GENERAL

Operational Hours

ATS Hours / AD OPS Hours / AD ADMIN Hours: Not published

Airport Information

RFF: CAT 5
PCN: RWY 16R/34L: 26/F/A/X/T
RWY 12/30: 44/F/A/X/T
RWY 16L/34R: 52/F/A/X/T
Customs: 1200-0000; other times O/R, with 3HR in advance.

Operation

AD for MIL use only.

RWY Restriction
RWY 16L, 16R simultaneous LDG OPS only if allowed by ATIS.

TWY Restriction
TWY E width 20m / 66ft.
TWY F width 18.2m / 60ft.
TWY G width 18.1m / 59ft.
TWY C, D, J, L, M, N, O width 18m / 59ft.
TWY H, I width 17.8m / 58ft.
TWY B width 15.2m / 50ft.

TWY D CLSD for CIV ACFT.

TWY G CLSD.

Taxi/Parking
180° turns for ACFT with wingspan 28m / 92ft or more at THR only.

For ACFT with 12t / 26455lbs or more push-back mandatory.

CIV ACFT OPS prior authorization from commander Air Base.

Engine Run-up
Engine run-ups between 2200-0600 prohibited.

Warnings

Birds in vicinity of AD.

ARRIVAL

Communication

COM Failure: See CRAR Brazil.

Arrival Procedure

Non-standard GP intercept position RWY 16L
GP intercepts RWY 16L at 308m / 1011ft after landing threshold.
Remaining LDG DIST beyond GP is 2292m / 7519ft.

DEPARTURE

Take-off Minima

RWY		16L/34R	
Multi ENG	**ft - m/km**	0 - 500R/600V	TKOF ALTN AVBL, HJ only
		0 - 800R/800V	TKOF ALTN AVBL, HN
All ACFT		c600 - 1.9V	-

RWY		16R/34L, 30	
Multi ENG	**ft - m/km**	0 - 600V	TKOF ALTN AVBL, HJ only
		0 - 800V	TKOF ALTN AVBL, HN
All ACFT		c600 - 1.9V	-

RWY		12	
All ACFT	ft - m/km	c600 - 3.2V	-

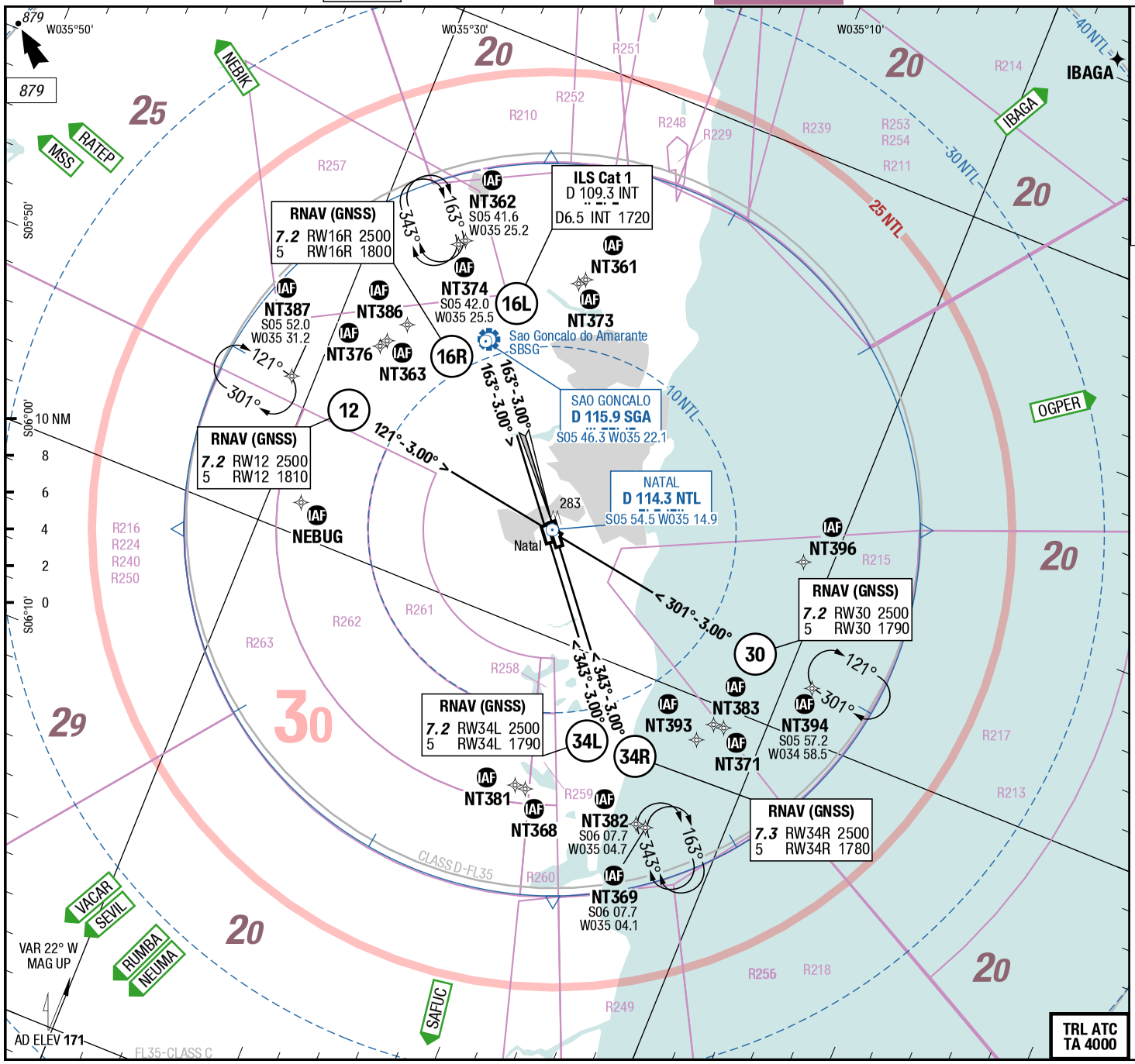
Brazil **Natal** Augusto Severo

AGC
AFC

AFC AFC

Augusto Severo **Natal** Brazil

AGC
AFC



D-ATIS	127.600	132.650
Recife Center		128.700 134.800 125.150 128.050 135.250 135.800
APP	119.300	119.650
TWR	118.700 RWY 16L/34R, 12/30	122.800 RWY 16R/34L
GND	121.900 RWY 16L/34R, 12/30	
DCL		

Landing RWY system:

12
3.0° 60 M
1825 x 45
161 / 6hPa TDZ ---% -0.2%

60 M
45 x 1825
30
+0.2% TDZ ---% 148 / 5hPa

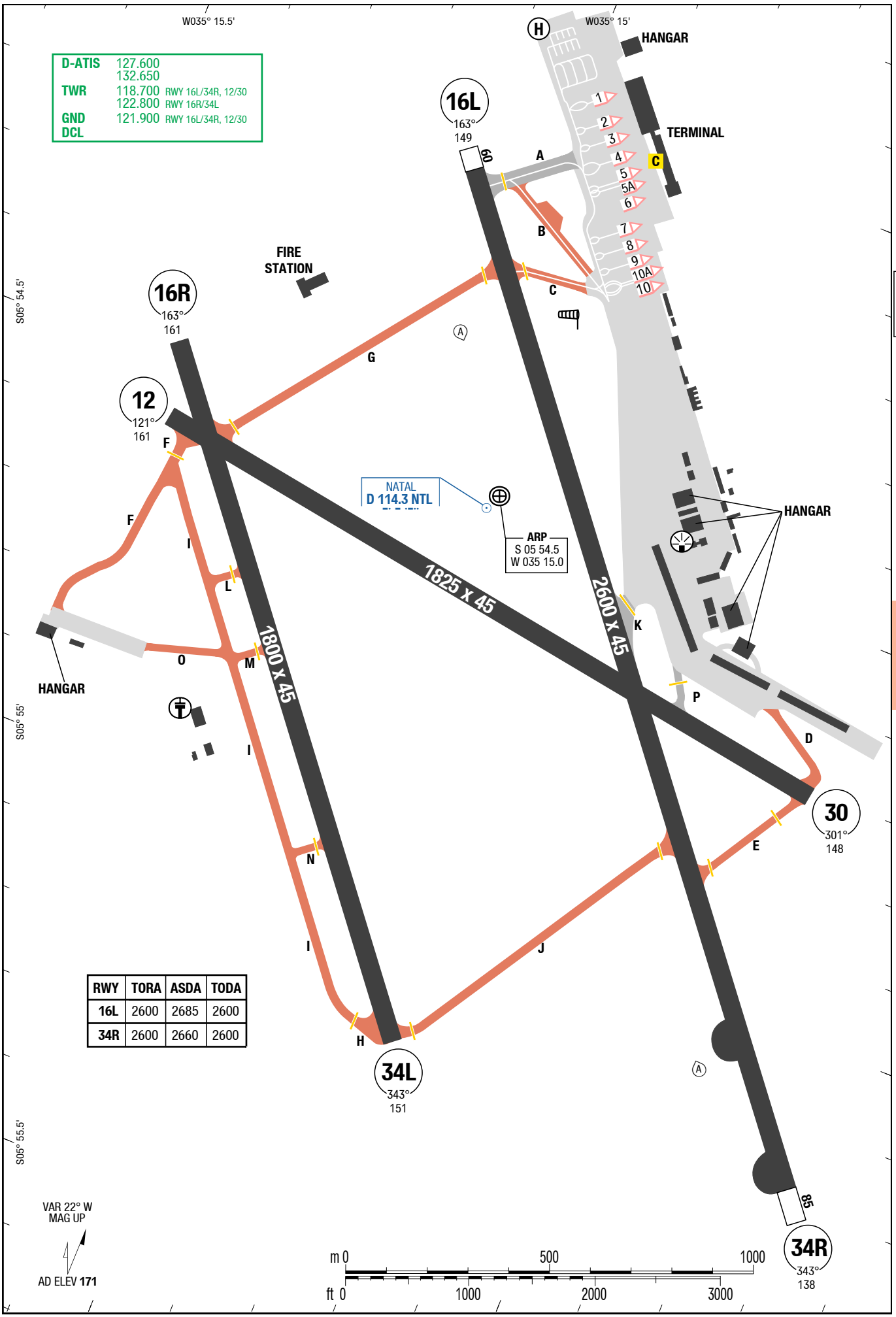
16L
3.0° 60 M
2600 x 45
3.0°
149 / 5hPa TDZ ---% -0.1%

60 M
45 x 2600
34R
+0.1% TDZ ---% 138 / 5hPa

16R
60 M
1800 x 45
3.0°
161 / 6hPa TDZ ---% -0.2%

60 M
45 x 1800
34L
+0.2% TDZ ---% 151 / 6hPa

Changes: PROC


W035° 15.5'
W035° 15'
S05° 54.5'
S05° 55'
S05° 55.5'
D-ATIS 127.600
132.650
TWR 118.700 RWY 16L/34R, 12/30
122.800 RWY 16R/34L
GND 121.900 RWY 16L/34R, 12/30
DCL
16L
163°
149
16R
163°
161
12
121°
161
34L
343°
151
34R
343°
138
30
301°
148
HANGAR
TERMINAL
FIRE STATION
NATAL
D 114.3 NTL
ARP
S 05 54.5
W 035 15.0
1825 x 45
1800 x 45
2600 x 45
RWY | TORA | ASDA | TODA
16L | 2600 | 2685 | 2600
34R | 2600 | 2660 | 2600
VAR 22° W
MAG UP
AD ELEV 171
m 0 500 1000
ft 0 1000 2000 3000

17-SEP-2015

NSA-SBNT

Brazil **Natal** Augusto Severo

RNAV 16L NEBIK 1A/RATEP 1A

RNAV 16L IBAGA 1A/OGPER 1A

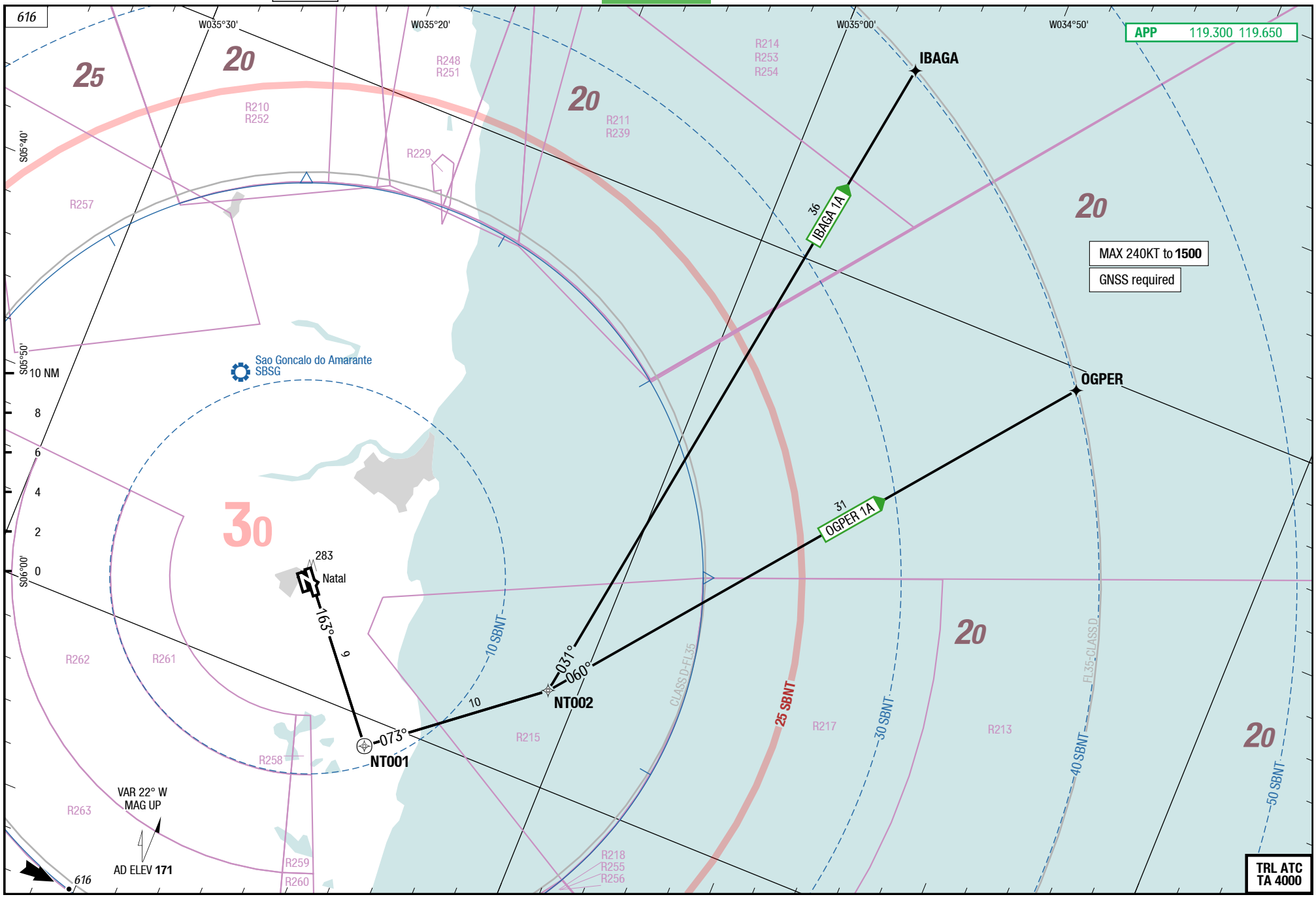
4-10

SID SID

Augusto Severo **Natal** Brazil

RNAV 16L NEBIK 1A/RATEP 1A

RNAV 16L IBAGA 1A/OGPER 1A



Changes: ASP, Page Number

17-SEP-2015

NSA-SBNT

Brazil **Natal** Augusto Severo

4-20

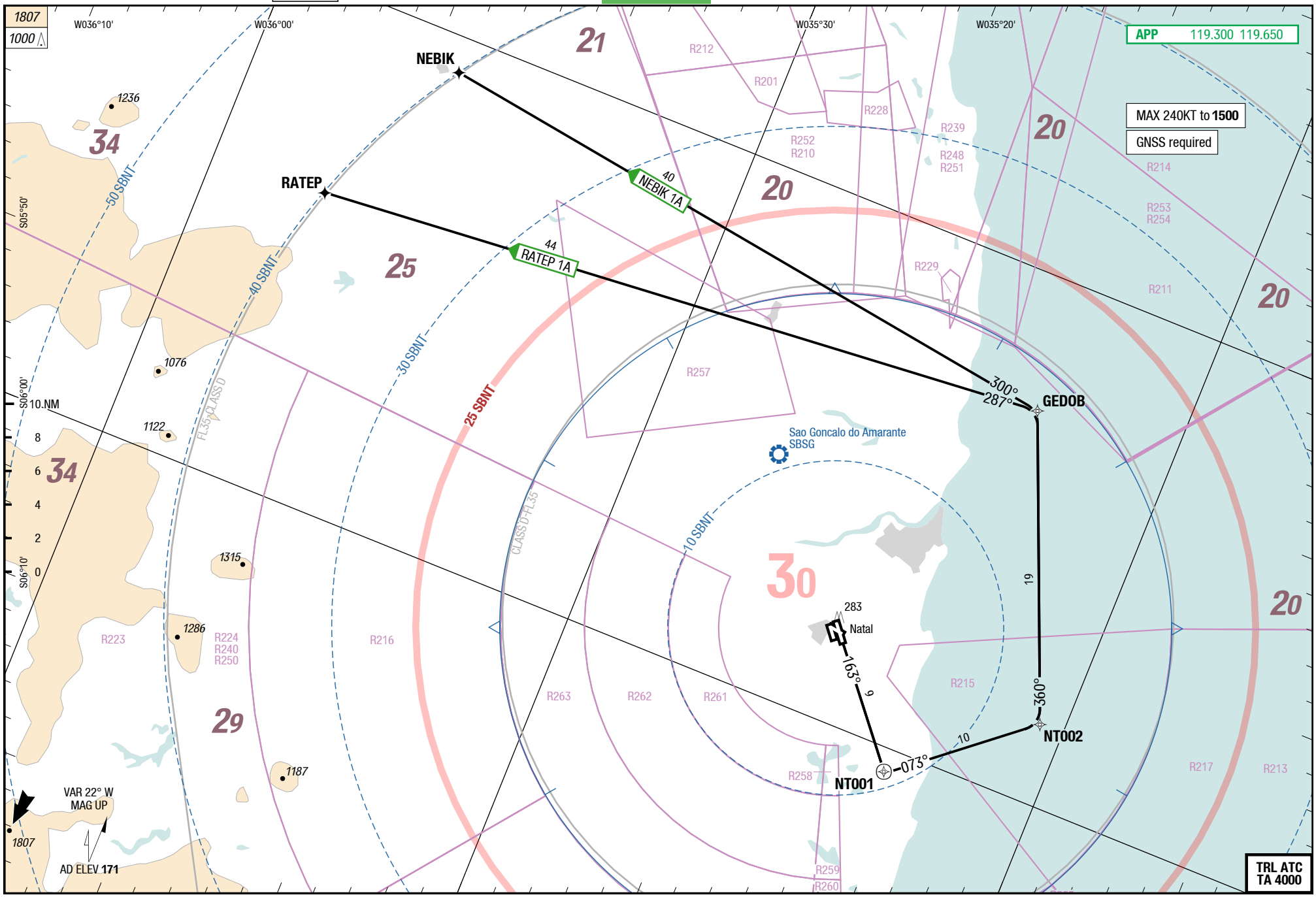
RNAV 16L NEBIK 1A/RATEP 1A

SID

SID

Augusto Severo **Natal** Brazil

RNAV 16L NEBIK 1A/RATEP 1A



Changes: PROC renamed, TOPO

Brazil **Natal** Augusto Severo Intl

RNAV SIDs RWY 34R

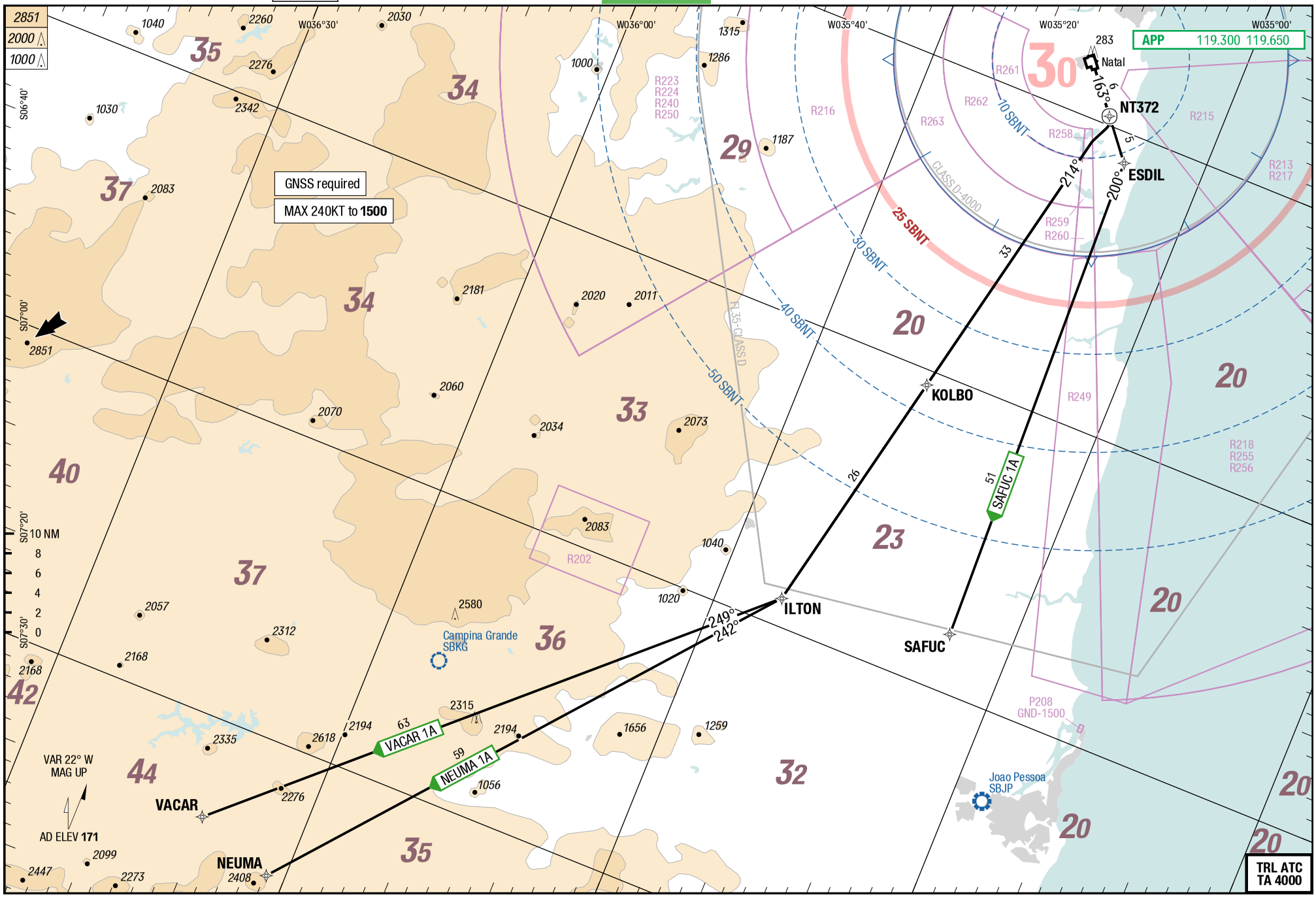
RNAV 16L NEUMA 1A/SAFUC 1A/VACAR 1A

SID SID

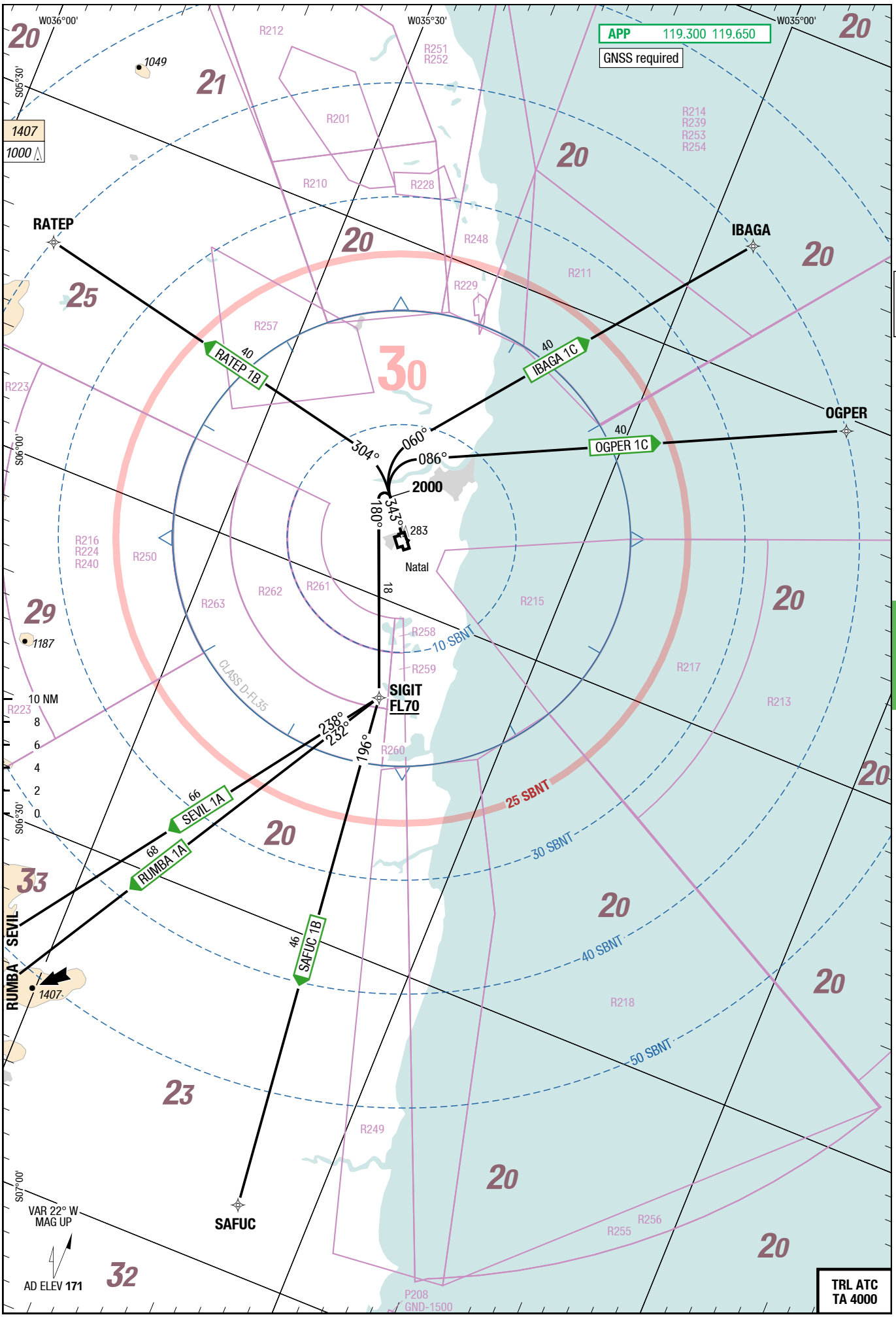
Augusto Severo Intl **Natal** Brazil

RNAV SIDs RWY 34R

RNAV 16L NEUMA 1A/SAFUC 1A/VACAR 1A



Changes: Completely revised


APP 119.300 119.650
GNSS required
W036°00'
W035°30'
W035°00'
S05°30'
S06°00'
S06°30'
S07°00'
1049
1407
1000
RATEP
IBAGA
OGPER
SEVIL
RUMBA
SAFUC
RATEP 1B
IBAGA 1C
OGPER 1C
SEVIL 1A
RUMBA 1A
SAFUC 1B
40
66
68
46
304°
060°
086°
180°
343°
238°
232°
196°
2000
283
Natal
SIGIT
FL70
18
10 SBNT
25 SBNT
30 SBNT
40 SBNT
50 SBNT
CLASS D-FL35
10 NM
8
6
4
2
0
R212
R251
R252
R201
R214
R239
R253
R254
R210
R228
R248
R211
R229
R257
R223
R216
R224
R240
R250
R262
R261
R263
R215
R258
R259
R217
R213
R260
R218
R249
R256
R255
P208
GND-1500
VAR 22° W
MAG UP
AD ELEV 171
TRL ATC
TA 4000

Brazil **Natal** Augusto Severo

NEBIK 1B

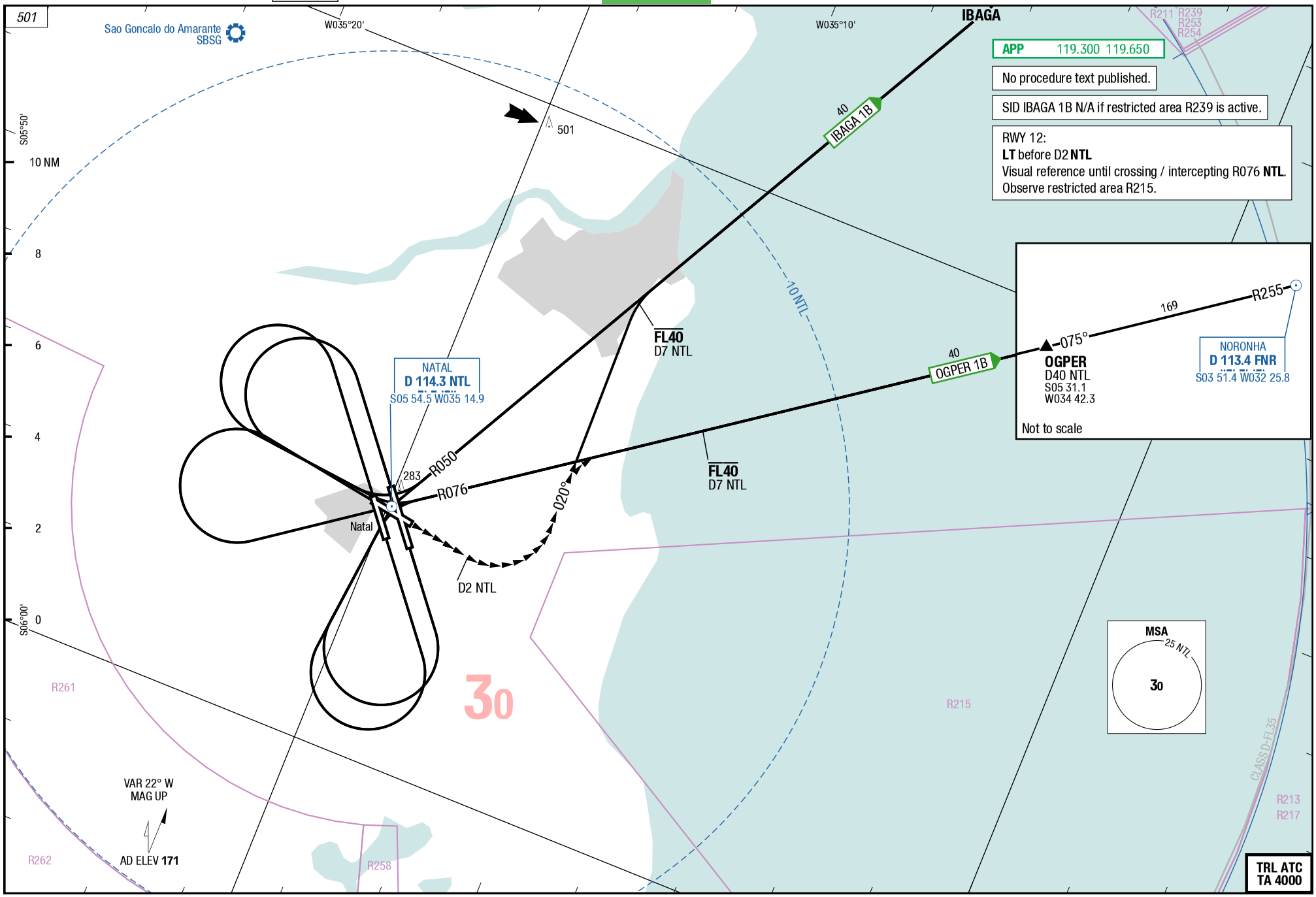
IBAGA 1B / OGPER 1B

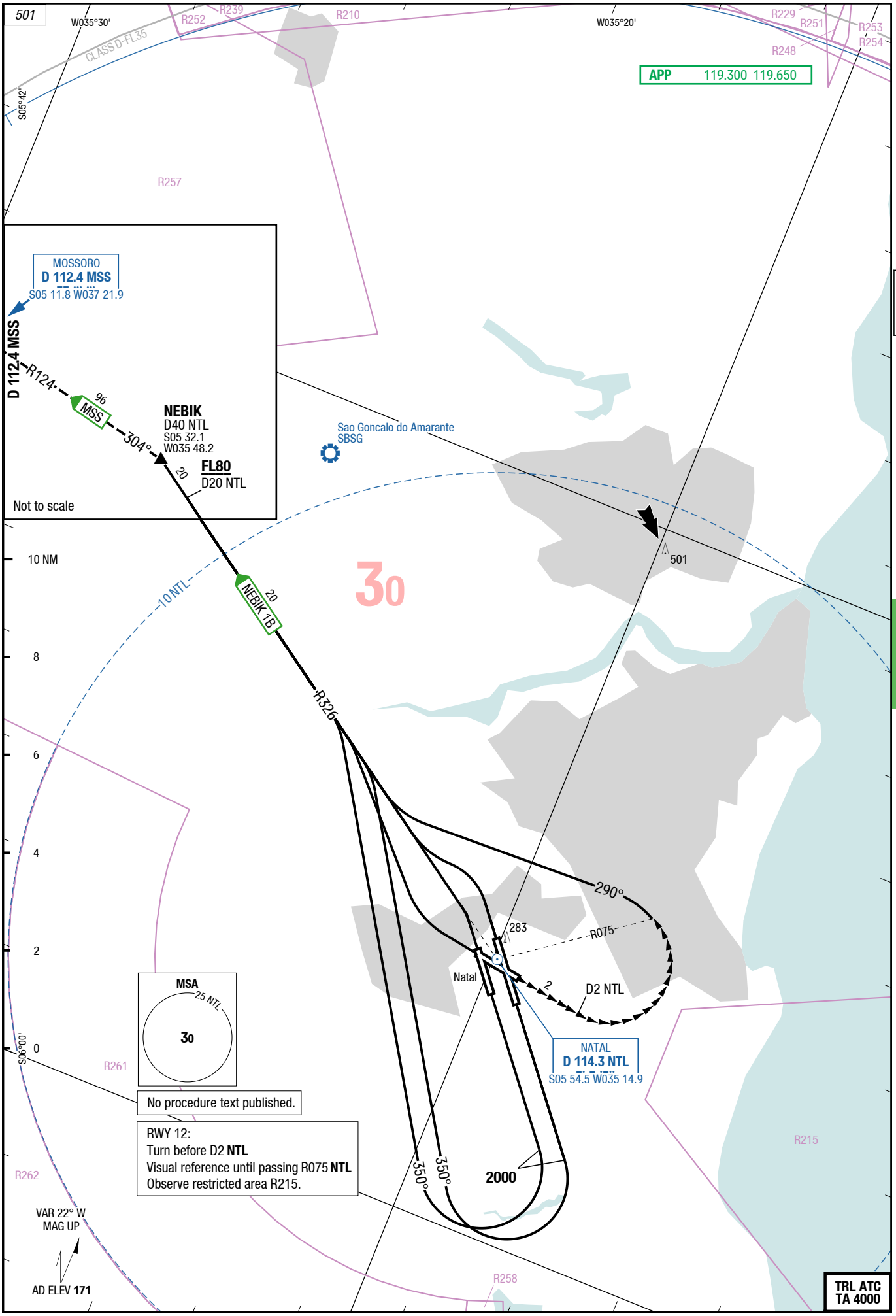
SID SID

Augusto Severo **Natal** Brazil

NEBIK 1B

IBAGA 1B / OGPER 1B




501
W035°30'
W035°20'
S05°42'
S06°00'
CLASS D-FL35
R239
R252
R210
R229
R251
R253
R254
R248
R257
APP 119.300 119.650
MOSSORO
D 112.4 MSS
S05 11.8 W037 21.9
D 112.4 MSS
R124
96
MSS
304°
NEBIK
D40 NTL
S05 32.1
W035 48.2
20
FL80
D20 NTL
Not to scale
Sao Goncalo do Amarante
SBSG
501
10 NM
10 NTL
8
6
4
2
0
NEBIK 1B
20
R326
30
290°
R075
283
Natal
2
D2 NTL
NATAL
D 114.3 NTL
S05 54.5 W035 14.9
MSA
25 NTL
30
No procedure text published.
RWY 12:
Turn before D2 NTL
Visual reference until passing R075 NTL
Observe restricted area R215.
350°
350°
2000
R261
R262
R215
R258
VAR 22° W
MAG UP
AD ELEV 171
TRL ATC
TA 4000

Brazil **Natal** Augusto Severo

RATEP 1D / SAFUC 1C

RATEP 1C

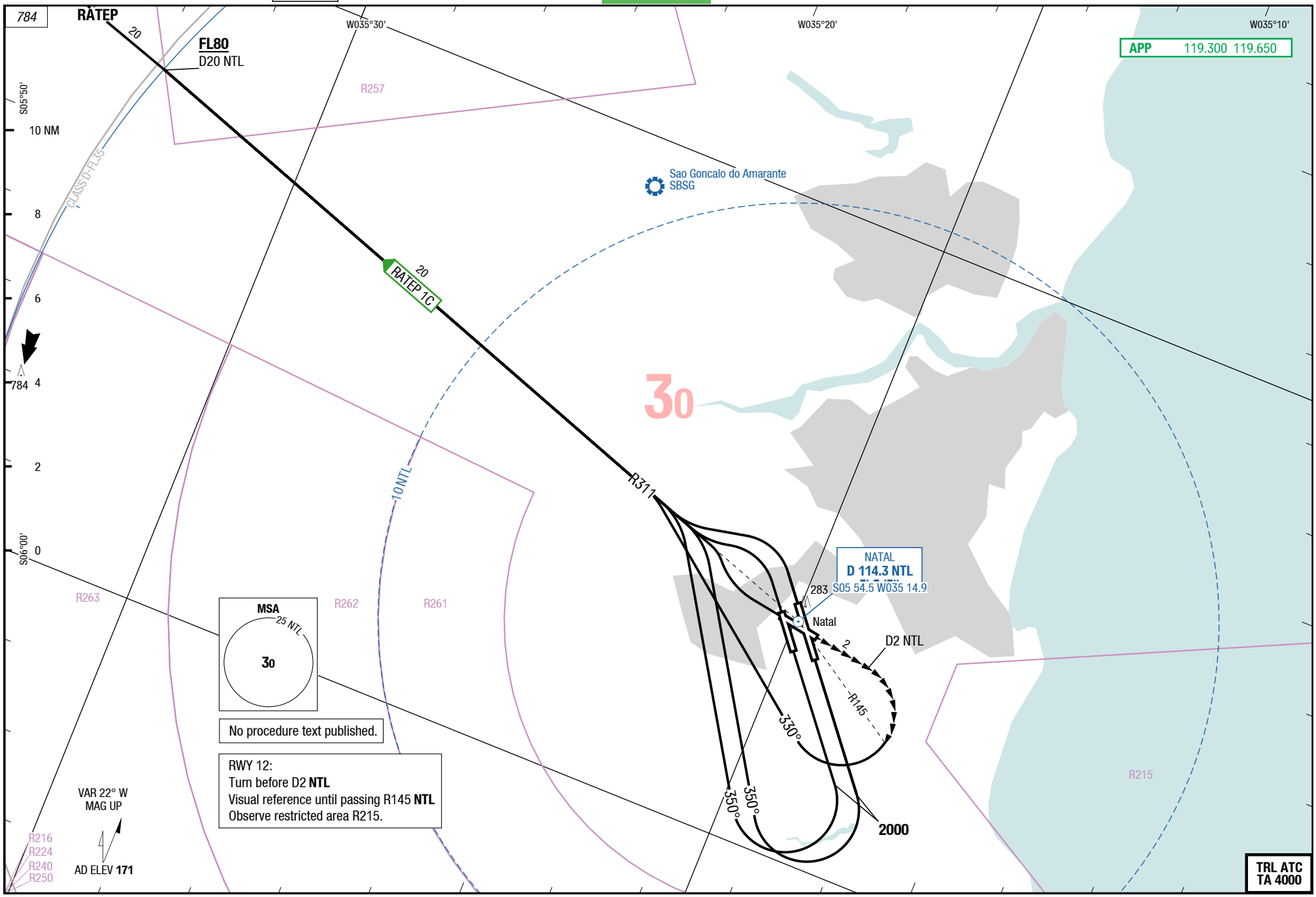
SID

SID

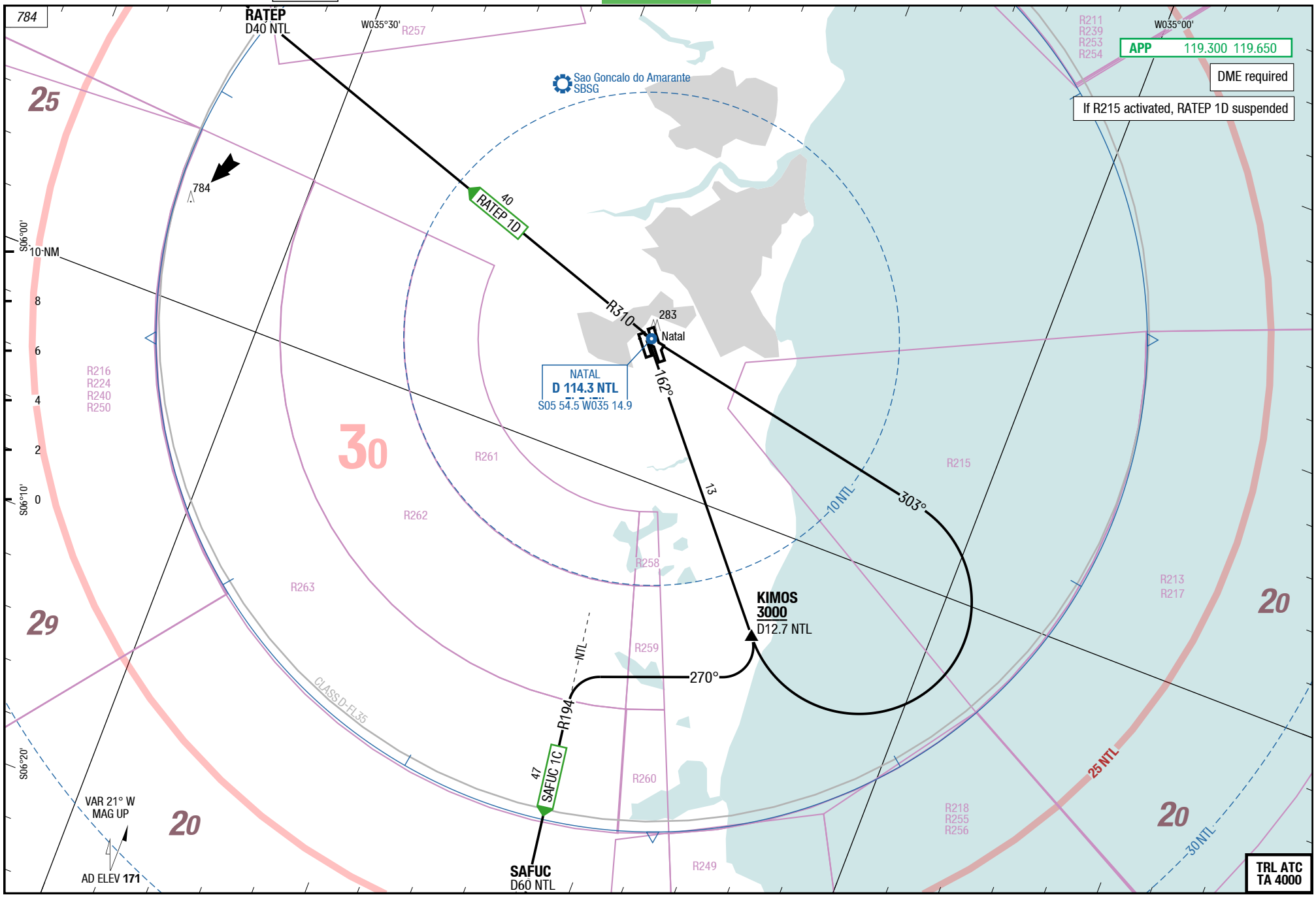
Augusto Severo **Natal** Brazil

RATEP 1D / SAFUC 1C

RATEP 1C



Changes: Nil



Changes: new

IBAGA 1A / OGPER 1A

RWY 16L (163°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 16L	
IBAGA 1A **119.300** ①	163° to NT001 - NT002 - IBAGA	
OGPER 1A **119.300** ①	163° to NT001 - NT002 - OGPER	

① MAX 240KT to 1500

17-SEP-2015

NSA-SBNT

5-20 **RNAV 16L NEBIK 1A/RATEP 1A**

NEBIK 1A / RATEP 1A

RWY 16L (163°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 16L	
NEBIK 1A **119.300** ①	163° to NT001 - NT002 - GEDOB - NEBIK	
RATEP 1A **119.300** ①	163° to NT001 - NT002 - GEDOB - RATEP	

① MAX 240KT to 1500

Changes: PROC renamed, WPT NEBIK, Editorial

NEUMA 1A / SAFUC 1A / VACAR 1A

RWY 16L (163°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 16L	
NEUMA 1A **119.300** ①	163° to NT372 - KOLBO - ILTON - NEUMA	
SAFUC 1A **119.300** ①	163° to NT372 - ESDIL - SAFUC	
VACAR 1A **119.300** ①	163° to NT372 - KOLBO - ILTON - VACAR	

① MAX 240KT to 1500

IBAGA 1C / OGPER 1C / RATEP 1B / RUMBA 1A / SAFUC 1B / SEVIL 1A

RWY 34R (343°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 34R	
IBAGA 1C **119.300**	at **2000 RT** 060° to IBAGA	
OGPER 1C **119.300**	at **2000 RT** 086° to OGPER	
RATEP 1B **119.300**	at **2000 LT** 304° to RATEP	
RUMBA 1A **119.300**	at **2000 LT** 180° to SIGIT - RUMBA	SIGIT MNM **FL70**
SAFUC 1B **119.300**	at **2000 LT** 180° to SIGIT - SAFUC	SIGIT MNM **FL70**
SEVIL 1A **119.300**	at **2000 LT** 180° to SIGIT - SEVIL	SIGIT MNM **FL70**

RATEP 1D / SAFUC 1C

RWYs 16L/R (162°)

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

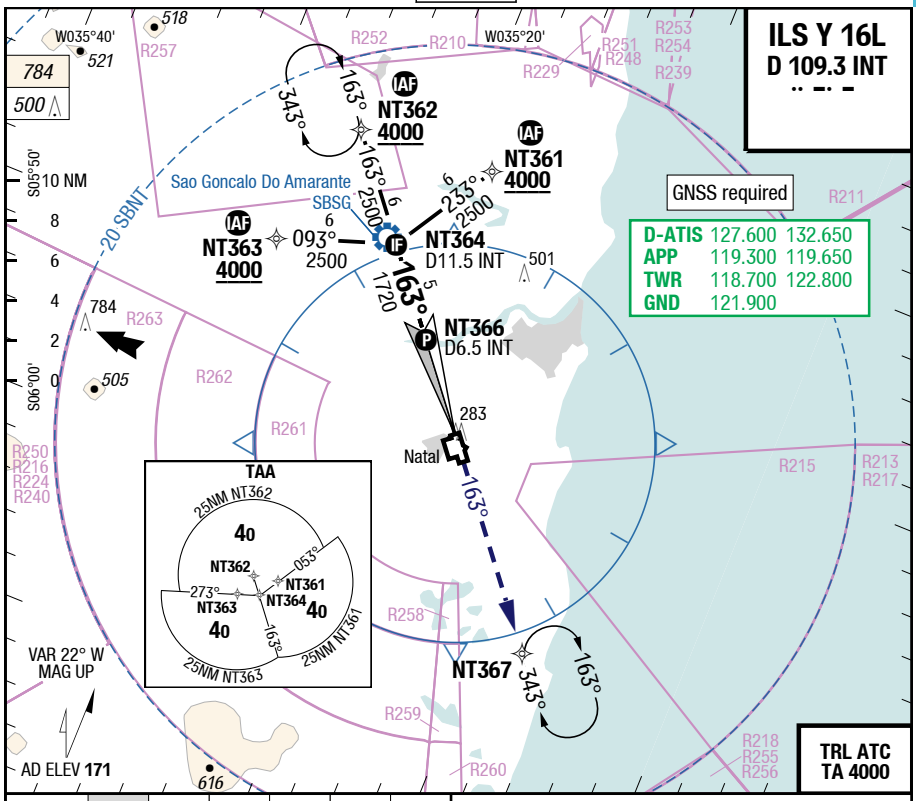
DESIGNATOR	ROUTING	ALTITUDES
RATEP 1D 4.0% to 4000	No procedure text published	KIMOS MNM **3000**
SAFUC 1C 4.0% to 4000	No procedure text published	KIMOS MNM **3000**

11-MAY-2017

NSA-SBNT

7-10

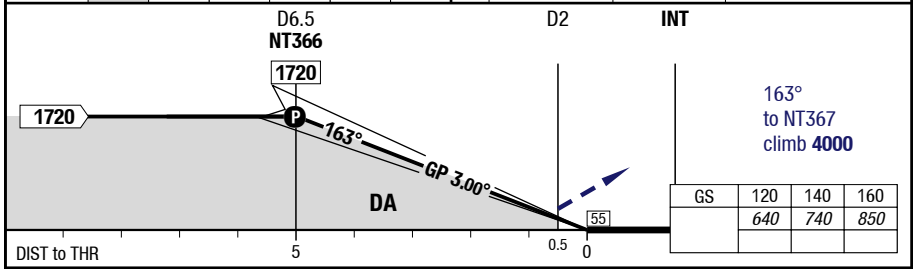
ILS Y 16L



D INT		6.5	6	5	4	3
		1720	*1630*	*1310*	*990*	*680*

16L

3.0° 60 M
2600 x 45
3.0°
149 / 5hPa TDZ ---% -0.1%



16L		Cat 1 DME 1)	LOC	SRA		Circling	Circling 2)
C	ft - m/km ft	C 300 - 1.2V **360**	Not published	C 400 - 2.0V **560**		Not authorized	C 500 - 2.4V **780**
D	ft - m/km ft	C 300 - 1.2V **360**	Not published	C 400 - 2.4V **560**		Not authorized	C 600 - 3.6V **880**

1) With EVS VIS 800m, wo EVS use STD
2) SRA

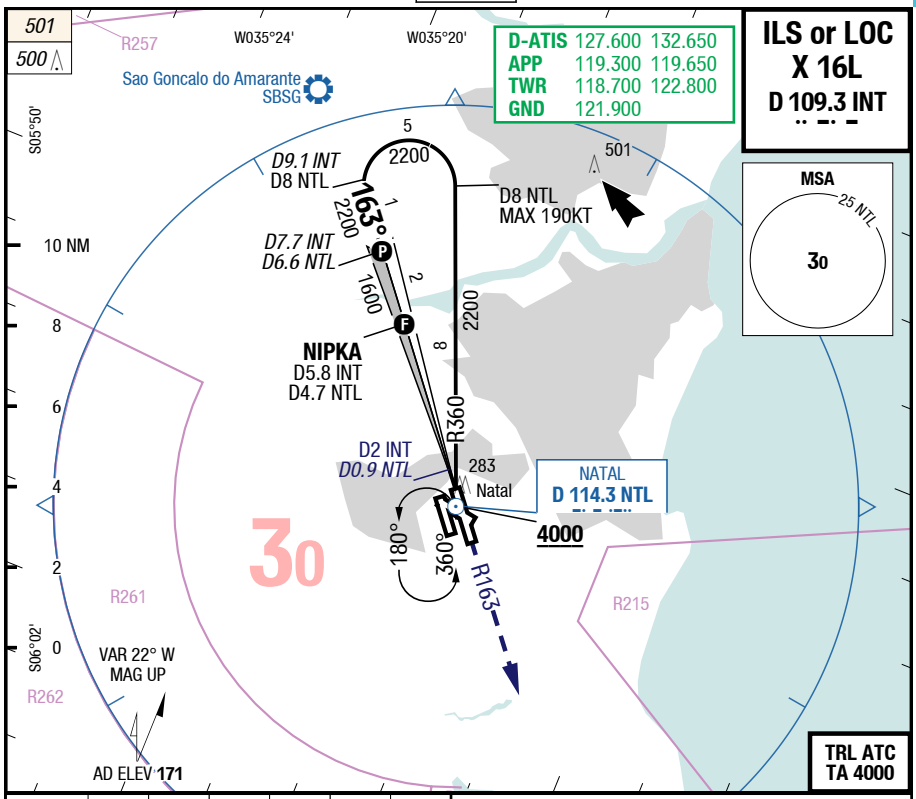
Changes: Page Number

11-MAY-2017

NSA-SBNT

7-20

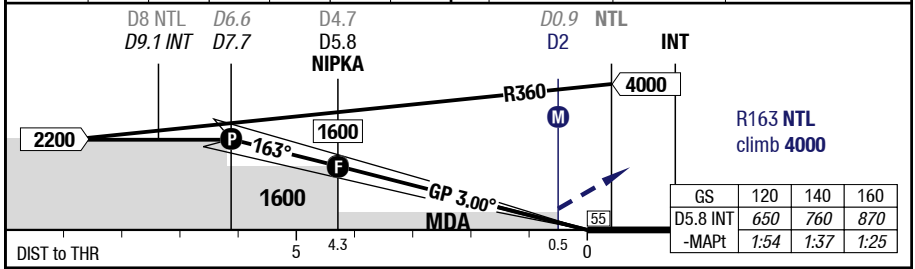
ILS or LOC X 16L



LOC 3.08° D INT	7.7	7	6	5	4	3
	2200	2000	1670	1340	1020	690

16L

3.0°
60 M
2600 x 45
3.0°
149 / 5hPa
TDZ ---%
-0.1%



GS	120	140	160
D5.8 INT	650	760	870
-MAPt	1:54	1:37	1:25

16L		Cat 1 DME 1)	LOC DME	SRA		Circling 2)	Circling SRA
C	ft - m/km ft	C 300 - 1.2V **360**	C 500 - 2.0V **550**	C 400 - 2.0V **560**		C 600 - 2.4V **780**	C 500 - 2.4V **780**
D	ft - m/km ft	C 300 - 1.2V **360**	C 500 - 2.4V **550**	C 400 - 2.4V **560**		C 700 - 3.6V **880**	C 600 - 3.6V **880**

1) With EVS VIS 800m
2) To RWY 34R E of AD only

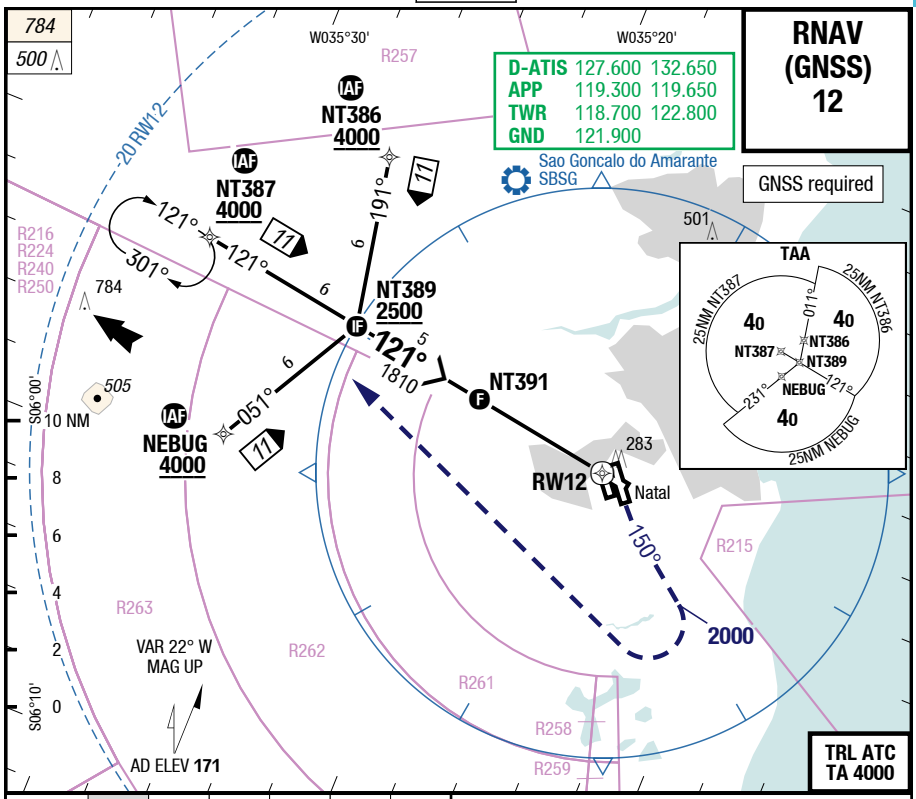
Changes: Page Number

11-MAY-2017

NSA-SBNT

7-30

RNAV (GNSS) 12



3.00° RW12	7.2	6	4	3	2
	2500	2130	1490	1170	850

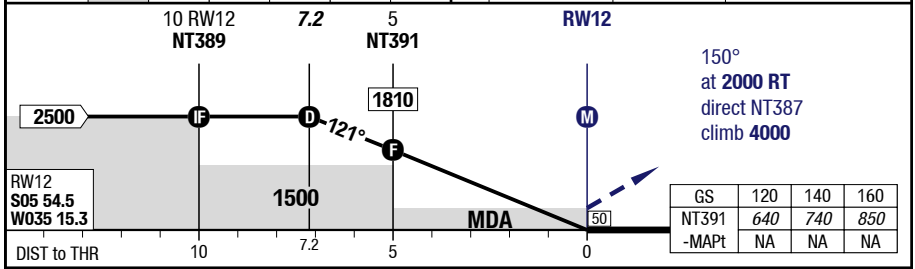
12

3.0°

60 M

1825 x 45

161 / 6hPa TDZ ---% -0.2%



GS	120	140	160
NT391	*640*	*740*	*850*
-MAPt	NA	NA	NA

12		RNAV GNSS VNAV[1) 2)]	RNAV GNSS LNAV				Circling
C	ft - m/km ft	C500 - 1.9V **590**	C500 - 2.1V **620**				Not authorized
D	ft - m/km ft	C500 - 1.9V **590**	C500 - 2.1V **620**				Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS VIS 1.3km

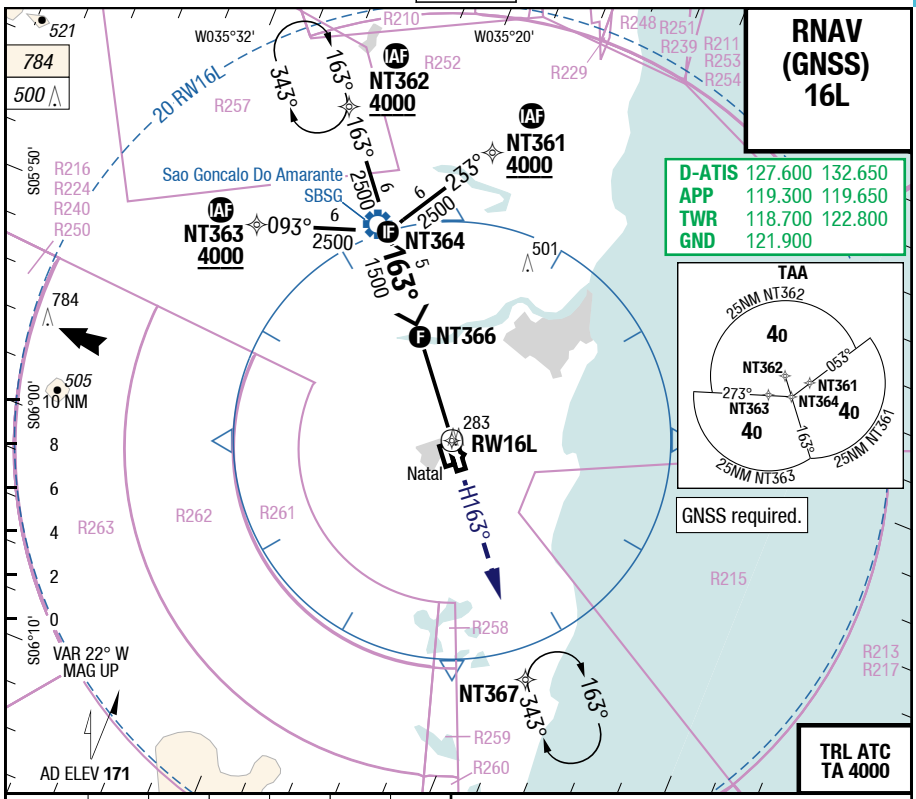
Changes: Page Number

11-MAY-2017

NSA-SBNT

7-40

RNAV (GNSS) 16L



3.00° RW16L	7.2	6	5	4	3	2
	2500	*2110*	1790	*1480*	*1160*	*840*

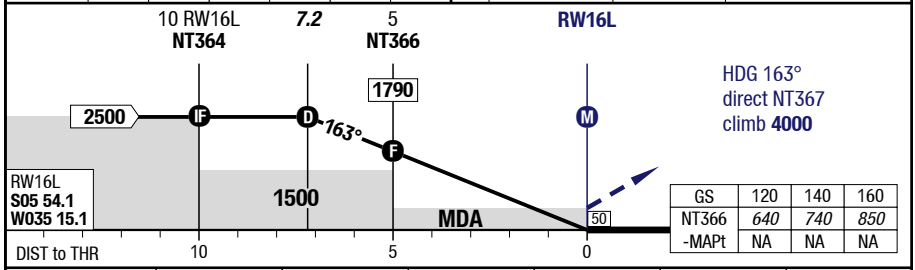
16L

3.0° 60 M

2600 x 45

3.0°

149 / 5hPa TDZ ---% -0.1%



GS	120	140	160
NT366	*640*	*740*	*850*
-MAPt	NA	NA	NA

16L		RNAV GNSS VNAV[1) 2)]	RNAV GNSS LNAV				Circling
C	ft - m/km ft	C400 - 1.7V **520**	C 500 - 2.1V **600**				Not authorized
D	ft - m/km ft	C400 - 1.7V **520**	C 500 - 2.1V **600**				Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS VIS 1.1km

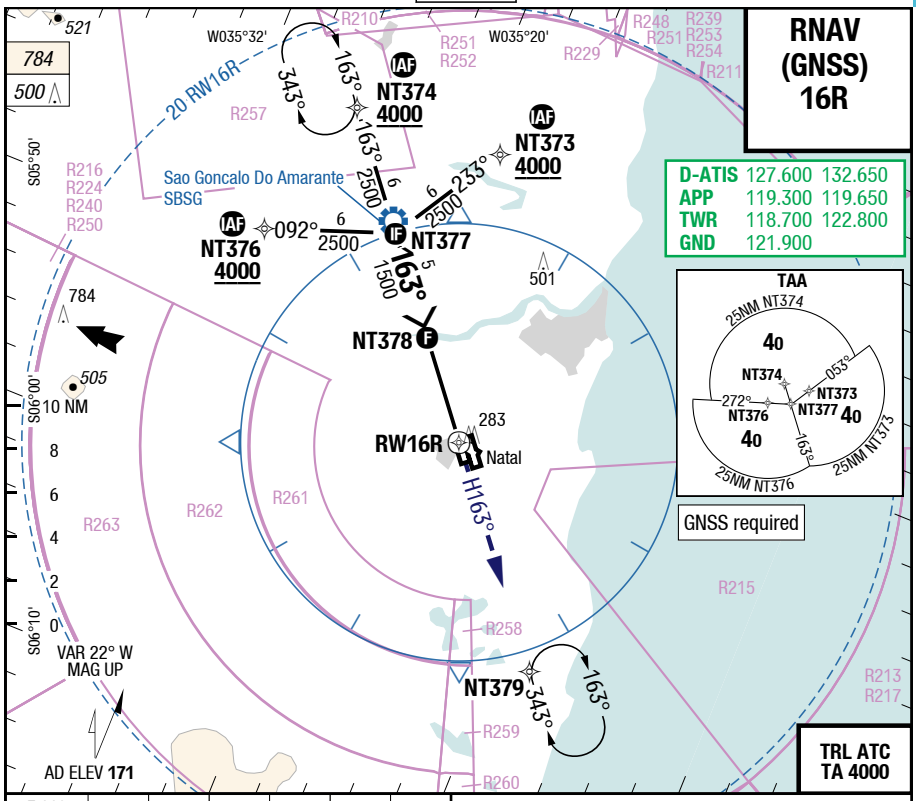
Changes: Page Number

11-MAY-2017

NSA-SBNT

7-50

RNAV (GNSS) 16R



3.00° RW16R	7.2	6	5	4	3	2
	2500	*2130*	1800	*1490*	*1170*	*850*

16R

1800 x 45

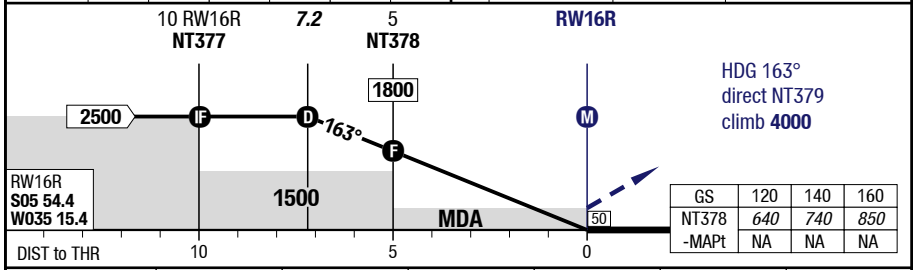
60 M

3.0°

161 / 6hPa

TDZ ---%

-0.2%



GS	120	140	160
NT378	*640*	*740*	*850*
-MAPt	NA	NA	NA

16R		RNAV GNSS VNAV[1) 2)]	RNAV GNSS LNAV				Circling
C	ft - m/km ft	C400 - 1.6V **520**	C500 - 2.1V **610**				Not authorized
D	ft - m/km ft	C400 - 1.6V **520**	C500 - 2.1V **610**				Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS VIS 1.1km

Changes: Page Number

11-MAY-2017

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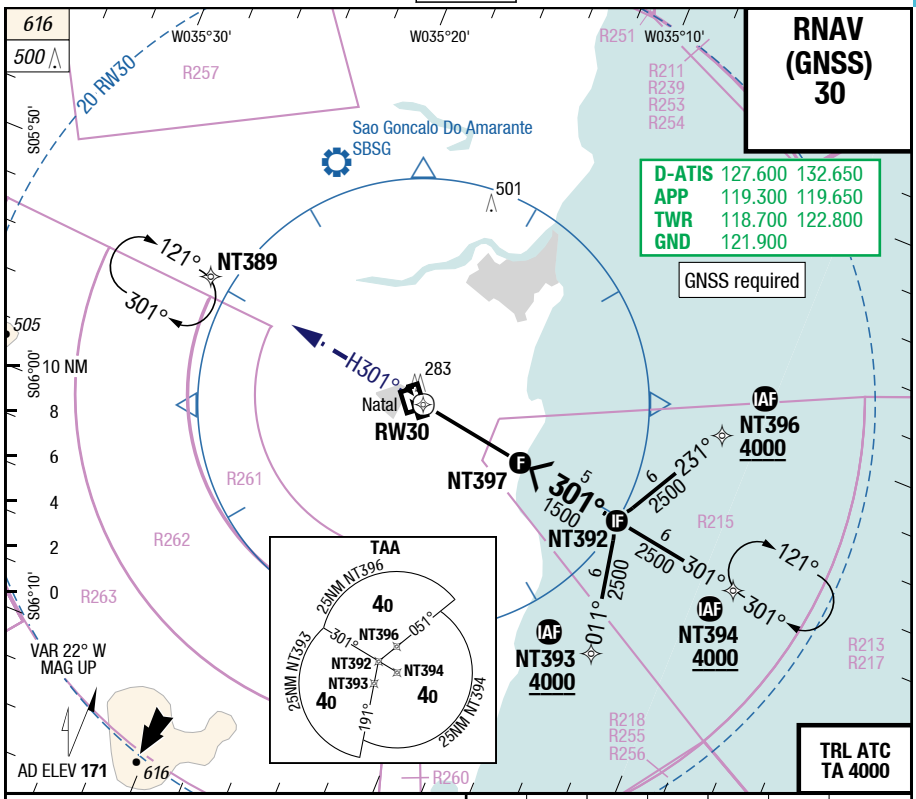
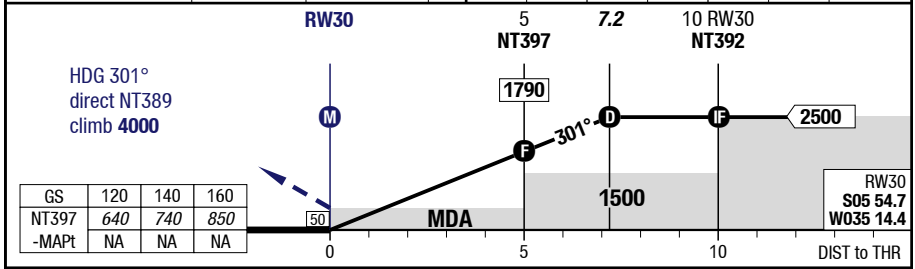
7-60

RNAV (GNSS) 30



60 M	45 x 1825	30	2	3	4	5	6	7.2	3.00° RW30
+0.2%	TDZ ---%	148 / 5hPa	840	1160	1480	1790	2120	2500	

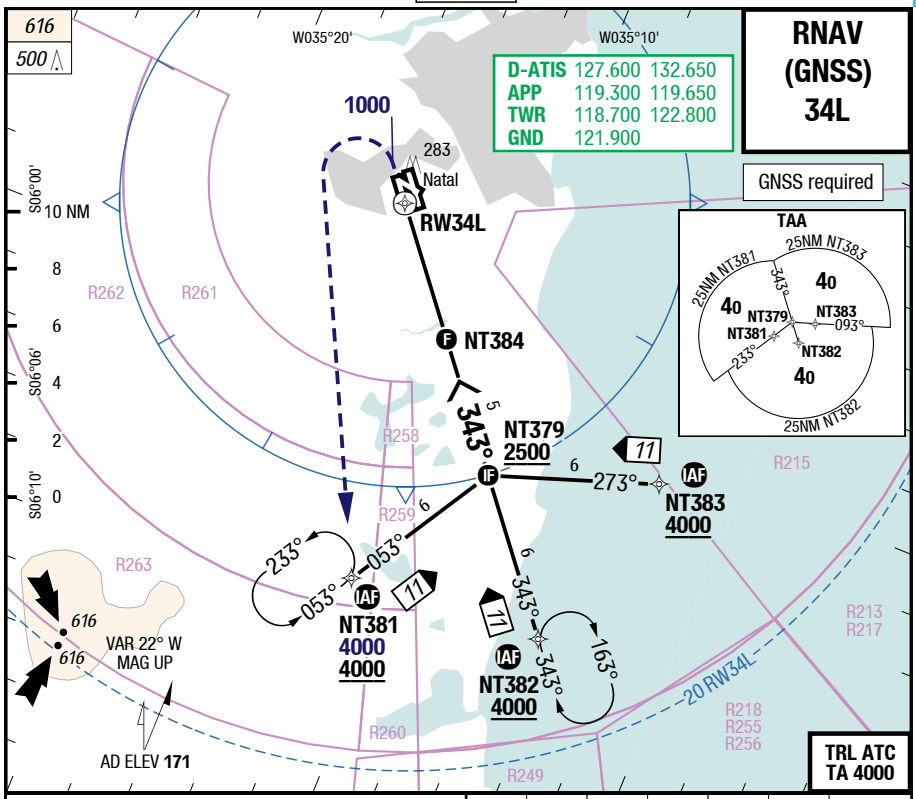


GS	120	140	160
NT397	640	740	850
-MAPt	NA	NA	NA

30		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV	SRA		Circling	Circling 3)
C	ft - m/km ft	C 400 - 1.6V **500**	C 500 - 2.2V **610**	C 400 - 2.1V **600**		Not authorized	C 500 - 2.4V **780**
D	ft - m/km ft	C 400 - 1.6V **500**	C 500 - 2.2V **610**	C 400 - 2.4V **600**		Not authorized	C 600 - 3.6V **880**

1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS VIS 1.1km, wo EVS use STD
3) SRA

Changes: Page Number



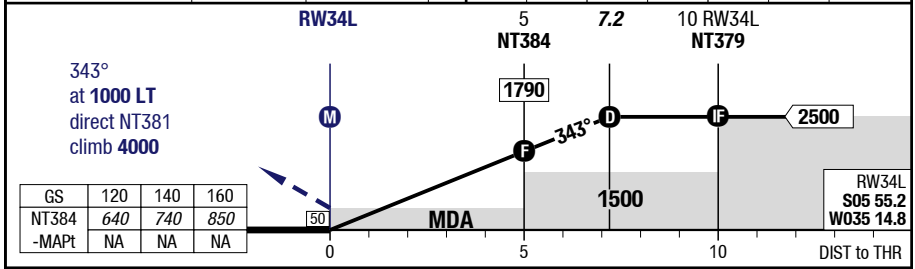
60 M

45 x 1800

+0.2% TDZ ---% **151** / 6hPa

34L

2	3	4	5	6	7.2	3.00° RW34L
840	*1160*	*1480*	1790	*2120*	2500	



GS	120	140	160
NT384	*640*	*740*	*850*
-MAPt	NA	NA	NA

34L		**RNAV GNSS** VNAV GA 4.0%[1) 2) 3)]	**RNAV GNSS** LNAV GA 4.0%[3)]				**Circling**
C	ft - m/km ft	C 400 - 1.5V **490**	C 500 - 2.1V **610**				Not authorized
D	ft - m/km ft	C 400 - 1.5V **490**	C 500 - 2.1V **610**				Not authorized

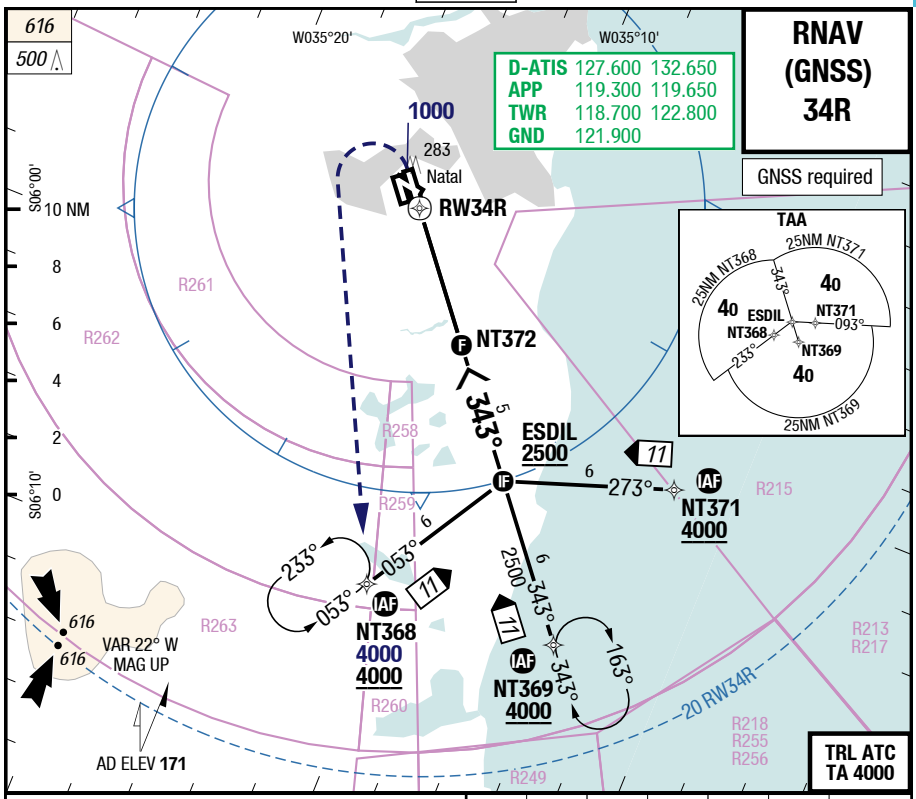
1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS VIS 1.0km, wo EVS use STD
3) Up to 1000ft

11-MAY-2017

NSA-SBNT

7-80

RNAV (GNSS) 34R



60 M

45 x 2600

+0.1%

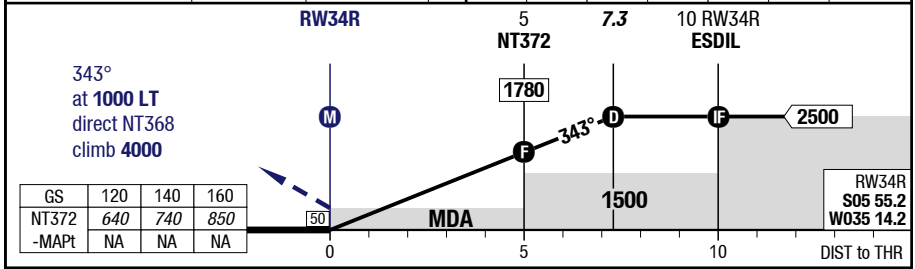
TDZ ---%

138 / 5hPa

34R

2	3	4	5	6	7.3
830	*1150*	*1470*	1780	*2100*	2500

3.00°
RW34R



GS	120	140	160
NT372	*640*	*740*	*850*
-MAPt	NA	NA	NA

34R		RNAV GNSS VNAV GA 4.0%[1) 2) 3)]	RNAV GNSS LNAV GA 4.0%[3)]	SRA		Circling	Circling [4)]
C	ft - m/km ft	C 400 - 1.4V **450**	C 500 - 2.1V **590**	C 400 - 1.7V **500**		Not authorized	C 500 - 2.4V **780**
D	ft - m/km ft	C 400 - 1.4V **450**	C 500 - 2.1V **590**	C 400 - 1.7V **500**		Not authorized	C 600 - 3.6V **880**

1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS VIS 900m, wo EVS use STD
3) Up to 1000ft
4) SRA

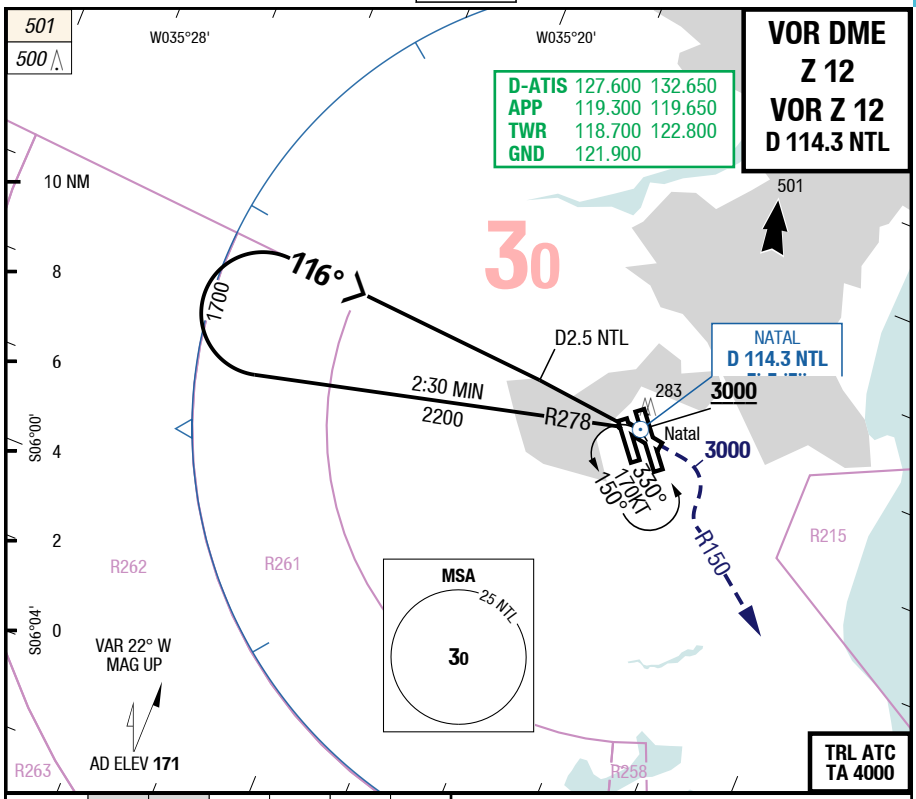
Changes: Page Number

11-MAY-2017

NSA-SBNT

7-90

VOR DME Z 12 / VOR Z 12



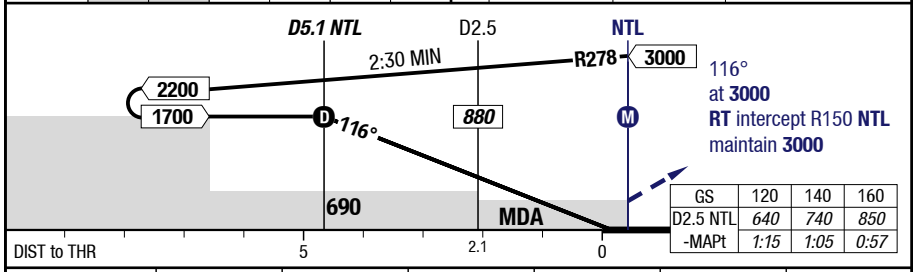
3.00°			5.1	4	3	2
D NTL 116° RWY 121°			1700	1360	1040	720

12

3.0° 60 M

1825 x 45

161 / 6hPa TDZ ---% -0.2%



12		VOR DME	VOR				Circling
C	ft - m/km ft	C 400 - 1.7V **530**	C 600 - 2.4V **690**				C 600 - 2.4V **780**
D	ft - m/km ft	C 400 - 2.0V **530**	C 600 - 2.8V **690**				C 700 - 3.6V **880**

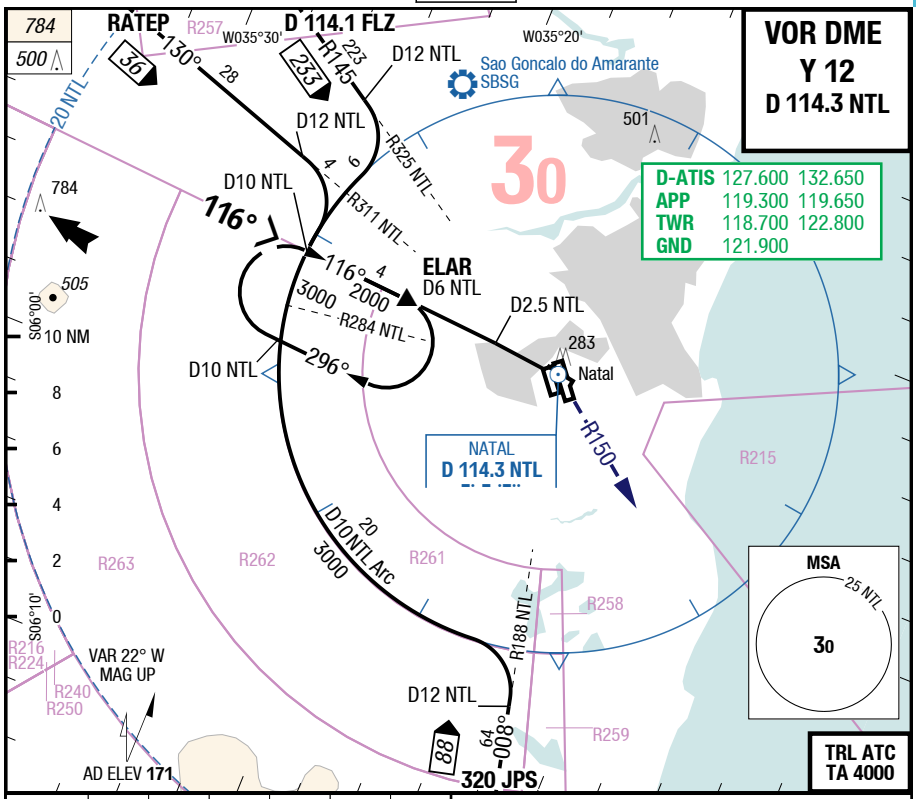
Changes: MIN

11-MAY-2017

NSA-SBNT

7-100

VOR DME Y 12



3.00° D NTL 116° RWY 121°	9.1	7	6	5	4	3
	3000	*2320*	2000	*1680*	*1360*	*1040*

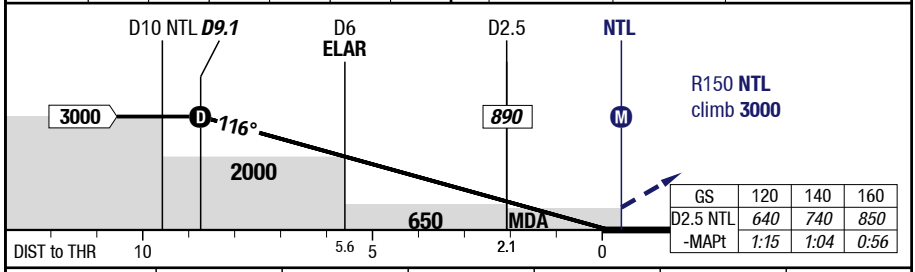
12

3.0°

60 M

1825 x 45

161 / 6hPa TDZ ---% -0.2%



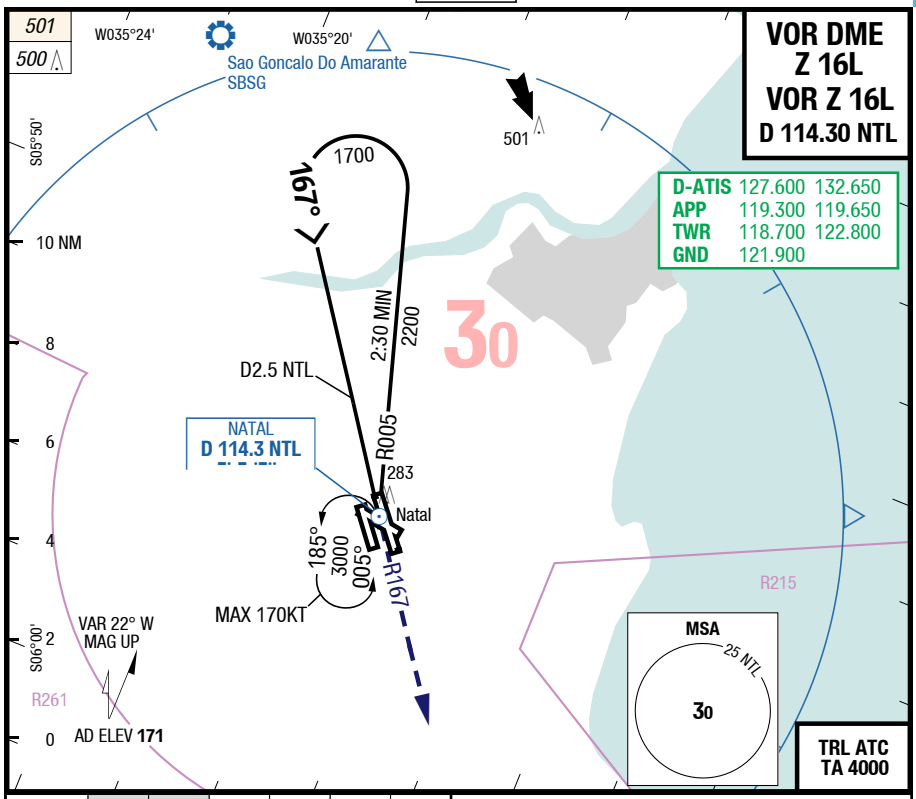
GS	120	140	160
D2.5 NTL -MAPt	*1:15*	*1:04*	*0:56*

12		VOR DME					Circling
C	ft - m/km ft	C 400 - 1.7V **530**					C 600 - 2.4V **780**
D	ft - m/km ft	C 400 - 2.0V **530**					C 700 - 3.6V **880**

Changes: Page Number

NSA-SBNT

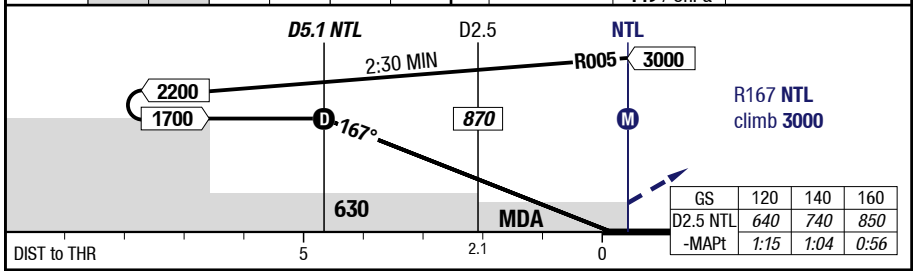
7-110 **VOR DME Z 16L / VOR Z 16L**



3.00°			5.1	4	3	2
D NTL						
167°			1700	*1350*	*1030*	*710*
RWY 163°						

16L

3.0°
2600 x 45
3.0°
60 M
149 / 5hPa
TDZ ---%
-0.1%



GS	120	140	160
D2.5 NTL	*640*	*740*	*850*
-MAPt	*1:15*	*1:04*	*0:56*

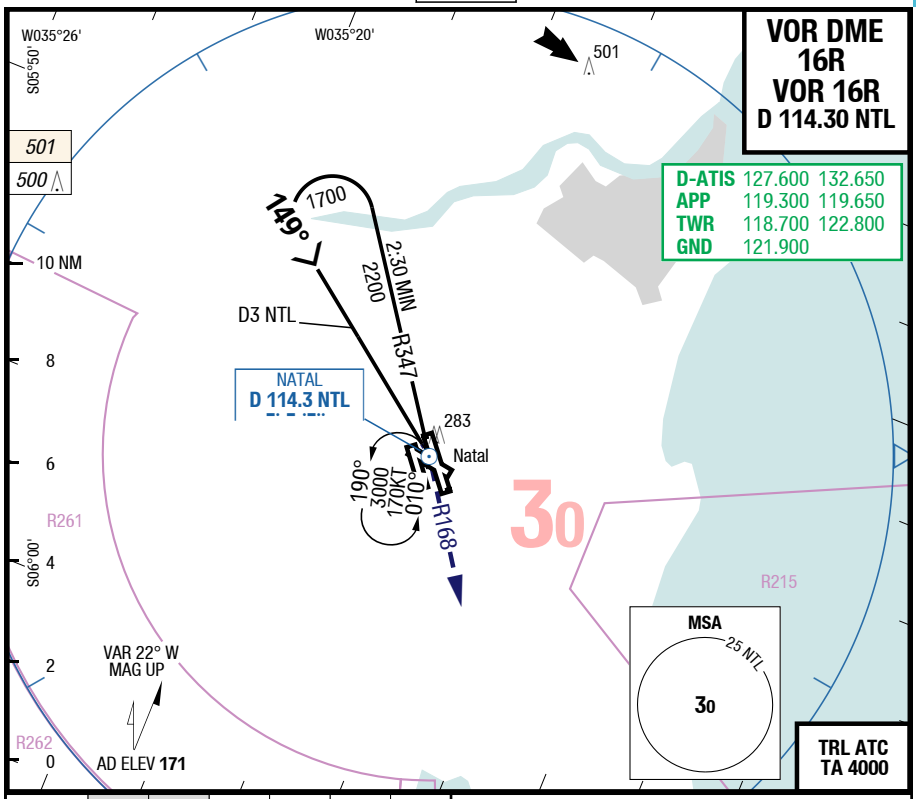
16L		VOR DME	VOR				Circling
C	ft - m/km ft	C 400 - 1.8V **530**	C 500 - 2.3V **630**				C 600 - 2.4V **780**
D	ft - m/km ft	C 400 - 2.0V **530**	C 500 - 2.4V **630**				C 700 - 3.6V **880**

Changes: Page Number

NSA-SBNT

7-120

VOR DME 16R / VOR 16R



3.00°			5.1	4	3	2
D NTL 149°			1700	1370	1050	730

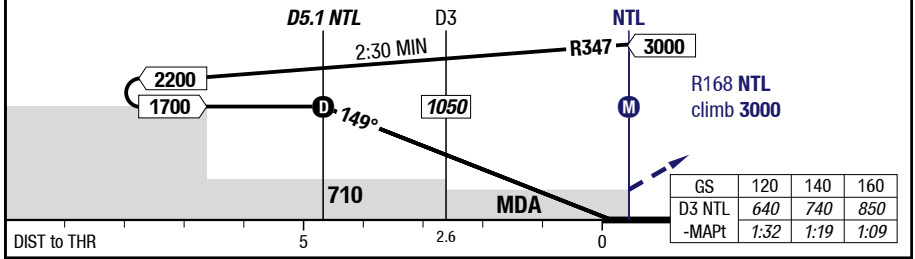
RWY 163°

16R

1800 x 45 — 60 M

3.0°

161 / 6hPa — TDZ ---% — -0.2%



GS	120	140	160
D3 NTL	640	740	850
-MAPt	1:32	1:19	1:09

16R		VOR DME	VOR	SRA	Circling VOR DME	Circling VOR	Circling SRA
C	ft - m/km ft	C 400 - 1.7V **530**	C 600 - 2.5V **710**	C 400 - 2.0V **560**	C 600 - 2.4V **780**	C 600 - 2.5V **780**	C 500 - 2.4V **780**
D	ft - m/km ft	C 400 - 2.0V **530**	C 600 - 2.8V **710**	C 400 - 2.4V **560**	C 700 - 3.6V **880**	C 700 - 3.6V **880**	C 600 - 3.6V **880**

Changes: Page Number