

## GENERAL

## Operational Hours

ATS Hours: H24

AD Operator Hours: Not AVBL

## Airport Information

**RFF:** CAT 5 1000-0100‡  
**Fuel:** AVGAS 100/130 0900-0100‡  
**PCN:** RWY 15/33: 71F/A/X/T  
**Customs:** Not AVBL

## Operation

## RWY Restriction

RWY 15/33 AVBL:

- for ACFT with wingspan 45m / 148ft or below; or
- for ACFT with wingspan above 45m / 148ft that can make a 180°-turn within the width of the RWY.

ACFT with wingspan above 45m / 148ft that has passed turn-around area situated at displaced THR 33 will not be able to turn.

## Engine Run-up Areas

In case of run-up area is not AVBL perform ENG run-up on THR 33 from 0300-0730‡ with prior coordination with AD.

Prohibited ENG run-up in the front of DEP hall of CTA authorities.

## Warnings

Exercise caution at TWY E between general aviation APN and THR 33 due to visual restriction of TWR. Birds in vicinity of AD.

## ARRIVAL

## Communication

**COM Failure:** See CRAR and in addition;  
 Complete ARR and execute PROC authorized by ATC.

## DEPARTURE

## Take-off Minima

RWY		15/33		
Multi ENG	ft - m/km	c200 - 500R/600V	HJ only	TKOF ALTN AVBL
		c200 - 800R/800V	HN	
All ACFT		c500 - 2.1V	-	

## Departure Procedure

## Push-back

Push-back mandatory to exit APN 2 for ACFT with wingspan above 20m / 66ft.

SJK-SBSJ

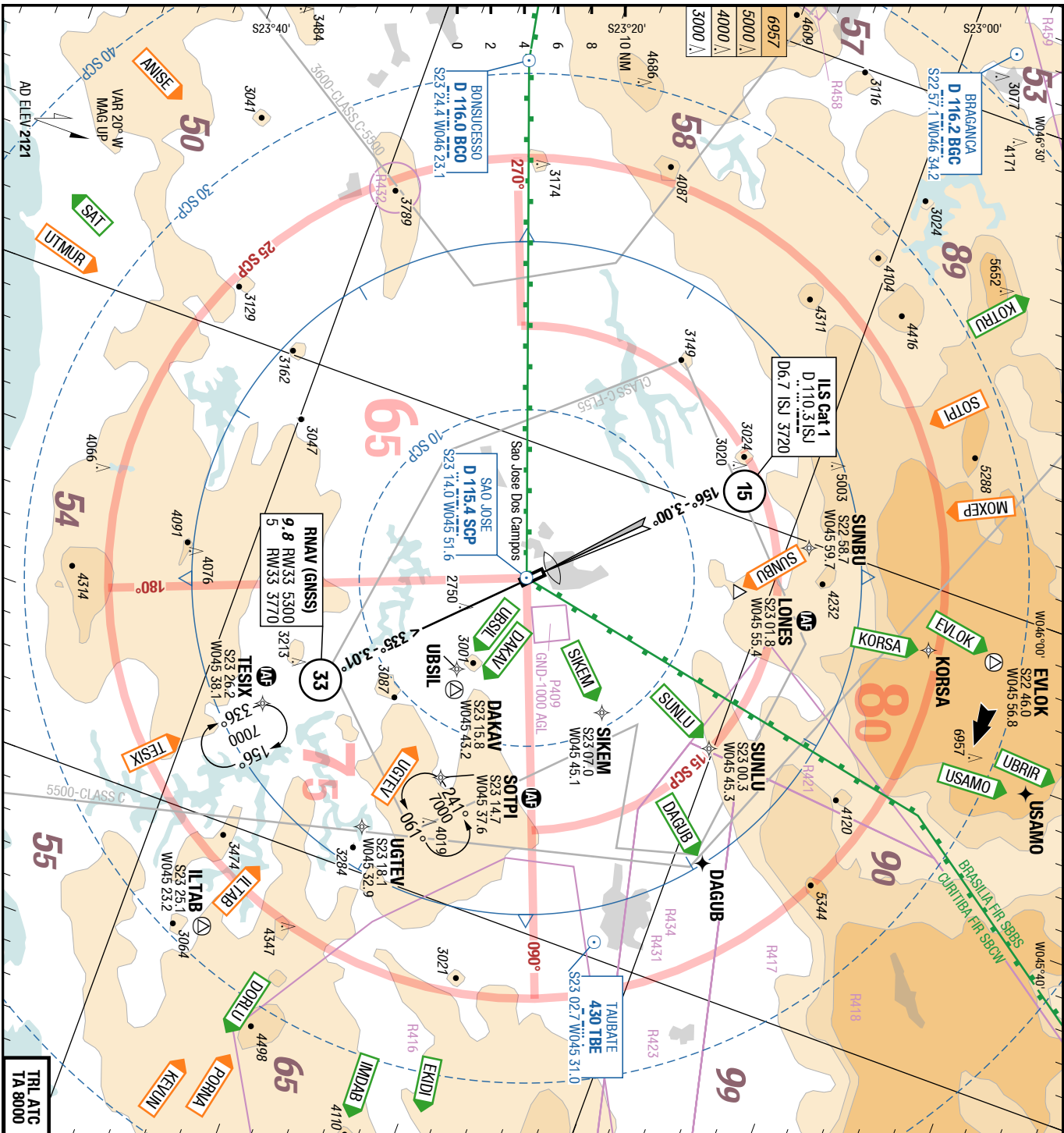
2-10

AFC

AFC

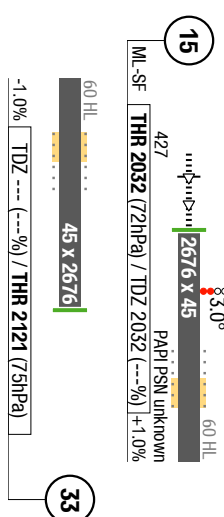
AFC

AFC



D-ATIS	127.925
Sao Paulo APP	120.450
	129.050
	121.350
	129.750
	123.900
TWR	118.500
GND	121.950
DLV	122.500
DCL	

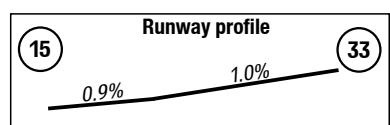
Landing RWY system:



D-ATIS	127.925
TWR	118.500
GND	121.950
DLV	122.500
DCL	122.500

Use caution when taxiing on TWY E between Apron 2 and THR RWY 33 due to TWR visual restriction.

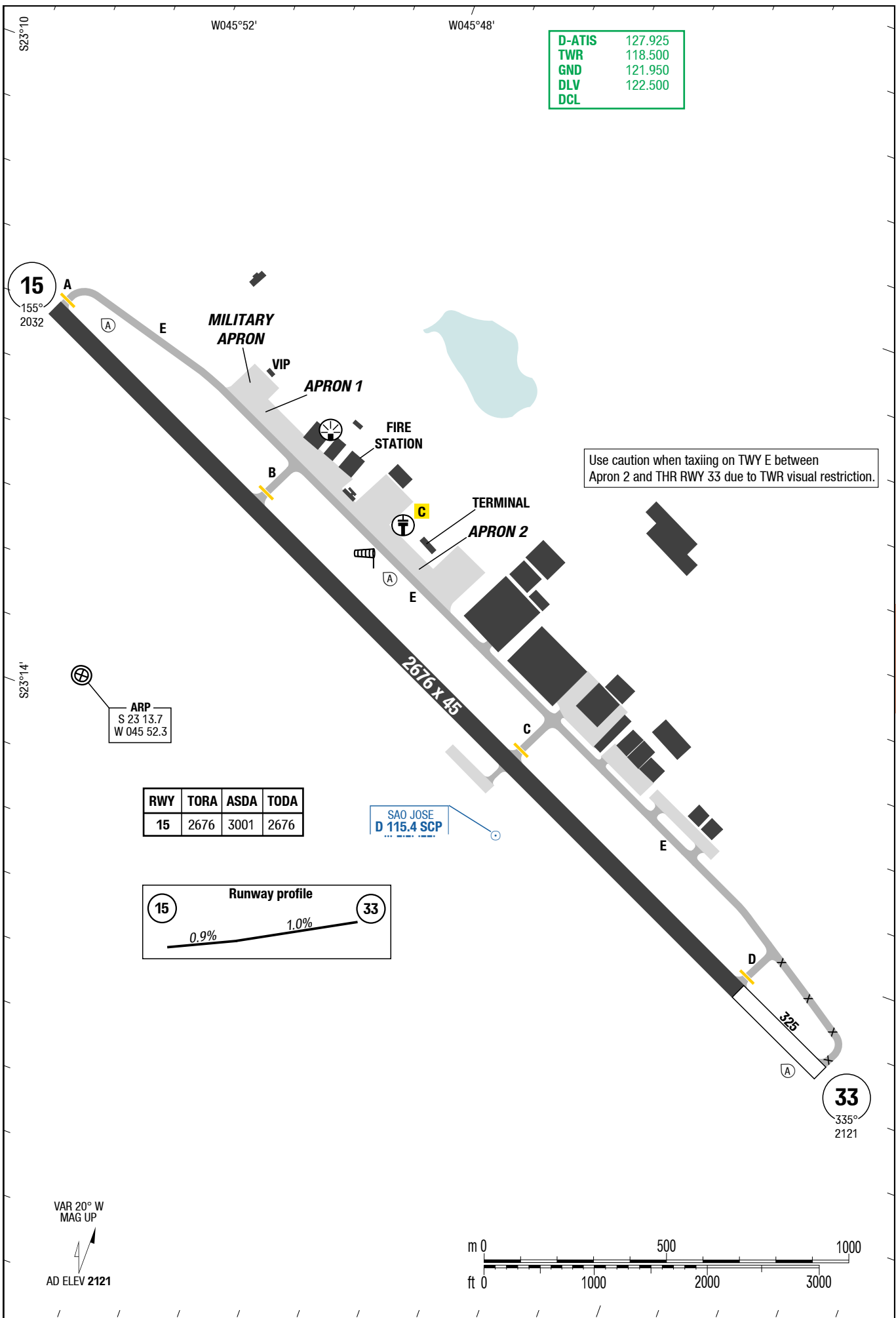
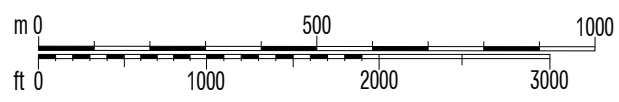
RWY	TORA	ASDA	TODA
15	2676	3001	2676



ARP  
S 23 13.7  
W 045 52.3

SAO JOSE  
D 115.4 SCP

VAR 20° W  
MAG UP  
AD ELEV 2121



Changes: FREQ, THR ELEV, AD ELEV

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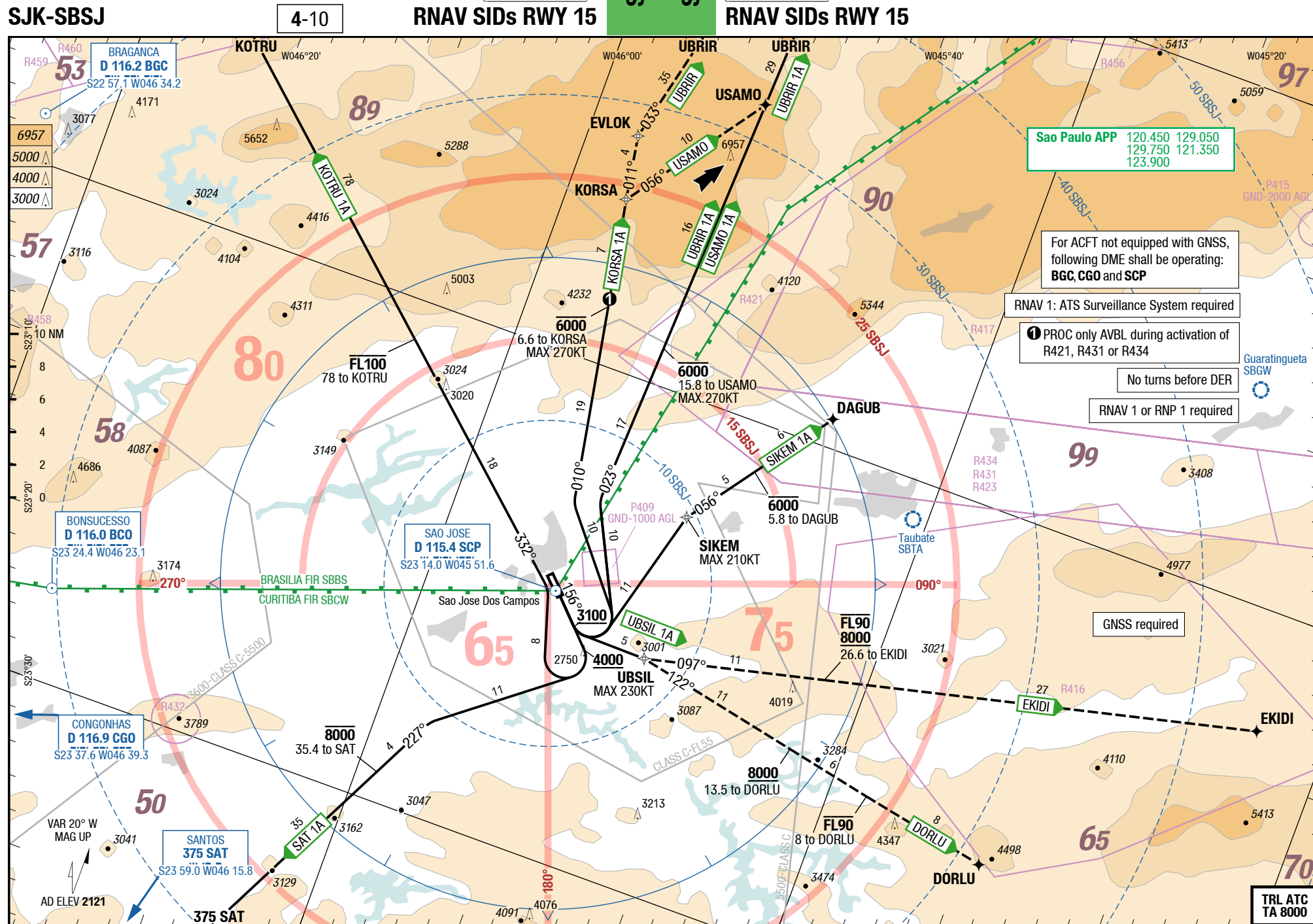
## RNAV SIDs RWY 33

SID

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## RNAV SIDs RWY 33

## RNAV SIDs RWY 15



Changes: ASP, ALT, MGA, FREQ, OBST

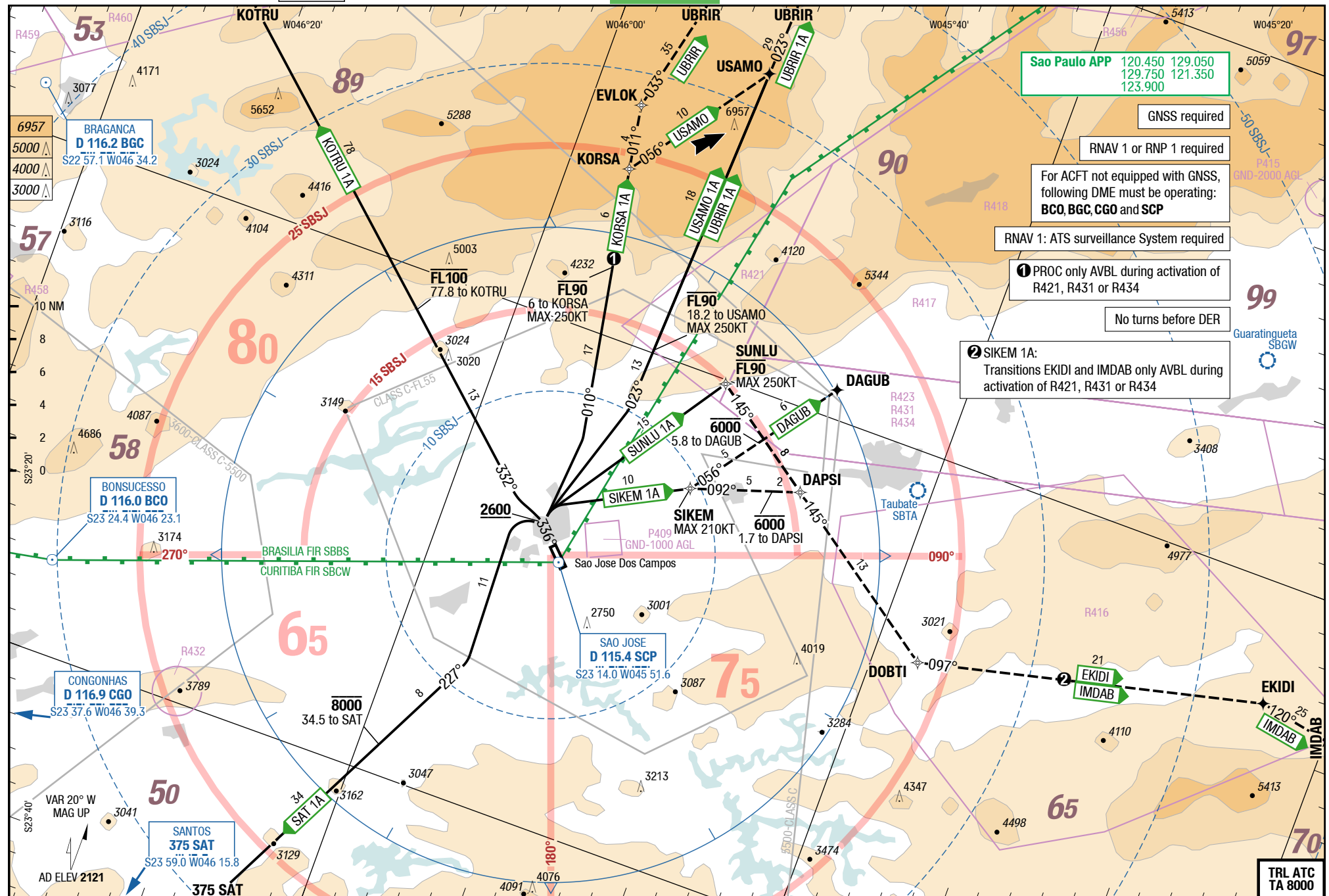
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SID

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## RNAV SIDs RWY 33

## RNAV SIDs RWY 33





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Brazil **Sao Jose Dos Campos** Professor Urbano Ernesto Stumpf Intl

SIDs RWY 33

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## SIDs RWY 33

## SIDs RWY 15



Changes: ASP, ALT, MGA, FREQ, OBST

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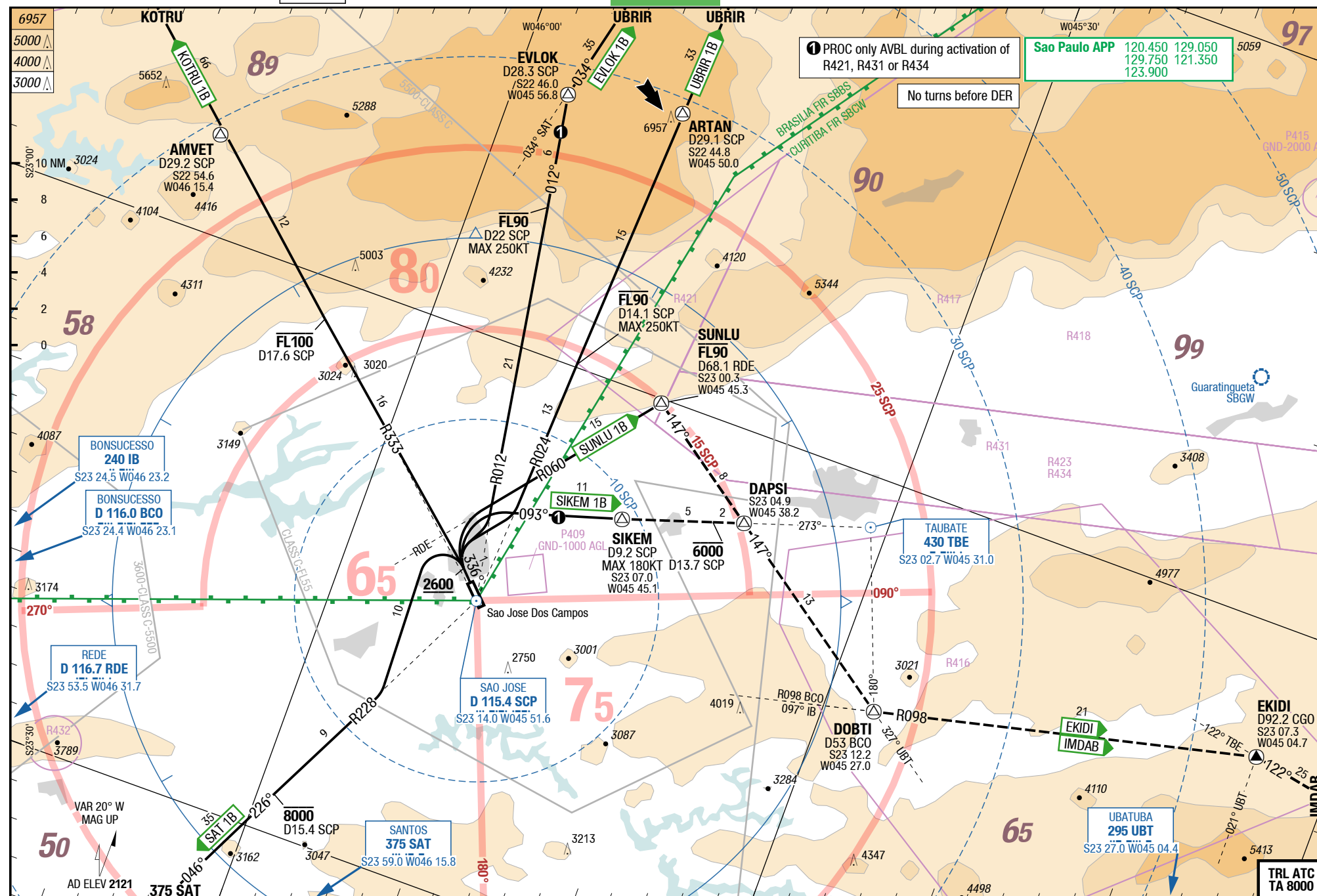
DIS

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4-40

## SIDs RWY 33

## SIDs RWY 33



Changes: ALT, ASP, MGA, FREQ, OBST

TRL ATC  
TA 8000

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5-10

RNAV SIDs RWY 15

SIDPT

KORSA 1A / KOTRU 1A / SANTOS 1A / SIKEM 1A / UBRIR 1A / UBSIL 1A / USAMO 1A  
RWY 15 (155°)

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200
5.0%	ft/MIN	700	800	1000	1100	1300	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 15</b>	
<b>KORSA 1A</b> 5.0% to 3100 4.2% ①②	[A3100+ ;L] - KORSA [K270-]	6.6 NM to KORSA MAX <b>6000</b>
	<b>TRANSITION</b>	
	<b>UBRIR</b> KORSA - EVLOK - UBRIR	
	<b>USAMO</b> KORSA - USAMO	
<b>KOTRU 1A</b> 7.0% to 7000	[A4000+ ;R] - KOTRU	78 NM to KOTRU MAX <b>FL100</b>
<b>SANTOS 1A</b> <b>SAT 1A</b> 5.0% to 3100	[A4000+ ;R] - SAT	35.4 NM to <b>SAT</b> MAX <b>8000</b>
<b>SIKEM 1A</b> 5.0% to 3100	[A3100+ ;L] - SIKEM [K210-] - DAGUB	5.8 NM to DAGUB MAX <b>6000</b>
<b>UBRIR 1A</b> 5.0% to 3100 4.2% ①	[A3100+ ;L] - USAMO [K270-] - UBRIR	15.8 NM to USAMO MAX <b>6000</b>
<b>UBSIL 1A</b> DORLU and EKIDI transition: 5.0% to 8000	[A3100+] - UBSIL [K230-]	
	<b>TRANSITION</b>	
	<b>DORLU</b> UBSIL [K230-] - DORLU	13.5 NM to DORLU MNM <b>8000</b> 8 NM to DORLU MAX <b>FL90</b>
	<b>EKIDI</b> UBSIL [K230-] - EKIDI	26.6 NM to EKIDI between <b>8000</b> and <b>FL90</b>
<b>USAMO 1A</b> 5.0% to 3100 4.2% ①	[A3100+ ;L] - USAMO [K270-]	15.8 NM to USAMO MAX <b>6000</b>

① Climb gradient 4.2% after restriction of 6000 until 8000.

② PROC only AVBL during activation of R421, R431 or R434.

Changes: ALT



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RNAV SIDs RWY 33

SIDPT

KORSA 1A / KOTRU 1A / SANTOS 1A / SIKEM 1A / SUNLU 1A / UBRIR 1A / USAMO 1A  
RWY 33 (335°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 33</b>	
<b>KORSA 1A</b> 4.5% to 5500 ①	[A2600+ ;R] - KORSA [K250-]	6 NM to KORSA MAX <b>FL90</b>
	<b>TRANSITION</b>	
	<b>UBRIR</b> KORSA - EVLOK - UBRIR	
	<b>USAMO</b> KORSA - USAMO	
<b>KOTRU 1A</b> 4.5% to 2600	[A2600+ ;L] - KOTRU	77.8 NM to KOTRU MAX <b>FL100</b>
<b>SANTOS 1A</b> <b>SAT 1A</b> 4.5% to 2600	[A2600+ ;L] - SAT	34.5 NM to <b>SAT</b> MAX <b>8000</b>
<b>SIKEM 1A</b> 4.5% to 2600 ②	[A2600+ ;R] - SIKEM [K210-]	
	<b>TRANSITION</b>	
	<b>DAGUB</b> SIKEM [K210-] - DAGUB	5.8 NM to DAGUB MAX <b>6000</b>
	<b>EKIDI</b> SIKEM [K210-] - DAPSI - DOBTI - EKIDI	1.7 NM to DAPSI MAX <b>6000</b>
	<b>IMDAB</b> SIKEM [K210-] - DAPSI - DOBTI - EKIDI - IMDAB	1.7 NM to DAPSI MAX <b>6000</b>
<b>SUNLU 1A</b> 4.5% to 2600	[A2600+ ;R] - SUNLU [K250-]	SUNLU MAX <b>FL90</b>
	<b>TRANSITION</b>	
	<b>EKIDI</b> SUNLU [K250-] - DAPSI - DOBTI - EKIDI	
	<b>IMDAB</b> SUNLU [K250-] - DAPSI - DOBTI - EKIDI - IMDAB	
<b>UBRIR 1A</b> 4.5% to 5500	[A2600+ ;R] - USAMO [K250-] - UBRIR	18.2 NM to USAMO MAX <b>FL90</b>
<b>USAMO 1A</b> 4.5% to 5500	[A2600+ ;R] - USAMO [K250-]	18.2 NM to USAMO MAX <b>FL90</b>

① PROC only AVBL during activation of R421, R431 or R434

② Transitions EKIDI and IMDAB only AVBL during activation of R421, R431 or R434

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SIDs RWY 15

SIDPT

**DAKAV 1B / EVLOK 1B / KOTRU 1B / SANTOS 1B / UBRIR 1B**

RWY 15 (155°)

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200
5.0%	ft/MIN	700	800	1000	1100	1300	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 15</b>	
<b>DAKAV 1B</b> 5.0% to 8000	156° - at MNM <b>3100 LT</b> intercept R124 <b>SCP</b> to DAKAV (MAX 210KT)	
	<b>TRANSITION</b>	
	<b>DORLU</b> DAKAV - R124 <b>SCP</b> to DORLU	D17.3 <b>SCP</b> MNM <b>8000</b> D22.8 <b>SCP</b> MAX <b>FL90</b>
	<b>EKIDI</b> DAKAV - <b>LT</b> intercept R098 <b>BCO</b> (QDR 097 <b>IB</b> ) to EKIDI	D47.6 <b>BCO</b> / R110/D17.4 <b>SCP</b> between <b>8000</b> and <b>FL90</b>
<b>EVLOK 1B</b> 5.0% to 3100 4.2% ①②	156° - at MNM <b>3100 LT</b> intercept R012 <b>SCP</b> (D17.7 <b>SCP</b> MAX 210KT) to EVLOK - <b>RT</b> intercept QDR 034 <b>SAT</b> to UBRIR	D17.7 <b>SCP</b> MAX <b>6000</b>
<b>KOTRU 1B</b> 7.0% to 7000	156° - at MNM <b>4000 RT</b> intercept R333 <b>SCP</b> to AMVET - KOTRU	D17.6 <b>SCP</b> MAX <b>FL100</b>
<b>SANTOS 1B</b> <b>SAT 1B</b> 5.0% to 3100	156° - at MNM <b>4000 RT</b> intercept R228 <b>SCP</b> to <b>SAT</b>	D15.4 <b>SCP</b> MAX <b>8000</b>
<b>UBRIR 1B</b> 5.0% to 3100 4.2% ①	156° - at MNM <b>3100 LT</b> intercept R024 <b>SCP</b> (D16.2 <b>SCP</b> MAX 270KT) to ARTAN - UBRIR	D16.2 <b>SCP</b> MAX <b>6000</b>

① Climb gradient 4,2% after restriction of 6000 until 8000.

② PROC only AVBL during activation of R421, R431 or R434.

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SIDs RWY 33

SIDPT

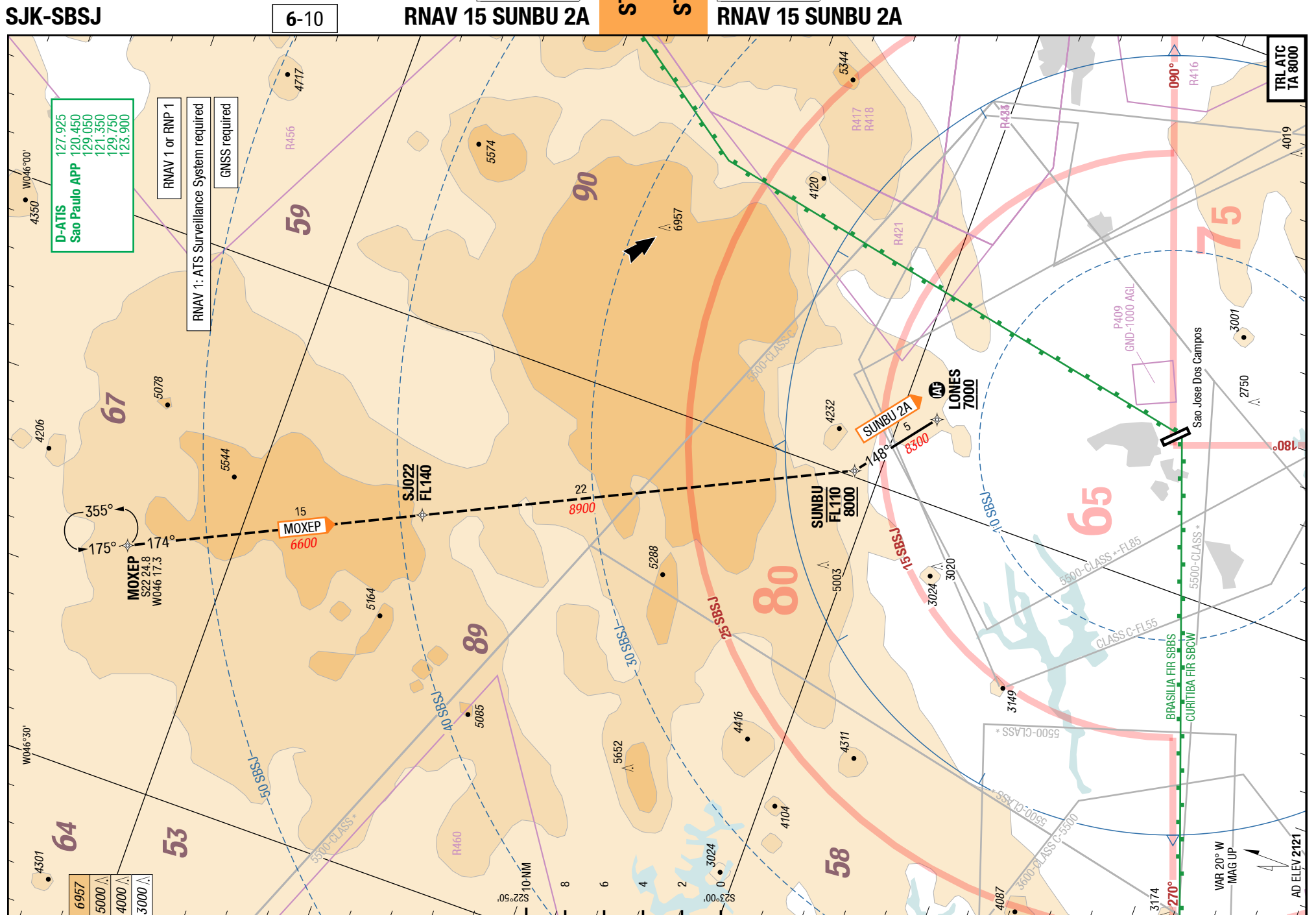
EVLOK 1B / KOTRU 1B / SANTOS 1B / SIKEM 1B / SUNLU 1B / UBRIR 1B

RWY 33 (335°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 33</b>	
<b>EVLOK 1B</b> ①	336° - at MNM <b>2600 RT</b> intercept R012 <b>SCP</b> (D22 <b>SCP</b> MAX 250KT) to ELVOK - <b>RT</b> intercept QDR 034 <b>SAT</b> to UBRIR	D22 <b>SCP</b> MAX <b>FL90</b>
<b>KOTRU 1B</b> 4.5% to 2600	336° - at MNM <b>2600 LT</b> intercept R333 <b>SCP</b> to KOTRU	D17.6 <b>SCP</b> MAX <b>FL100</b>
<b>SANTOS 1B</b> <b>SAT 1B</b> 4.5% to 2600	336° - at MNM <b>2600 LT</b> intercept R228 <b>SCP</b> to <b>SAT</b>	D15.4 <b>SCP</b> MAX <b>8000</b>
<b>SIKEM 1B</b> 4.5% to 2600 ①	336° - at MNM <b>2600 RT</b> intercept QDM 093 <b>TBE</b> to SIKEM (MAX 180KT)	
	<b>TRANSITION</b>	
	<b>EKIDI</b> SIKEM - QDM 093 <b>TBE</b> to <b>DAPSI</b> - <b>RT</b> intercept QDM 147 <b>UBT</b> to DOBTI - <b>LT</b> intercept R098 <b>BCO</b> /QDR 097 <b>IB</b> to EKIDI	D13.7 <b>SCP</b> MAX <b>6000</b>
	<b>IMDAB</b> SIKEM - QDM 093 <b>TBE</b> to <b>DAPSI</b> - <b>RT</b> intercept QDM 147 <b>UBT</b> to DOBTI - <b>LT</b> intercept R098 <b>BCO</b> /QDR 097 <b>IB</b> to EKIDI - <b>RT</b> intercept QDR 122 <b>TBE</b> to IMDAB	D13.7 <b>SCP</b> MAX <b>6000</b>
<b>SUNLU 1B</b> 4.5% to 2600	336° - at MNM <b>2600 RT</b> intercept R060 <b>RDE</b> to SUNLU	SUNLU MAX <b>FL90</b>
	<b>TRANSITION</b>	
	<b>EKIDI</b> SUNLU - <b>RT</b> intercept QDM 147 <b>UBT</b> to DOBTI - <b>LT</b> intercept R098 <b>BCO</b> /QDR 097 <b>IB</b> to EKIDI	
	<b>IMDAB</b> SUNLU - <b>RT</b> intercept QDM 147 <b>UBT</b> to DOBTI - <b>LT</b> intercept R098 <b>BCO</b> /QDR 097 <b>IB</b> to EKIDI - <b>RT</b> intercept QDR 122 <b>TBE</b> to IMBAD	
<b>UBRIR 1B</b> 4.5% to 5500	336° - at MNM <b>2600 RT</b> intercept R024 <b>SCP</b> (D14.1 <b>SCP</b> MAX 250KT) to UBRIR	D14.1 <b>SCP</b> MAX <b>FL90</b>

① PROC only AVBL during activation of R421, R431 or R434.



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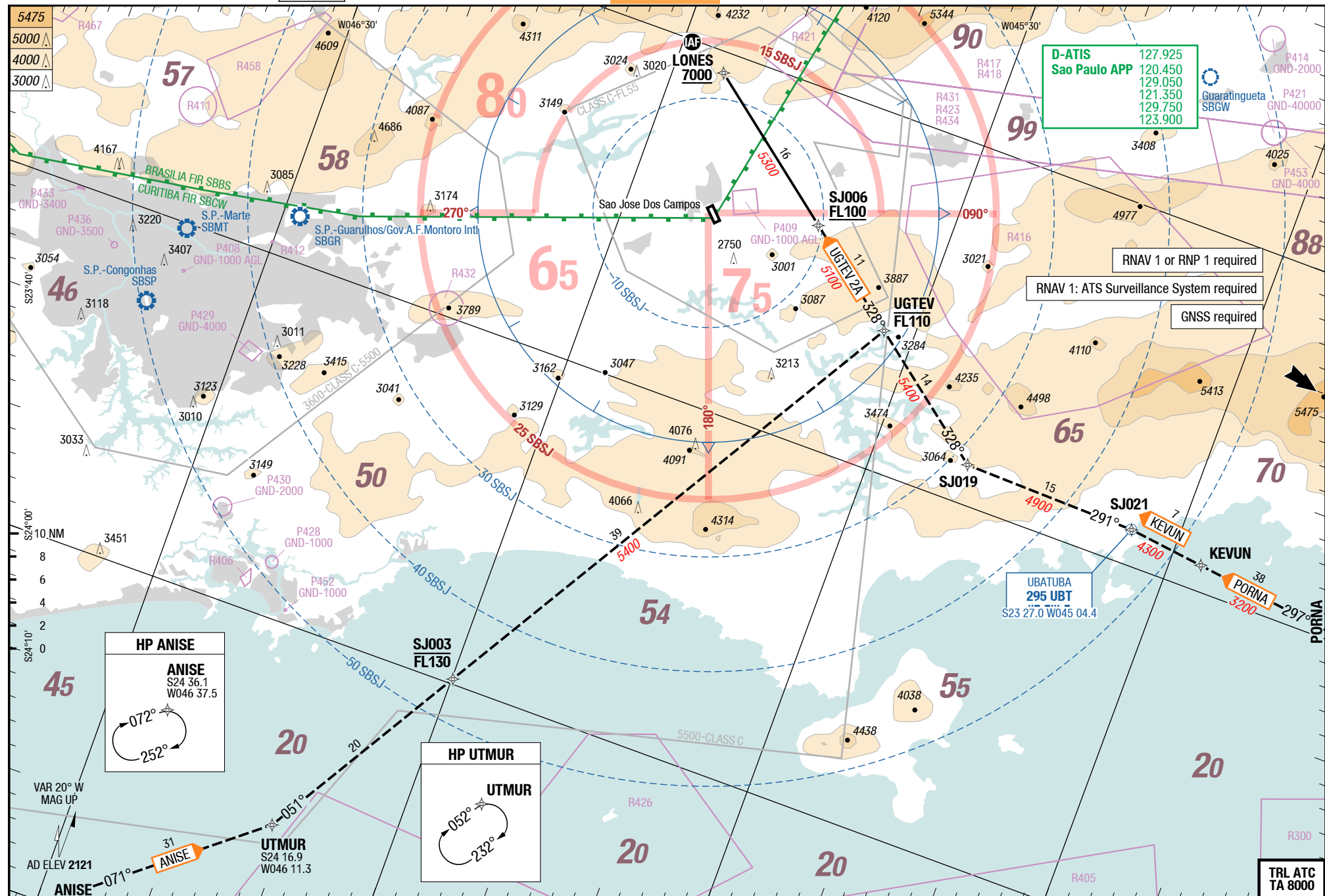
# STAR

# STAR

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## RNAV 15 UGTEV 2A

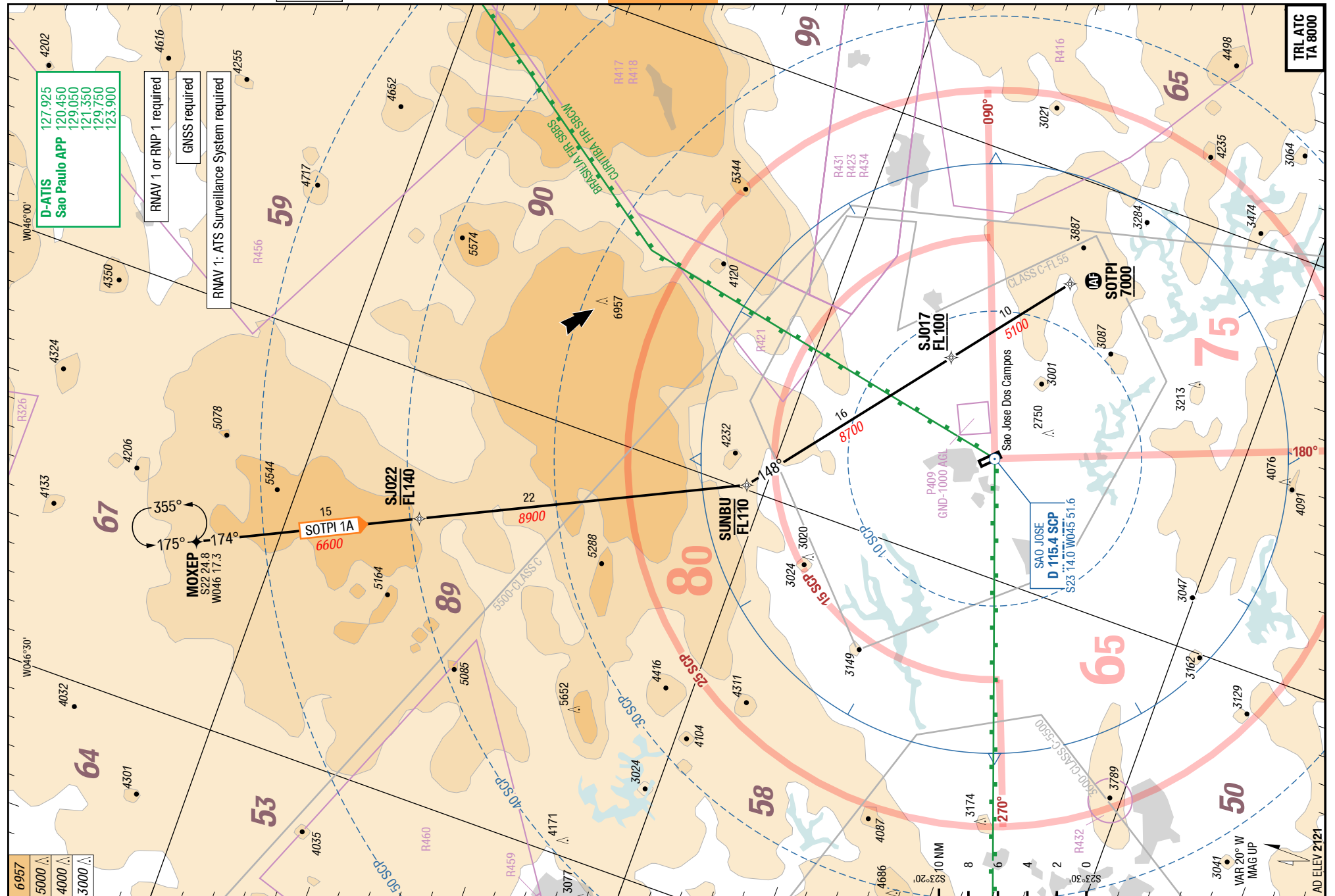
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**RNAV 15 UGTEV 2A**

Changes: Nil

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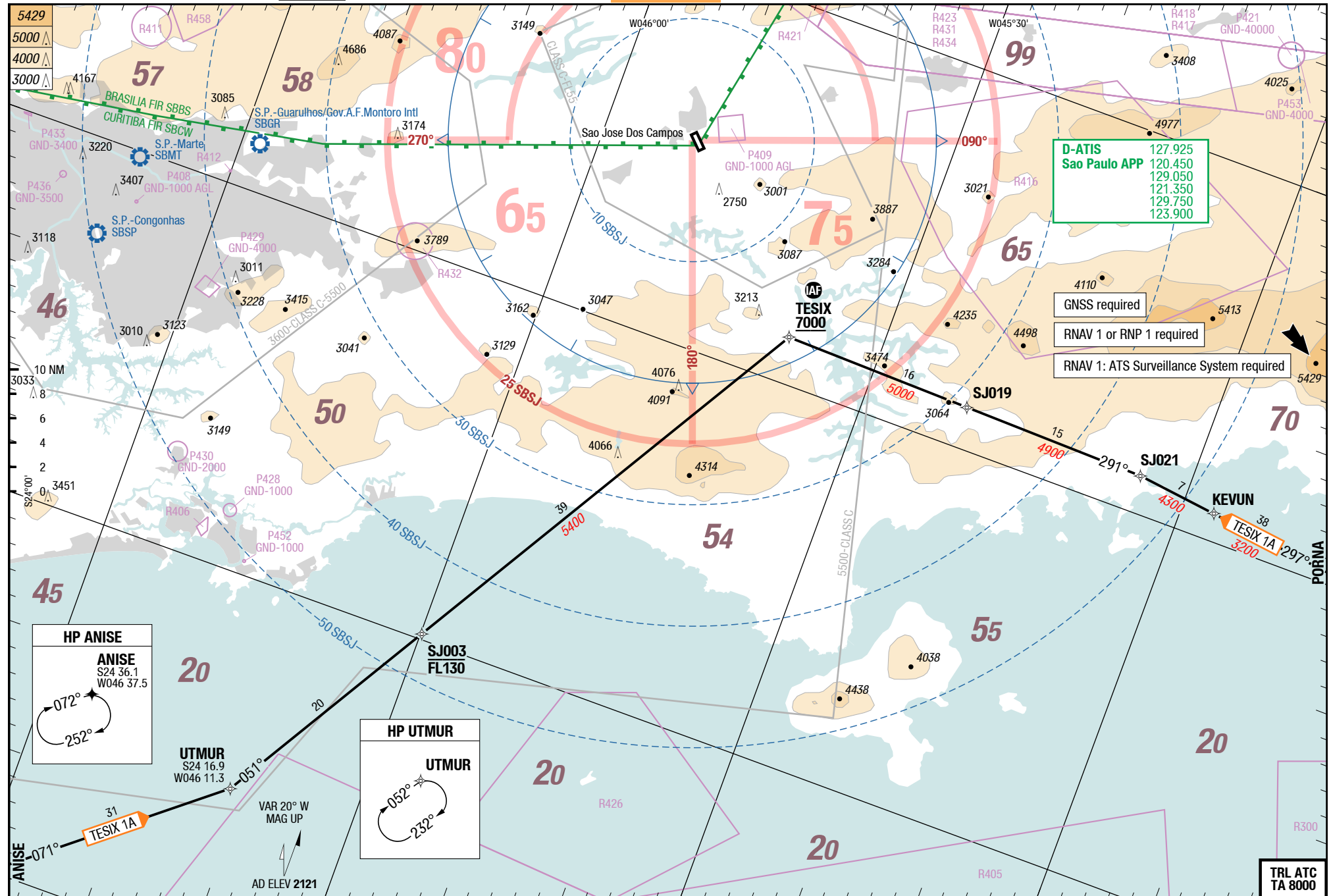
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RNAV 33 TESIX 1A



Changes: WPT , PROC, chart layout, chart title, FREQ

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Effective 12-OCT-2017

05-OCT-2017

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STARs RWY 33

6-50

STARs RWY 15

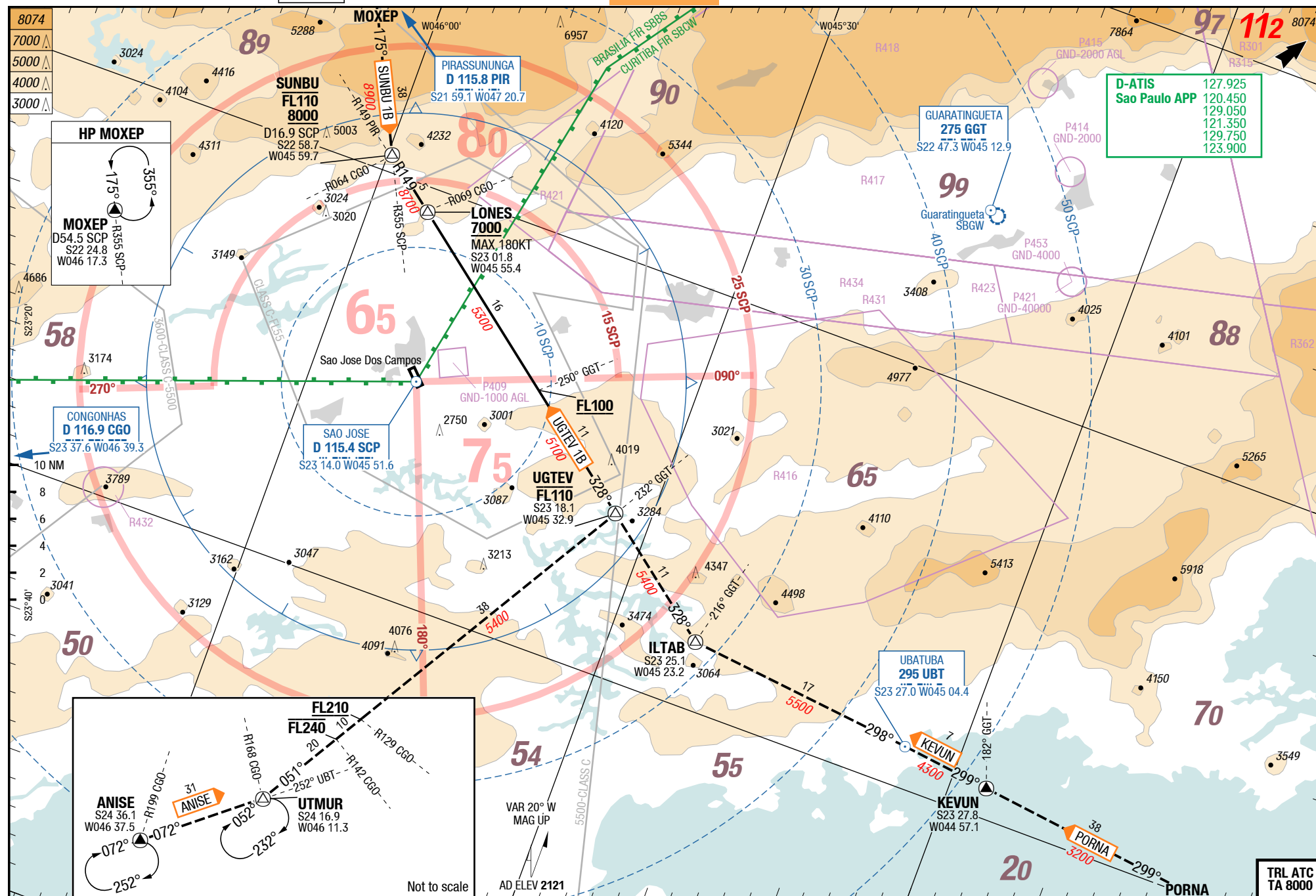
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STARs RWY 33

STARs RWY 15

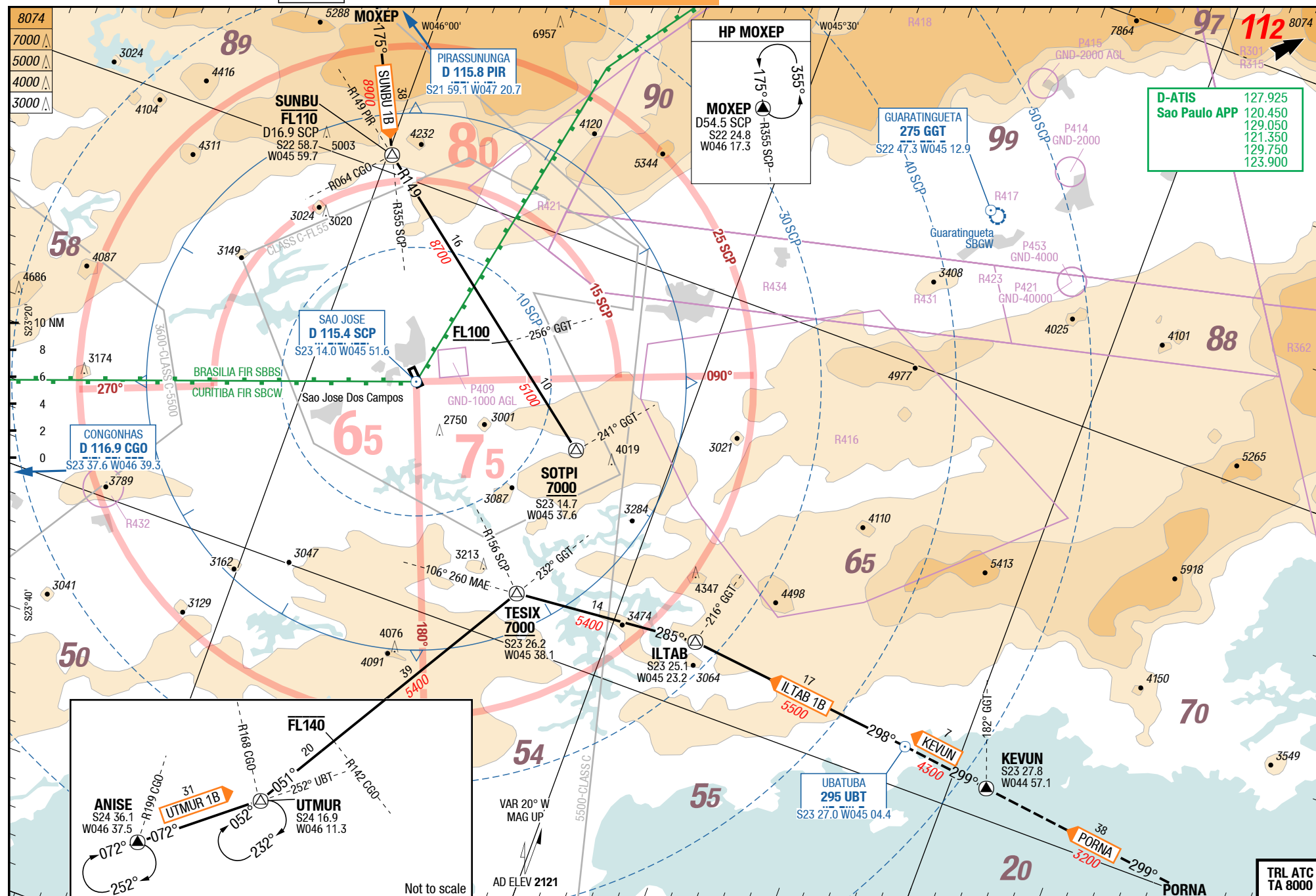


Changes: MTCA, MGA, FREQ, OBST



## STARs RWY 33

## STARs RWY 33



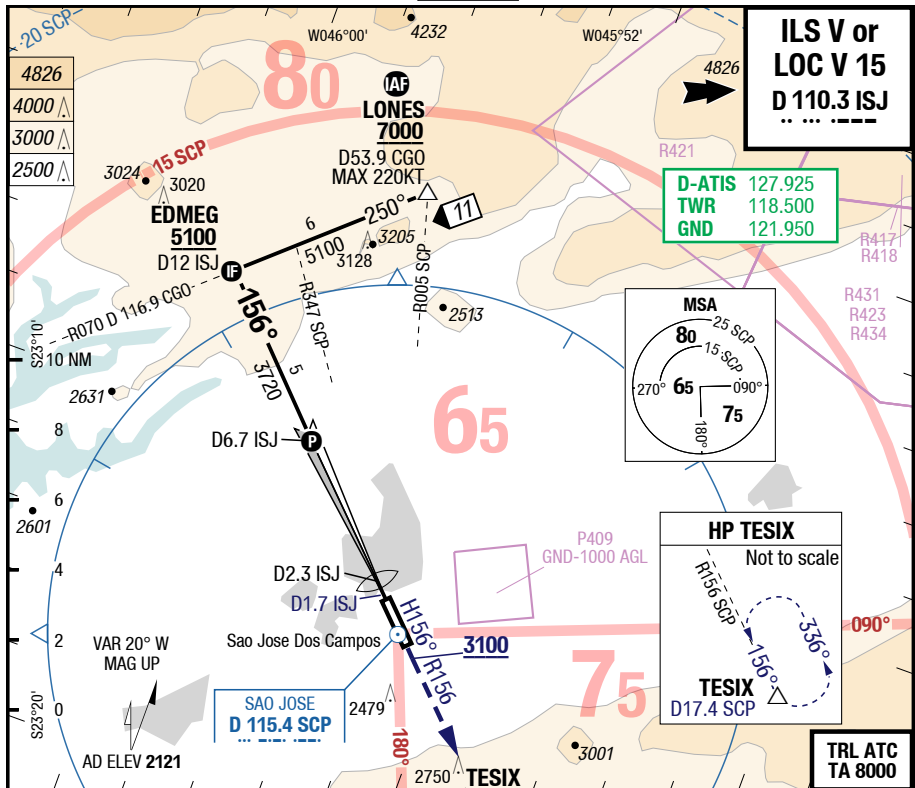
05-OCT-2017

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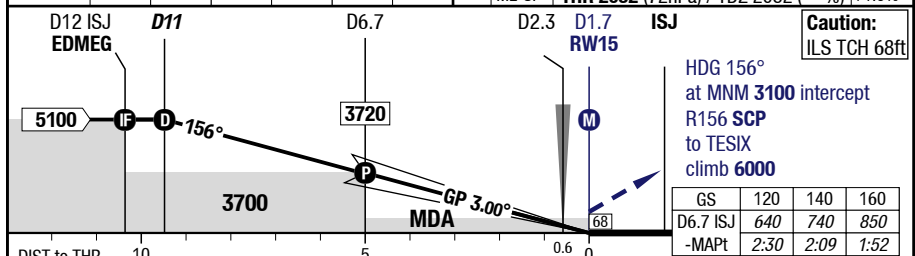
7-10

ILS V or LOC V 15

IAC



LOC 3.00°	11	10	8	6	5	4	15	83.0°	60 HL
D ISJ	5100	4780	4130	3480	3160	2830	ML-SF	2676 x 45	PAPI PSN unknown
RWY 155°								THR 2032 (72hPa) / TDZ 2032 (---%) +1.0%	



15	Cat 1 DME GA 4.0% 1)	LOC DME GA 4.0%			Circling SW of AD only
C	ft - m/km ft C 200 - 1.1R/1.2V 2240	C 500 - 1.8V 2510			C 900 - 4.0V 2970
D	ft - m/km ft C 200 - 1.1R/1.2V 2240	C 500 - 1.8V 2510			C 1200 - 4.8V 3310

1) With EVS RVR 750m/ VIS 800m

Changes: MIN, FREQ, THR ELEV, AD ELEV

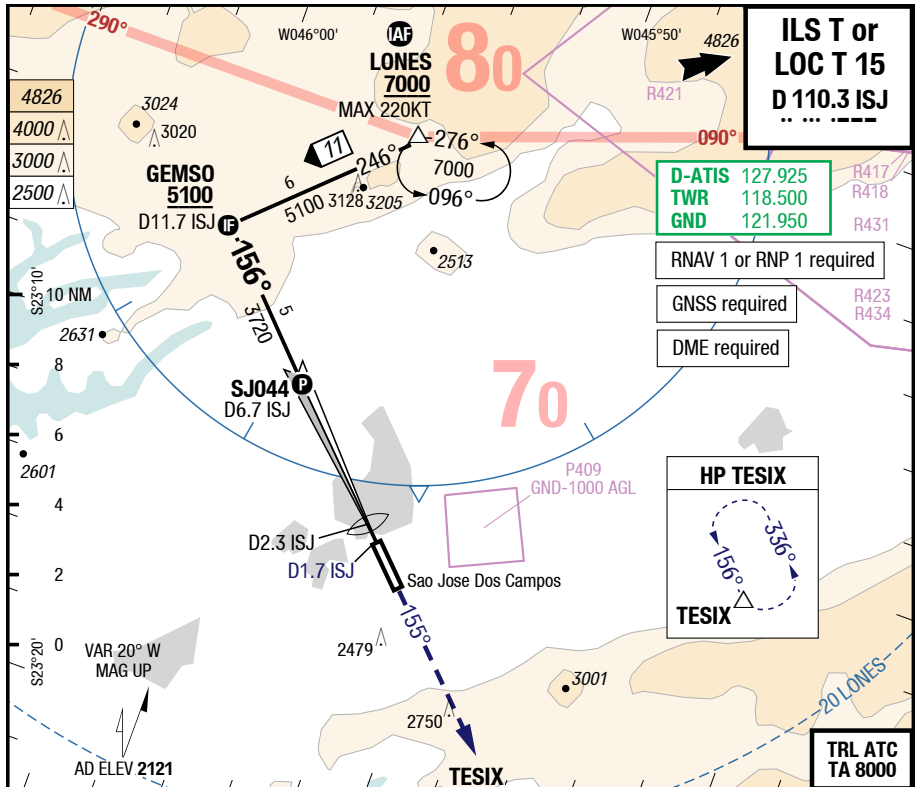


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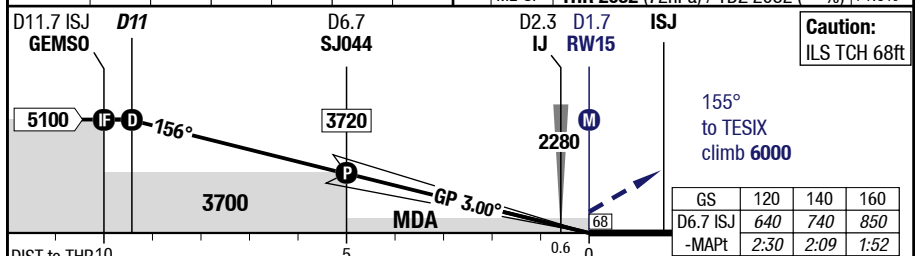
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7-20

ILS T or LOC T 15



LOC 3.00°	11	10	8	6	5	4	15	83.0°	60 HL
D ISJ	5100	4780	4130	3480	3160	2830	427	2676 x 45	PAPI PSN unknown
RWY 155°							ML-SF	THR 2032 (72hPa) / TDZ 2032 (---%)	+1.0%



15	Cat 1 DME GA 4.0% 1)	LOC DME GA 4.0%			Circling
C	ft - m/km ft C 200 - 1.1R/1.2V 2240	C 500 - 1.8V 2510			Not authorized
D	ft - m/km ft C 200 - 1.1R/1.2V 2240	C 500 - 1.8V 2510			Not authorized

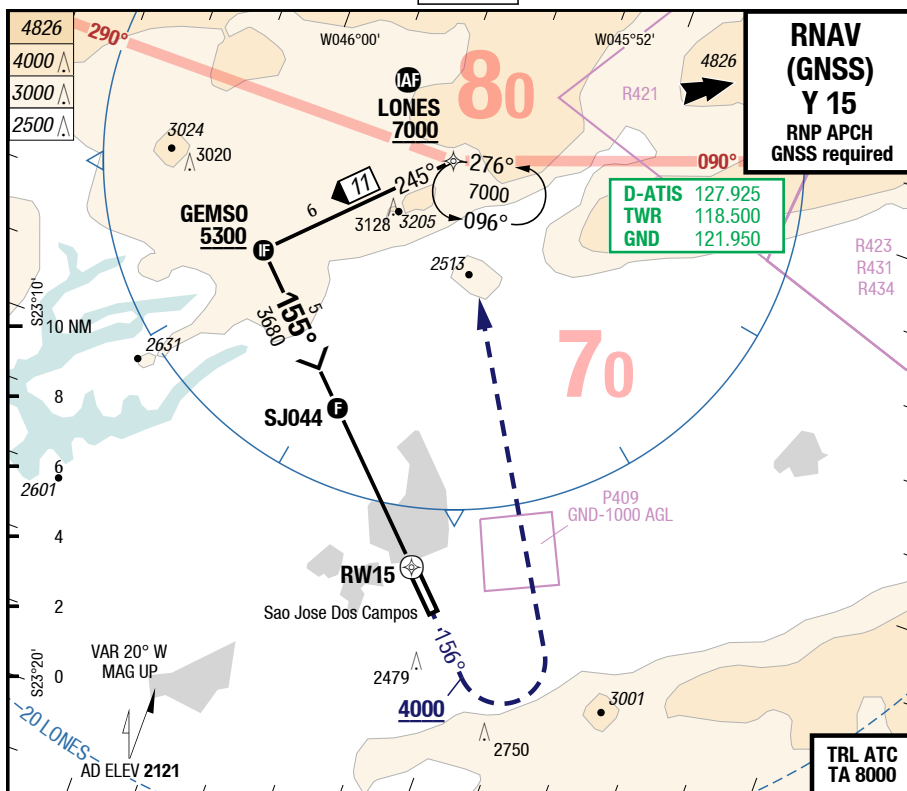
1) With EVS RVR 750m/ VIS 800m

Changes: MIN, FREQ, THR ELEV, AD ELEV

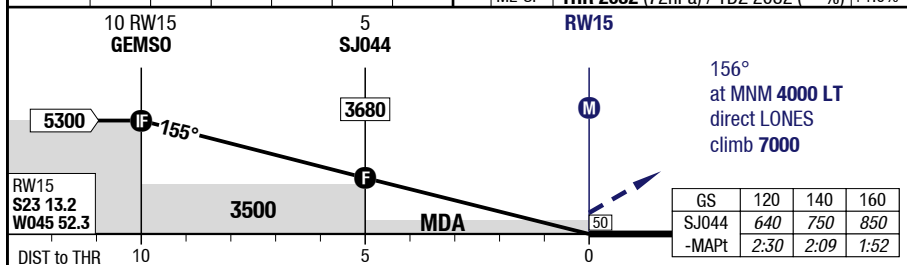
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7-30

RNAV (GNSS) Y 15



3.01° RW15	10	8	6	4	3	2	15	83.0° 2676 x 45 60 HL
	5300	4660	4020	3370	3050	2730	ML-SF	427 PAPI PSN unknown THR 2032 (72hPa) / TDZ 2032 (---%) +1.0%



15	RNAV GNSS VNAV GA 4.0% 1) 2)	RNAV GNSS LNAV GA 4.0%	Circling
C	ft - m/km ft C 500 - 1.8V 2510	C 500 - 1.8V 2510	Not authorized
D	ft - m/km ft C 500 - 1.8V 2510	C 500 - 1.8V 2510	Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)

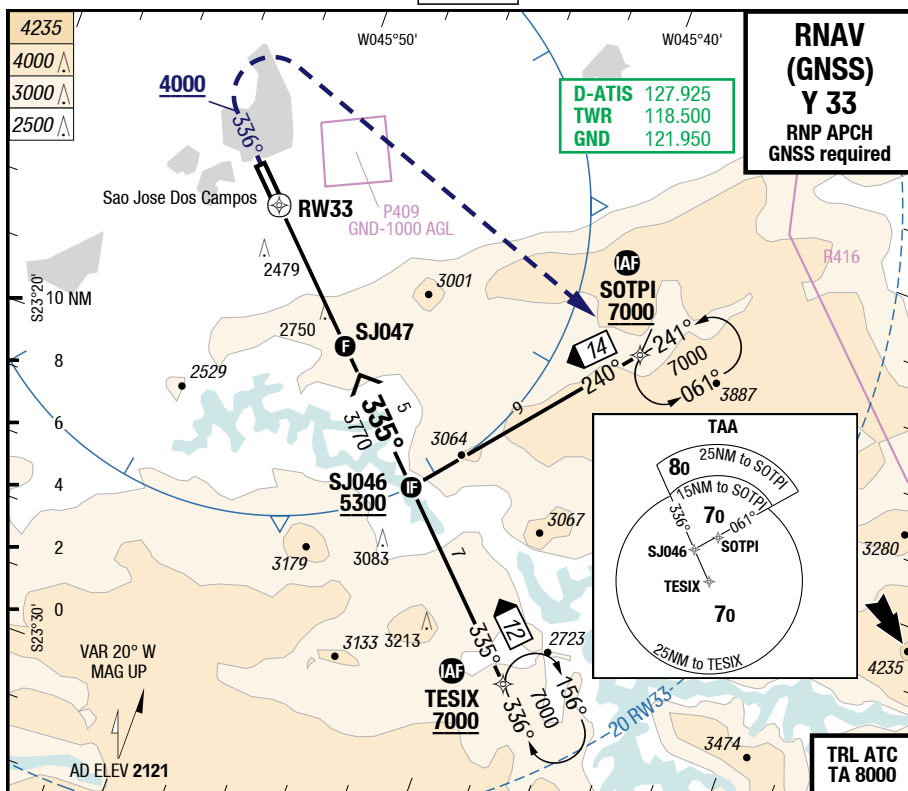
2) With EVS VIS 1.2km

Changes: MIN, FREQ, THR ELEV, AD ELEV

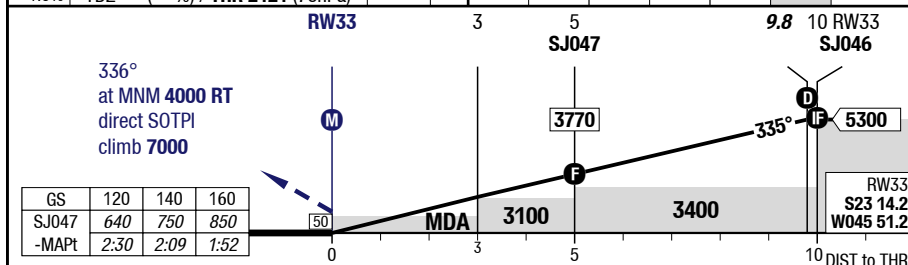
## SJK-SBSJ

**7-40**

## RNAV (GNSS) Y 33



60 HL	45 x 2676	33	2	4	6	8	9.8		3.01° RW33
-1.0% TDZ --- (---%) / THR 2121 (75hPa)			2810	3450	4090	4730	5300		



<b>33</b>		<b>RNAV GNSS</b> RNAV GA 5.0% 1) 2)	<b>RNAV GNSS</b> RNAV GA 5.0%				<b>Circling</b>
C	ft - m/km ft	C 500 - 2.1V <b>2580</b>	C 500 - 2.2V <b>2580</b>				Not authorized
D	ft - m/km ft	C 500 - 2.1V <b>2580</b>	C 500 - 2.2V <b>2580</b>				Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)

2) With EVS VIS 1.4km, wo EVS use STD

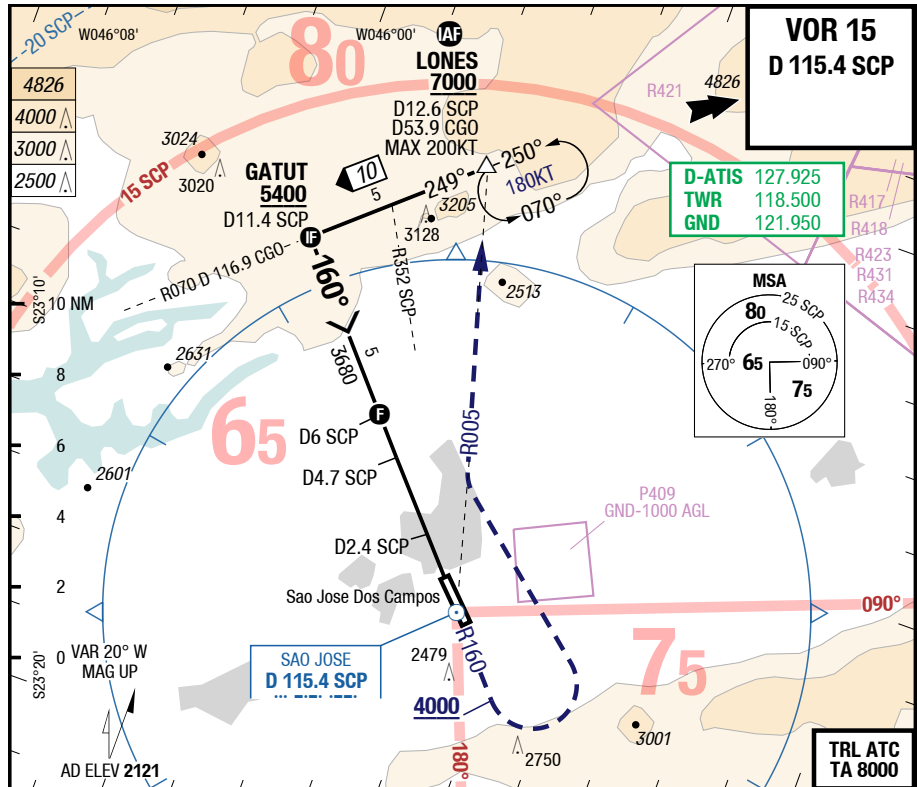
Changes: FREQ, AD ELEV

28-DEC-2017

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7-50

VOR 15



3.04° D SCP 160° RWY 155°	11.4	10	9	8	5	3	15		83.0° 60 HL																														
	5400	4970	4650	4330	3360	2720		427 ML-SF	PAPI PSN unknown THR 2032 (72hPa) / TDZ 2032 (---%) +1.0%																														
D11.4 SCP GATUT																																							
D6 D4.7 D2.4 SCP																																							
<table><tr><td>DIST to THR</td><td>10</td><td>5</td><td>3.7</td><td>1.4</td><td>0</td><td>GS</td><td>120</td><td>140</td><td>160</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>D6 SCP</td><td>650</td><td>750</td><td>860</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>-MAPt</td><td>3:00</td><td>2:34</td><td>2:15</td></tr></table>										DIST to THR	10	5	3.7	1.4	0	GS	120	140	160							D6 SCP	650	750	860							-MAPt	3:00	2:34	2:15
DIST to THR	10	5	3.7	1.4	0	GS	120	140	160																														
						D6 SCP	650	750	860																														
						-MAPt	3:00	2:34	2:15																														
15		VOR DME GA 5.0%		Circling SW of AD only																																			
C	ft - m/km ft	C 500 - 1.8V 2530						C 1100 - 4.0V 3150																															
D	ft - m/km ft	C 500 - 1.8V 2530						C 1200 - 4.8V 3310																															

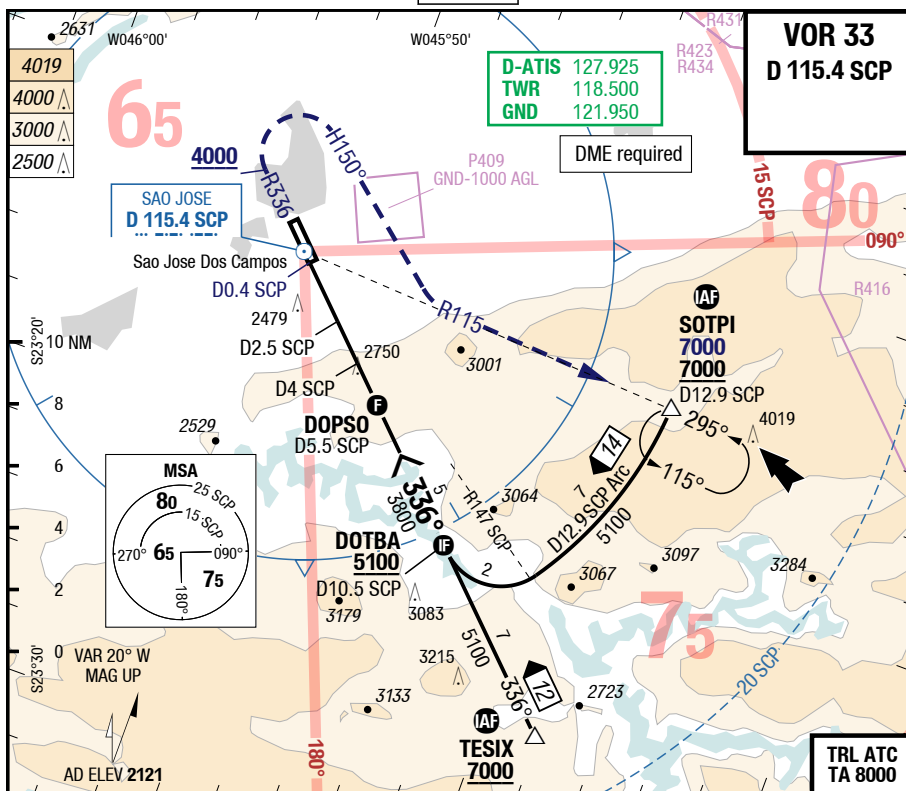
Changes: Nil

28-DEC-2017

SJK-SBSJ

7-60

VOR 33



60 HL 45 x 2676

-1.0% TDZ --- (---%) / THR 2121 (75hPa)

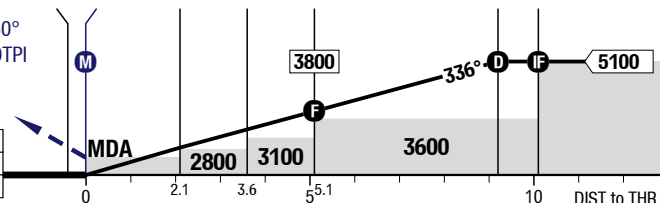
33

2	3	4	5	7	9.6	3.00° D SCP 336° RWY 335°
2680	3000	3320	3640	4270	5100	

SCP D0.4 D2.5 D4 D5.5 DOPSO D9.6 D10.5 SCP DOTBA

intercept R336 SCP  
at MNM 4000 RT HDG 150°  
intercept R115 SCP to SOTPI  
climb 7000

GS	120	140	160
D5.5 SCP	640	740	850
-MAPt	NA	NA	NA



33

VOR DME

Circling

C	ft - m/km ft	460 - 2.1V 2580				Not authorized
D	ft - m/km ft	460 - 2.1V 2580				Not authorized



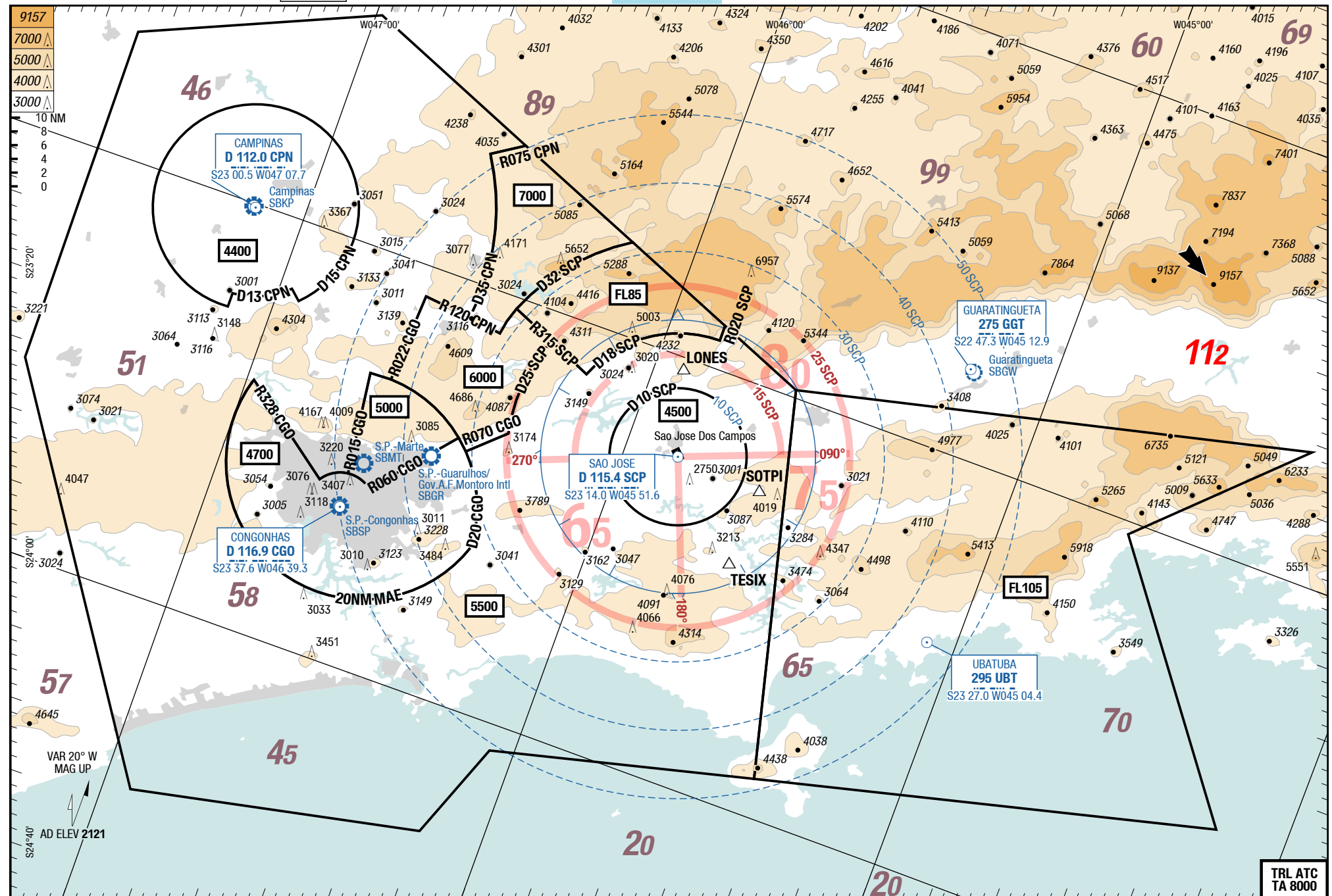
**SJK-SBSJ**

**NIL**  
**MRC**

**MRC**

**MRC**

**NIL**  
**MRC**



Changes: Navaid MAE removed, OBST, AD ELEV

TRL ATC  
TA 8000

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