

GENERAL**Operational Hours****ATS Hours:** H24**AD OPS Hours:** Not published**Airport Information****RFF:** CAT 7, CAT 8 AVBL 24HR PN**PCN:** O/R**Operation****Preferential RWY**

Consistent with safe operating PROC, ATC will assign RWYs to divert as many DEP and ARR as possible from flight over noise-sensitive areas.

Preferred RWY usage is:

ARR: RWY 13, 18, 36, 31

DEP: RWY 36, 31, 18, 13

RWY 36 is the preferred calm wind RWY for DEP except for:

- PROP driven ACFT; and
- W-bound ACFT may be authorized or assigned RWY 31.

Aerodrome Level of Service

RWY 18, 13, 31: 1200R/0.25V

RWY 36: 600R

Low Visibility Procedure

If RVR less than 1200ft-600ft:

Only DEP on RWY 36 or RWY 18 shall be permitted. Intersection departures prohibited.

Arrivals shall be suspended while conditions of RVR values less than 1200 are present.

Arrivals RWY 36 in accordance with applicable APCH MIN or APCH ban considerations.

During LVP, only one ACFT on the maneuvering area is allowed.

TWR does not control push-backs or taxiing on APNs, pilots are recommended to contact TWR before maneuvering on APN 1.

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

TWY Restrictions

TWY A MAX weight 73t / 160000lbs, except B757 and B767.

TWY G uncontrolled.

Parking

APN 1, some stands restricted due to adjacent ACFT.

Warnings

Random upper air balloon launches during severe TS-WX (4NM SE AD).

Parachute MON-FRI 1500-2100±, MAX ALT 3000ft ASL. Drop zone 1.5NM radius at Beaudry Provincial Park (10NM WSW AD).

High intensive light dusk-0900±, from hotel roof (0.7NM SW extended C/L RWY 31). Beams projecting upward, may create tempo effects to vision.

Balloon launches with an ascent rate of 1000ft/min between 1715-1730±, 7.5 NM southeast of AD, APRX 1.2 NM southwest of extended centerline 13/31.

YWG-CYWG

1-20

A01

ARRIVAL

Speed

MAX IAS 250KT below 10000ft.

MAX IAS 200KT below 3000ft AGL within 10NM of AD.

Communication

COM Failure: See CRAR Canada.

Arrival Procedure

VFR Traffic Pattern: RWY 13 and 18 right-hand circuit, at 2000ft ASL.**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.

LDA FOR SIMULTANEOUS RWY OPS

FROM	TO	LDA
THR RWY 13	Short of RWY 18/36	1210m / 3969ft
THR RWY 31	Short of RWY 18/36	1155m / 3789ft
THR RWY 18	Short of RWY 13/31	2219m / 7279ft
THR RWY 36	Short of RWY 13/31	847m / 2779ft

Noise Abatement Procedure

Intercept final APCH, at or outside NDB final APCH fix for RWY un use. (Circuit TFC may turn inside the FAF as required).

Intercept final APCH, at or above 2000ft AMSL.

Maintain 2000ft AMSL or above as long as practicable before commencing final descent and remain on or above ILS or PAPI glide slope.

Consistent with safety of OPS, ACFT should be flown on the APCH so as to give the best possible performance with respect to NAP (flap and gear selection, power settings).

All IFR ACFT on APCH cross FAF at 170KT or less.

Visual APCH: Intercept final APCH at or outside the final APCH FAF for LDG RWY unless otherwise authorized by ATC.

Reverse: Do not use more than idle reverse if possible between 0500-1300 \pm , except for safety reasons.**Non-standard GP intercept position on****RWY 13**

GP intercepts RWY 13 at 320m / 1049ft after landing threshold.

Remaining LDG DIST beyond GP is 2332m / 7652ft.

RWY 31

GP intercepts RWY 31 at 308m / 1011ft after landing threshold.

Remaining LDG DIST beyond GP is 2344m / 7690ft.

RWY 36

GP intercepts RWY 36 at 343m / 1126ft after landing threshold.

Remaining LDG DIST beyond GP is 3010m / 9874ft.

DEPARTURE**Take-off Minima**

RWY	13/31, 36		
All ACFT	ft - ft/SM	0 - 2600R/0.5v	-
RWY	18		
All ACFT	ft - ft/SM	0 - 0.5v	-

Communication

COM Failure: See CRAR Canada and in addition;

ARKAY

On recognition of COM failure 10min or less after TKOF and IFR WX conditions proceed as follows:

- Upon reaching last assigned ALT, proceed direct on course (see NOTE).
- Maintain last assigned ALT until 10min after TKOF;
- Climb to planned ALT.

NOTE: If COM failure occurs immediately after TKOF (before turning), maintain RWY HDG to D10 YWG before proceeding on course.

If COM failure occurs more than 10min after TKOF, comply with appropriate PROC for COM failure ENRT.

MUSIB RNAV, ULDOL RNAV, VOGIG RNAV

On recognition of COM failure 10min or less after TKOF and IFR WX conditions proceed as follows:

- Upon reaching MUSIB or ULDOL or VOGIG, proceed on course.
- Maintain last assigned ALT until 10min after TKOF, then climb to planned ALT.

NOTE: If COM failure occurs more than 10min after TKOF, comply with appropriate PROC for COM failure ENRT.

DUXUS RNAV

On recognition of COM failure 10min or less after TKOF and IFR WX conditions proceed as follows:

- Upon reaching PEPKA, proceed on course.
- Maintain last assigned ALT until 10min after TKOF, then climb to planned ALT.

NOTE: If COM failure occurs more than 10min after TKOF, comply with appropriate PROC for COM failure ENRT.

GRIZZLY, STONY

On recognition of COM failure 10min or less after TKOF and IFR WX conditions proceed as follows:

- Fly assigned HDG or track until D10 YWG and then proceed directly on course.
- Maintain last assigned ALT until 10min after TKOF.
- Climb to planned ALT.

NOTE: If COM failure occurs more than 10min after TKOF, comply with appropriate PROC for COM failure ENRT.

WINNIPEG

On recognition of COM failure 5min or less after TKOF and IFR WX conditions proceed as follows:

- Fly assigned HDG or track until D10 YWG and then proceed directly on course.
- Maintain last assigned ALT until 5min after TKOF.
- Climb to planned ALT.

NOTE: If COM failure occurs more than 5min after TKOF, comply with appropriate PROC for COM failure ENRT.

DEPARTURE**Departure Procedure****Start-up/Push-back**

Do not REQ start, push-back or taxi CLR until the reported RVR is a MNM of:

TKOF Minima MNM RVR for Start

1200 RVR 1000 RVR

600 RVR 600 RVR

Noise Abatement Procedure

Power back prohibited between 0500-1300 \pm .

RWY 13, 18, 36 ICAO Standard: Use NADP 1 or 2. If PROC 1 is chosen, inform DLV or GND.

RWY 31: Not applicable.

RWY 13: Climb to 4000ft before commencing any assigned turn.

RWY 18: RNAV: Do not commence any assigned turn until DUXUS.

Vector: Do not commence any assigned turn until D6.

RWY 36: Between 1301-0459 \pm , climb to 4000ft before commencing any assigned right turn.

Between 0500-1300 \pm , climb to 4000ft before commencing any assigned turn.

De-Icing**De-icing Operations**

De-Icing bays 1, 3, 4, 6: Each pad is capable of de-icing two ACFT with MAX wingspan 38m / 125ft simultaneously.

De-Icing bays 2, 5: One ACFT with wingspan above 38m / 125ft.

1. Notify PAD CONTROL on 122.925 and GND prior to push-back when de-icing is required.

2. Hold short of Central De-Icing Facility (CDF) and contact PAD CONTROL on 122.925.

Note: In the event that the hold light and/or inset light can not be utilized, CDF will deploy a follow-me.

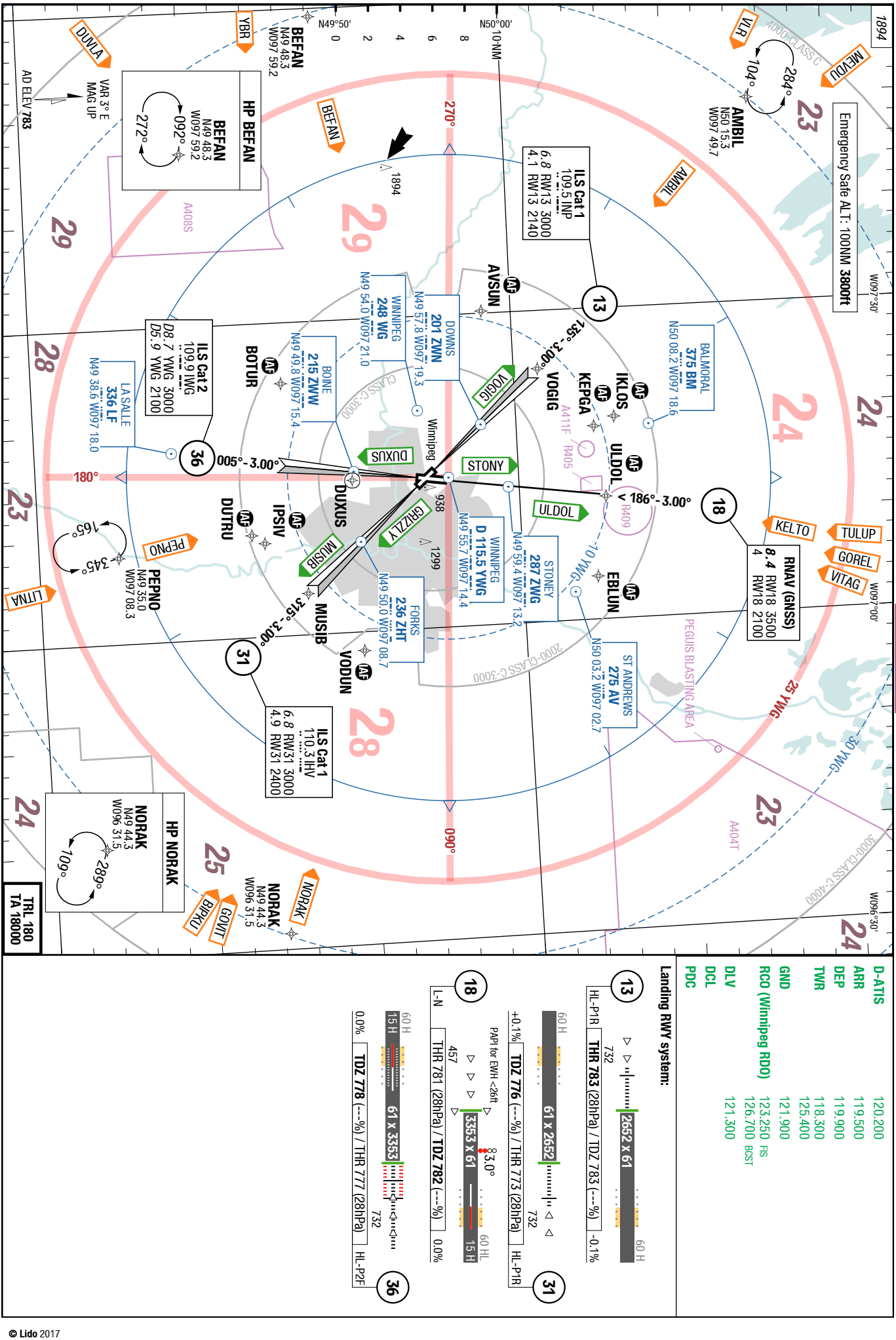
3. All De-Icing operations are performed with ENG running, unless otherwise advised by PAD CONTROL.

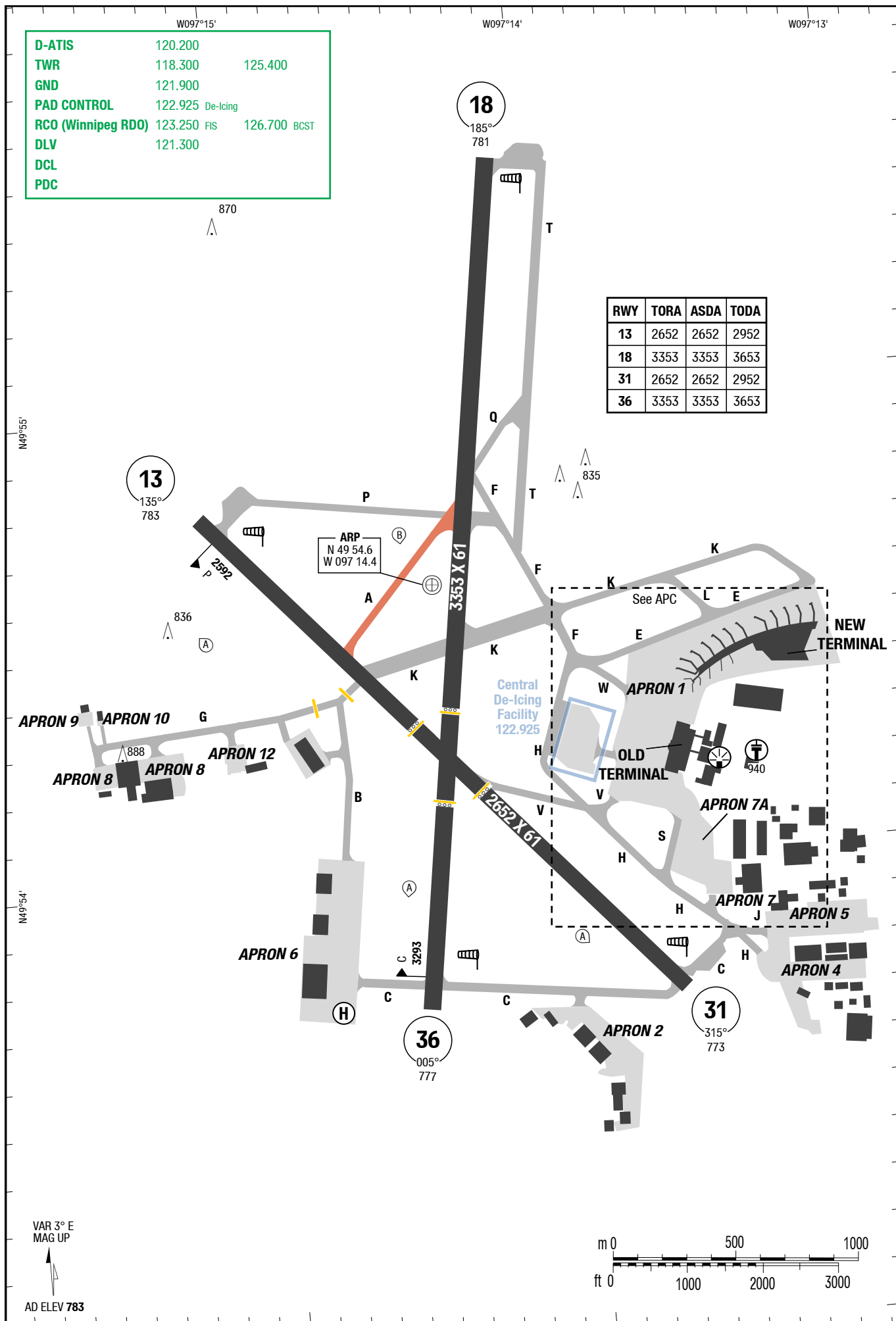
CAUTION: All operating ENG must be maintained at GND idle thrust settings.

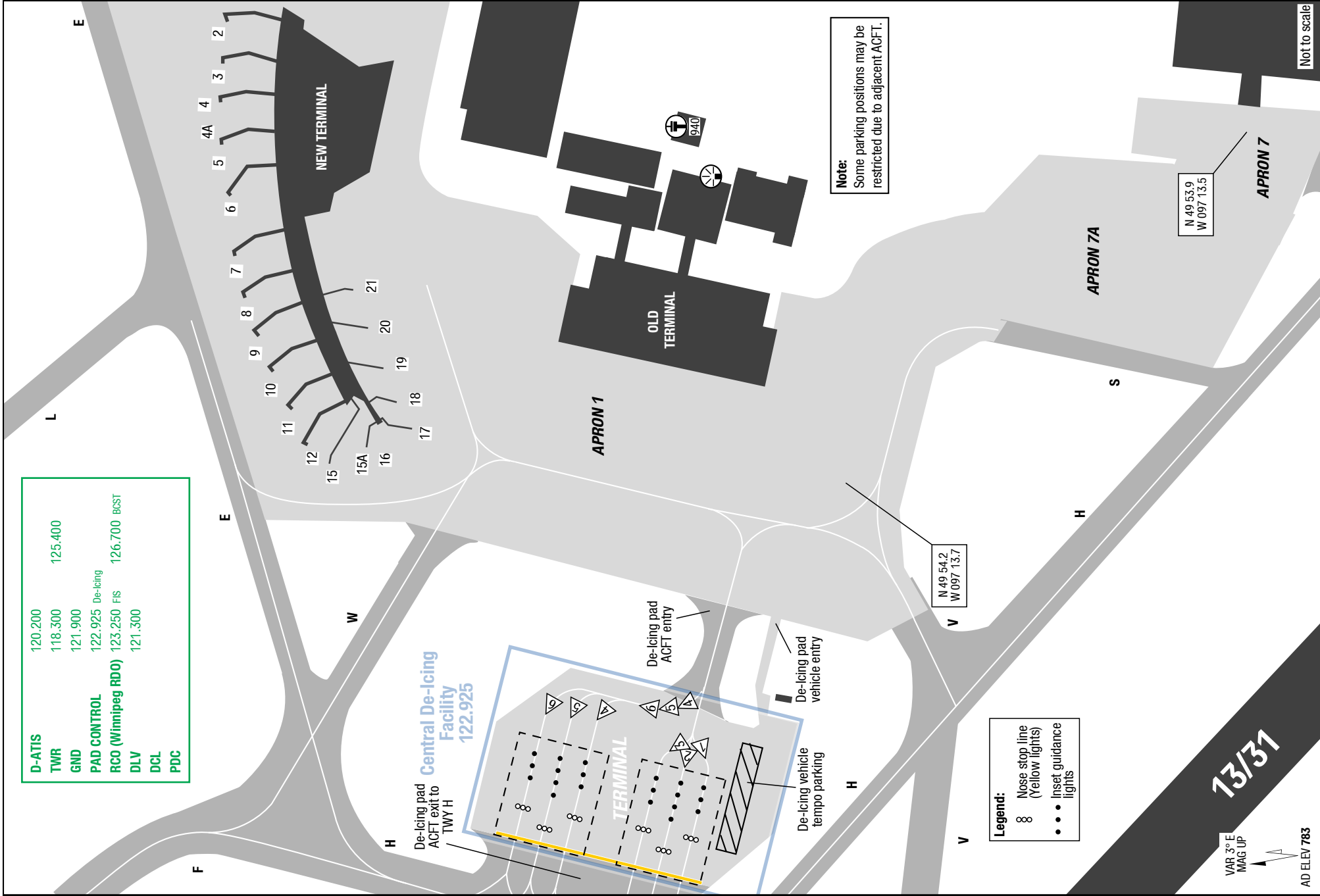
4. Once De-Icing is complete, ACFT will be instructed to contact GND for taxi CLR.

DO NOT ENTER TWY H WITHOUT ATC CLERANCE.

MNM BREAKAWAY THRUST MUST BE USED.







Effective 12-OCT-2017
05-OCT-2017

YWG-CYWG

Canada Winnipeg J A Richardson Intl

4-10

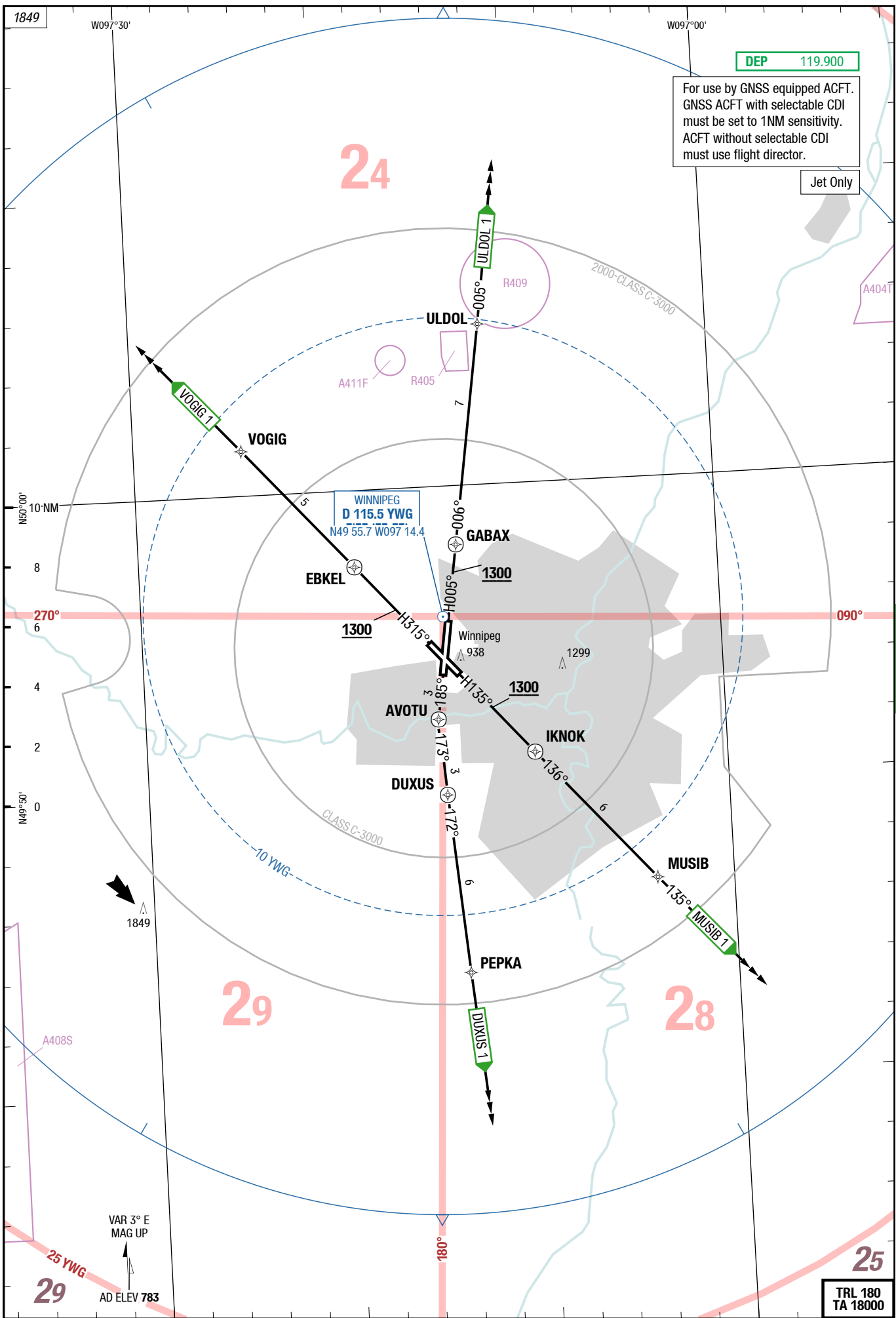
RNAV SIDS

SID

SID

J A Richardson Intl Winnipeg Canada

RNAV SIDS



Changes: new

YWG-CYWG

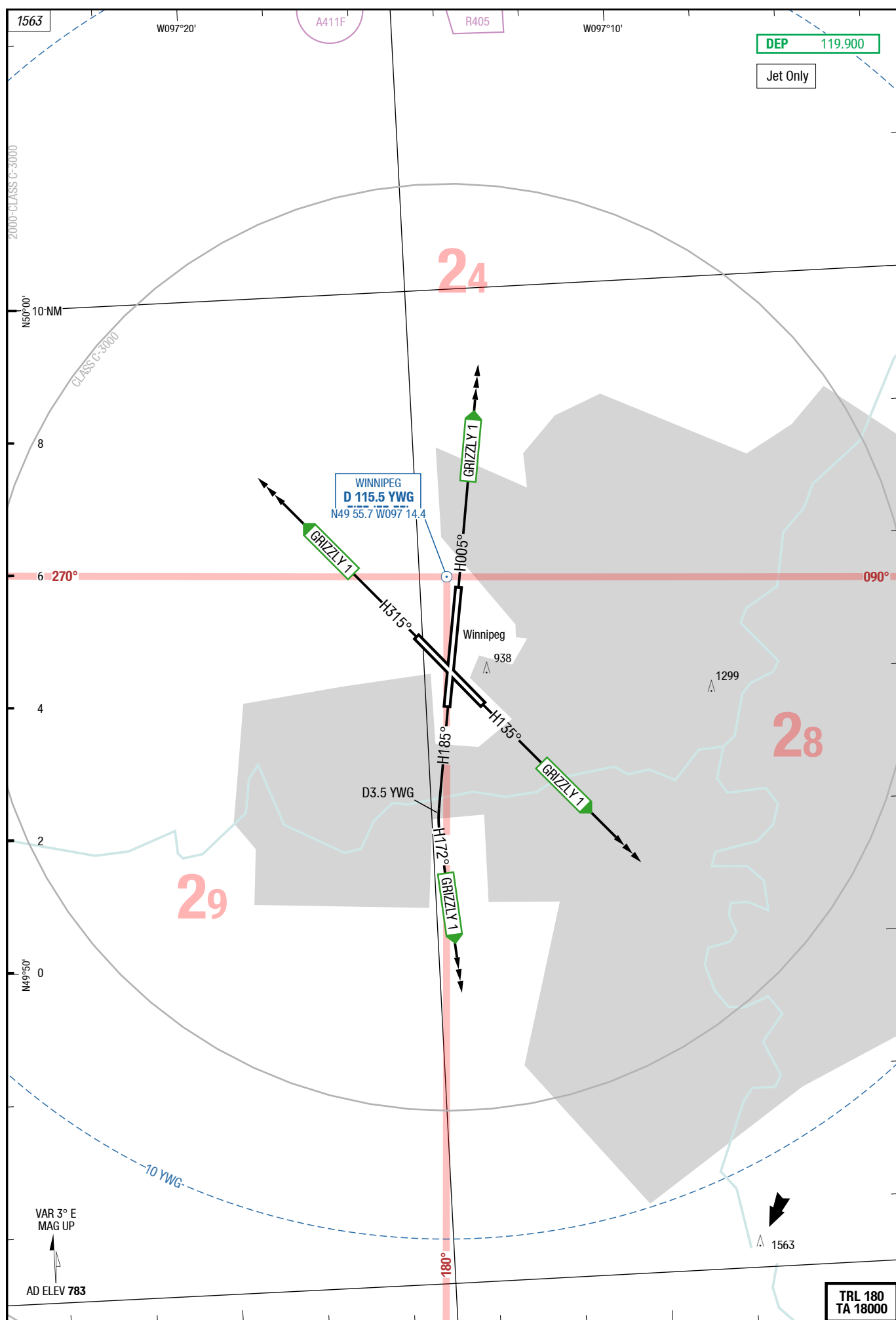
4-20

GRIZZLY 1

SID

SID

GRIZZLY 1



05-OCT-2017

YWG-CYWGCanada **Winnipeg** J A Richardson Intl

STONY 1

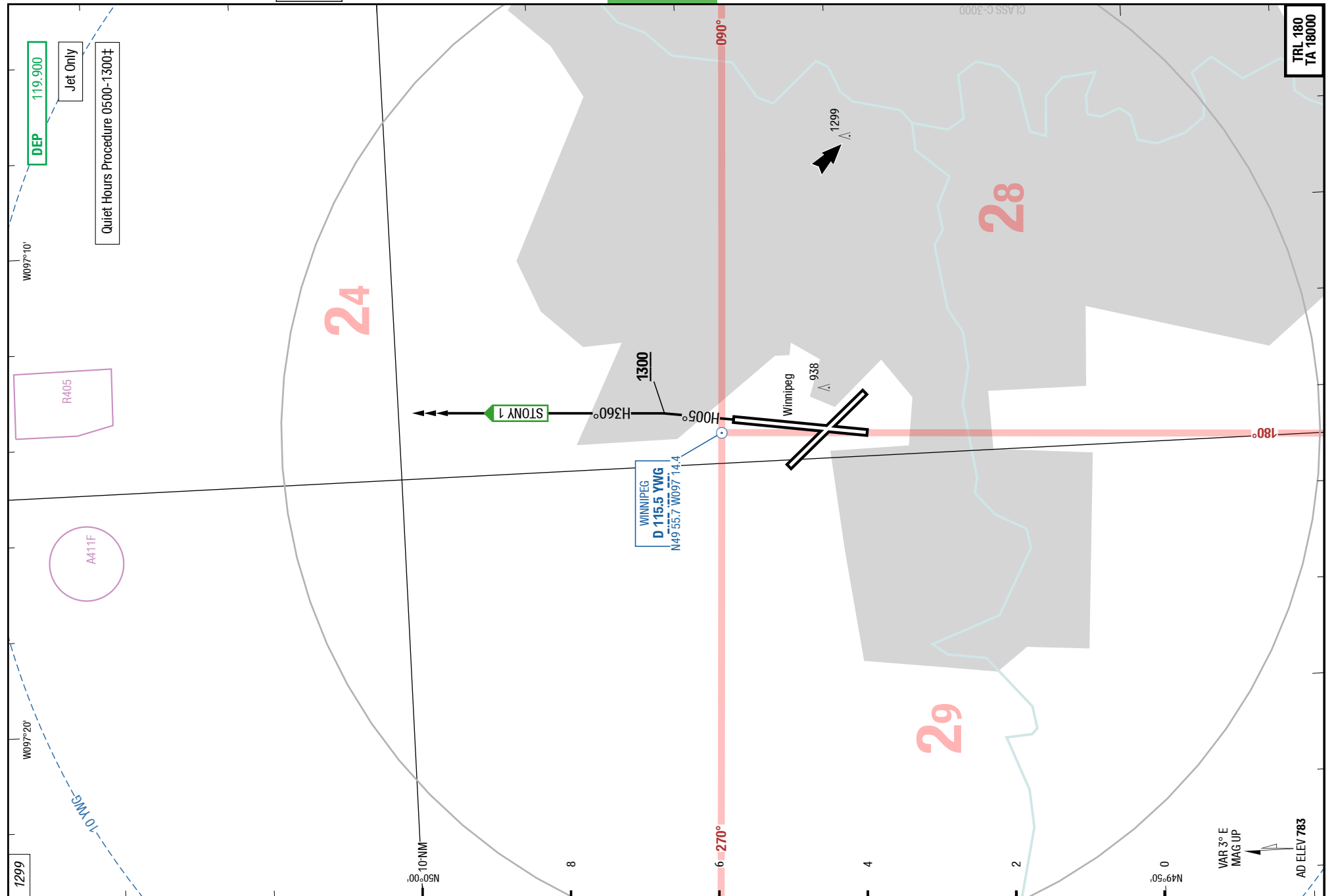
SID

SID

J A Richardson Intl **Winnipeg** Canada

NIL

STONY 1



YWG-CYWG

5-10

RNAV SIDs**DUXUS 1 / MUSIB 1 / ULDOL 1 / VOGIG 1**

RWYs 13 (135°) / 18 (185°) / 31 (315°) / 36 (005°)

	GS	120	150	180	210	240	270
5.8%	ft/MIN	800	900	1100	1300	1500	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
MUSIB 1 (Jet only) 119.900	[A1300+] - <u>IKNOK</u> - MUSIB - expect radar vectors to assigned route	initial climb 4000
	Runway 18	
DUXUS 1 (Jet only) 5.8% to 1300 119.900	<u>AVOTU</u> - <u>DUXUS</u> - PEPKA - expect radar vectors to assigned route	initial climb 4000
	Runway 31	
VOGIG 1 (Jet only) 119.900	[A1300+] - <u>EBKEL</u> - VOGIG - expect radar vectors to assigned route	initial climb 4000
	Runway 36	
ULDOL 1 (Jet only) 119.900	[A1300+] - <u>GABAX</u> - ULDOL - expect radar vectors to assigned route	initial climb 4000

YWG-CYWG

5-20

GRIZZLY 1**GRIZZLY 1**

RWYs 13 (135°) / 18 (185°) / 31 (315°) / 36 (005°)

	GS	120	150	180	210	240	270
4.5%	ft/MIN	600	700	900	1000	1100	1300

DESIGNATOR	ROUTING	ALTITUDES
GRIZZLY 1 119.900 ①		
		initial climb 4000
RWY 13	HDG 135°- expect radar vectors to assigned route	
RWY 18 4.5% to 1200	HDG 185° - at D3.5 YWG LT HDG 172°- expect radar vectors to assigned route	
RWY 31	HDG 315°- expect radar vectors to assigned route	
RWY 36	HDG 005°- expect radar vectors to assigned route	

① Jet only.

Changes: New

05-OCT-2017

YWG-CYWG

5-30

STONY 1**SIDPT****STONY 1**

RWY 36 (005°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 36	
STONY 1 (Jet only) 119.900 ①	HDG 005° - at MNM 1300 LT HDG 360° - expect radar vectors to assigned route	initial climb 4000

① Quiet Hours Procedure 0500-1300†

Changes: New

Obstacle Departure

RWY	Notes
18	Trees to 843ft ASL APRX 0.1NM past DER, 750ft left of RWY centreline. Trees to 846ft ASL APRX 0.3NM past DER, 800ft right of RWY centreline.

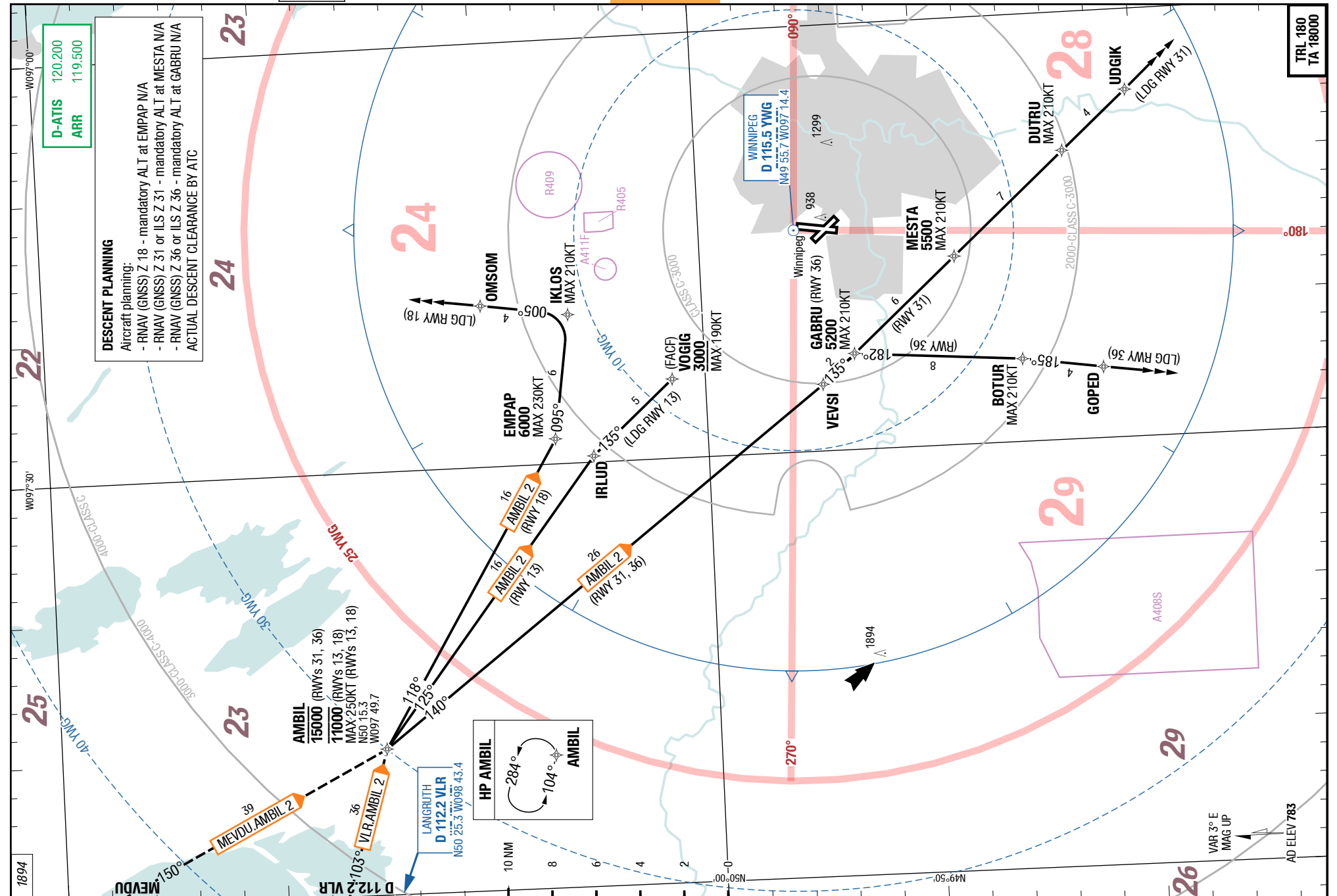
YWG-CYWG

AMBIL 2 RNAV

STAR

STAR

AMBIL 2 RNAV



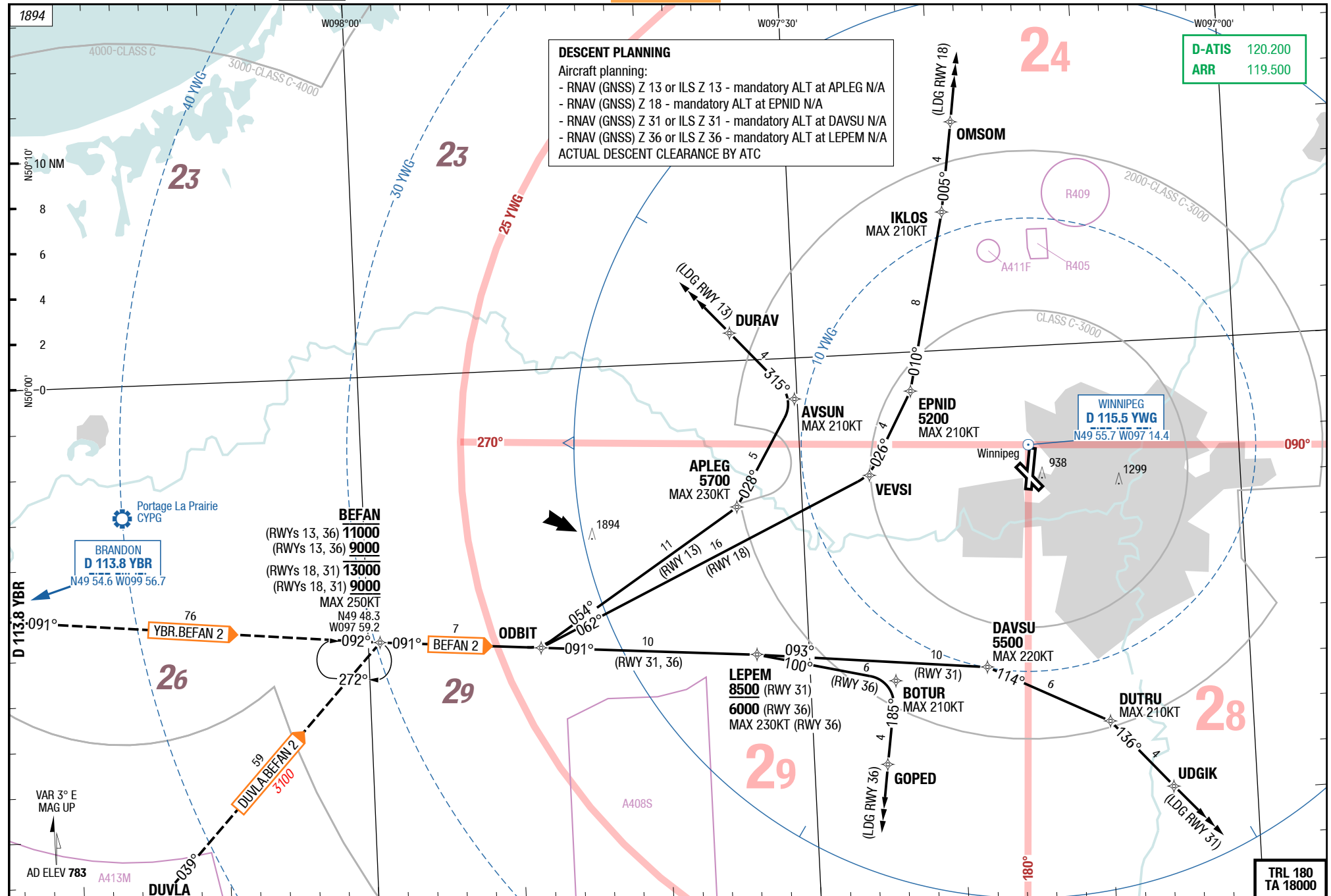
Changes: ALT, Note, PROC renumbered

© Lido 2018

6-20

BEFAN 2 RNAV

BEFAN 2 RNAV



Effective 19-JUL-2018

12-JUL-2018

YWG-CYWG

Canada **Winnipeg** J A Richardson Intl

NORAK 2 RNAV

KELTO 2 RNAV

STAR

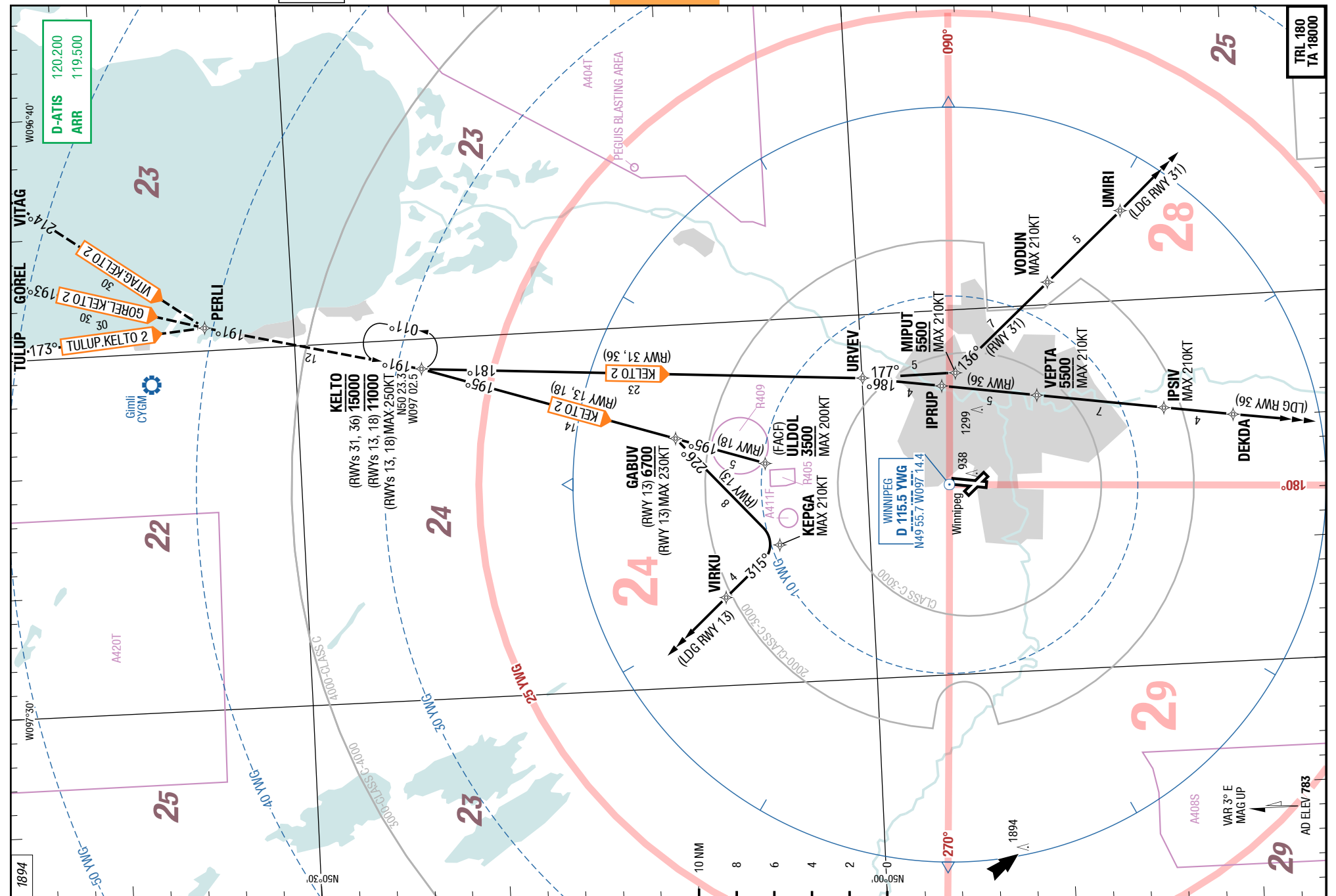
STAR

J A Richardson Intl **Winnipeg** Canada

NORAK 2 RNAV

KELTO 2 RNAV

6-30



Effective 19-JUL-2018

12-JUL-2018

YWG-CYWG

Canada **Winnipeg** J A Richardson Intl

6-40

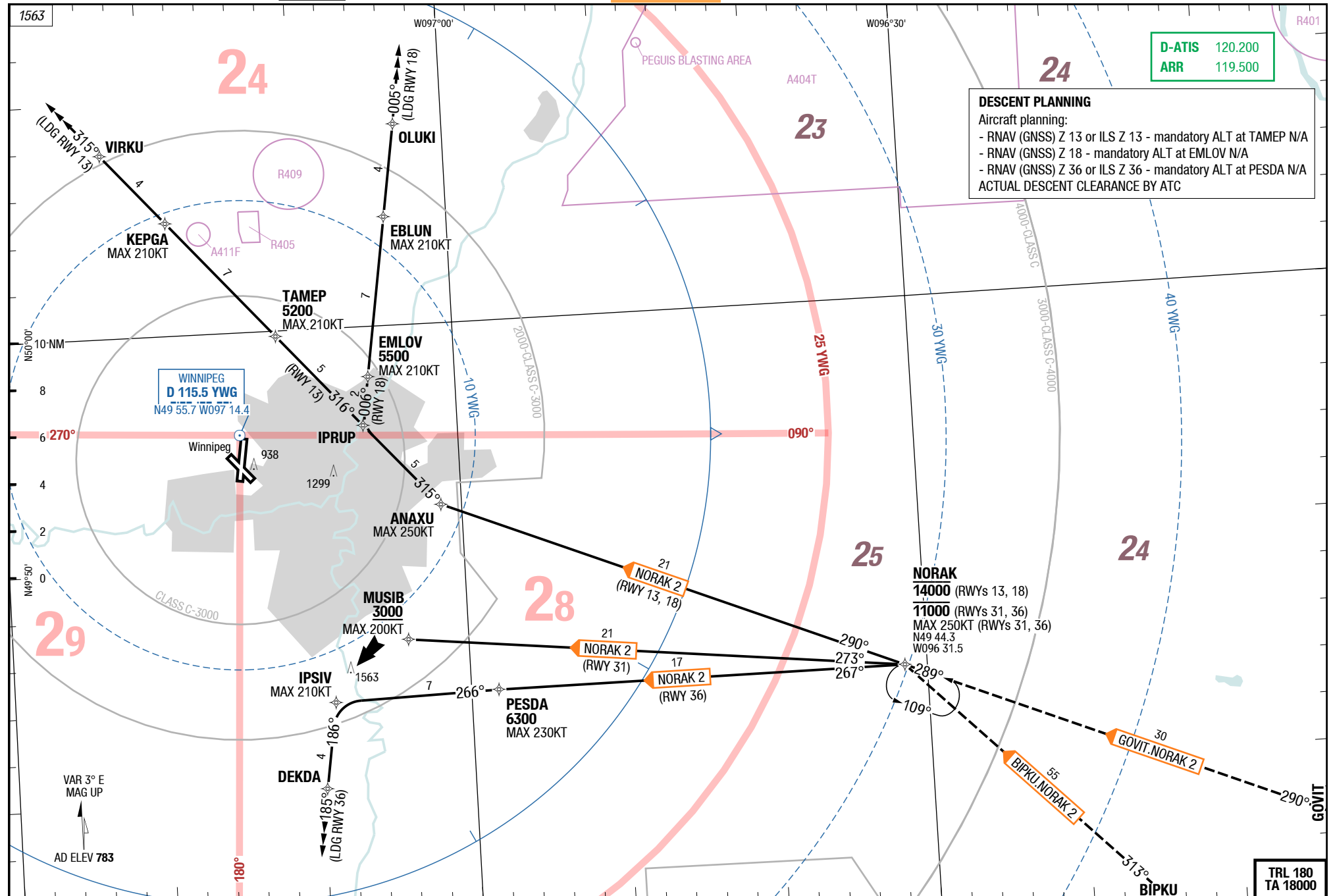
NORAK 2 RNAV

STAR

STAR

J A Richardson Intl **Winnipeg** Canada

NORAK 2 RNAV



Changes: ALT, PROC renumbered, Note

12-JUL-2018

Canada **Winnipeg** J A Richardson Intl

STAR

STAR

J A Richardson Intl **Winnipeg** Canada

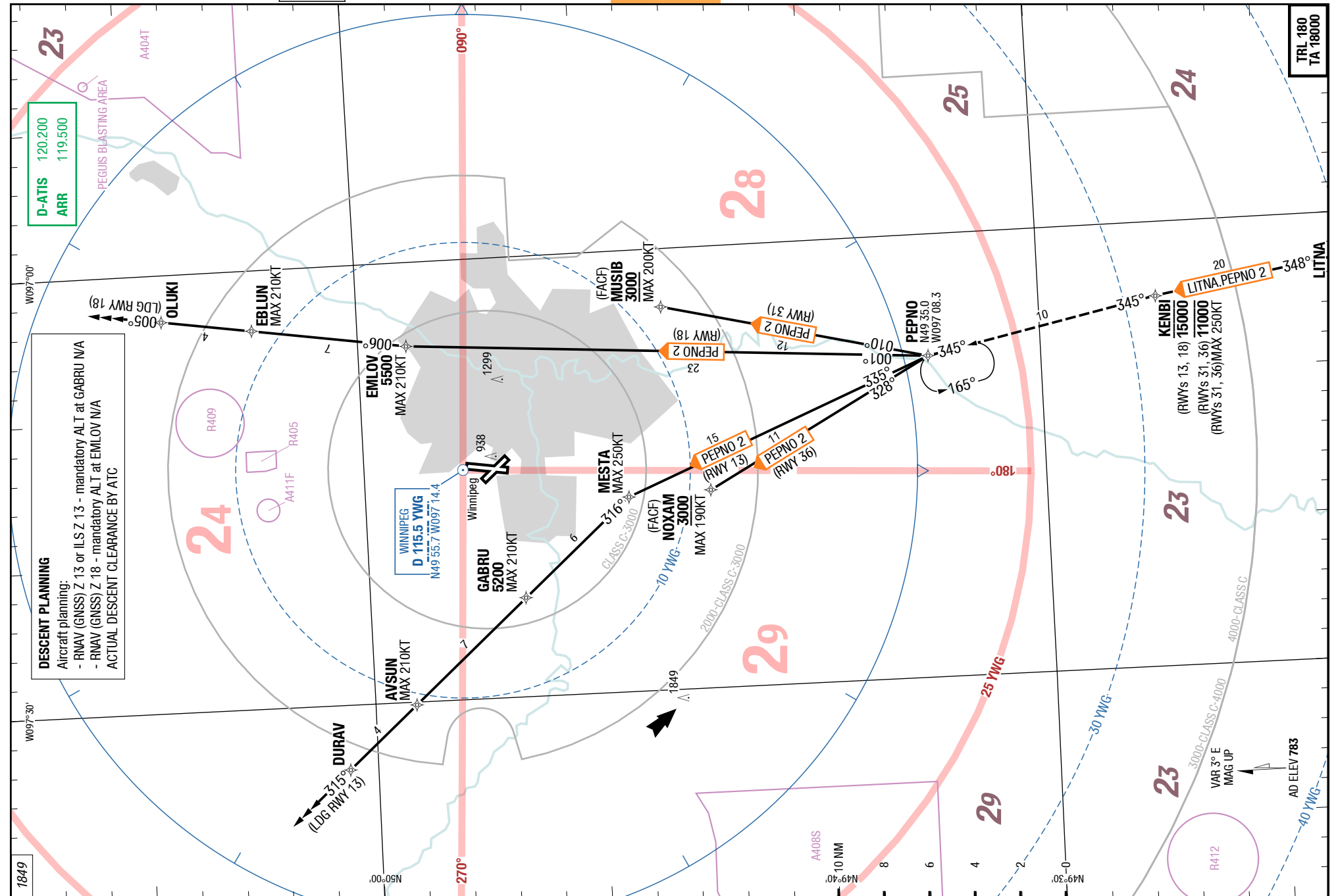
NIL

PEPNO 2 RNAV

YWG-CYWG

6-50

PEPNO 2 RNAV

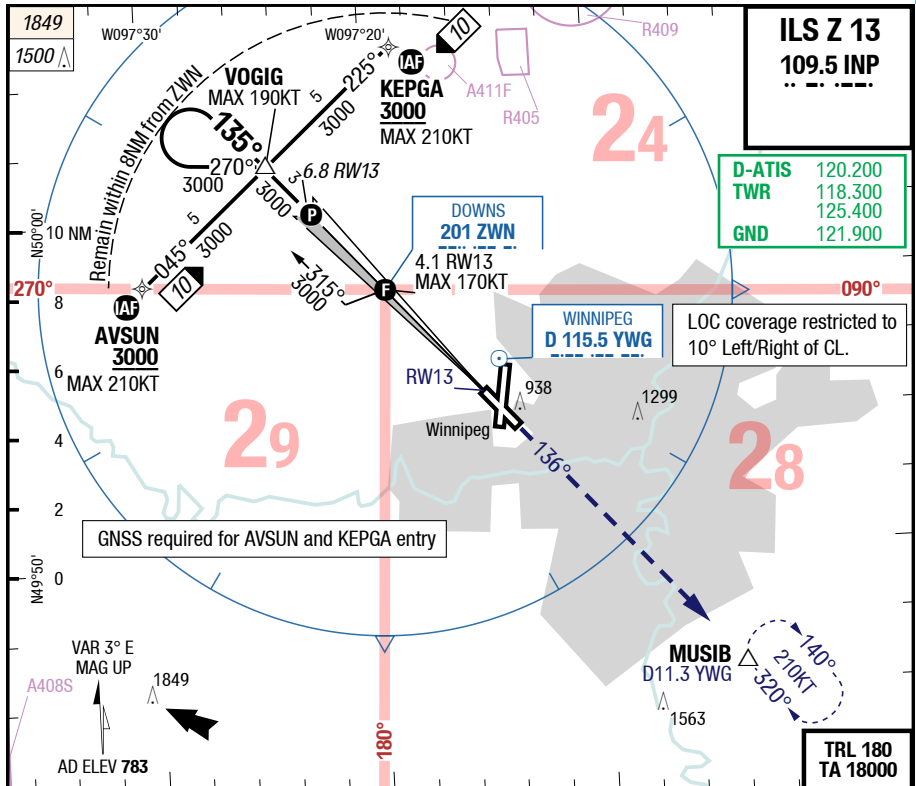


Changes: ALT, Note, PROC renumbered

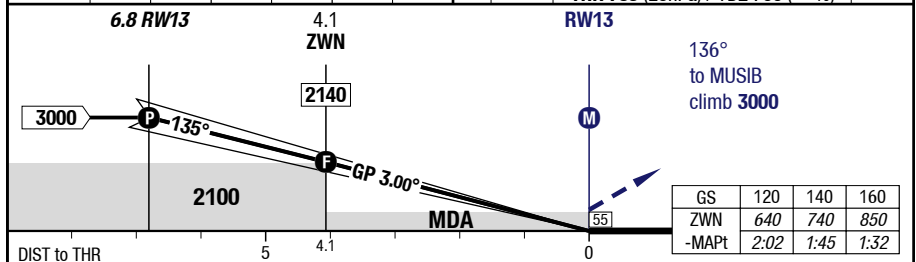
YWG-CYWG

7-10

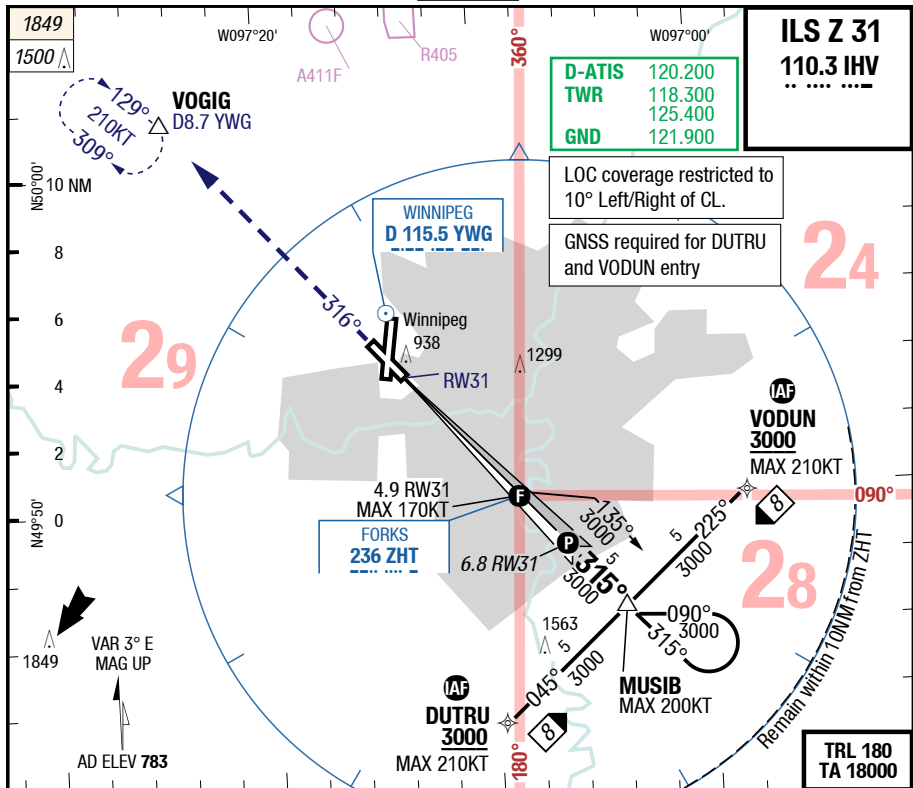
ILS Z 13



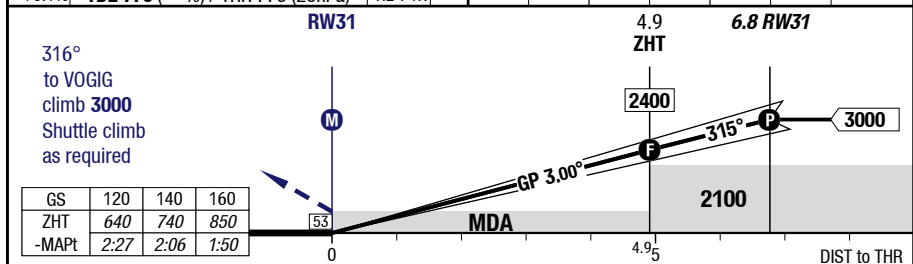
LOC 3.00° RW13	6.8	6	5	4	3	2	<div>13</div> <div>732</div> <div>HL-P1R THR 783 (28hPa) / TDZ 783 (---%) -0.1%</div>
	3000	2750	2430	2110	1790	1470	



13	Cat 1	LOC					Circling TERPS
C	ft - ft/SM ft	200 - 2600R/0.5V 990	420 - 5000R/1.0V 1200				600 - 2.0V 1390
D	ft - ft/SM ft	200 - 2600R/0.5V 990	420 - 5000R/1.0V 1200				700 - 2.25V 1490

YWG-CYWG**7-20****ILS Z 31**

60 H	61 x 2652	732	31	2	3	4	5	6	6.8	LOC 3.00° RW31
+0.1%	TDZ 776 (---%) / THR 773 (28hPa)	HL-P1R		1470	1790	2110	2440	2760	3000	



31	Cat 1	LOC				Circling TERPS
C	ft - ft/SM ft	200 - 2600R/0.5V 980	430 - 5000R/1.0V 1200			600 - 2.0V 1390
D	ft - ft/SM ft	200 - 2600R/0.5V 980	430 - 5000R/1.0V 1200			700 - 2.25V 1490

Effective 19-JUL-2018

12-JUL-2018

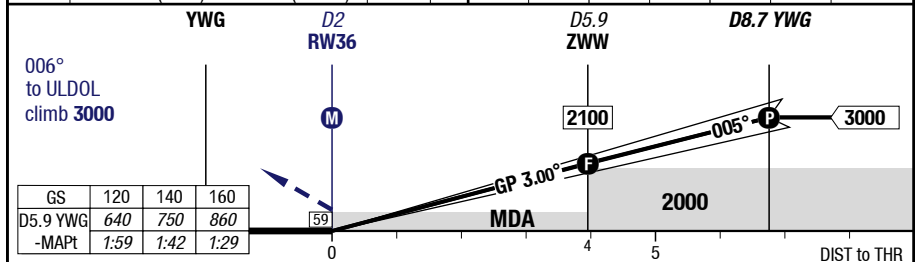
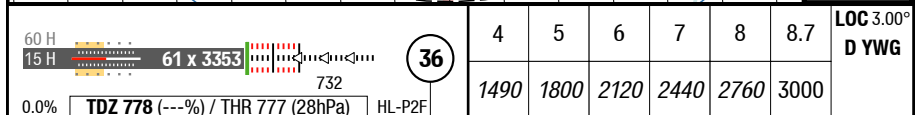
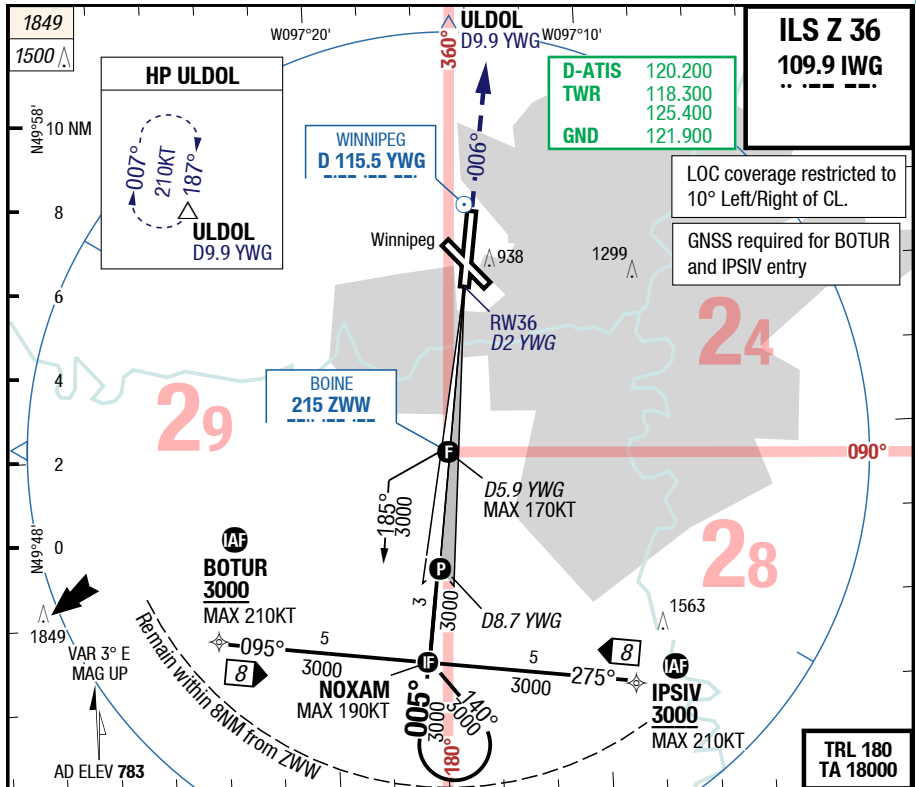
Canada **Winnipeg** J A Richardson Intl

IAC

YWG-CYWG

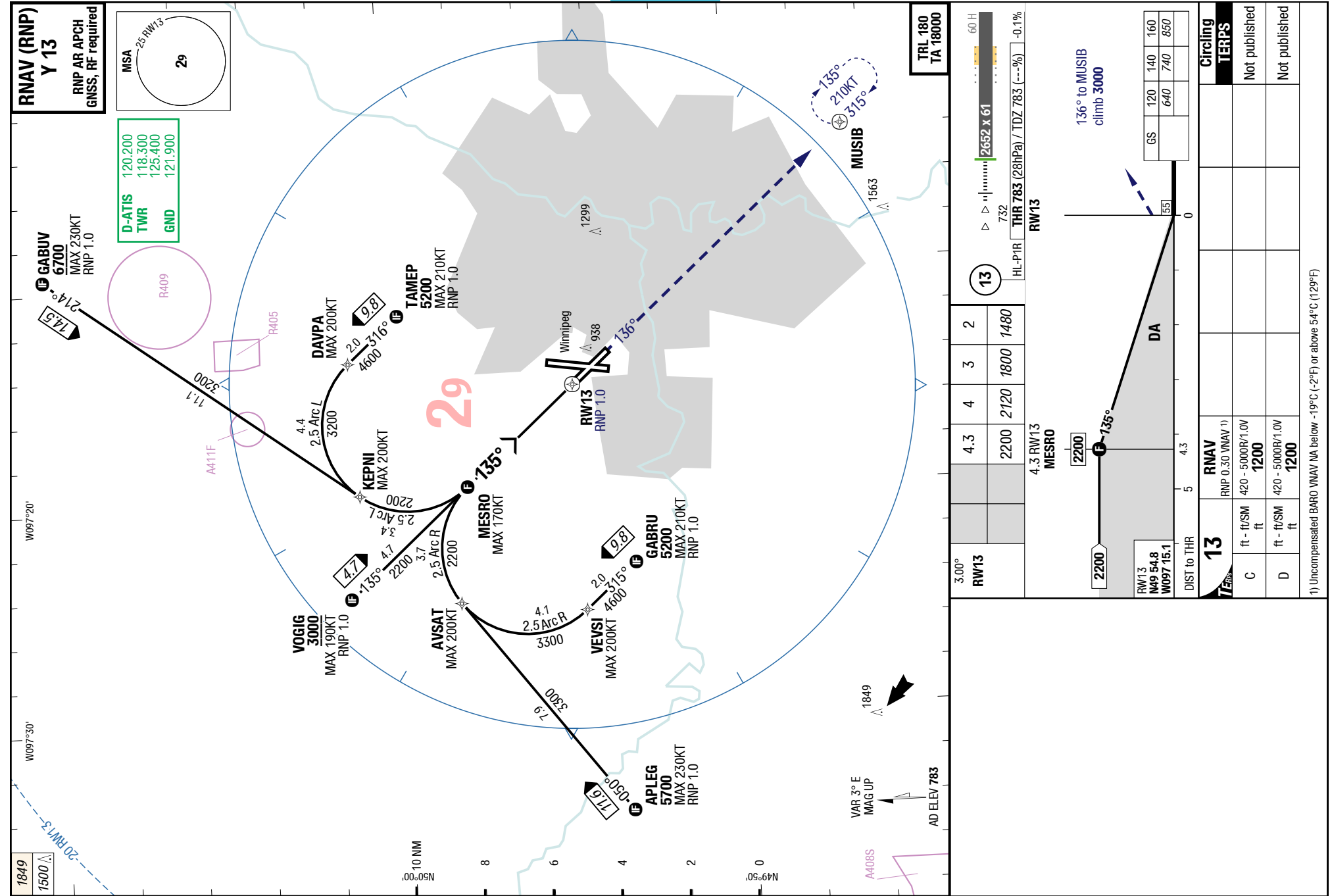
7-30

ILS Z 36



36		Cat 2	Cat 1	LOC		Circling TERPS
C	ft - ft/SM ft	100 - 1200R 116 RA	200 - 2600R/0.5V 980	390 - 5000R/1.0V 1160		600 - 2.0V 1390
D	ft - ft/SM ft	100 - 1200R 116 RA	200 - 2600R/0.5V 980	390 - 5000R/1.0V 1160		700 - 2.25V 1490

Changes: ALT, HLDG



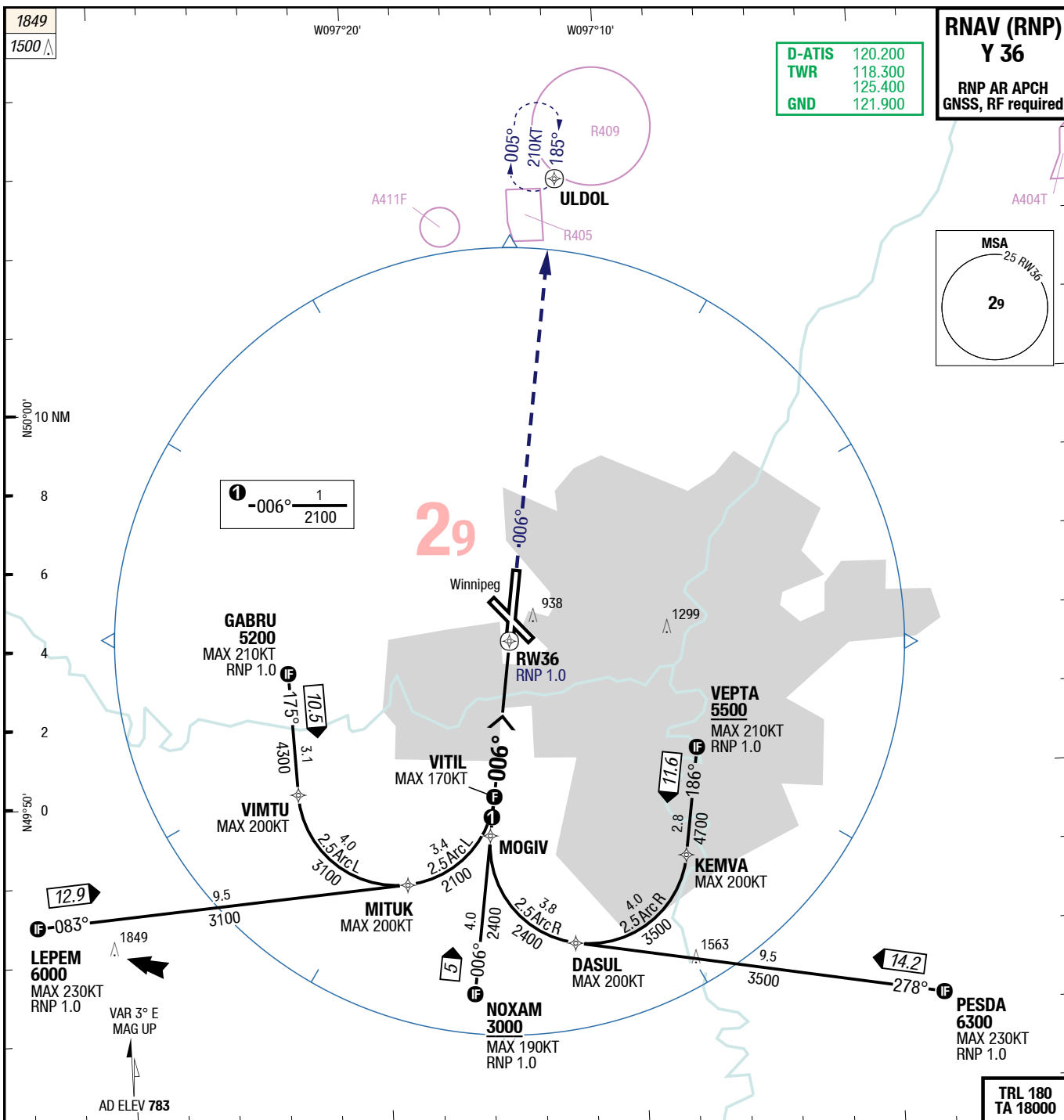
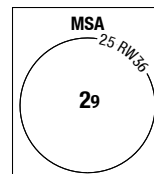
J A Richardson Intl **Winnipeg** Canada

RNAV (RNP) Y 18



**RNAV (RNP)
Y 36**
RNP AR APCH
GNSS, RF required

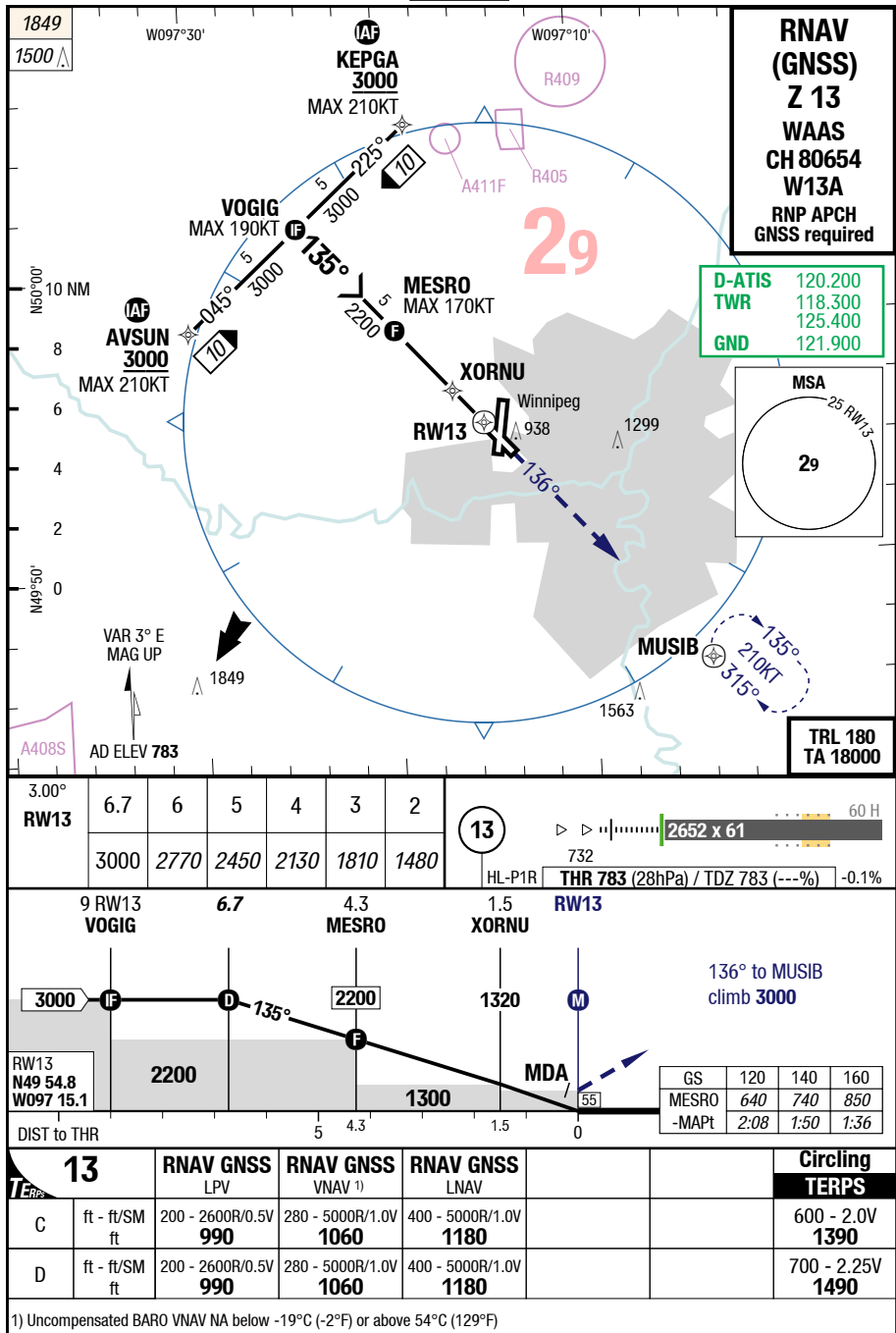
D-ATIS 120.200
TWR 118.300
GND 125.400
GND 121.900



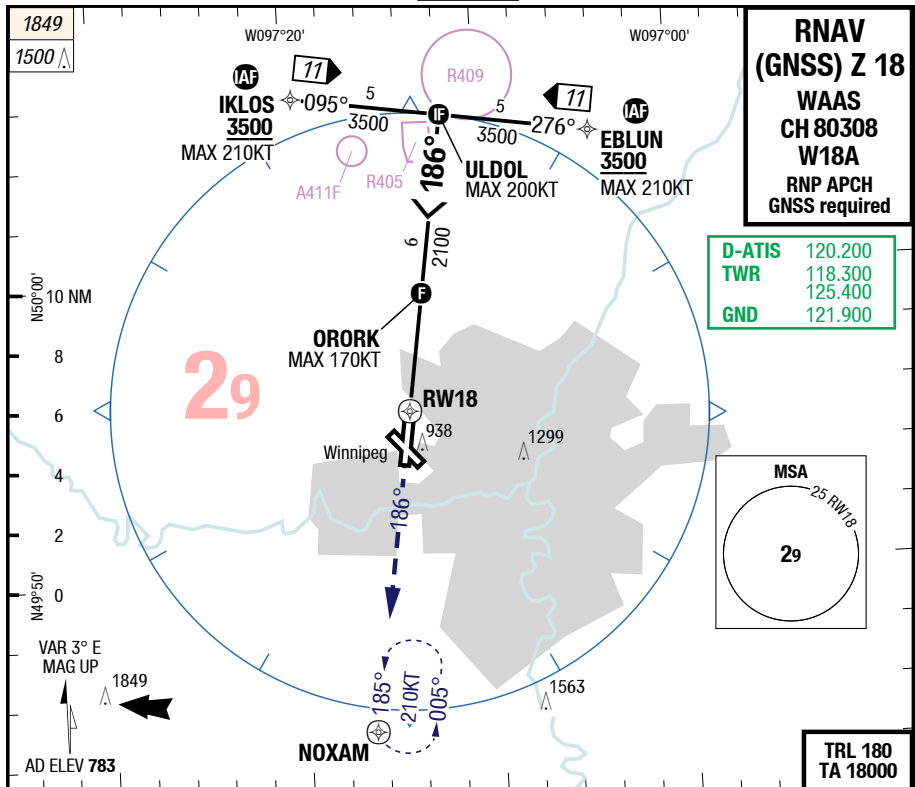
60 H 15 H	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><</div>
--------------	---

YWG-CYWG

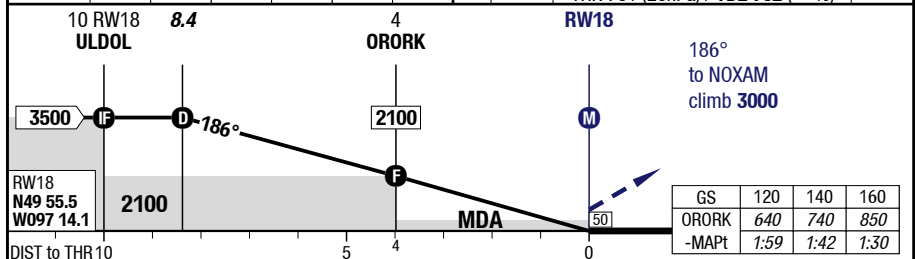
7-90

RNAV (GNSS) Z 13

Changes: ALT



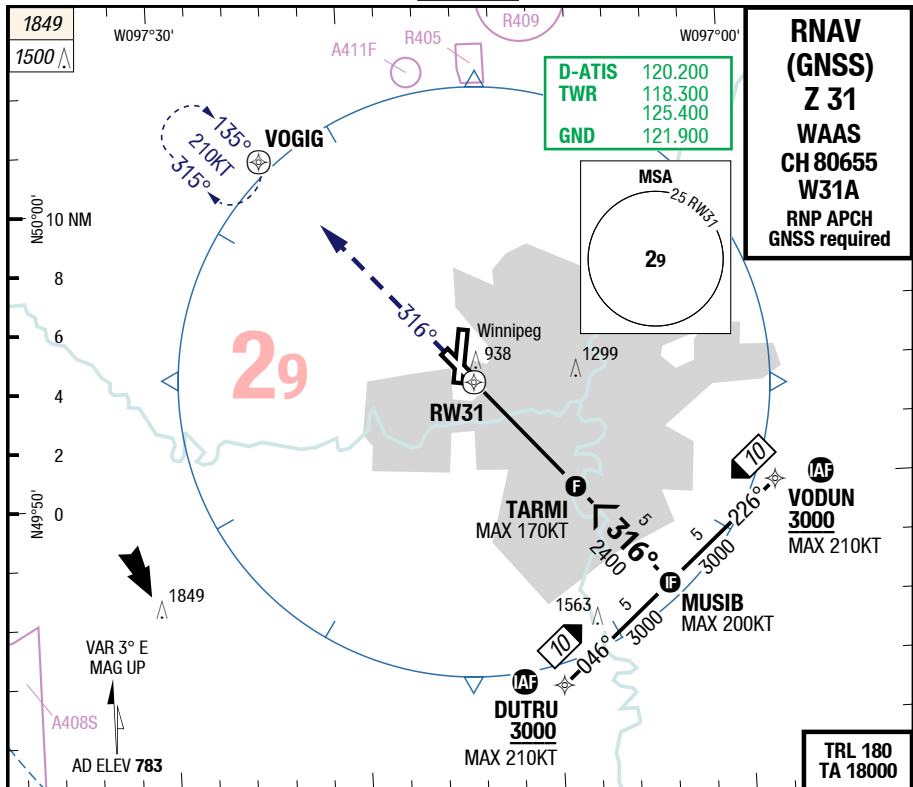
3.00° RW18 186° RWY 185°	8.4	7	6	5	3	2	<div> <div>18</div> <div>L-N</div> </div>	<div> <div>PAPI for EWH <26ft</div> <div> <div>3.0°</div> <div>60 HL</div> </div> <div> <div>3353 x 61</div> <div>15 H</div> </div> <div>457</div> </div>
	3500	3060	2750	2430	1790	1470		<div> <div>THR 781 (28hPa) / TDZ 782 (---%)</div> <div>0.0%</div> </div>



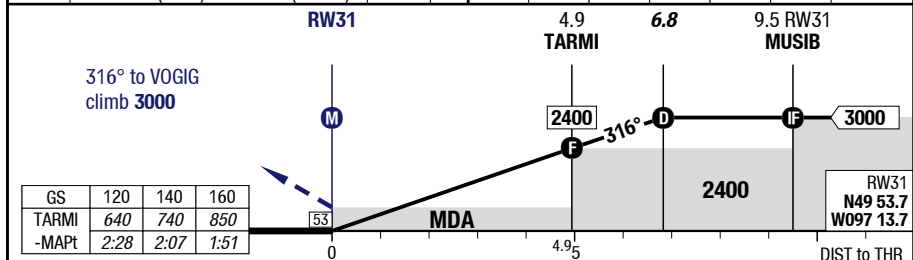
TERPS 18		RNAV GNSS	RNAV GNSS	RNAV GNSS			Circling
		LPV	VNAV ¹⁾	LNAV			TERPS
C	ft - ft/SM ft	250 - 1.0V 1040	320 - 1.0V 1100	420 - 1.25V 1200			600 - 2.0V 1390
D	ft - ft/SM ft	250 - 1.0V 1040	320 - 1.0V 1100	420 - 1.25V 1200			700 - 2.25V 1490

1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 54°C (129°F)

Changes: ALT

YWG-CYWG**7-110****RNAV (GNSS) Z 31**

60 H	61 x 2652	732	31	2	3	4	5	6	6.8	3.00°
+0.1%	TDZ 776 (---%) / THR 773 (28hPa)	HL-P1R		1470	1790	2100	2420	2740	3000	RW31 316°
										RWY 315°



31		RNAV GNSS LPV	RNAV GNSS VNAV 1)	RNAV GNSS LNAV		Circling TERPS
C	ft - ft/SM ft	200 - 2600R/0.5V 980	470 - 1.25V 1250	430 - 5000R/1.0V 1200		600 - 2.0V 1390
D	ft - ft/SM ft	200 - 2600R/0.5V 980	470 - 1.25V 1250	430 - 5000R/1.0V 1200		700 - 2.25V 1490

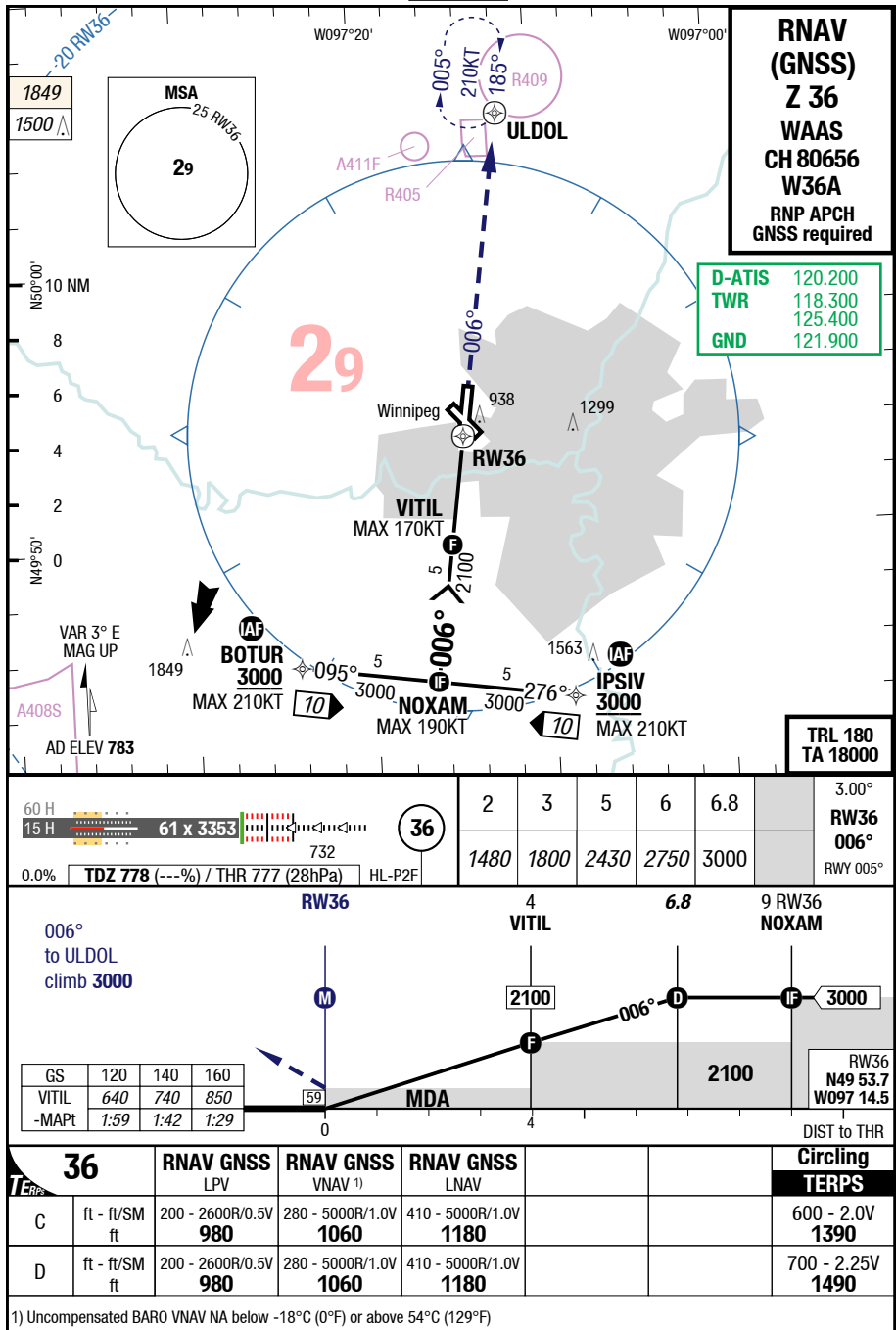
1) Uncompensated BARO VNAV NA below -19°C (-2°F) or above 54°C (129°F)

Changes: ALT

YWG-CYWG

7-120

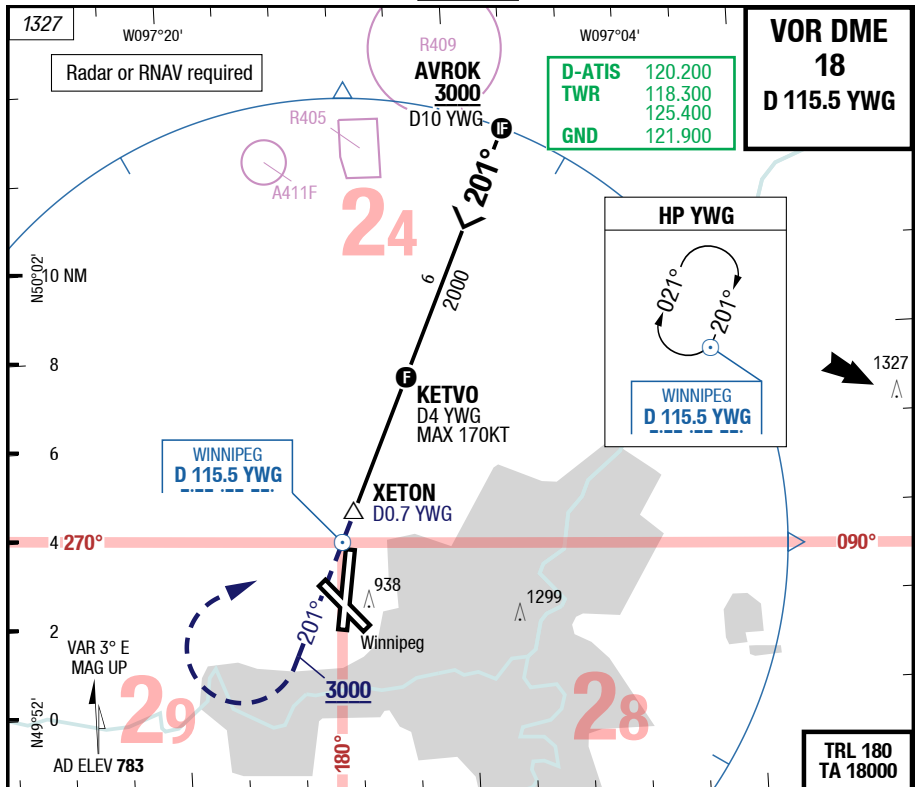
RNAV (GNSS) Z 36



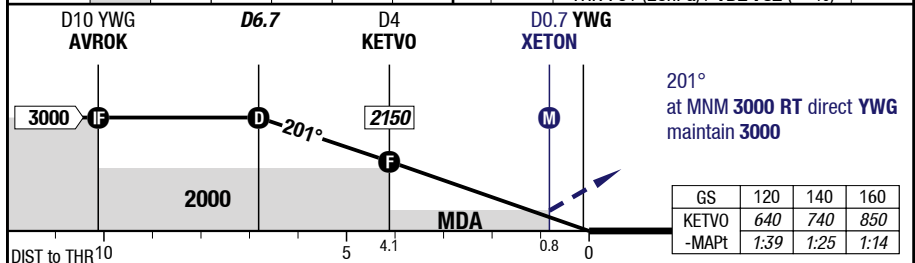
YWG-CYWG

7-130

VOR DME 18



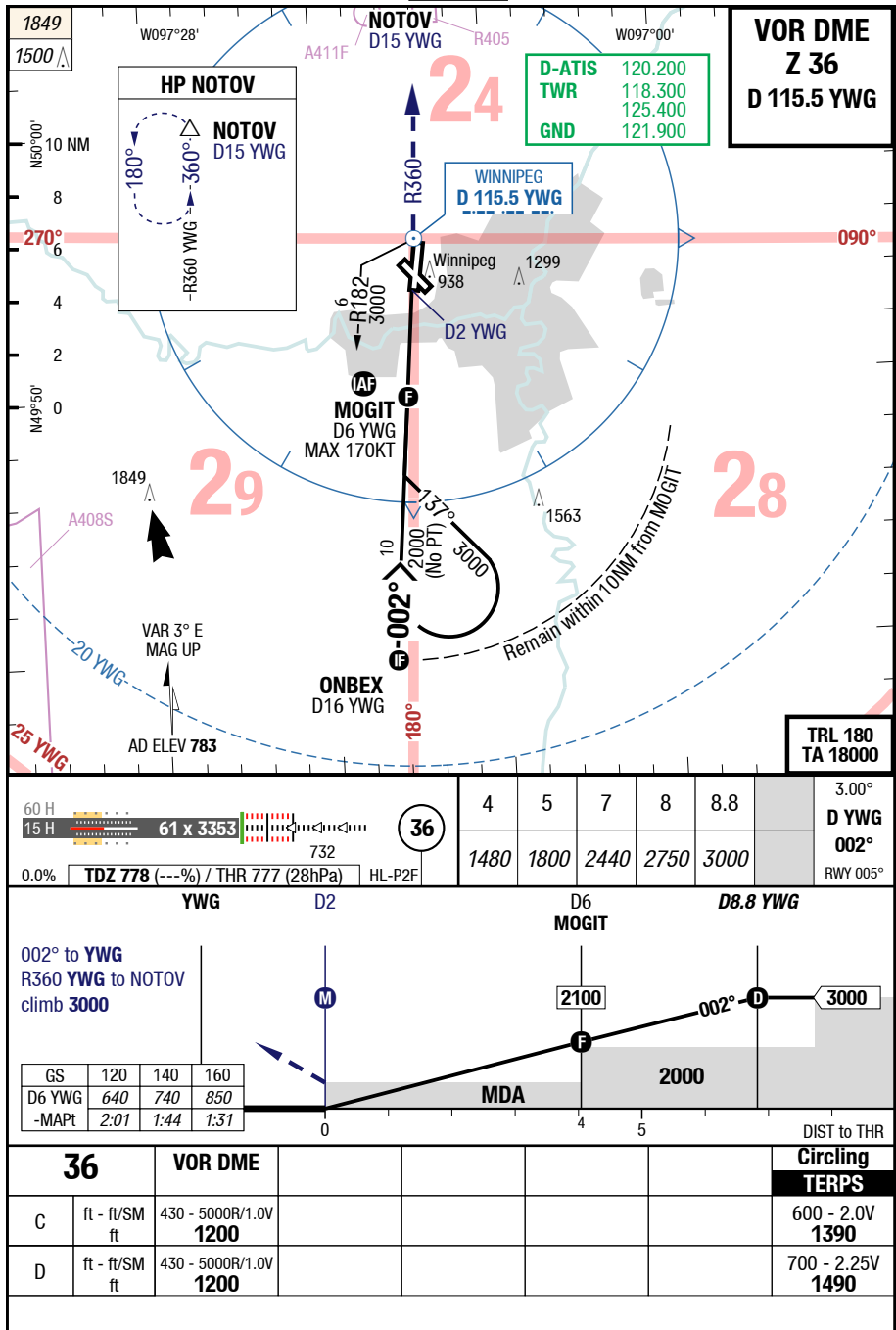
3.00°		6.7	6	5	3	2	<div> <div>18</div> <div>L-N</div> </div>	<div> <div>PAPI for EWH <26ft</div> <div> <div>3.0°</div> <div>60 HL</div> </div> </div>
<div> <div>D YWG</div> <div>201°</div> <div>RWY 185°</div> </div>		3000	2780	2460	1830	1510		<div> <div>457</div> <div>3353 x 61</div> <div>15 H</div> </div>
								<div> <div>THR 781 (28HPa) / TDZ 782 (---%)</div> <div>0.0%</div> </div>



18		VOR DME					Circling TERPS
C	ft - ft/SM ft	420 - 1.25V 1200					600 - 2.0V 1390
D	ft - ft/SM ft	420 - 1.25V 1200					700 - 2.25V 1490

YWG-CYWG

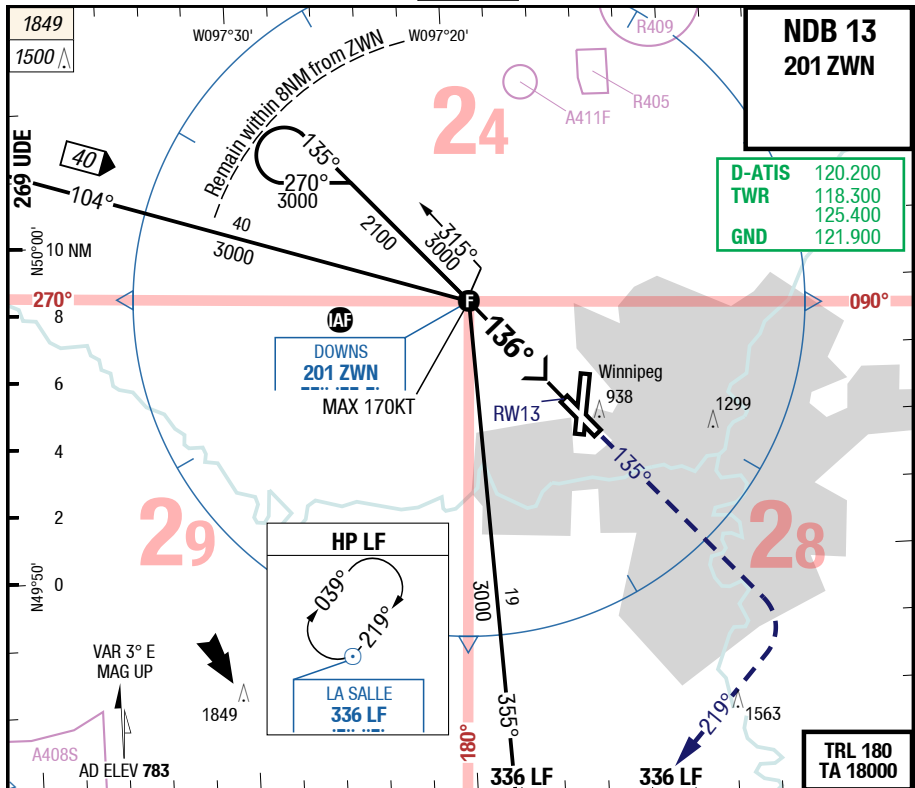
7-140

VOR DME Z 36

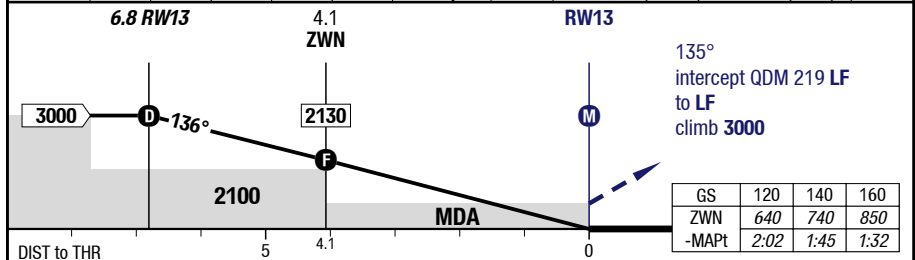
YWG-CYWG

7-150

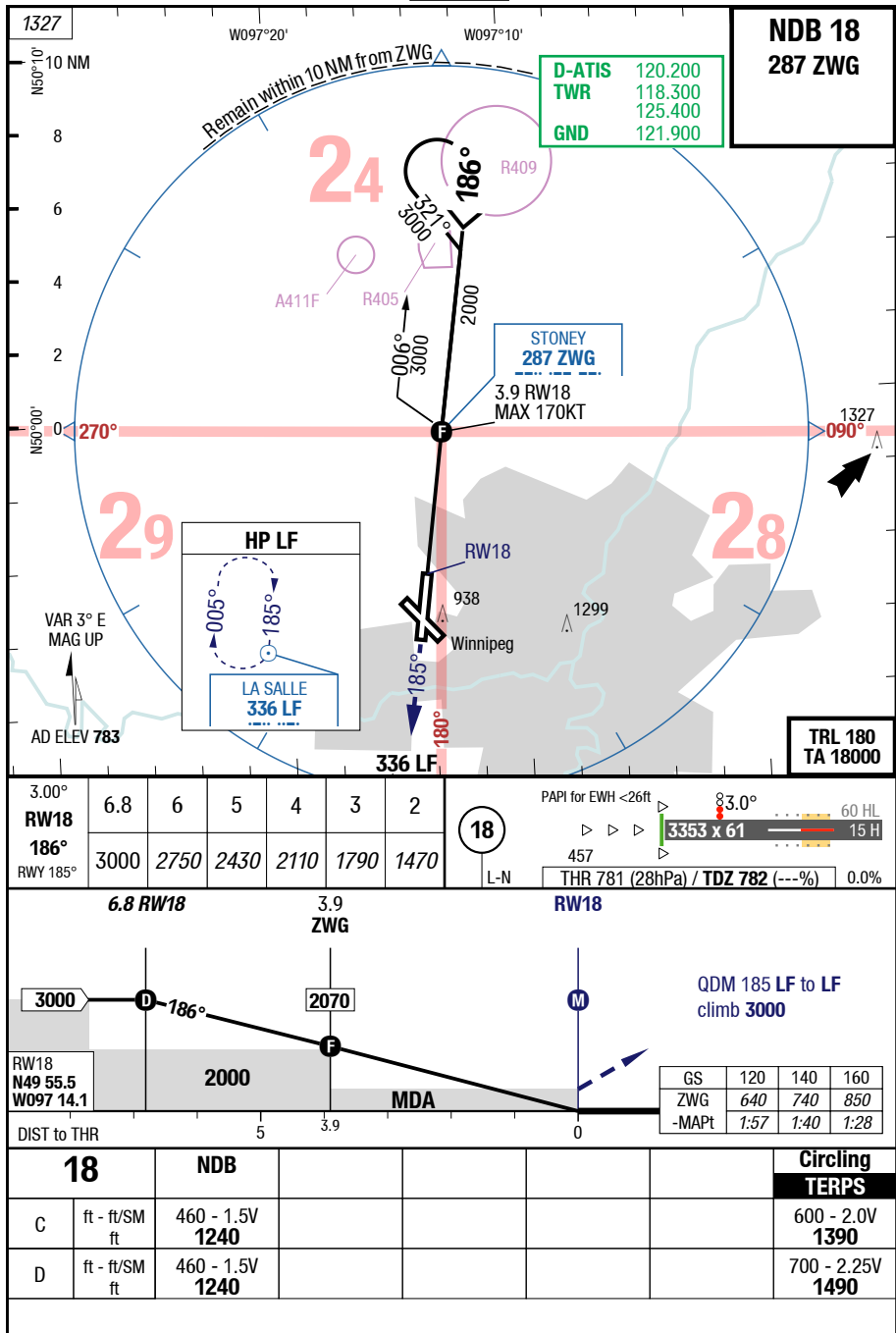
NDB 13



3.00°	6.8	6	5	4	3	2	<div><div>13</div><div><div><div>▷▷</div><div>732</div><div>2652 x 61</div><div>60 H</div></div></div></div>
<div><div>RW13</div><div>136°</div><div>RWY 135°</div></div>	3000	2750	2430	2110	1790	1470	



TERPS	13		NDB					Circling
								TERPS
C	ft - ft/SM ft	500 - 5000R/1.0V 1280						600 - 2.0V 1390
D	ft - ft/SM ft	500 - 5000R/1.0V 1280						700 - 2.25V 1490

YWG-CYWG**7-160****NDB 18**

Canada **Winnipeg** J A Richardson IntlAC
ACJ A Richa
NDB 36

Winnipeg *Canada*

Caridad

J A Richa
NDB 36

7-170

NDB 31

NDB 36

