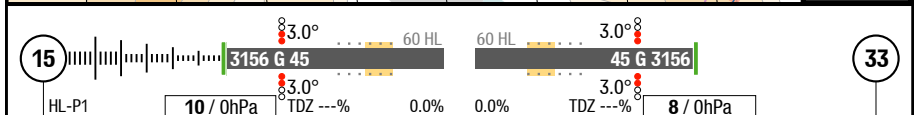
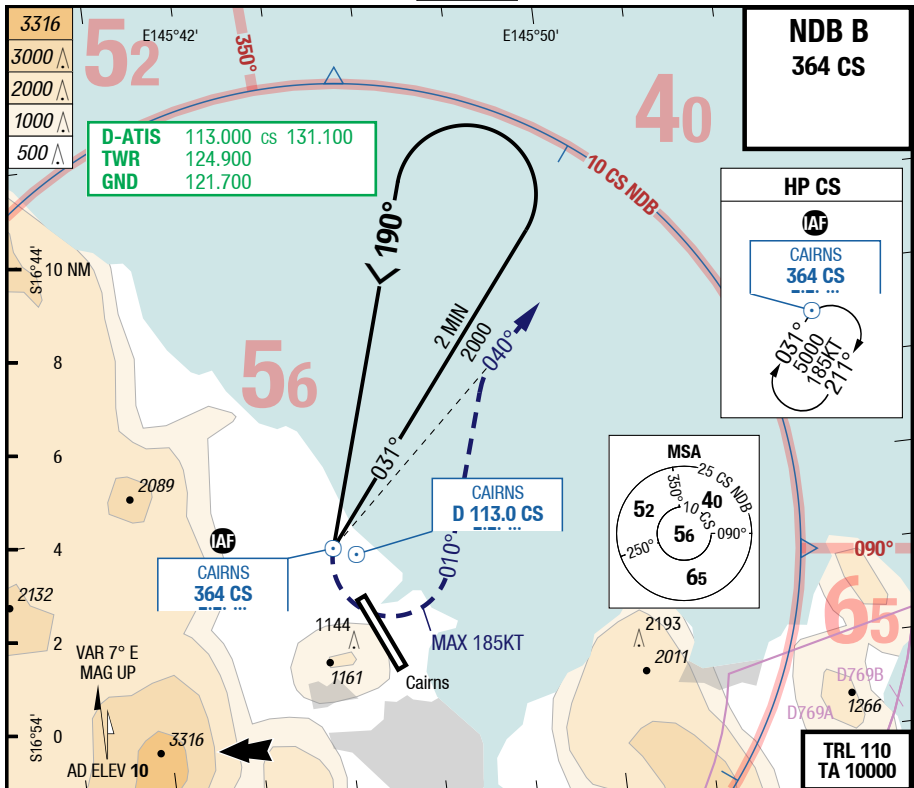


15/33							Circling <sup>1)</sup>
C	ft - m/km ft						1610 - 4.0V 1620
D	ft - m/km ft						1610 - 5.0V 1620

1) E and up to D4.4 S of AD only

## NDB A





15/33								Circling 1)
C	ft - m/km ft							1610 - 4.0V 1620
D	ft - m/km ft							1610 - 5.0V 1620

1) E and up to D4.4 S of AD only



7-170

## Visual 15 Creek Corridor

