

02-MAR-2017

YOW-CYOW**1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** TWR H24**AD OPS Hours:** Not published**Airport Information****RFF:** CAT 8**PCN:** O/R**Customs:** O/R**Operations****Preferential RWY**

Controllers will designate RWYs to divert as many TKOFs and LDGs as possible, consistent with safety of operations, from flight over residential areas adjacent to the AD. Pilots should be prepared to use RWYs other than 32 for TKOF.

Aerodrome Level of Service

RWY 04/22: 2600R/0.5V

RWY 07/25: 1200R/0.25V

RWY 14/32: 1200R/0.25V

RWY Restriction

Above 15°C / 59°F, no ACFT with more than 100 PAX or over 38.5t / 85000lbs is authorized to perform 180° turn on any RWY without permission.

RWY 04/22 MAX weight 27t / 60000lbs.

TWY Restriction

TWY G uncontrolled.

TWYs M, P, Q and T MAX weight 27t / 60000lbs.

Taxi/Parking

APN uncontrolled.

Taxi between terminal and pushed-back ACFT prohibited.

Give way to taxiing DEP ACFT from gates 1-6.

Noise Abatement Procedure

Turbo-jet TKOF and LDG prohibited RWY 04/22.

Warnings

Bridge railing 8.5m / 28ft high. Bridge MAX strength 55.3t / 122000lbs.

The grade of sand which is used extensively on the AD during winter months may pose a hazard to ACFT.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

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

Communication**COM Failure:** See CRAR Canada.

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YOW-CYOW**1-20****AOI****AOI****ARRIVAL****Arrival Procedure**

VFR Traffic Pattern: RWY 07, 14 and 22 right-hand circuit.

Noise Abatement Procedure

Visual APCH: Intercept final latest over FAF, then remain on or above ILS G/S or assumed 3° GP, maintain last assigned ALT until established on final.

Prop ACFT approaching RWY 04 and 14 maintain 1500ft until established on final.

Non-standard GP intercept position on**RWY 07**

GP intercepts RWY 07 at 337m / 1107ft after landing threshold.

Remaining LDG DIST beyond GP is 2101m / 6896ft.

RWY 32

GP intercepts RWY 32 at 308m / 1011ft after landing threshold.

Remaining LDG DIST beyond GP is 2742m / 8994ft.

DEPARTURE**Take-off Minima**

RWY		07, 32	
All ACFT	ft - ft/SM	0 - 2600R/0.5V	-
RWY		25	
All ACFT	ft - ft/SM	0 - 0.5V	-
RWY		14	
All ACFT	ft - ft/SM	0 - 0.5V	MNM climb gradient 7.1% up to 5100 when CYA528 or CYA534 active

Communication

COM Failure: See CRAR Canada and in addition:

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

- 5min after selecting 7600 proceed directly on course and climb to planned ALT.

Note: If COM Failure occurs more than 10min after TKOF, comply with the appropriate procedure for COM Failure ENRT.

Departure Procedure**RWY Restriction**

MAY 01 - SEP 30: TKOF RWY 32 not permitted 0300-1100 on technical stops and for charter. Exception possible by AD authority.

Noise Abatement Procedure

Use NADP 1 or 2 for all RWYs. If PROC 1 is chosen, inform DLV or GND.

- Jet ACFT DEP RWY 07, 14, 32: Climb on RWY heading to 3000ft before proceeding on course.
- Prop ACFT DEP RWY 32: Climb on RWY HDG until 1500ft before proceeding on course.

08-DEC-2016

YOW-CYOW**1-30****AOI****AOI****DEPARTURE****De-Icing****De-Icing OPS**

- Contact PAD CONTROL on 122.925 30min prior to DEP if de-icing is required.
- Notify of any special treatments prior to taxi to Central De-Icing Facility.
- Contact GND after push-back for taxi to Central De-Icing Facility.
- Hold short of the Central De-Icing Facility on K, AA, BB or CC and contact PAD CONTROL for further taxi.
- Follow instructions and electronic sign boards to de-icing bays.
- Stop on the yellow crossbar and advise PAD CONTROL immediately once brakes are set.
- Once instructed, contact ICEMAN on 122.350 to confirm brakes set, ACFT configured and ENG at idle.
- After de-icing configure ACFT for taxi, however, DO NOT MOVE ACFT.
- Once instructed, contact PAD CONTROL for taxi.
- Follow instructions to designated exit point. Hold short of TWY A, contact GND 121.900.

Note: ACFT intended to return to terminal gates after de-icing must drip dry for 25min on CDF.

De-Icing Requirements

Indicate areas of ACFT requiring de-icing.

ACFT requiring visual or tactile inspections must indicate to PAD CONTROL on initial contact.

Gate de-icing

Gate de-icing approved (frost only) under following conditions:

- Active precipitation is not forecasted for the operational period.
- APN conditions are such as to allow the recovery of spent fluid.
- De-icing required is Wings and Tail only. ACFT requiring fuselage must taxi to CDF.
- Required fluid to de-ice ACFT is anticipated to be less than 50 litres.
- Wind speed do not exceed 15KT.

Originating FLTs:

- De-icing for originating FLTs will take place 60-90min before SKED DEP time.

Turn FLTs:

- ACFT must notify PAD CONTROL ASAP when de-icing is required.
- De-icing will take place once the ACFT is configured, brakes are set and all doors closed. Radio communication must be maintained with PAD CONTROL during de-icing.

Bay Restrictions

Bay 1, 3, 4, 6 MAX wingspan 36m / 118ft.

Bay 2 MAX wingspan 52m / 170ft.

Bay 5 MAX wingspan 80m / 262ft.

TWY AA and BB MAX wingspan 36m / 118ft.

30-AUG-2018

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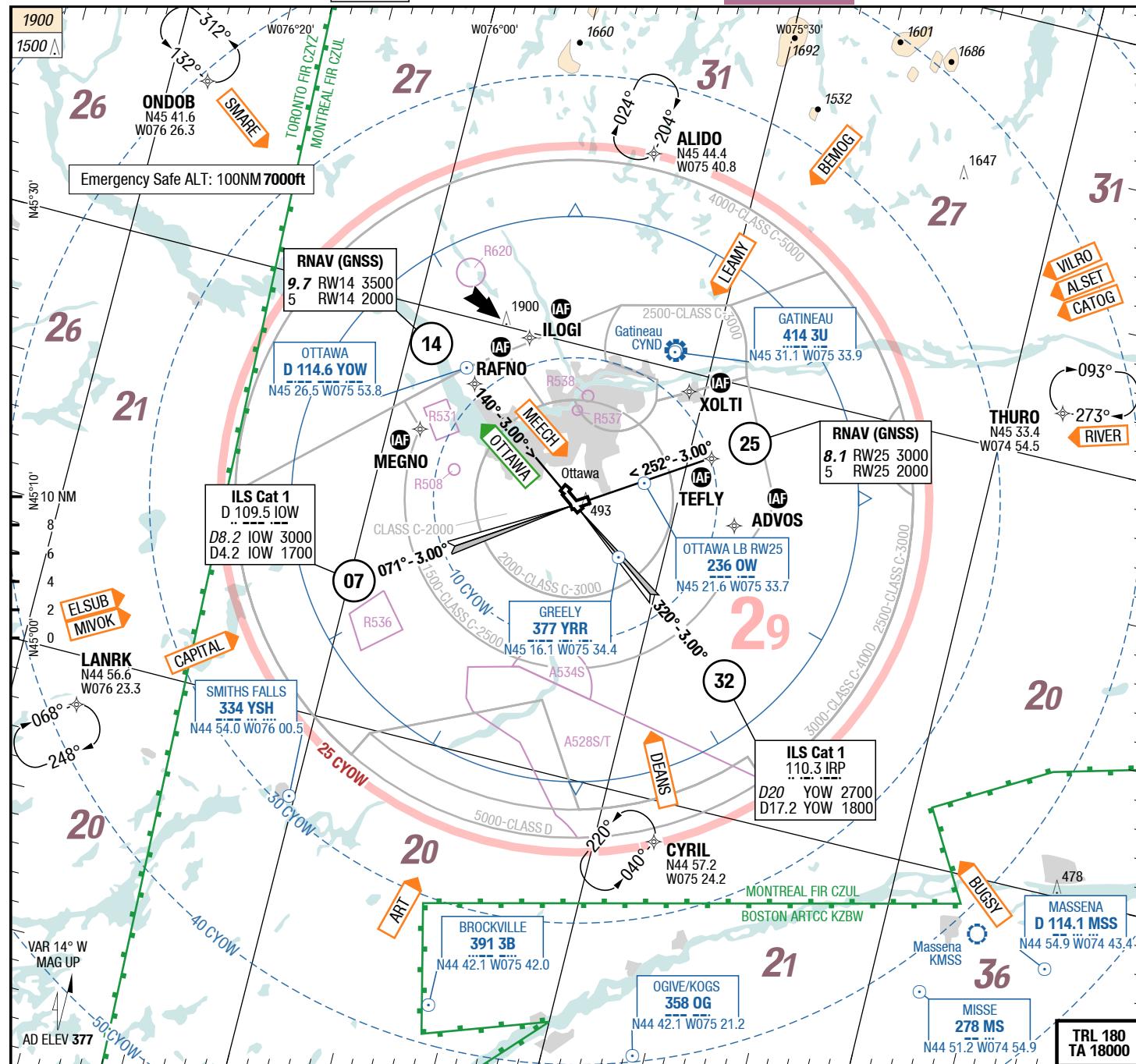
AGC
AFC

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AFC

YOW-CYOW

2-10



Changes: APL, OBST, Editorial

D-ATIS

121.150

ARR

135.150

DEP

128.175

TWR

118.800

GND

120.100 VFR North

RCO (Quebec RDO)

121.900

DLV

123.150 FIS

PDC

126.700 BCST

119.400

Landing RWY system:

PAPI for EWH <46ft	83.0°	60 HL
732	2438 G 60	HL-P1R
HL-P1R	THR 369 (13hPa) / TDZ 373 (---%)	-0.1%
60 HL	60 G 2438	732
+0.1%	TDZ 373 (---%) / THR 362 (13hPa)	HL-P1R
60 HL	60 G 3050	732
732	3050 G 60	HL-P1R
HL-P1R	THR 351 (13hPa) / TDZ 369 (---%)	+0.2%
60 HL	60 G 3050	732
-0.2%	TDZ 371 (---%) / THR 367 (13hPa)	HL-P1R

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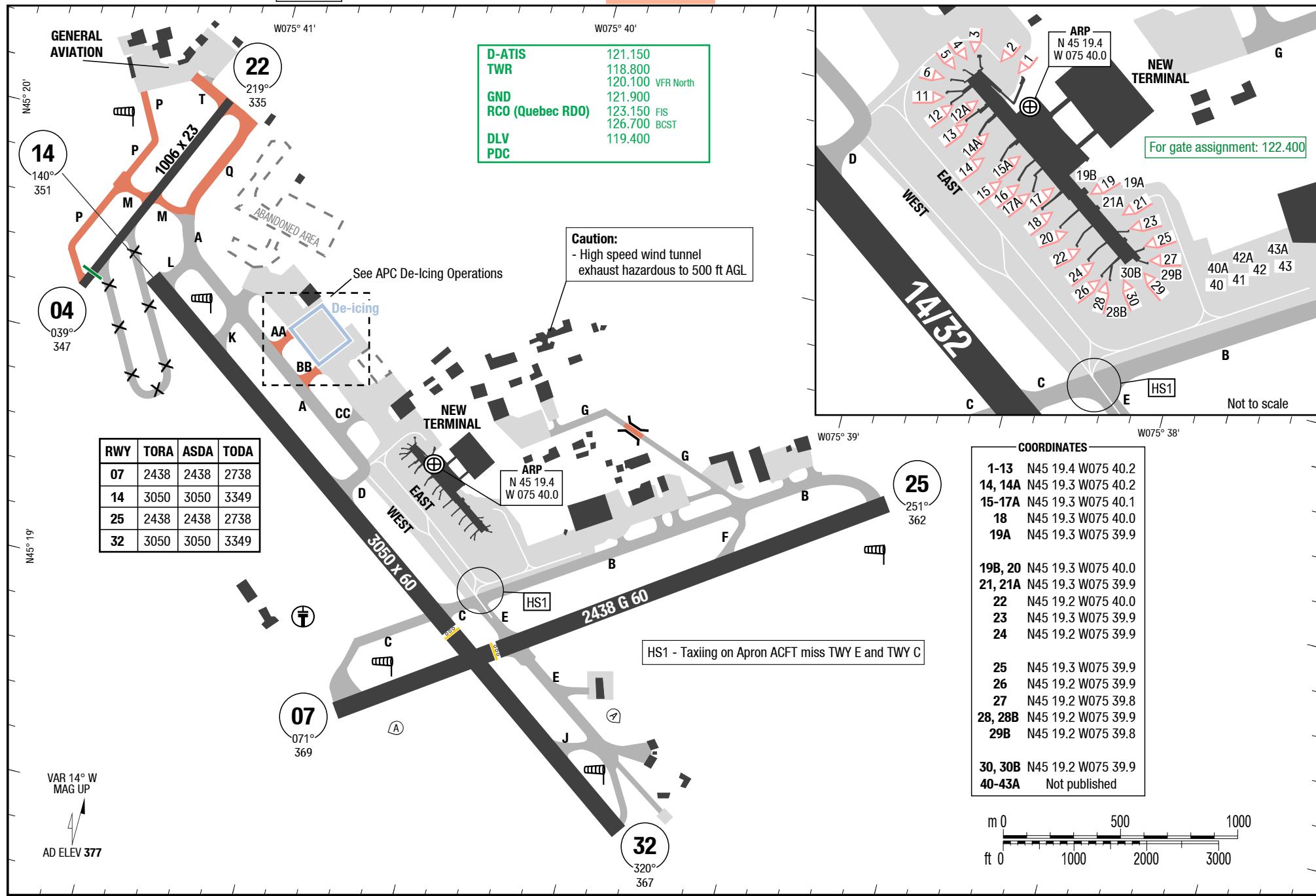
3-20

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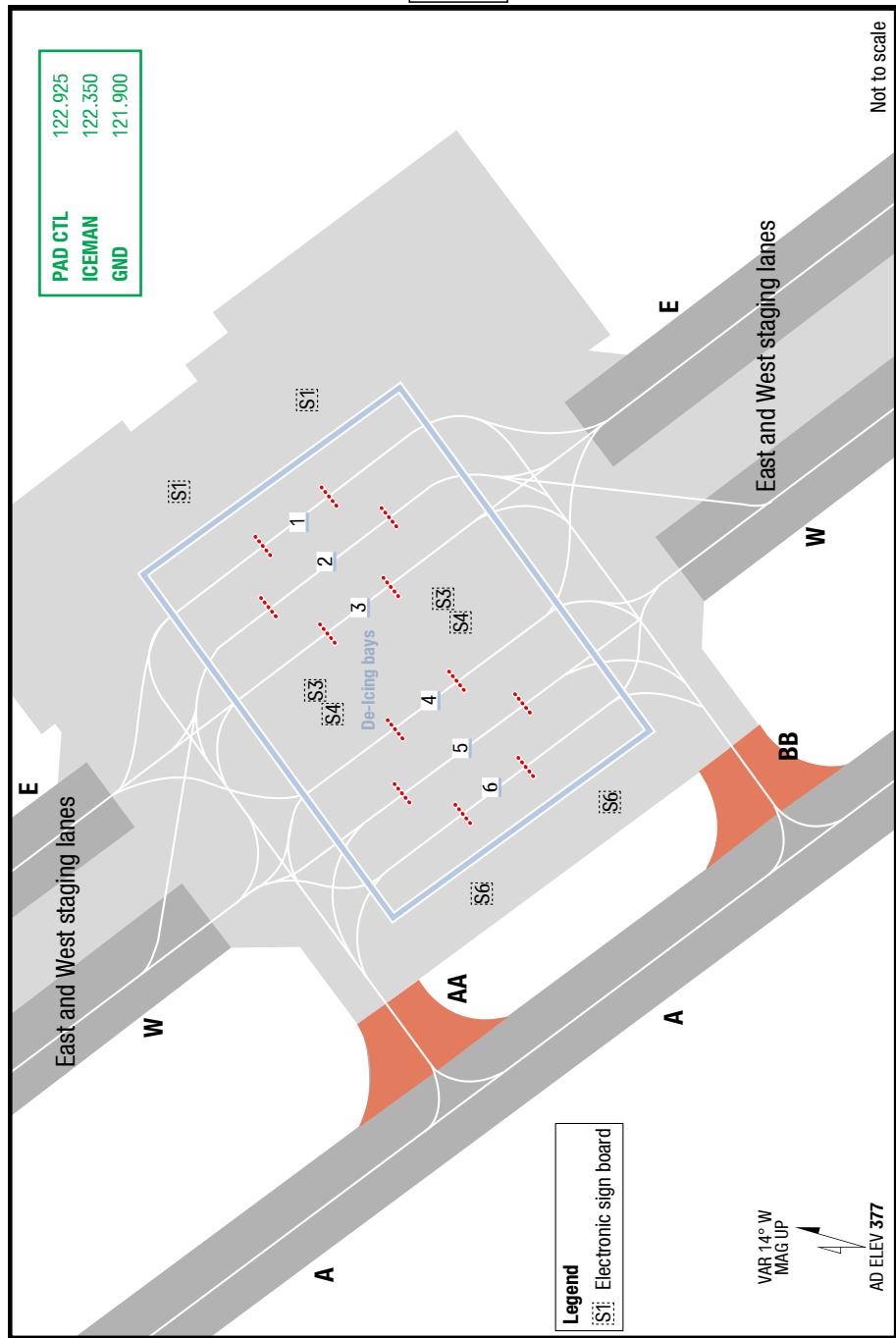
Changes: Nil

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3-30

APC De-Icing Operations

APC



07-JUN-2018

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YOW-CYOW

4-10

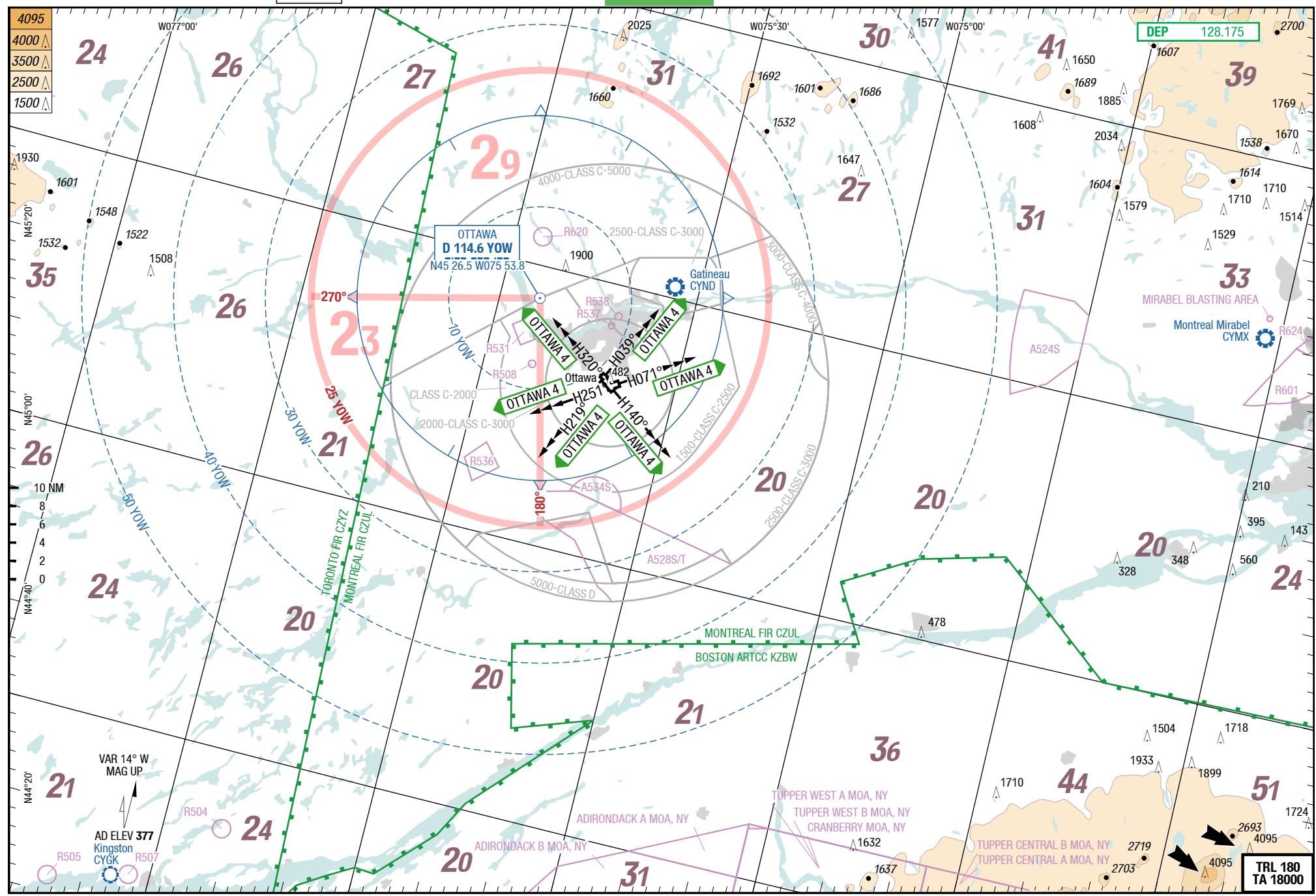
OTTAWA 4 (CYOW 4)

3

3

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OTTAWA 4 (CYOW 4)



YOW-CYOW

5-10

OTTAWA 4 (CYOW 4)

OTTAWA 4

RWYs 04 (039°) / 07 (071°) / 14 (140°) / 22 (219°) / 25 (251°) / 32 (320°)

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

DESIGNATOR	ROUTING	ALTITUDES
OTTAWA 4 CYOW 4 128.175		
RWY 04 4.5% to 600	HDG 039° or as assigned vectors to filed/assigned route	initial climb 3000 (Prop)
RWY 07	HDG 071° or as assigned vectors to filed/assigned route	initial climb 5000 (Jet) initial climb 3000 (Prop)
RWY 14	HDG 140° or as assigned vectors to filed/assigned route (no LT below 1000)	initial climb 5000 (Jet) initial climb 3000 (Prop)
RWY 22	HDG 219° or as assigned vectors to filed/assigned route	initial climb 3000 (Prop)
RWY 25	HDG 251° or as assigned vectors to filed/assigned route	initial climb 5000 (Jet) initial climb 3000 (Prop)
RWY 32	HDG 320° or as assigned vectors to filed/assigned route	initial climb 5000 (Jet) initial climb 3000 (Prop)

YOW-CYOW

5-30

DEPARTURES

DEPARTURES

	GS	120	150	180	210	240	270	
4.5%	ft/MIN	600	700	900	1000	1100	1300	
6.9%	ft/MIN	900	1100	1300	1500	1700	1900	
7.1%	ft/MIN	900	1100	1300	1600	1800	2000	

RWY	Routing
04	Climb MNM 4.5% (270ft/NM) to 600 . Climb between HDG 131° CCLKWS 228° to remain clear of CYA528 or CYA534 when active.
07	Climb between HDG 131° CCLKWS 228° to remain clear of CYA528 or CYA534 when active.
14	No left turn below 1000 . Climb MNM 7.1% (430ft/NM) to 5100 when CYA528 or CYA534 are active
22	Climb MNM 6.9% (420ft/NM) to 5200 when CYA528 or CYA534 are active.
25 / 32	Climb between HDG 228°CW 131° to remain clear of CYA528 or CYA534 when active

RWY	Notes
04	Building to 359ft ASL APRX 160ft from DER, 500ft left of RWY centreline. Trees to 410 ASL APRX 0.2NM past DER.
07	Road to 377ft ASL ABM DER, 300ft left and right of RWY centreline. Trees to 433ft ASL APRX 400ft past DER, 400ft left and right of RWY centreline.
14	Trees to 443ft ASL APRX 0.3NM past DER, 400ft left and right of RWY centreline
22	Trees to 410ft ASL within 0.2NM of DER.
25	Trees to 423ft ASL APRX 0.1NM past DER, 300ft left of RWY centreline.

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YOW-CYOW

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STAR

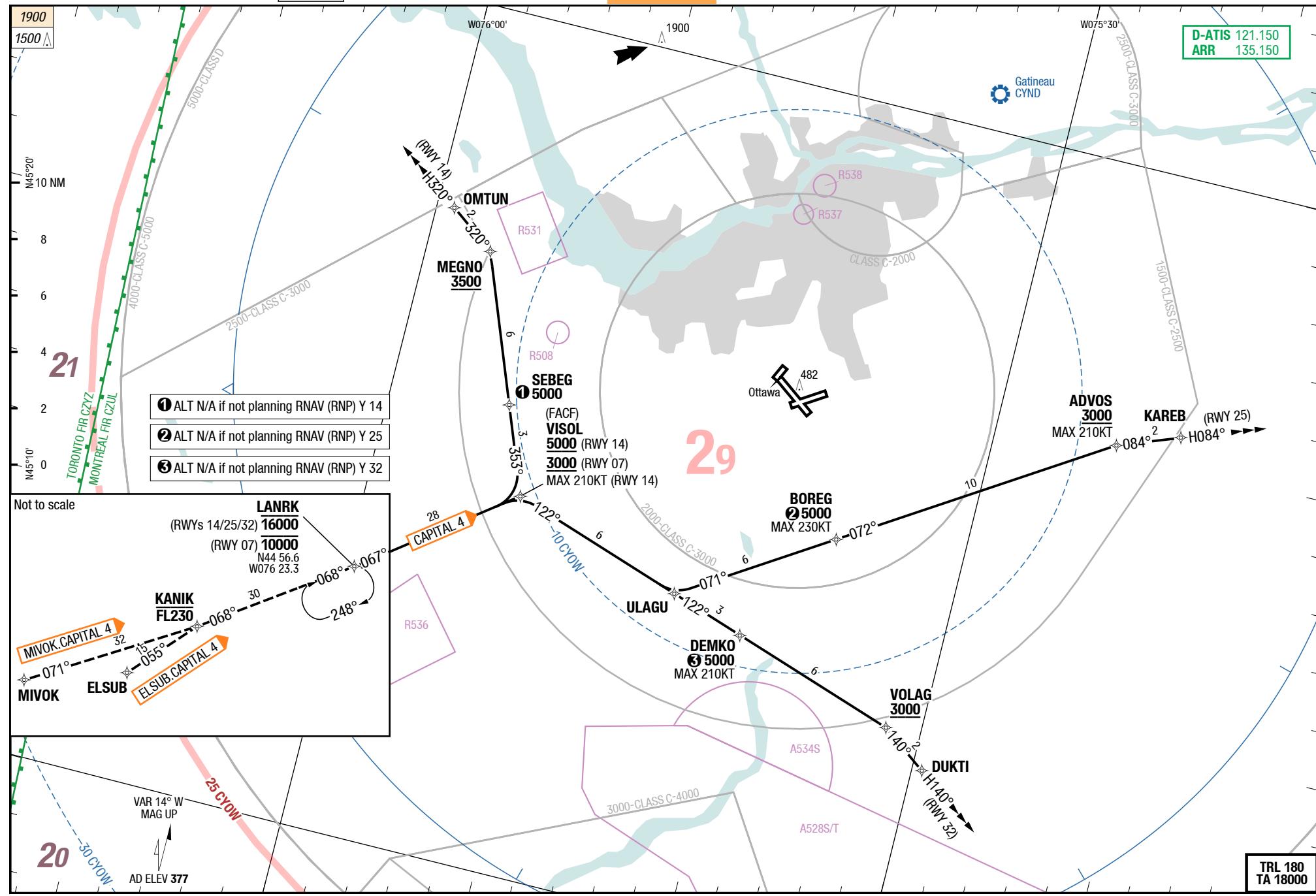
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6-10

CAPITAL 4 RNAV

STAR

CAPITAL 4 RNAV



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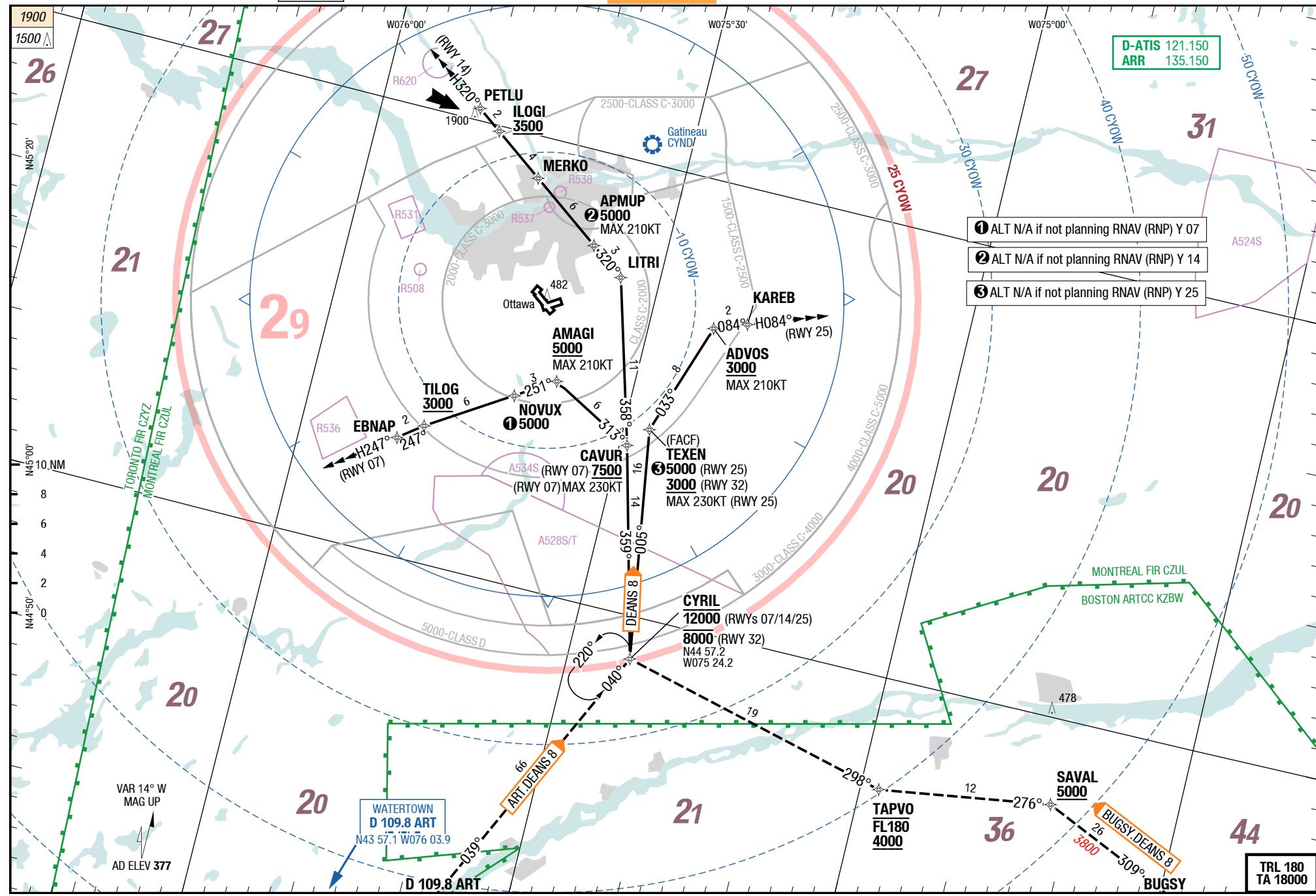
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YOW-CYOW

6-20

DEANS 8 RNAV



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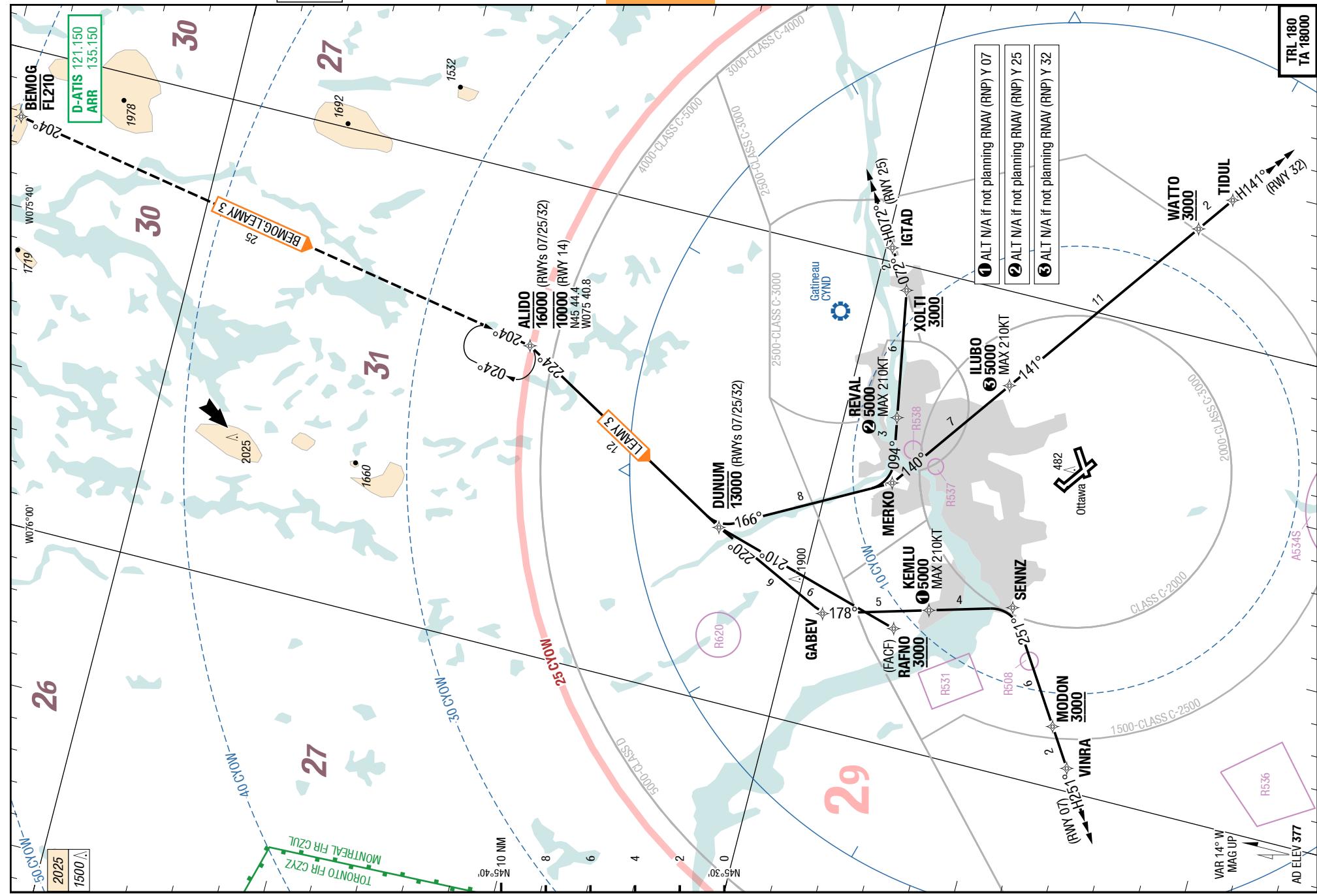
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6-30

LEAMY 3 RNAV

STAR

LEAMY 3 RNAV



Changes: Track, WPT FACF, Note, OBST, SUAs

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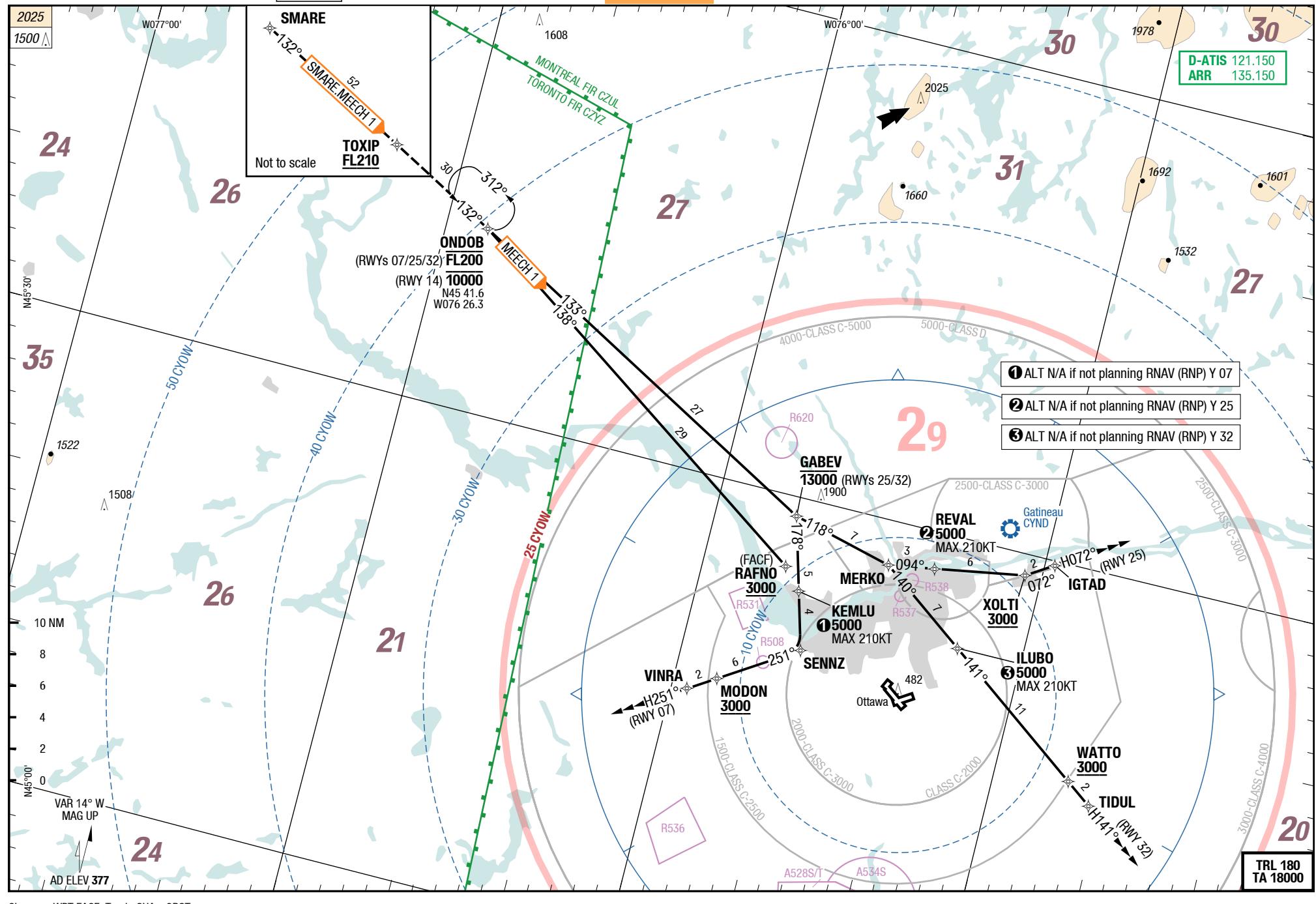
6-40

MEECH 1 RNAV

STAR

STAR

MEECH 1 RNAV



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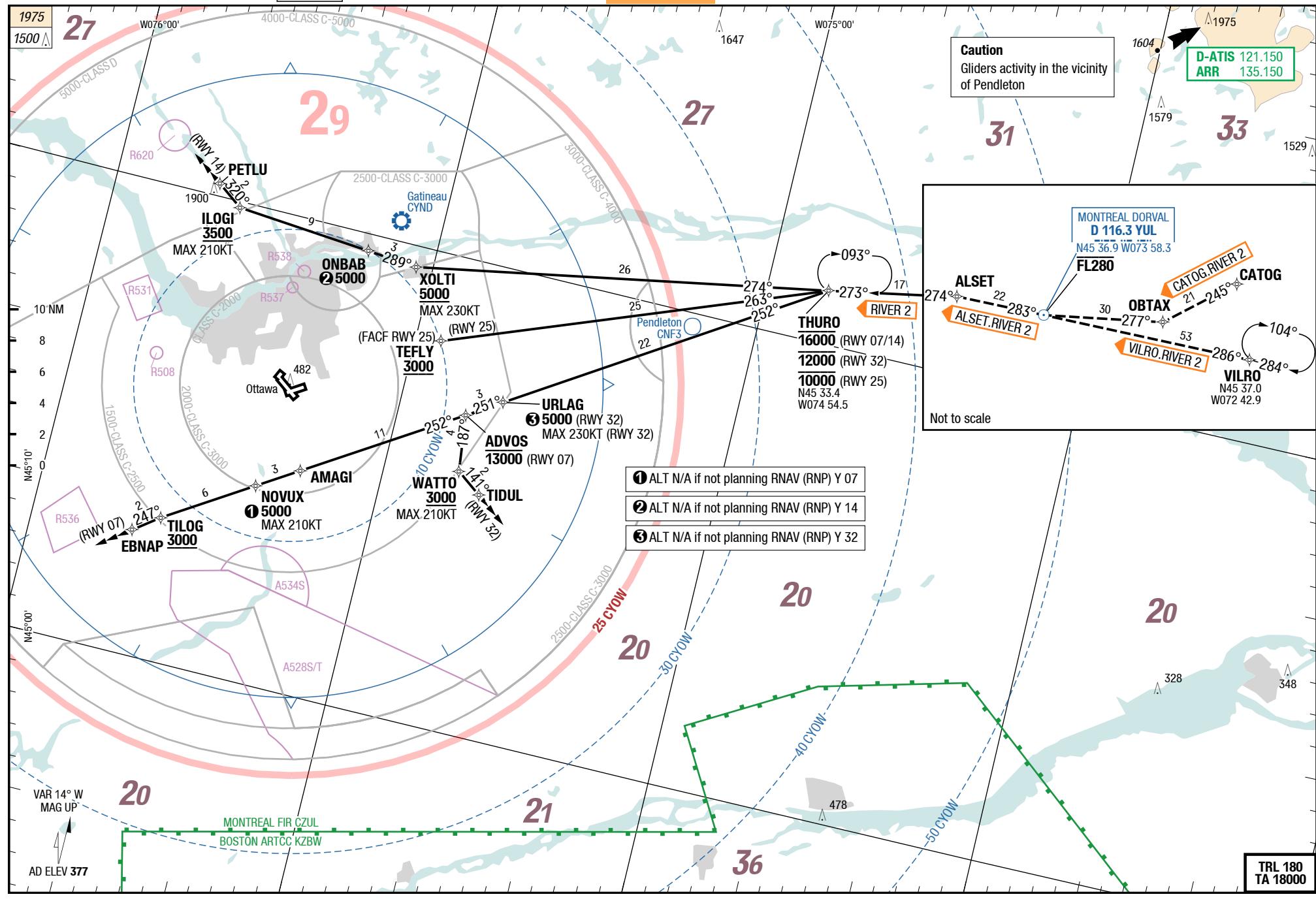
-50

RIVER 2 RNAV

STAR

STAR

MacDonald-Cartier Intl 01
NIL
RIVER 2 RNAV



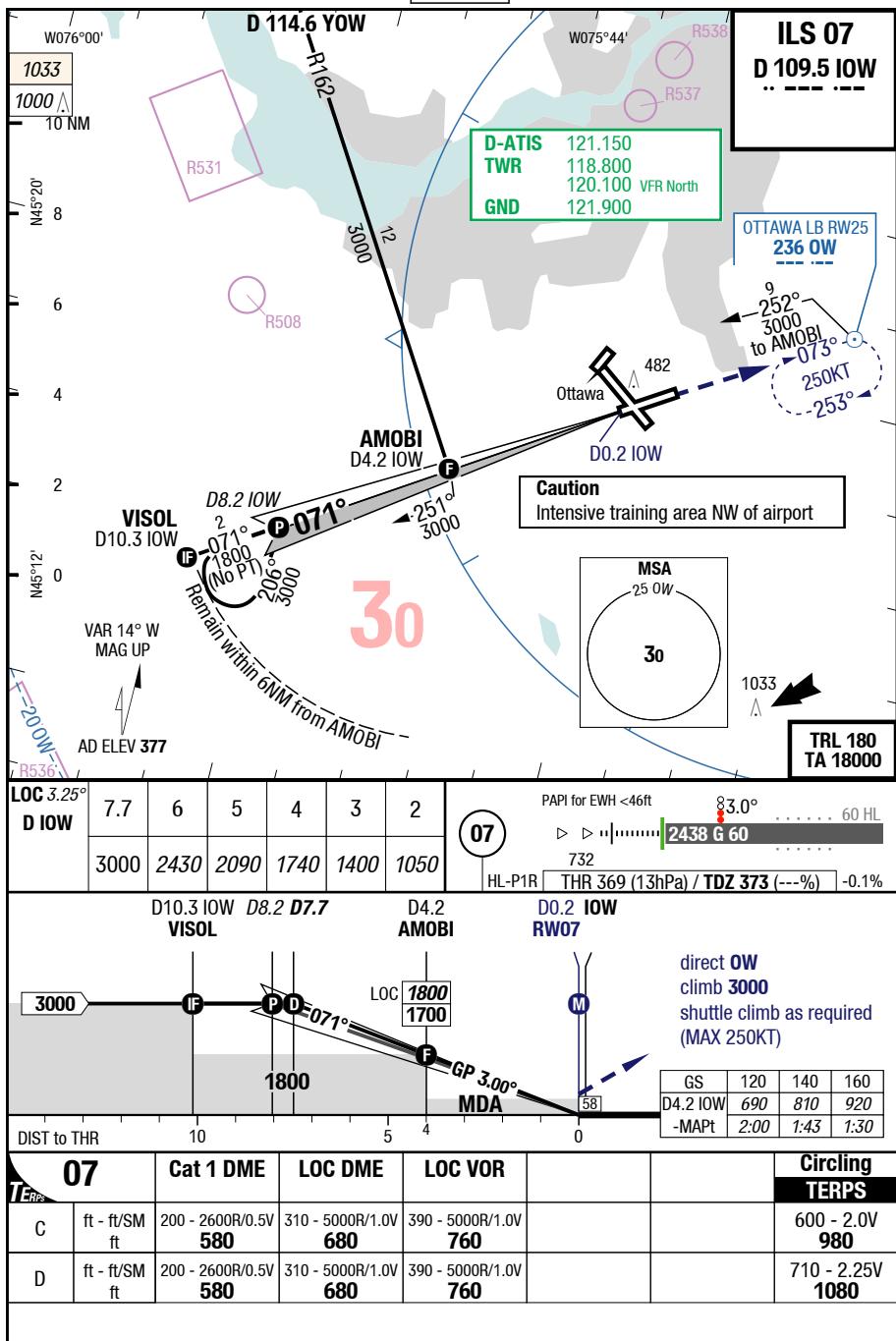
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7-10

IAC

ILS 07

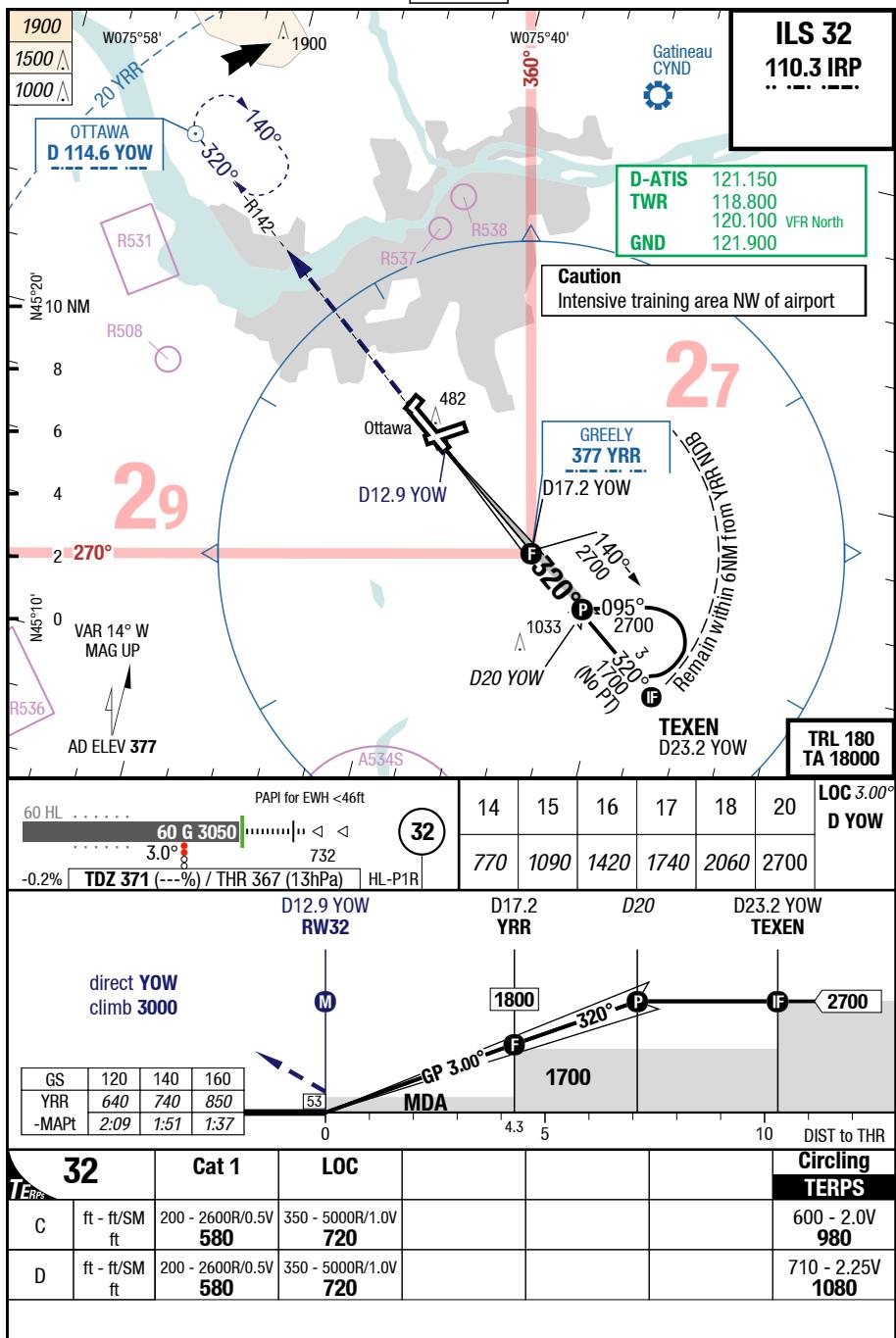


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7-20

ILS 32



Changes: OBST, SUAs

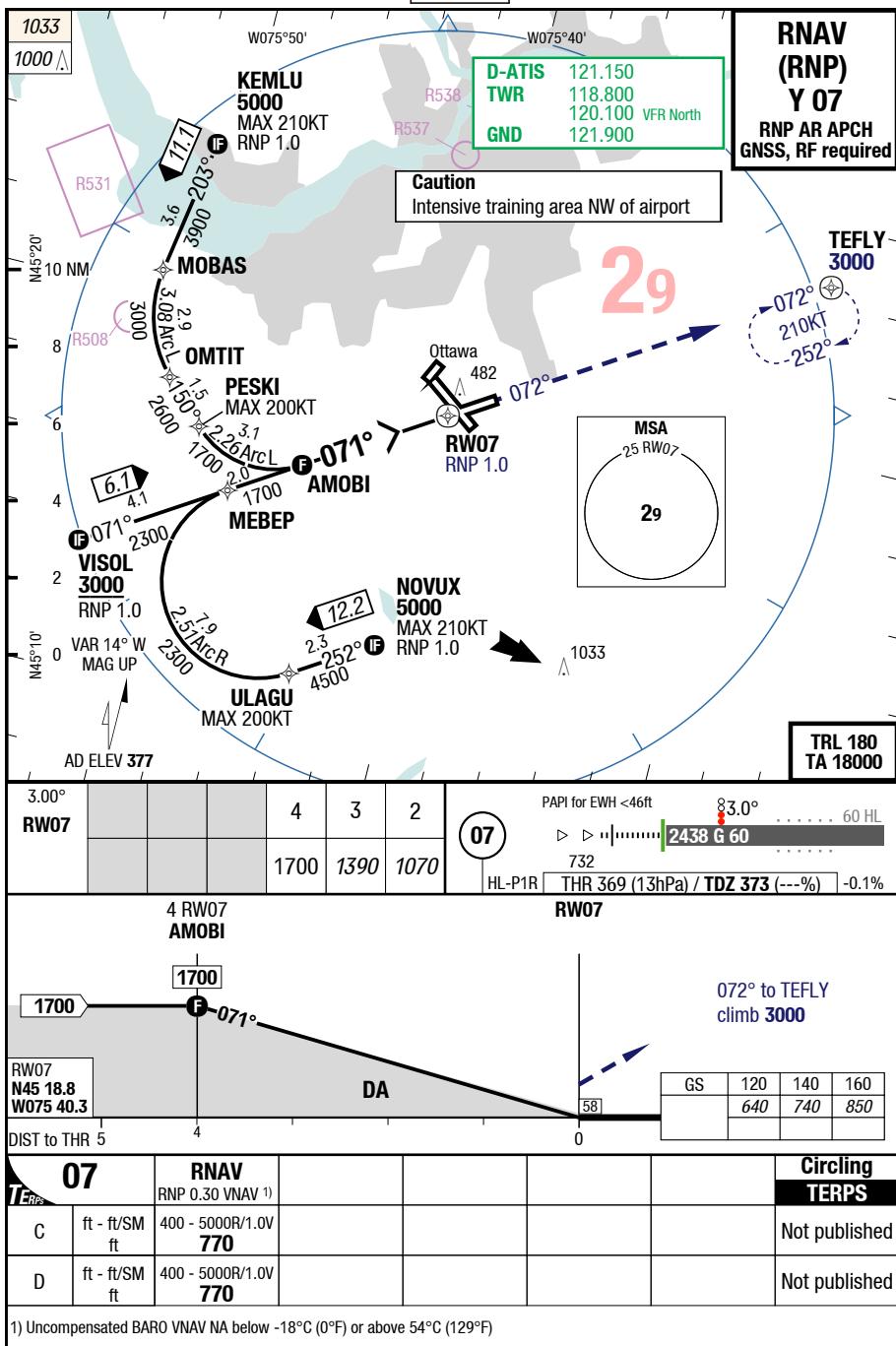
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RNAV (RNP) Y 07

IAC



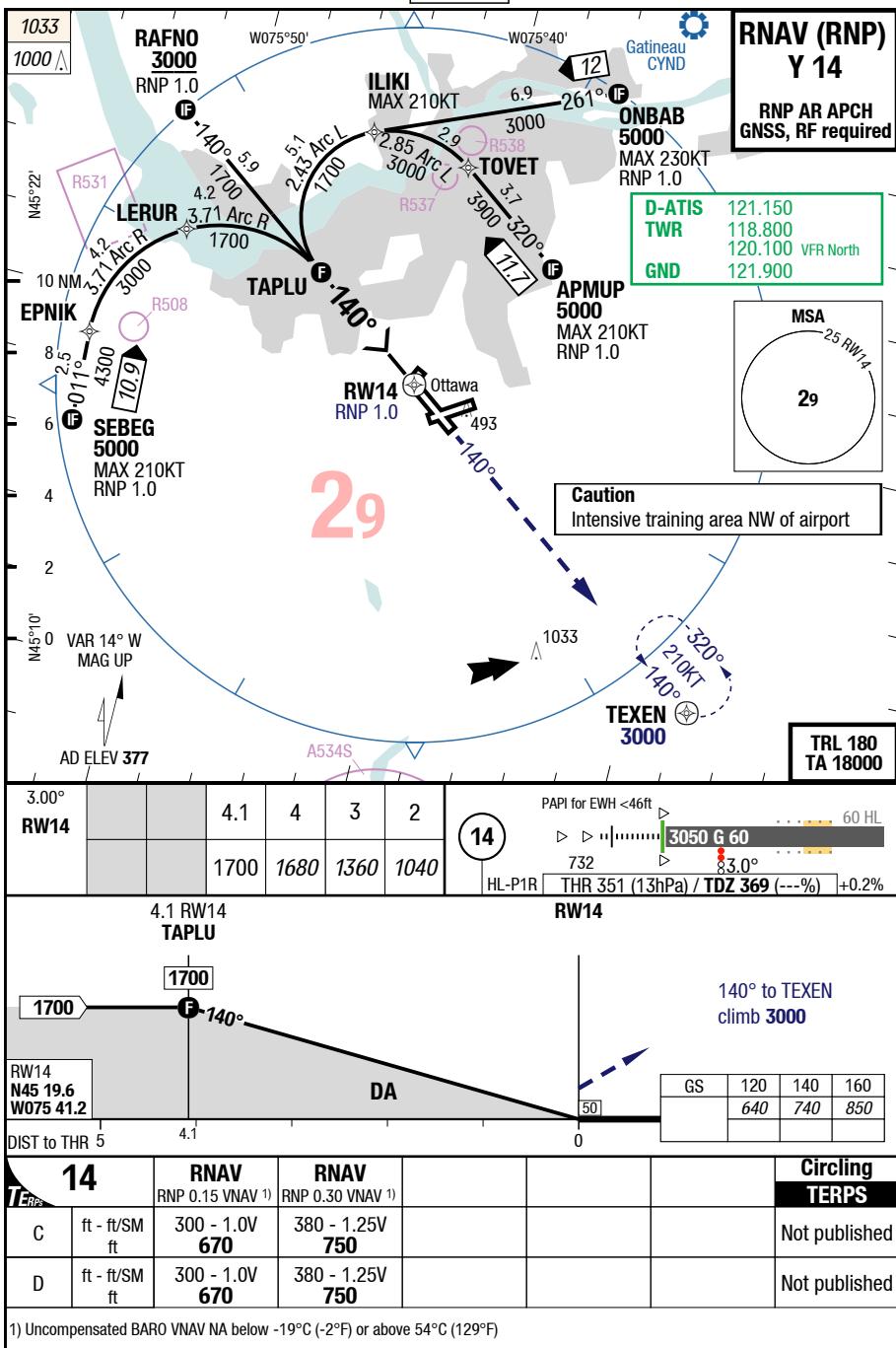
Changes: Nil

30-AUG-2018

YOW-CYOW

7-40

RNAV (RNP) Y 14

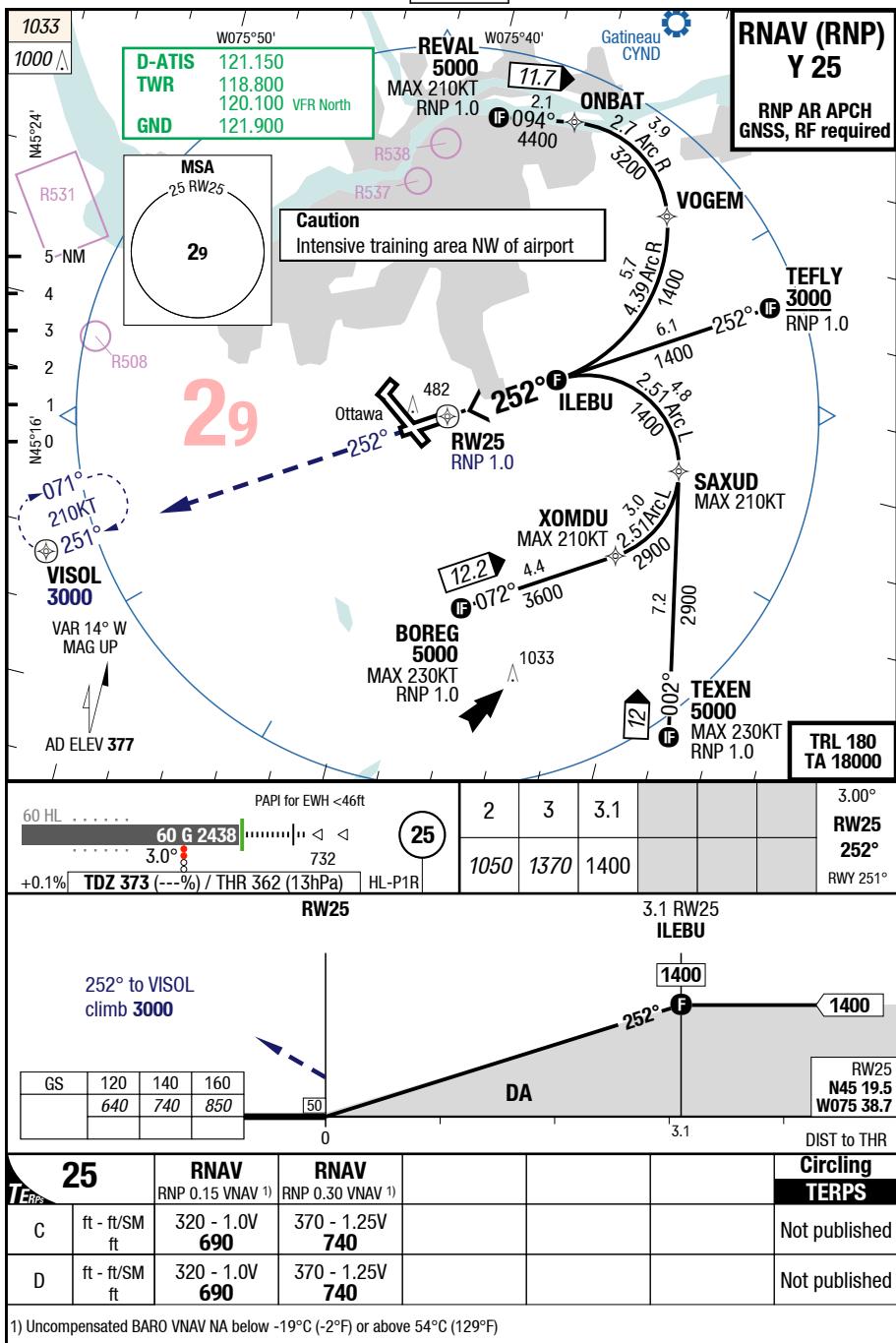


1) Uncompensated BARO VNAV NA below -19°C (-2°F) or above 54°C (129°F)

7-50

RNAV (RNP) Y 25

34



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

YOW-CYOW

7-60

RNAV (RNP) Y 32

14

RNAV (RNP) Y 32

RNP AR APCH GNSS, RF required

Caution
Intensive training area NW of airport

Waypoints:

- RAFNO 3000**: Located at the top left, with a climb gradient of 3000ft.
- D-ATIS TWR GND**: Located in the top right corner.
- ILUBO 5000 MAX 210KT RNP 1.0**: Located near the top center.
- XUKAL**: Located on the right side of the main approach arc.
- ADVOS**: Located on the far right.
- URLAG 5000 MAX 230KT RNP 1.0**: Located on the far right.
- MIXOT**: Located on the main approach arc.
- IMIPA MAX 210KT**: Located on the main approach arc.
- VODUL**: Located on the main approach arc.
- XORUX**: Located on the main approach arc.
- TEXEN 3000 RNP 1.0**: Located on the main approach arc.
- ULDAX**: Located on the main approach arc.
- DEMOKO 5000 MAX 210KT RNP 1.0**: Located on the left side.
- RAFNO 3000**: Located at the top left, with a climb gradient of 3000ft.
- Caution**: Intensive training area NW of airport.

Runway Information:

60 HL	PAPI for EWH <46ft	32	2	3	3.1			3.00°
60 G 3050	3.0°	732	1060	1380	1400			RW32
-0.2%	TDZ 371 (---%) / THR 367 (13kPa)	HL-P1R						

Runway RW32:

GS	120	140	160				RW32
	640	740	850				N45 18.6
				53			W075 39.3

Approach Data:

TERPS	32	RNAV RNP 0.10 VNAV 1)	RNAV RNP 0.15 VNAV 1)	RNAV RNP 0.30 VNAV 1)		Circling TERPS
C	ft - ft/SM ft	320 - 5000R/1.0V 690	380 - 5000R/1.0V 750	440 - 5000R/1.0V 810		Not published
D	ft - ft/SM ft	320 - 5000R/1.0V 690	380 - 5000R/1.0V 750	440 - 5000R/1.0V 810		Not published

Notes:

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

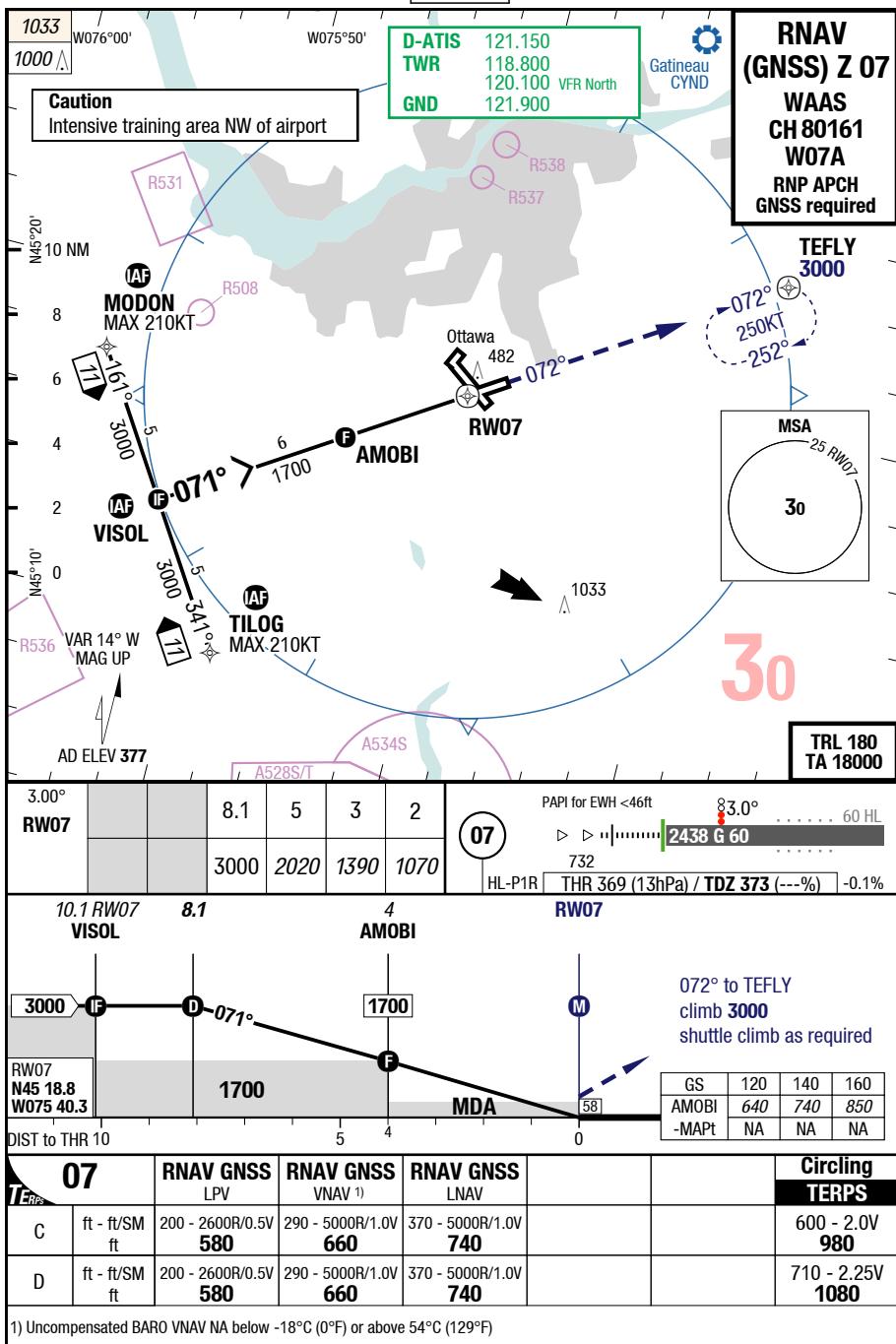
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RNAV (GNSS) Z 07



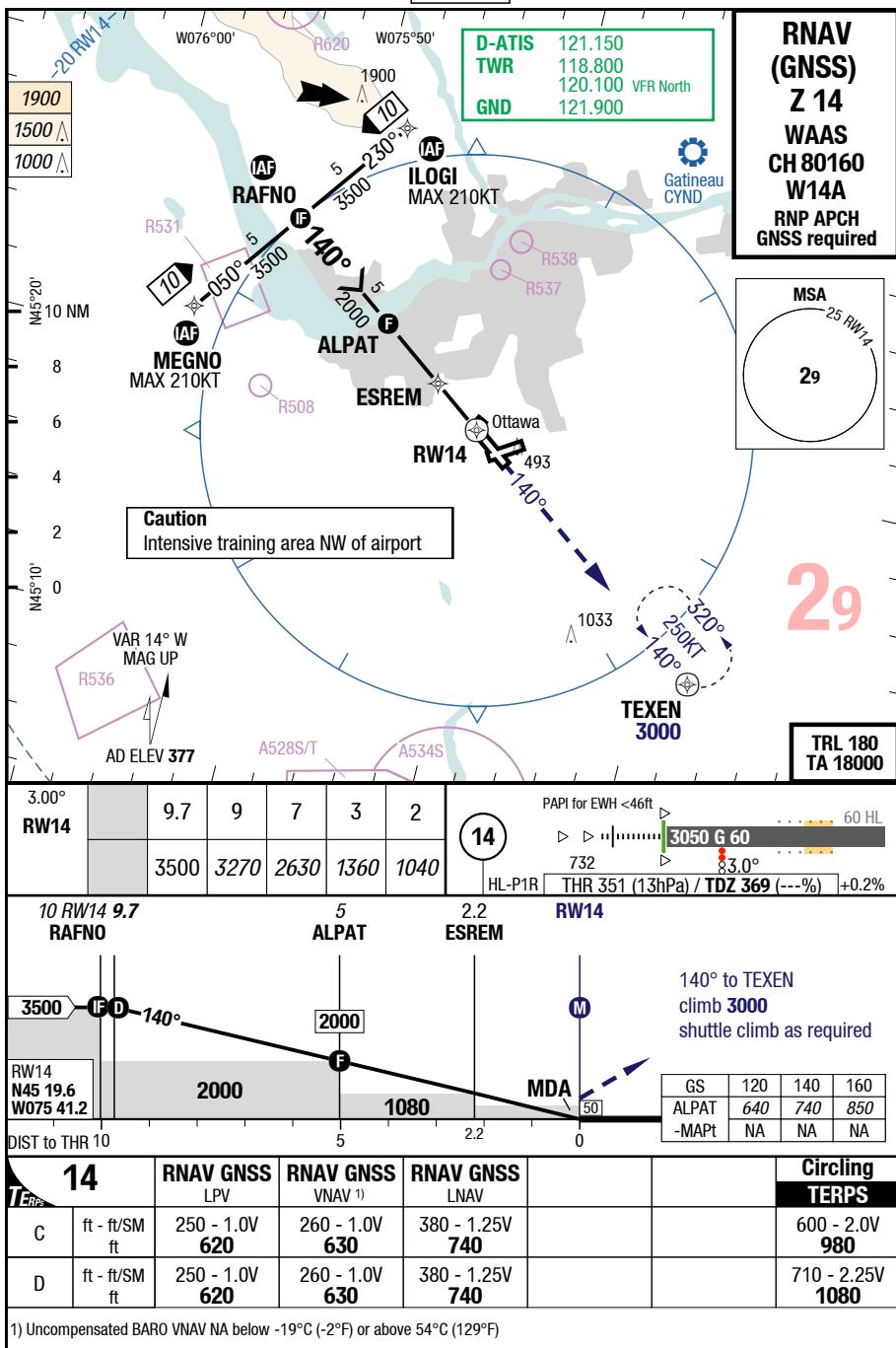
Changes: Nil

30-AUG-2018

YOW-CYOW

7-80

RNAV (GNSS) Z 14



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

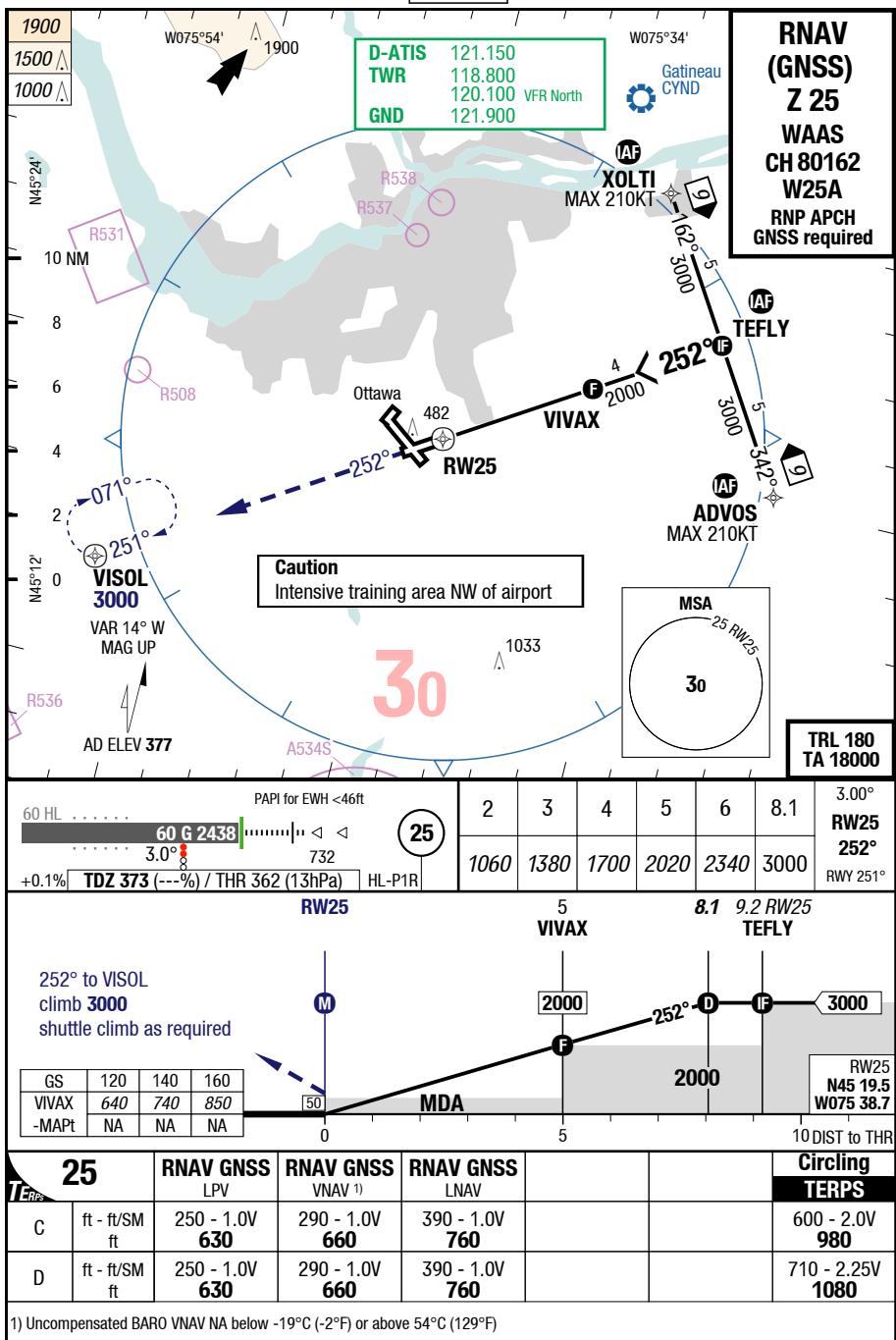
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YOW-CYOW

7-90

RNAV (GNSS) Z 25

IAC



Changes: MIN, APL, ALT, SUAs, OBST

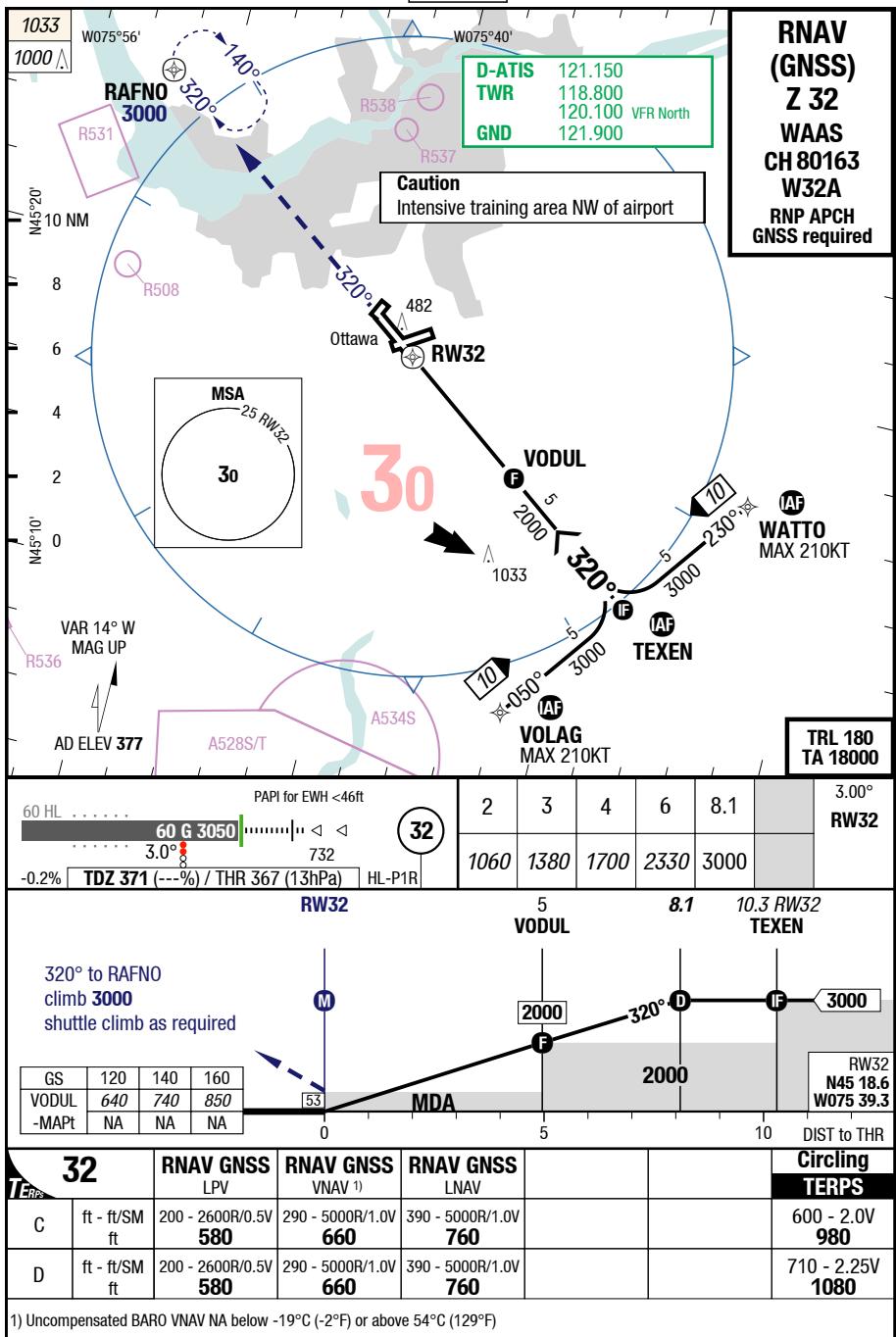
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YOW-CYOW

7-100

RNAV (GNSS) Z 32

IAC



Changes: MIN, ALT, SUAs, OBST

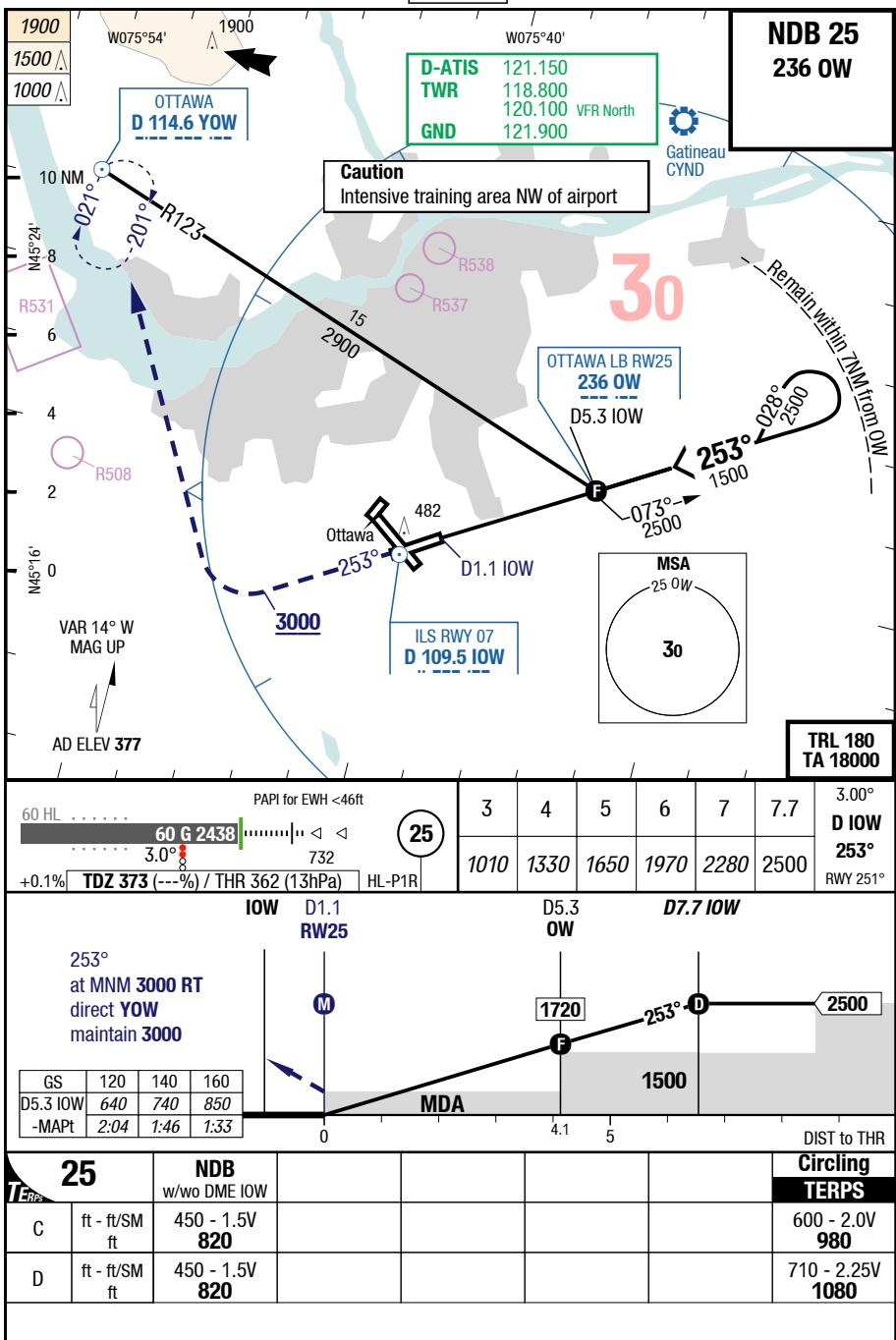
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YOW-CYOW

7-110

NDB 25

14



Changes: APL, SUAs, OBST

07-JUN-2018

YOW-CYOW

7-120

IAC

NDB 32

