

**GENERAL****Operational Hours****ATS Hours:** TWR H24**AD OPS Hours:** Not published**Airport Information****RFF:** CAT 7, CAT 8 AVBL 3HR PN**PCN:** O/R**Customs:** AOE/165 (450 with staged off-loading) 1130-0330‡**Operation****Aerodrome Level of Service**

RWY 02/20: 1200R/0.25v day only.

RWY 11/29: 600R

RWY 16/34: 1200R/0.25v

**Low Visibility Procedure**

ARR and DEP below RVR 600ft not authorized.

RVR less than 1200ft to 600ft:

- Follow-me AVBL O/R.
- RWY 11/29 only RWY for TKOF and LDG.
- Intersection TKOF not authorized.

**Taxi/Parking**

APN 1: ACFT with wingspan of 52m / 171ft or more but less than 65m / 213ft shall access APN 1 via TWY G only, restricted to Gate 1.

Code E ACFT access APN via TWY G only. Gates 1 and 2 only.

APN 2 MAX wingspan 52m / 171ft.

**Engine Run-up Areas**

ENG run-ups above idle power prohibited on APN 2.

**Warnings**

Radiosonde balloon launches with an ascent rate of 1000ft/min daily between 1115-1345‡ and 2315-0145‡.

Open pit blasting OPS 11NM SW to 1000ft ASL.

TWY K uncontrolled.

Birds in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

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

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

## ARRIVAL

## Arrival Procedure

**Non-standard GP intercept position on****RWY 11**

GP intercepts RWY 11 at 320m / 1049ft after landing threshold.

Remaining DIST beyond GP is 2271m / 7453ft.

**RWY 16**

GP intercepts RWY 16 at 308m / 1011ft after landing threshold.

Remaining DIST beyond GP is 1827m / 5994ft.

## Warnings

**Weather condition**

No LDG AUTH without electronic GP or vertical guidance capability when moderate to severe turbulence/windshear/downdrafts being reported.

## DEPARTURE

**Take-off Minima**

RWY		11/29, 16	
All ACFT	ft - ft/SM	0 - 2600R/0.5V	-
RWY		02	
All ACFT	ft - ft/SM	0 - 0.5V	-
RWY		34	
All ACFT	ft - ft/SM	0 - 0.5V	MNM climb gradient 4.5% up to 1000
RWY		20	
All ACFT	ft - ft/SM	0 - 0.5V	MNM climb gradient 5.0% up to 900

## Communication

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

If 10min or less after TKOF in IMC;

- Upon reaching last assigned ALT proceed directly on course;
- Maintain last assigned ALT for 10min after TKOF; then
- Climb to flight planned ALT, except in case of Trans Atlantic DEP, climb to ALT specified in the Oceanic CLR.

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

**DEPARTURE****Departure Procedure****DEP Note**

RWY 29: Hill left of CL 1000ft after DEP end of RWY, 599ft ASL.

RWY 34: Hill left of CL 2000ft after DEP end of RWY, 599ft ASL.

**De-Icing**

- Contact ICEMAN on 129.200 30min prior to push-back.
- Contact GND after push-back for taxi to CDF.
- Hold short of CDF.
- Exercise discretion at all times while on CDF. Directional signage and taxi lines on the CDF must be followed at all times.
- Upon completion, advice ICEMAN that all equipment and de-icing personnel are away from the ACFT and have returned to their designated safety zones.
- Hold position until GND issues further taxi instructions from the CDF.

**Note:** ACFT intending on returning to any APN after de-icing must drip dry for 25min on CDF.

ACFT with wingspan 52m /170ft or more shall access De-Icing Center via TWY G only.

De-Icing Bay 3 MAX wingspan 79m / 262ft.

Effective 07-DEC-2017

30-NOV-2017

YYT-CYYT

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AGC

AFC

AFC

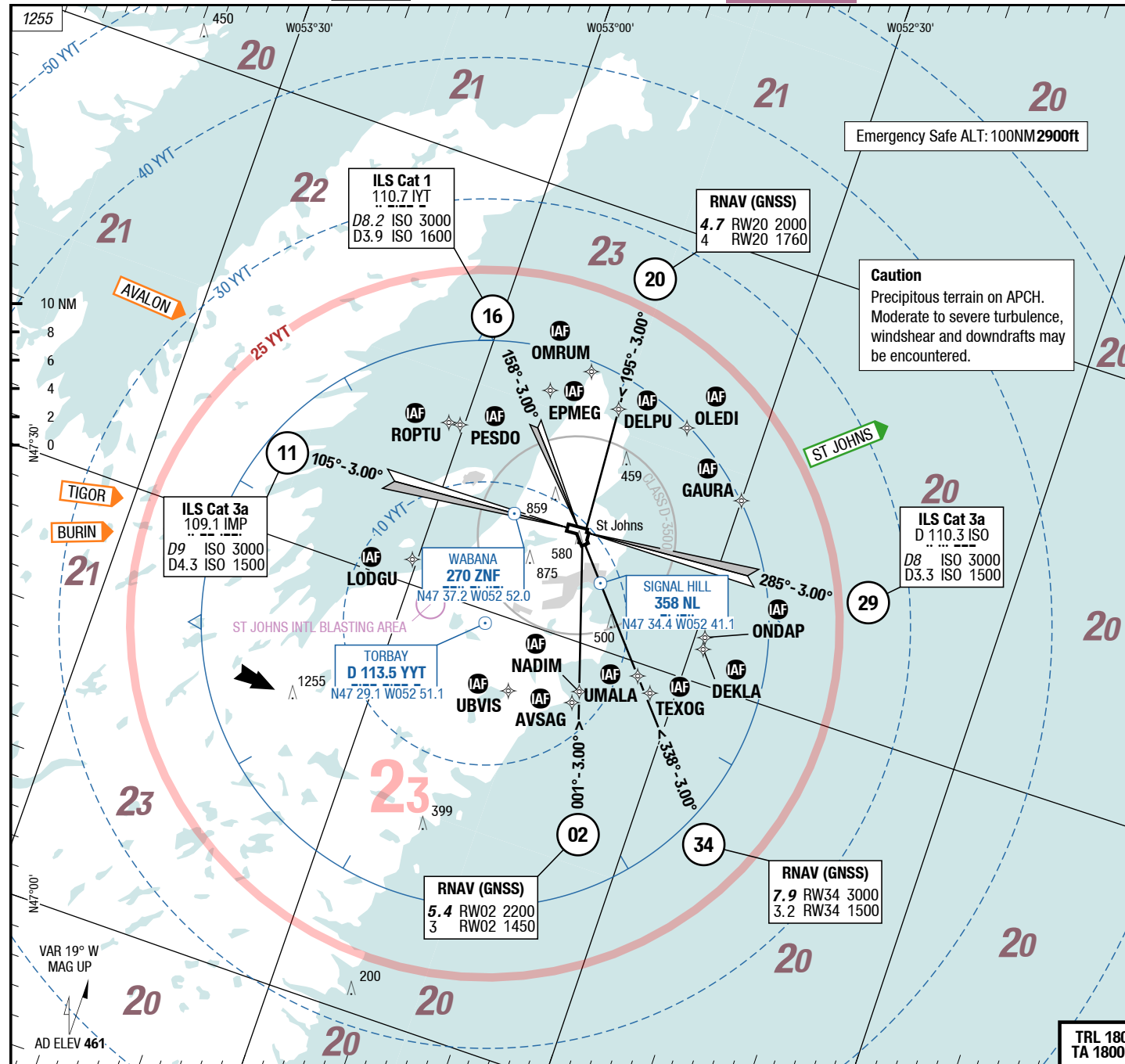
AFC

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2-10



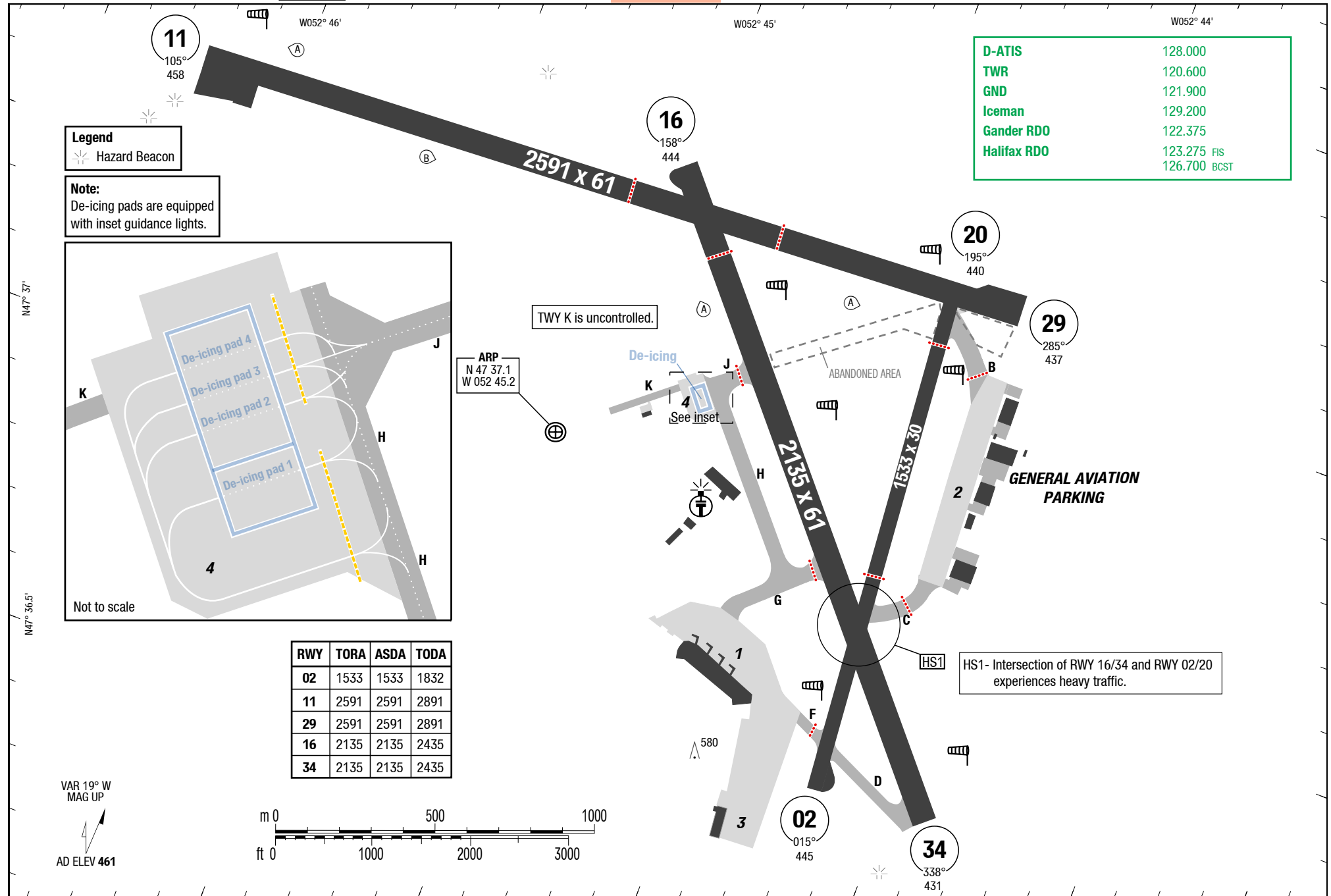
D-ATIS	128.000
Gander Center	133.150
TWR	120.600
GND	121.900
Gander RDO	122.375
Halifax RDO	123.275 FIS
	126.700 BCST

#### Landing RWY system:

PAPI for EWH <26ft		83.0°	60 HL
02	1533 x 30		
THR 445 (16hPa) / TDZ 445 (---%)		-0.1%	
PAPI for EWH <26ft		83.0°	60 HL
20	30 x 1533		
+0.1% TDZ 440 (---%) / THR 440 (16hPa)			
PAPI for EWH <46ft		83.0°	60 HL
11	2591 x 61		15 HL
HL-P2F 458 / 17hPa TDZ ---% -0.2%			
PAPI for EWH <46ft		83.0°	60 HL
29	61 x 2591		15 HL
+0.2% TDZ ---% 437 / 16hPa			
PAPI for EWH <46ft		83.0°	60 HL
16	2135 x 61		15 HL
HL-P1R 444 / 16hPa TDZ ---% -0.2%			
PAPI for EWH <46ft		83.0°	60 HL
34	61 x 2135		15 HL
+0.2% TDZ ---% 431 / 16hPa			

TRL 180  
TA 18000

Changes: PROC, WPT, ALT, HLDG



Effective 10-NOV-2016

03-NOV-2016

YYT-CYYT

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NIL

3-30

LVC RWY 11/29 RVR 1200ft to 600ft

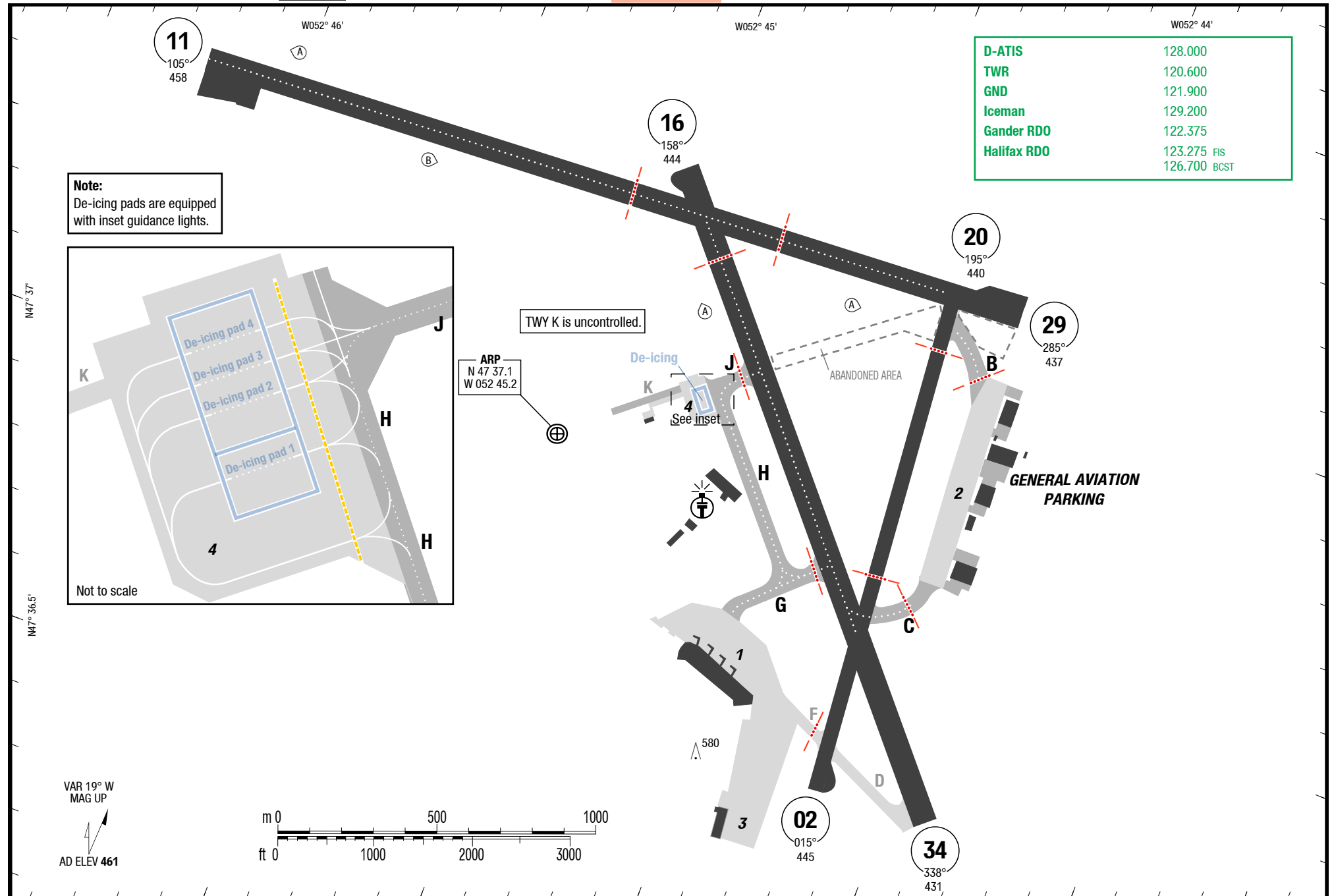
LVC

LVC

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NIL

LVC RWY 11/29 RVR 1200ft to 600ft



Changes: APN, HLDG POS, TWY

Effective 07-DEC-2017

30-NOV-2017

YYT-CYYT

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NIL

SID

SID

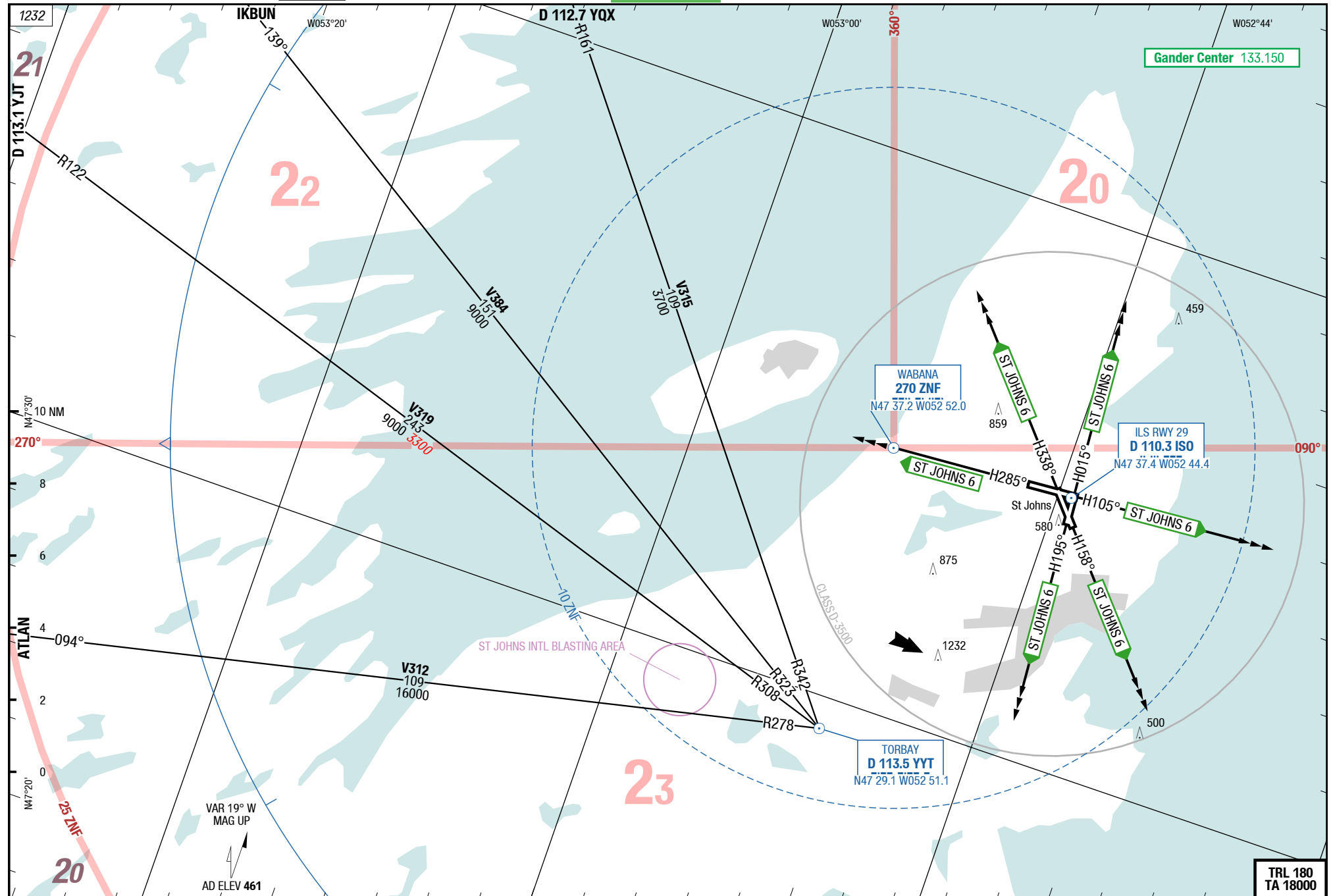
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NIL

ST JOHNS 6 (CYYT 6)

4-10

ST JOHNS 6 (CYYT 6)



Changes: MSA, PROC renumbered, AWY

TRL 180  
TA 18000

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**ST JOHNS 6**

RWYs 02 (015°) / 11 (105°) / 16 (158°) / 20 (195°) / 29 (285°) / 34 (338°)

	GS	120	150	180	210	240	270
4.5%	ft/MIN	600	700	900	1000	1100	1300
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
<b>ST JOHNS 6</b> <b>133.150</b>		<b>initial climb 5000</b>
<b>RWY 02</b>	RWY HDG for vectors	
<b>RWY 11</b>	RWY HDG for vectors	
<b>RWY 16</b>	RWY HDG for vectors	
<b>RWY 20</b> 5% to 900	RWY HDG for vectors	
<b>RWY 29</b>	RWY HDG for vectors	
<b>RWY 34</b> 4.5% to 1000	RWY HDG for vectors	



DEPARTURES								
		GS	120	150	180	210	240	270
	4.5%	ft/MIN	600	700	900	1000	1100	1300
	5.0%	ft/MIN	700	800	1000	1100	1300	1400
RWY		Routing						
20		Departure: climb MNM 5% (300ft/NM) to <b>900</b>						
34		Departure: climb MNM 4.5% (270ft/NM) to <b>1000</b>						
RWY		Notes						
20		Trees to 484 ASL aprx 0.1NM past DER, 250ft right of centerline.						
29		Trees to 518 ASL aprx 450ft past DER, 500ft left of centerline.						
34		Trees to 457 ASL aprx 50ft past DER, 500ft right of centerline. Trees to 498 ASL aprx 450ft past DER, 500ft left of centerline.						

01-MAR-2018

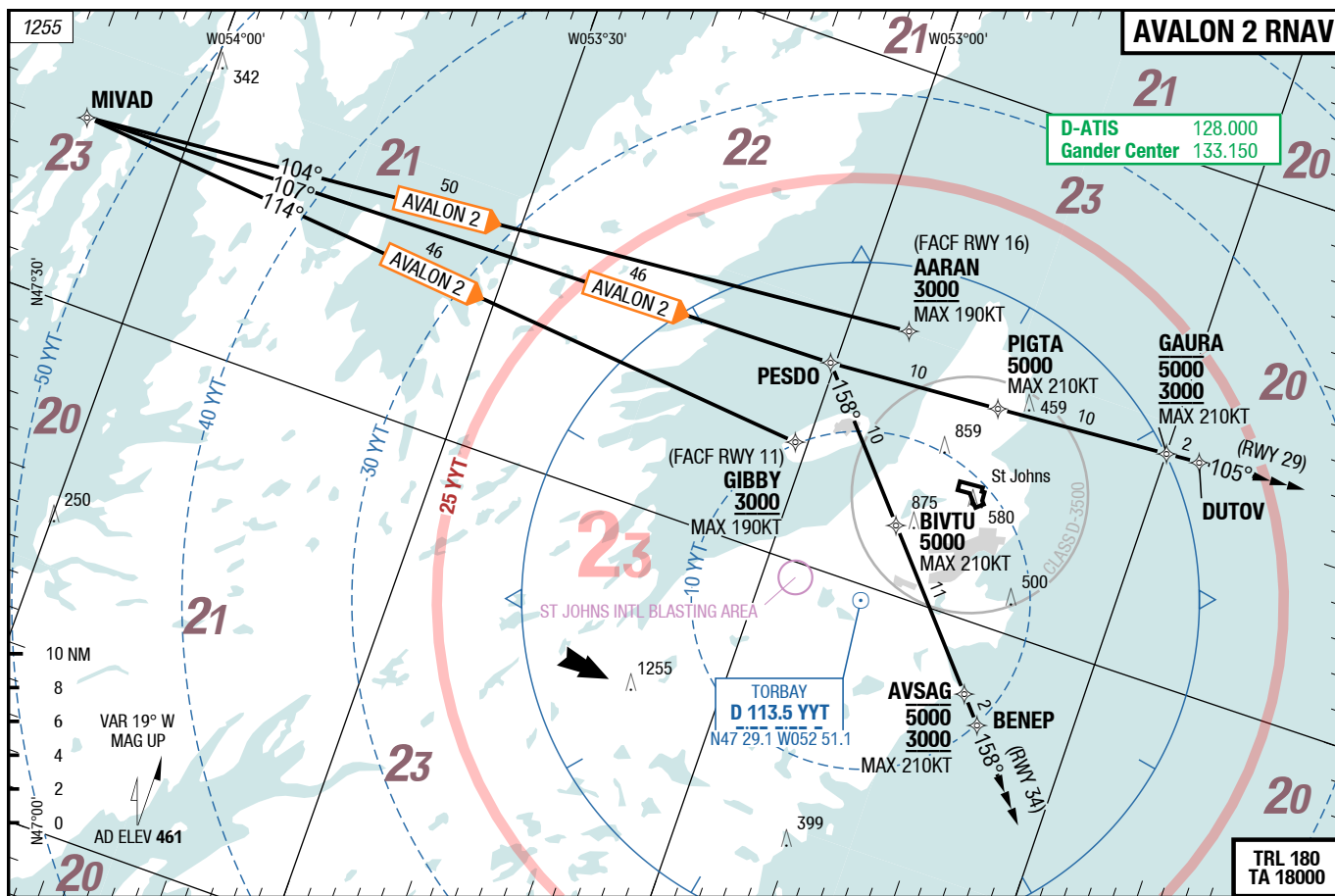
YYT-CYYT

6-10

AVALON 2 RNAV

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STAR



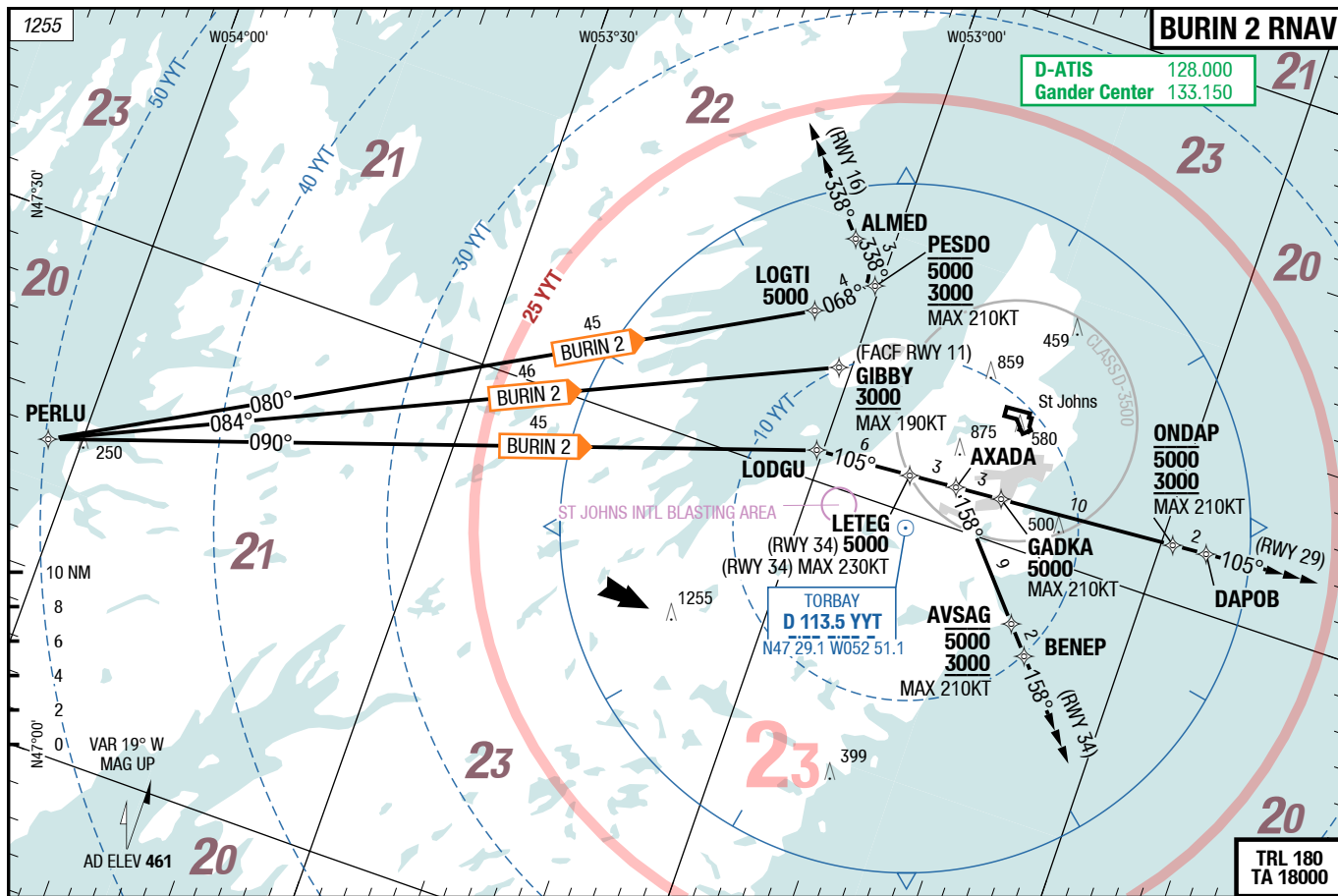
01-MAR-2018  
YT-CYT

6-20

BURIN 2 RNAV

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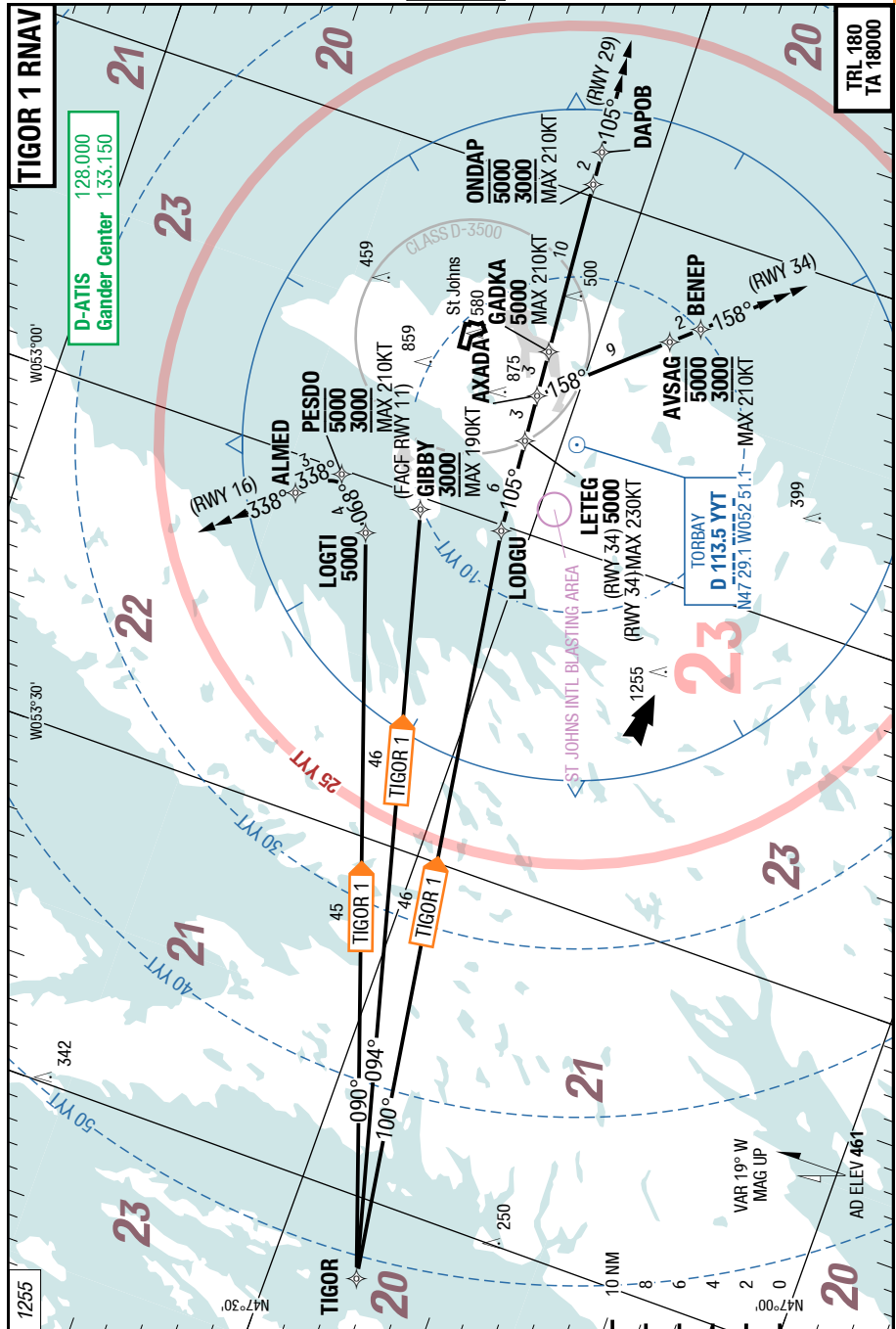
STAR



YYT-CYYT

6-30

TIGOR 1 RNAV



Changes: new

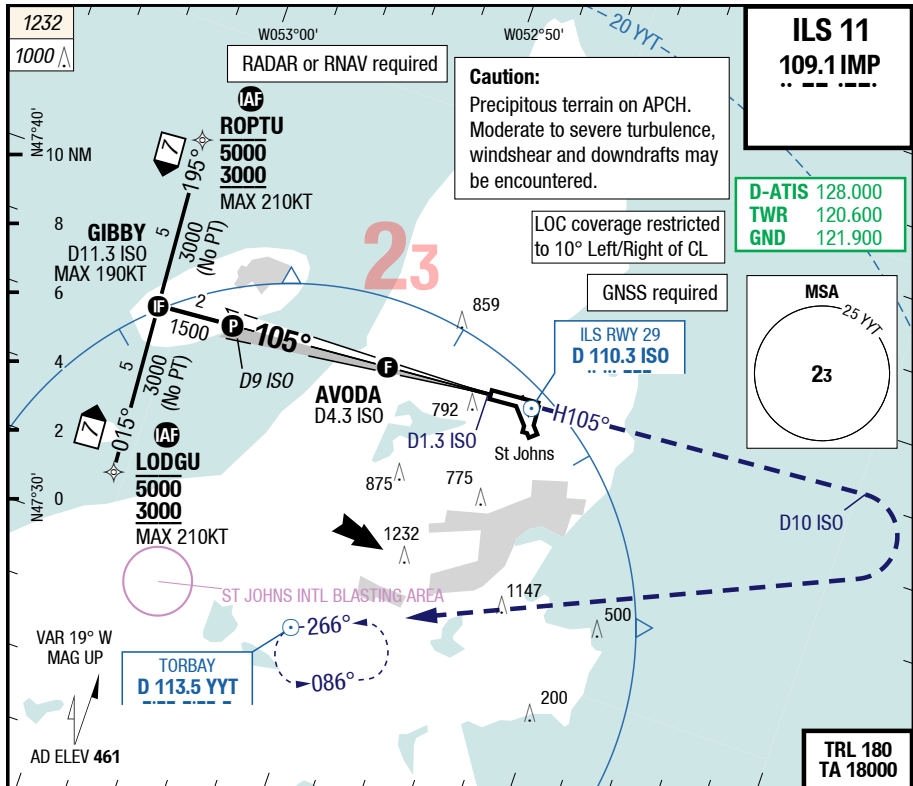
06-SEP-2018

YYT-CYYT

7-10

ILS 11

IAC



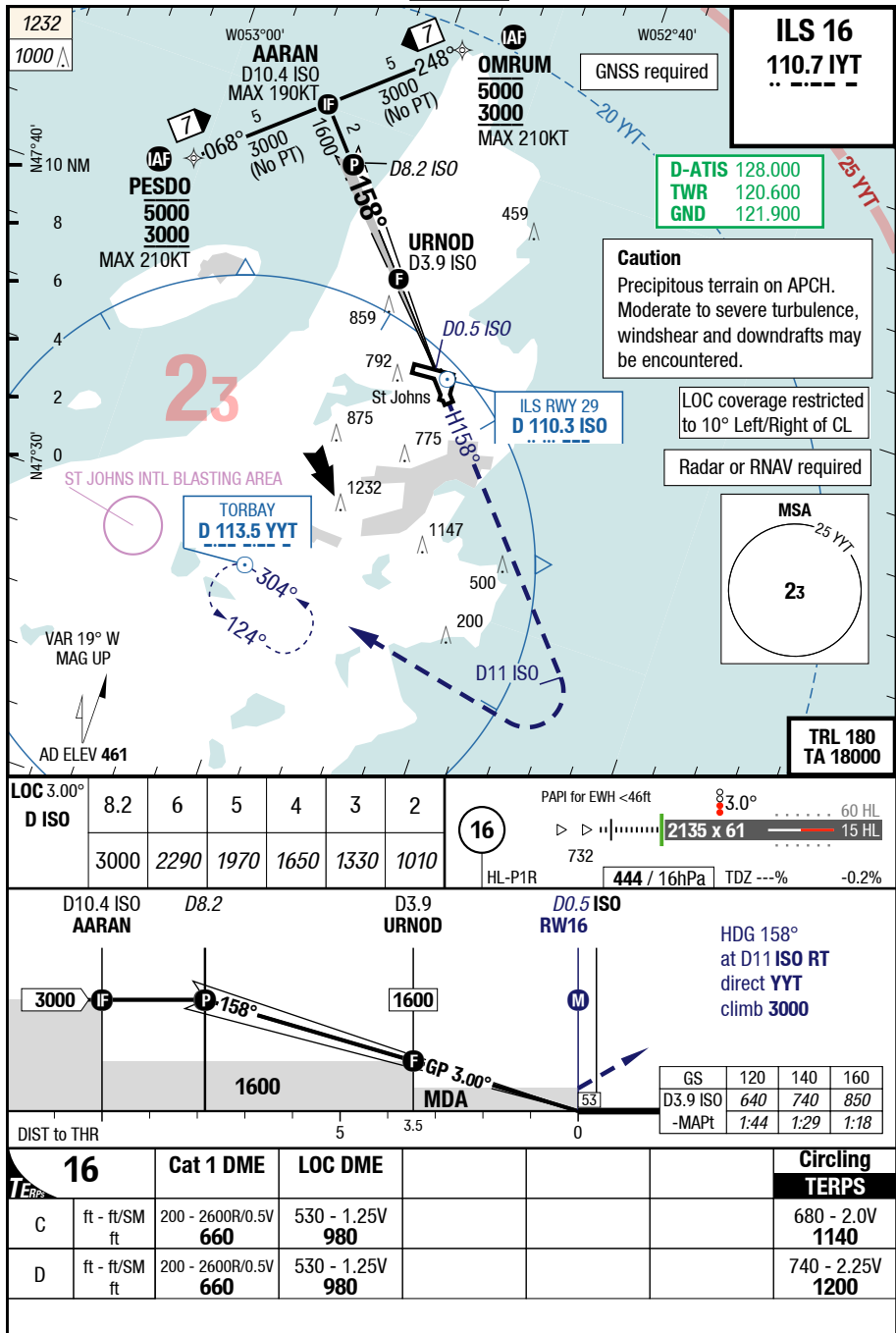
11		Cat 3a DME	Cat 2 DME	Cat 1 DME	LOC DME	Circling TERPS	
C	ft - ft/SM	0 - 700R Company	110 - 1200R 129 RA	200 - 2600R/0.5V 670	500 - 5000R/1.0V 960	680 - 2.0V	1140
	ft - ft/SM	0 - 700R Company	110 - 1200R 129 RA	200 - 2600R/0.5V 670	500 - 5000R/1.0V 960	740 - 2.25V	1200

Changes: HLDG

YYT-CYYT

7-20

ILS 16

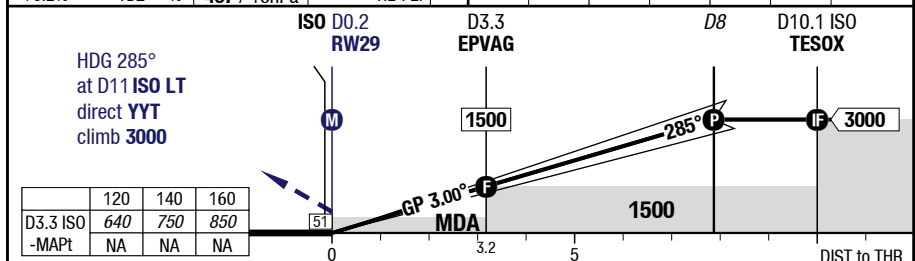
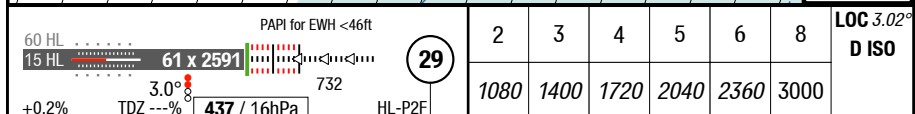
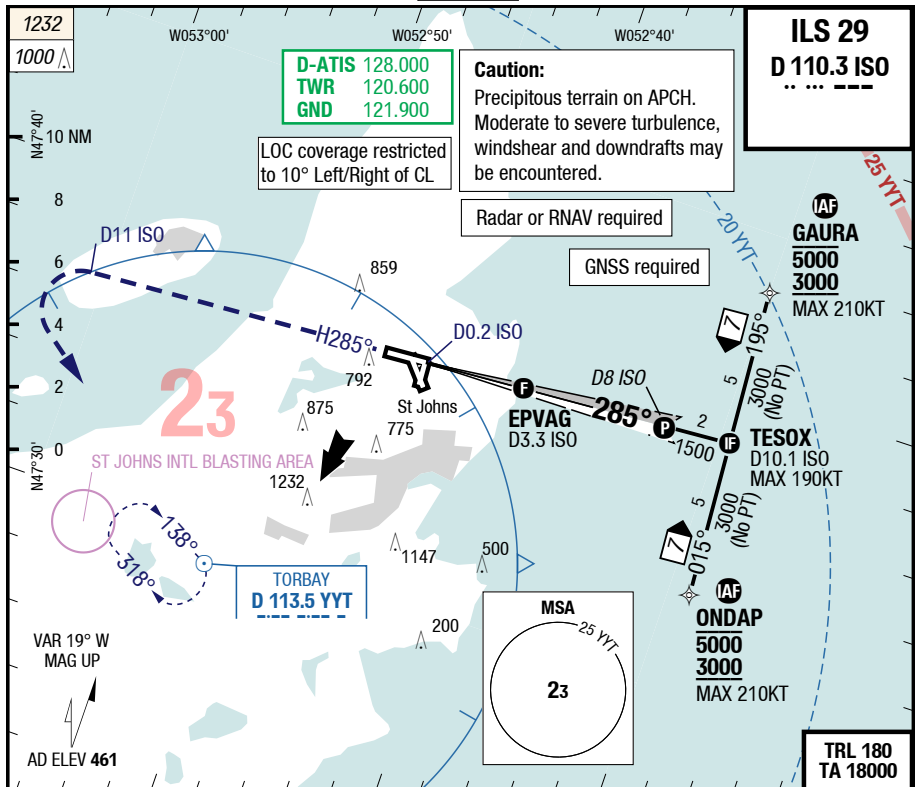


Changes: HLDG, DIST

YYT-CYYT

7-30

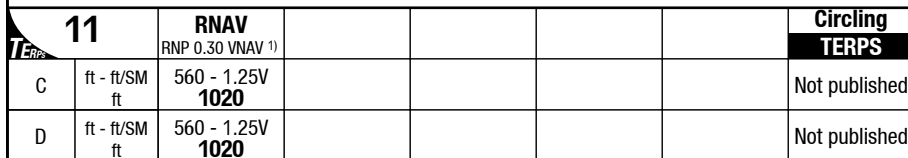
ILS 29



<b>29</b>		<b>Cat 3a DME</b>	<b>Cat 2 DME</b>	<b>Cat 1 DME</b>	<b>LOC DME</b>	<b>Circling TERPS</b>
<b>T<sub>Enr</sub></b>						
C	ft - ft/SM ft	0 - 700R <b>Company</b>	110 - 1200R <b>138 RA</b>	200 - 2600R/0.5V <b>650</b>	360 - 5000R/1.0V <b>800</b>	680 - 2.0V <b>1140</b>
D	ft - ft/SM ft	0 - 700R <b>Company</b>	110 - 1200R <b>138 RA</b>	200 - 2600R/0.5V <b>650</b>	360 - 5000R/1.0V <b>800</b>	740 - 2.25V <b>1200</b>

Changes: HLDG, DIST

## 7-50



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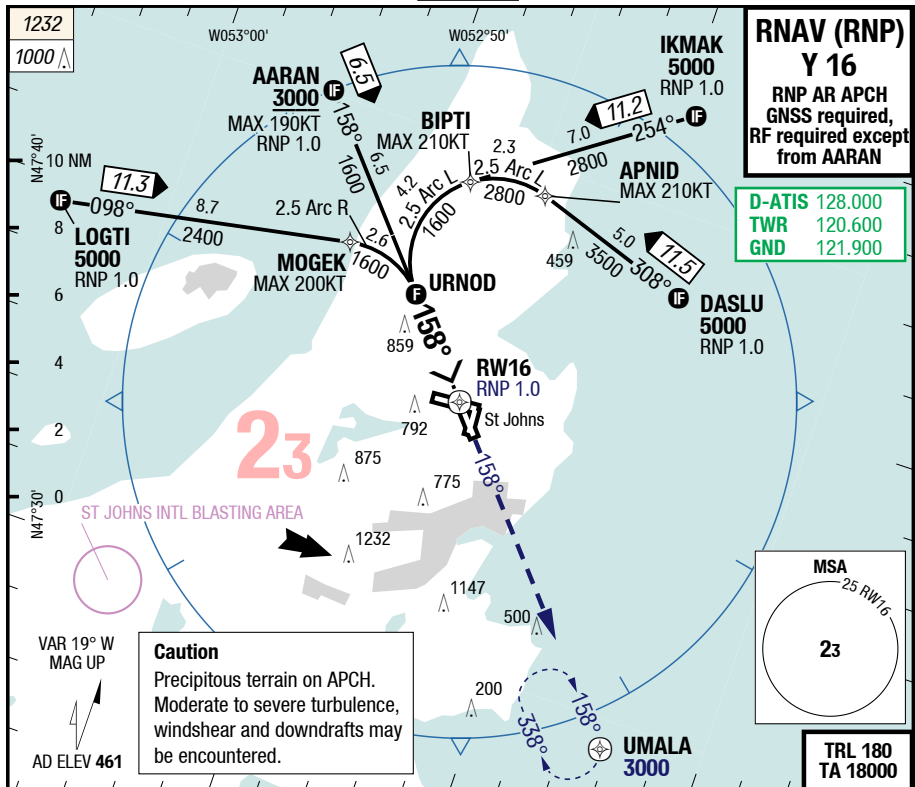
30-NOV-2017

YYT-CYYT

7-60

RNAV (RNP) Y 16

IAC



16		RNAV	RNAV	Circling	
		RNP 0.15 VNAV 1)	RNP 0.30 VNAV 1)	TERPS	
C	ft - ft/SM ft	310 - 5000R/1.0V <b>760</b>	380 - 5000R/1.0V <b>830</b>	Not published	
D	ft - ft/SM ft	310 - 5000R/1.0V <b>760</b>	380 - 5000R/1.0V <b>830</b>	Not published	

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

Changes: new

Effective 07-DEC-2017

30-NOV-2017

YYT-CYYT

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RNAV (RNP) Y 34

RNAV (RNP) Y 29

IAC

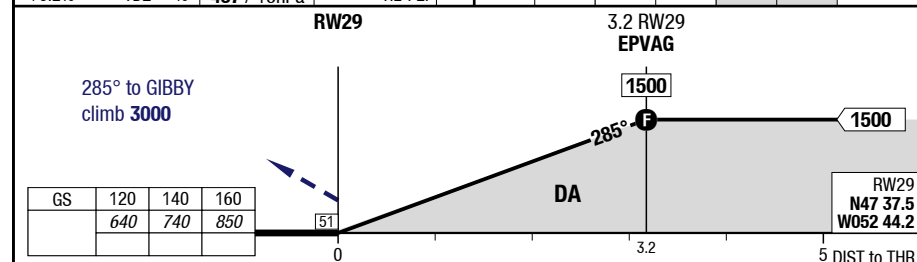
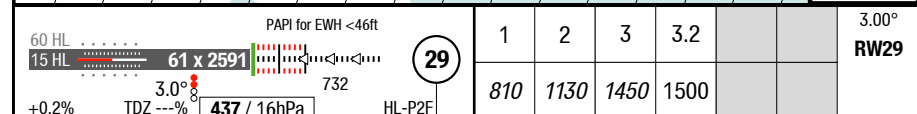
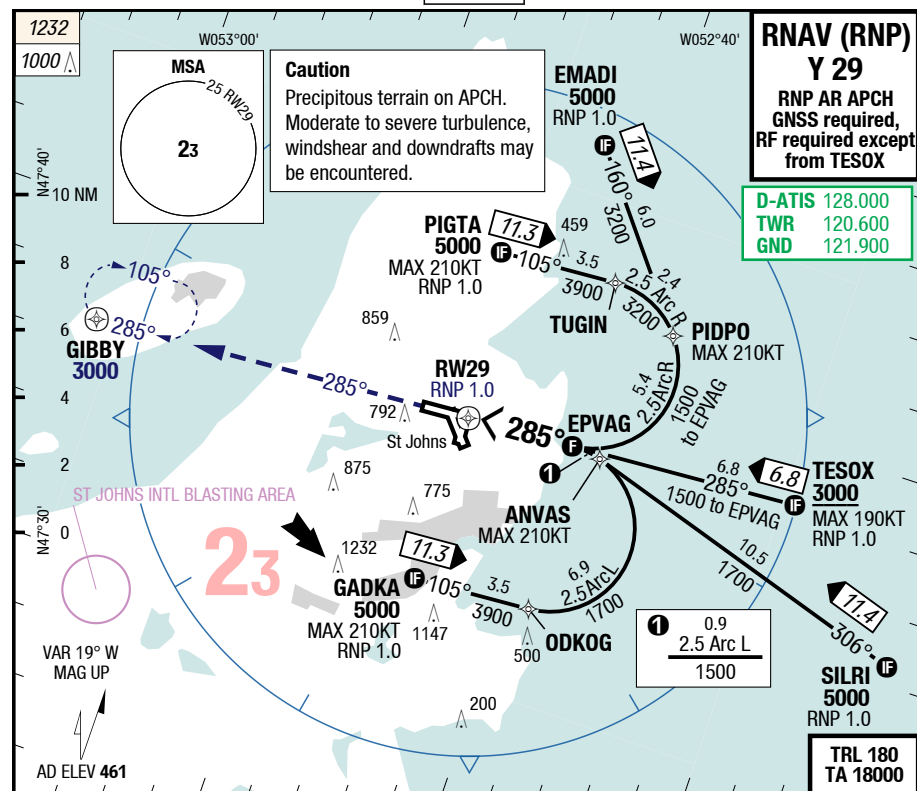
IAC

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RNAV (RNP) Y 34

RNAV (RNP) Y 29

7-70



29		RNAV					Circling
		RNP 0.30 VNAV 1)					TERPS
C	ft - ft/SM	320 - 5000R/1.0V					Not published
D	ft - ft/SM	320 - 5000R/1.0V					Not published

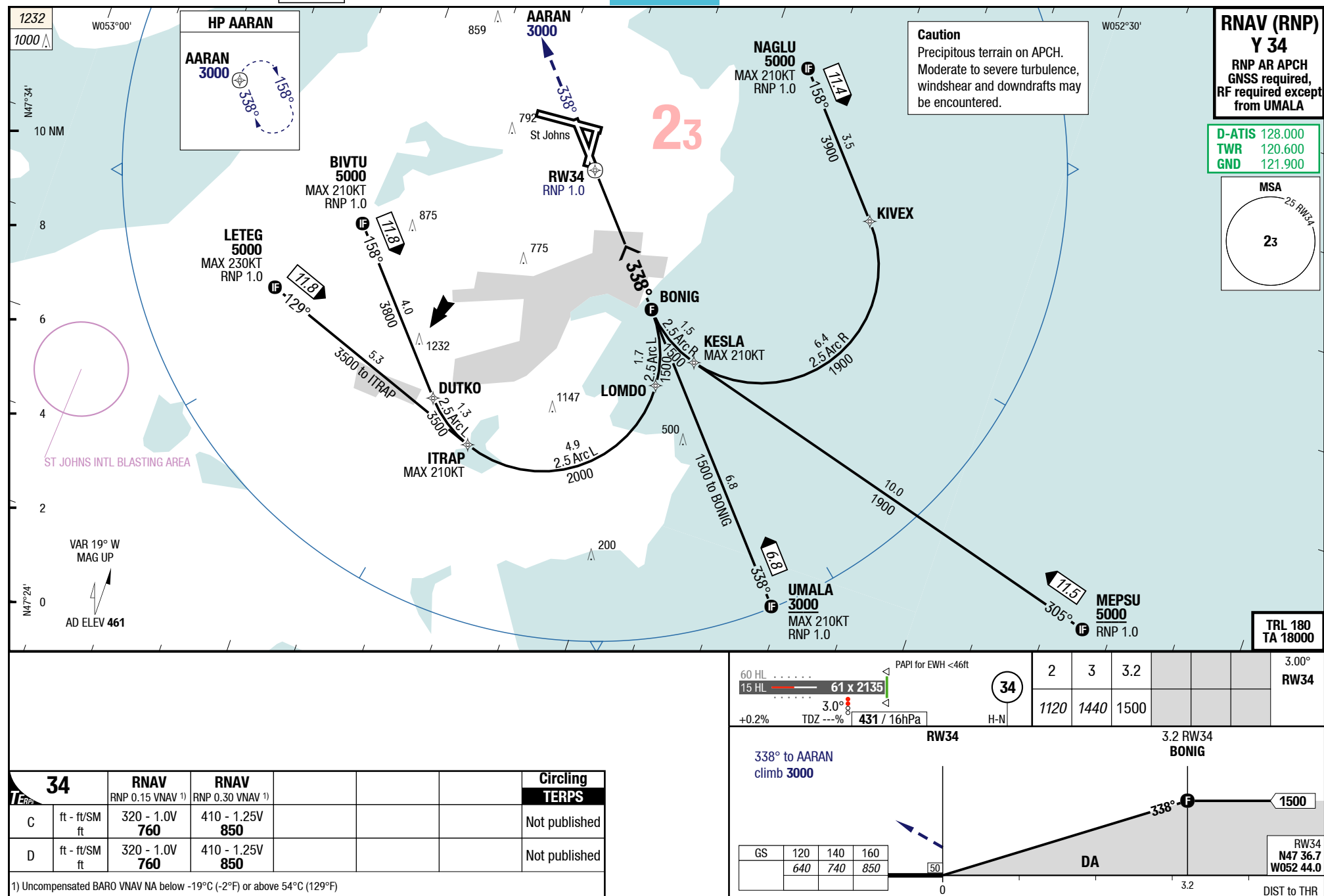
1) Uncompensated BARO VNAV NA below -19°C (-2°F) or above 54°C (129°F)

Changes: new

7-80

RNAV (RNP) Y 34

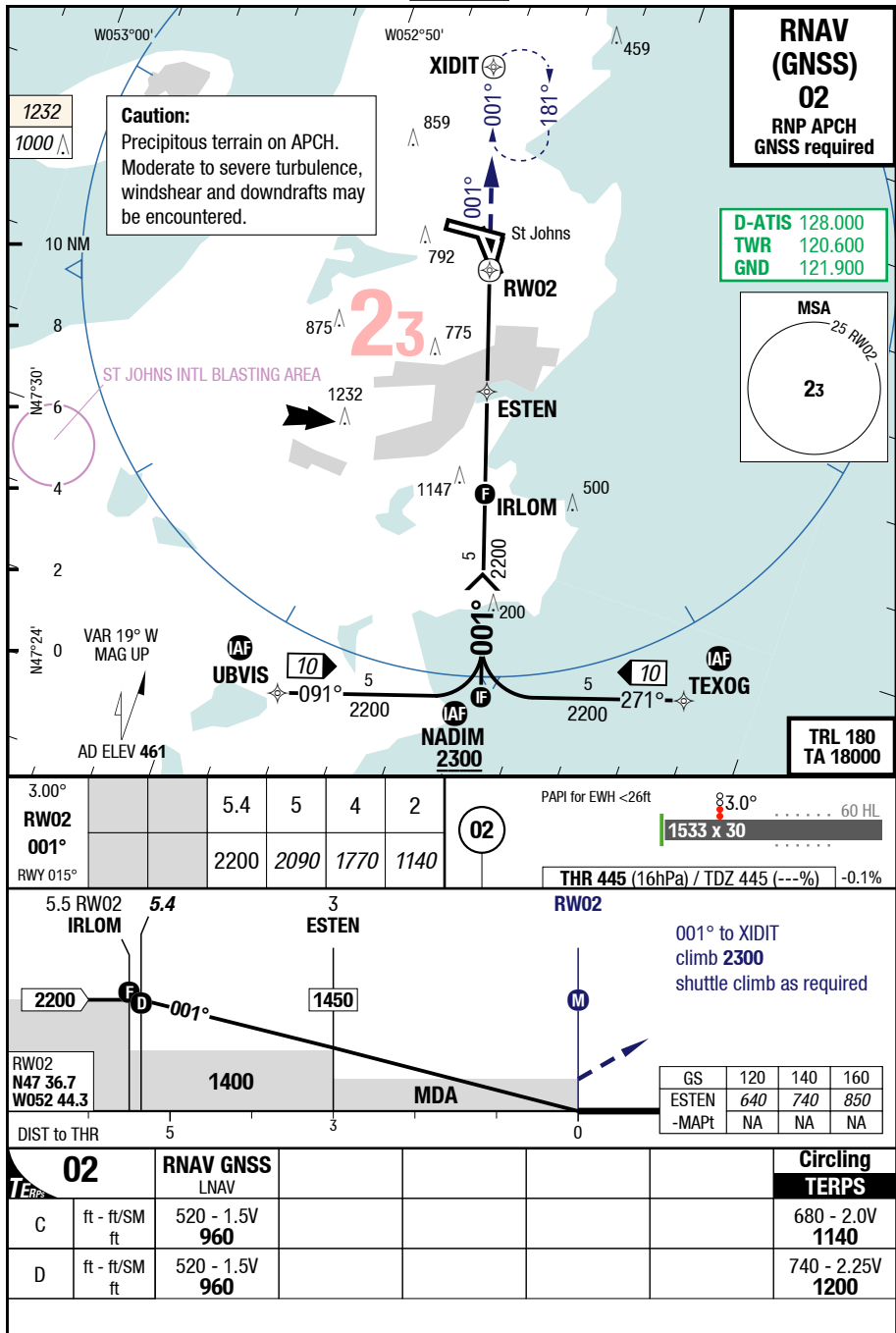
RNAV (RNP) Y 34



YYT-CYYT

7-90

RNAV (GNSS) 02

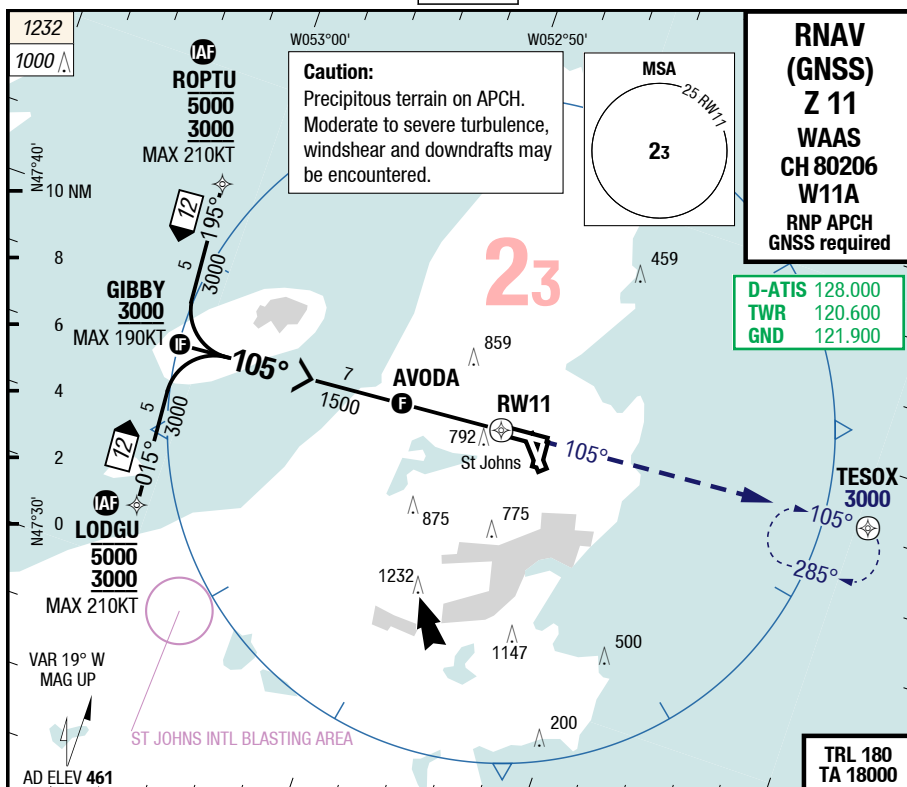


Changes: MIN

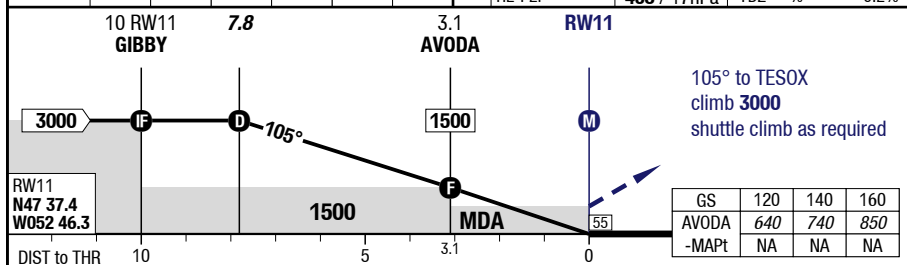
YYT-CYYT

7-100

RNAV (GNSS) Z 11



3.00° RW11	7.8	6	5	4	3	2	PAPI for EWH <46ft			3.0°	60 HL
	3000	2430	2110	1790	1470	1150	2591 x 61			15 HL	
							732				
							HL-P2F	458 / 17hPa	TDZ ---%	-0.2%	



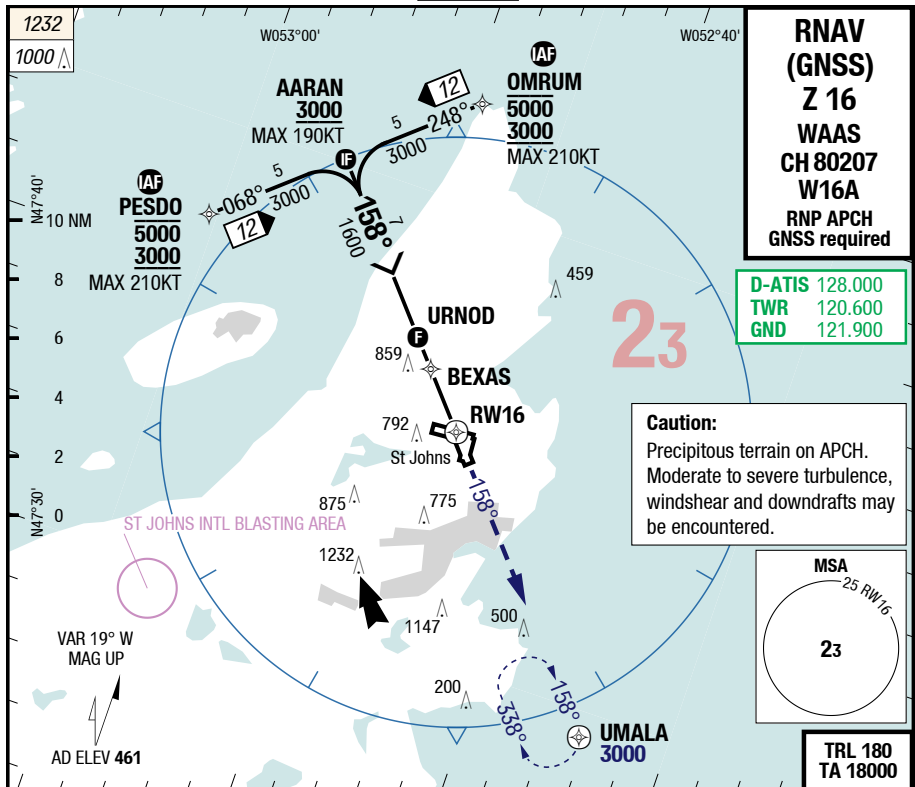
11	RNAV GNSS LPV	RNAV GNSS VNAV 1)	RNAV GNSS LNAV	Circling TERPS
C	ft - ft/SM ft 200 - 2600R/0.5V 670	530 - 1.25V 990	620 - 1.5V 1080	680 - 2.0V 1140
D	ft - ft/SM ft 200 - 2600R/0.5V 670	530 - 1.25V 990	620 - 1.5V 1080	740 - 2.25V 1200

1) Uncompensated BARO VNAV NA below -18°C (0°F) or above 54°C (129°F)

YYT-CYYT

7-110

RNAV (GNSS) Z 16



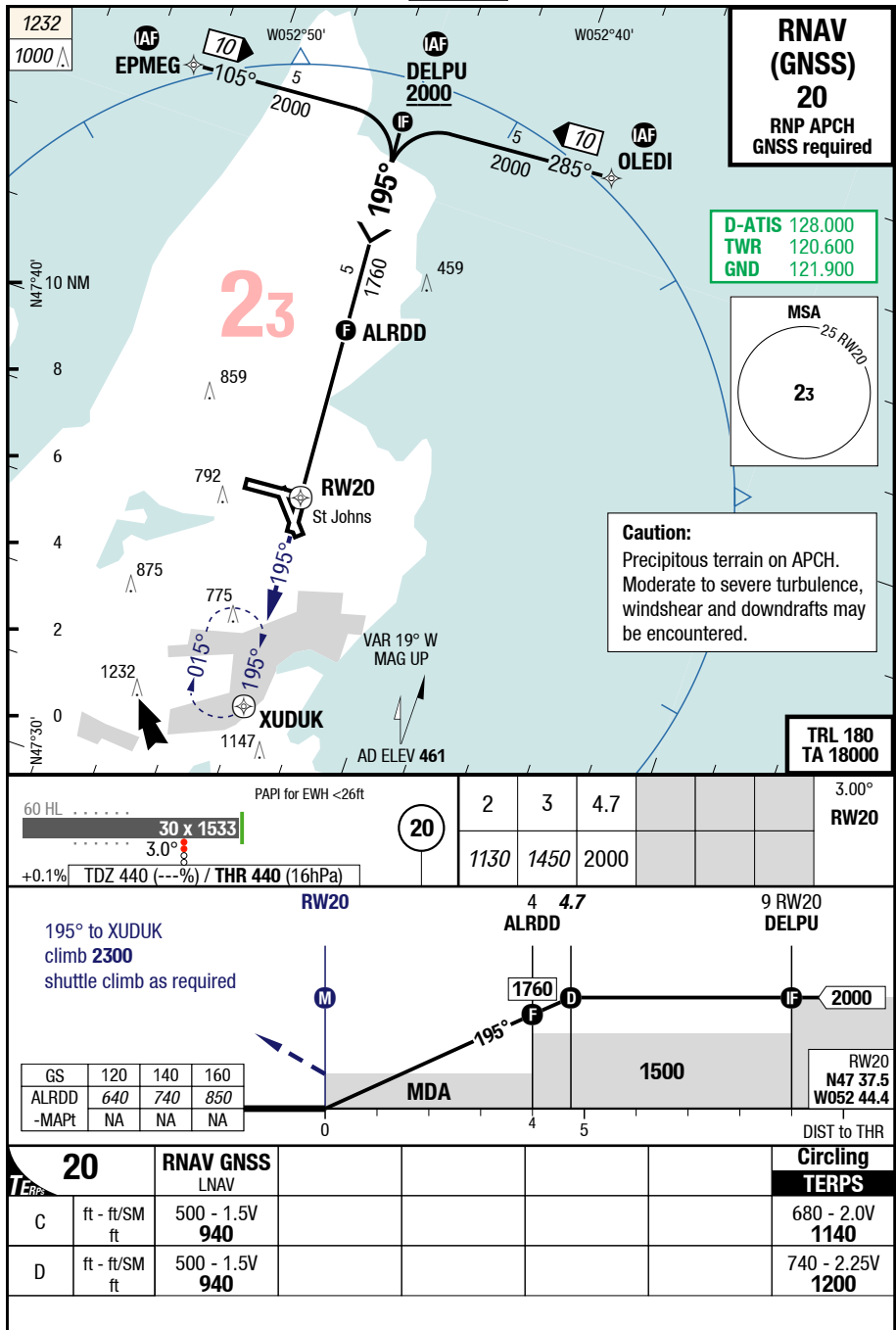
16		RNAV GNSS LPV	RNAV GNSS VNAV 1)	RNAV GNSS LNAV	Circling TERPS
C	ft - ft/SM	200 - 2600R/0.5V <b>660</b>	290 - 5000R/1.0V <b>740</b>	490 - 5000R/1.0V <b>940</b>	
D	ft - ft/SM	200 - 2600R/0.5V <b>660</b>	290 - 5000R/1.0V <b>740</b>	490 - 5000R/1.0V <b>940</b>	680 - 2.0V <b>1140</b>
					740 - 2.25V <b>1200</b>

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

YYT-CYYT

7-120

RNAV (GNSS) 20



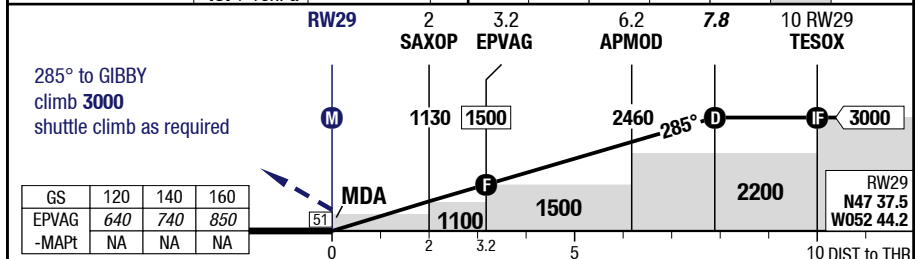
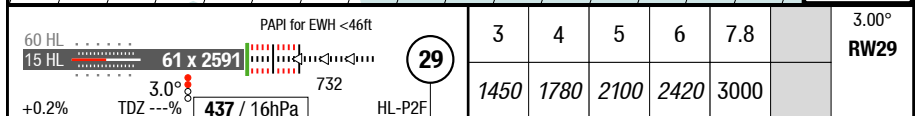
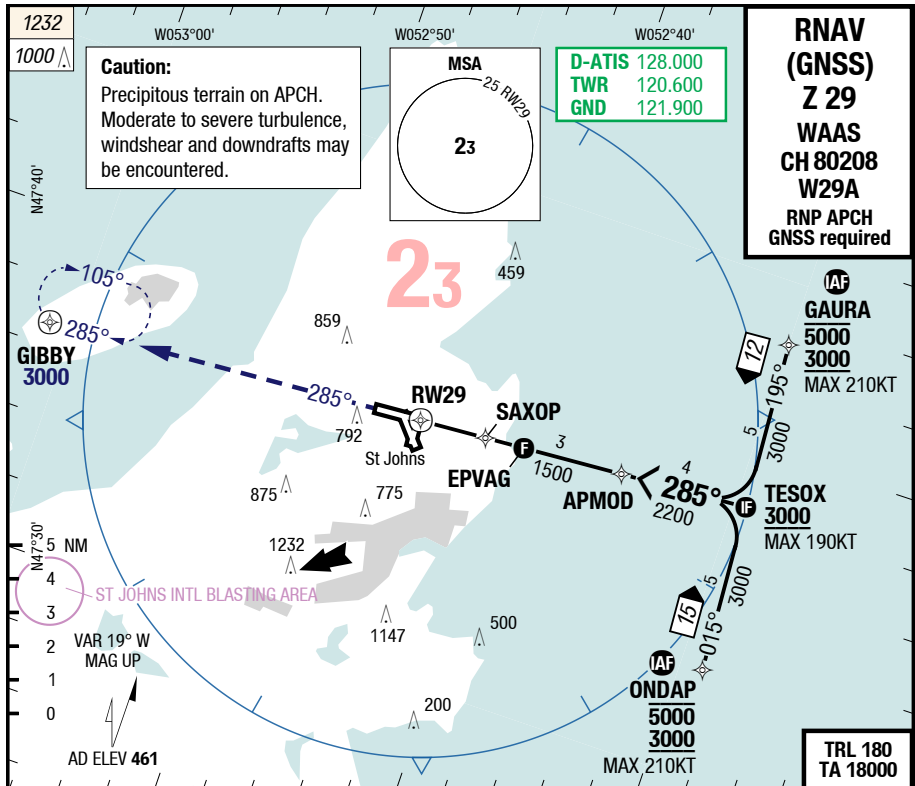
30-NOV-2017

YYT-CYYT

7-130

RNAV (GNSS) Z 29

IAC



<b>29</b>		<b>RNAV GNSS LPV</b>	<b>RNAV GNSS VNAV 1)</b>	<b>RNAV GNSS LNAV</b>	<b>Circling TERPS</b>
<b>C</b>	ft - ft/SM ft	200 - 2600R/0.5V <b>650</b>	270 - 5000R/1.0V <b>720</b>	400 - 5000R/1.0V <b>840</b>	680 - 2.0V <b>1140</b>
<b>D</b>	ft - ft/SM ft	200 - 2600R/0.5V <b>650</b>	270 - 5000R/1.0V <b>720</b>	400 - 5000R/1.0V <b>840</b>	740 - 2.25V <b>1200</b>

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

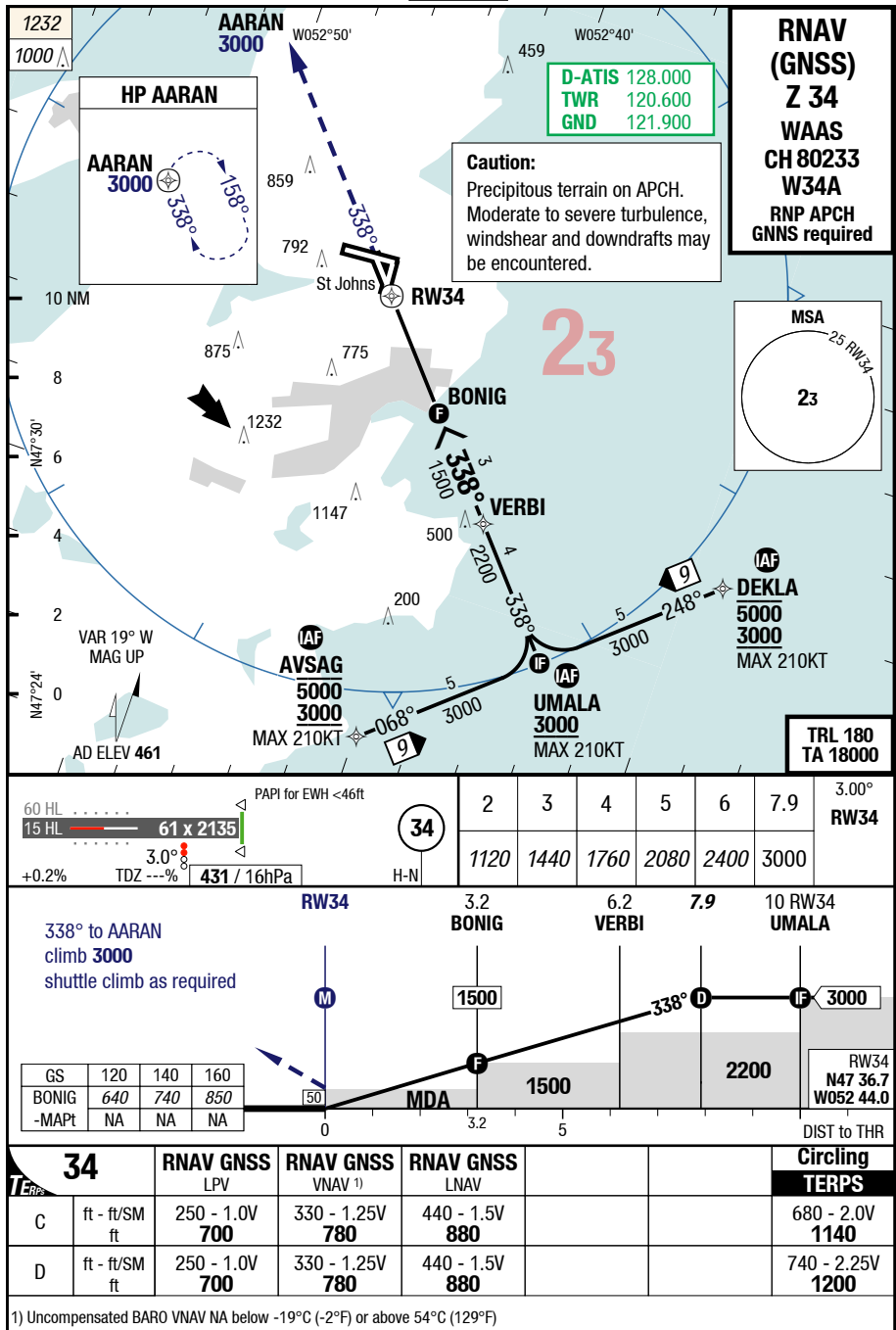
Changes: WPT , Speed RESTR, ALT, MIN, MEA, MISAP text, TCH



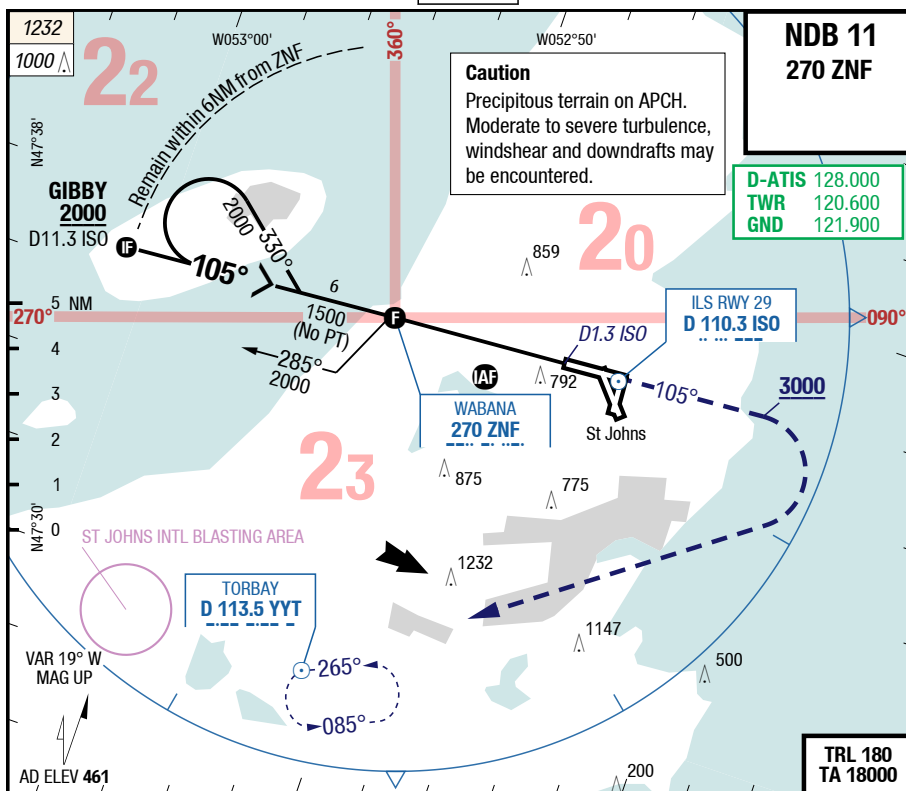
YYT-CYYT

7-140

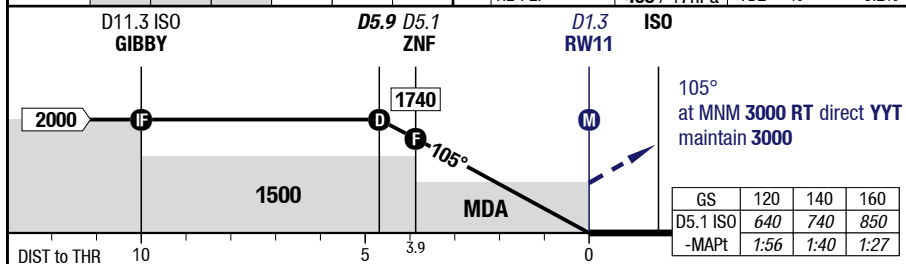
RNAV (GNSS) Z 34



Changes: Completely revised



<b>3.00° ISO</b>				5.9	5	4	<b>(11)</b>	PAPI for EWH <46ft	3.0°	60 HL
				2000	1710	1390		732	2591 x 61	15 HL
							HL-P2F	<b>458 / 17hPa</b>	IDZ ---%	-0.2%



<b>TERPS</b>	<b>11</b>	<b>NDB</b>					<b>Circling</b>
							<b>TERPS</b>
C	ft - ft/SM ft	680 - 1.5V <b>1140</b>					680 - 2.0V <b>1140</b>
D	ft - ft/SM ft	680 - 1.5V <b>1140</b>					740 - 2.25V <b>1200</b>

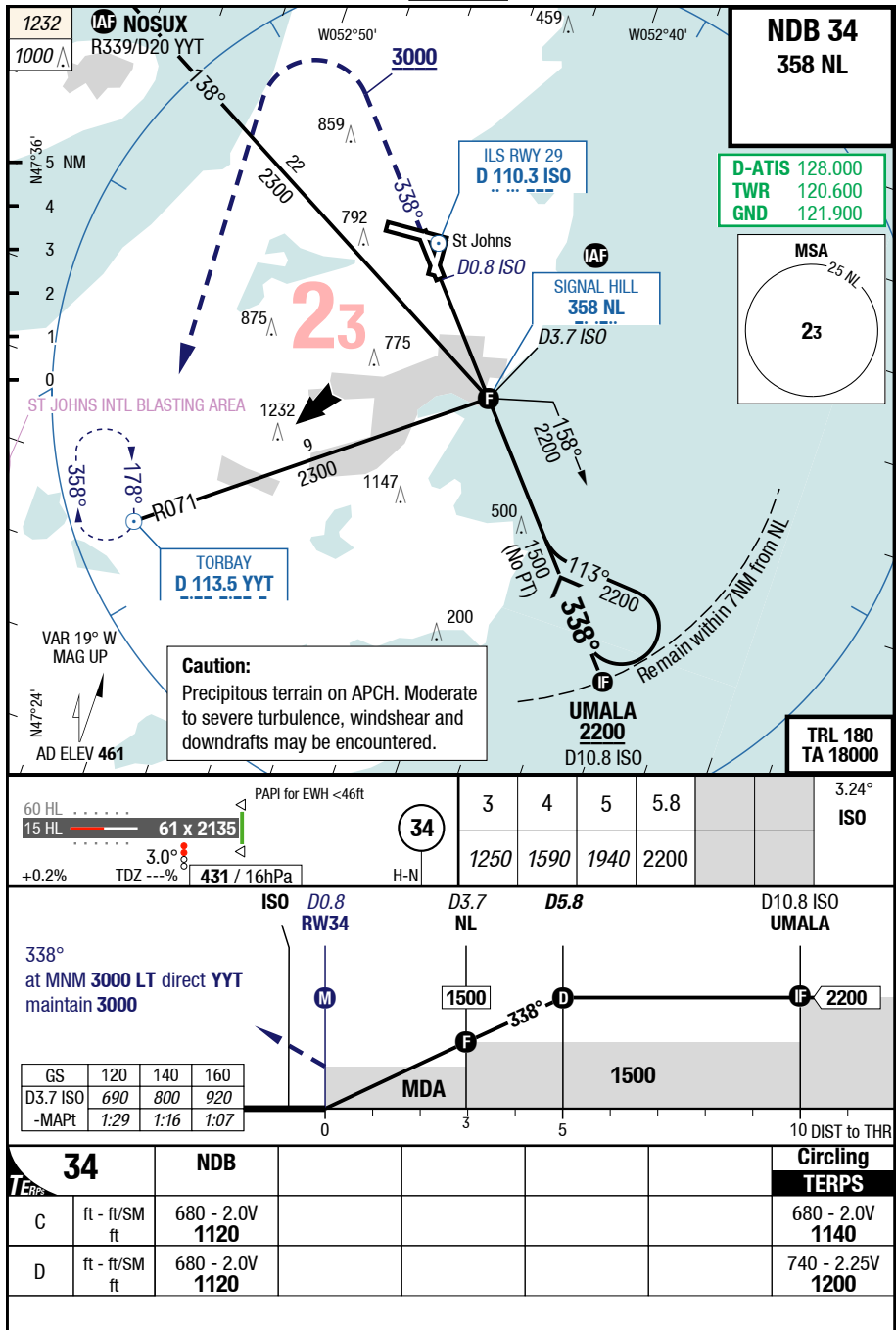
06-SEP-2018

YYT-CYYT

7-160

NDB 34

IAC



Changes: HLDG