

SJK-SBSJ**1-10****AOI****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;

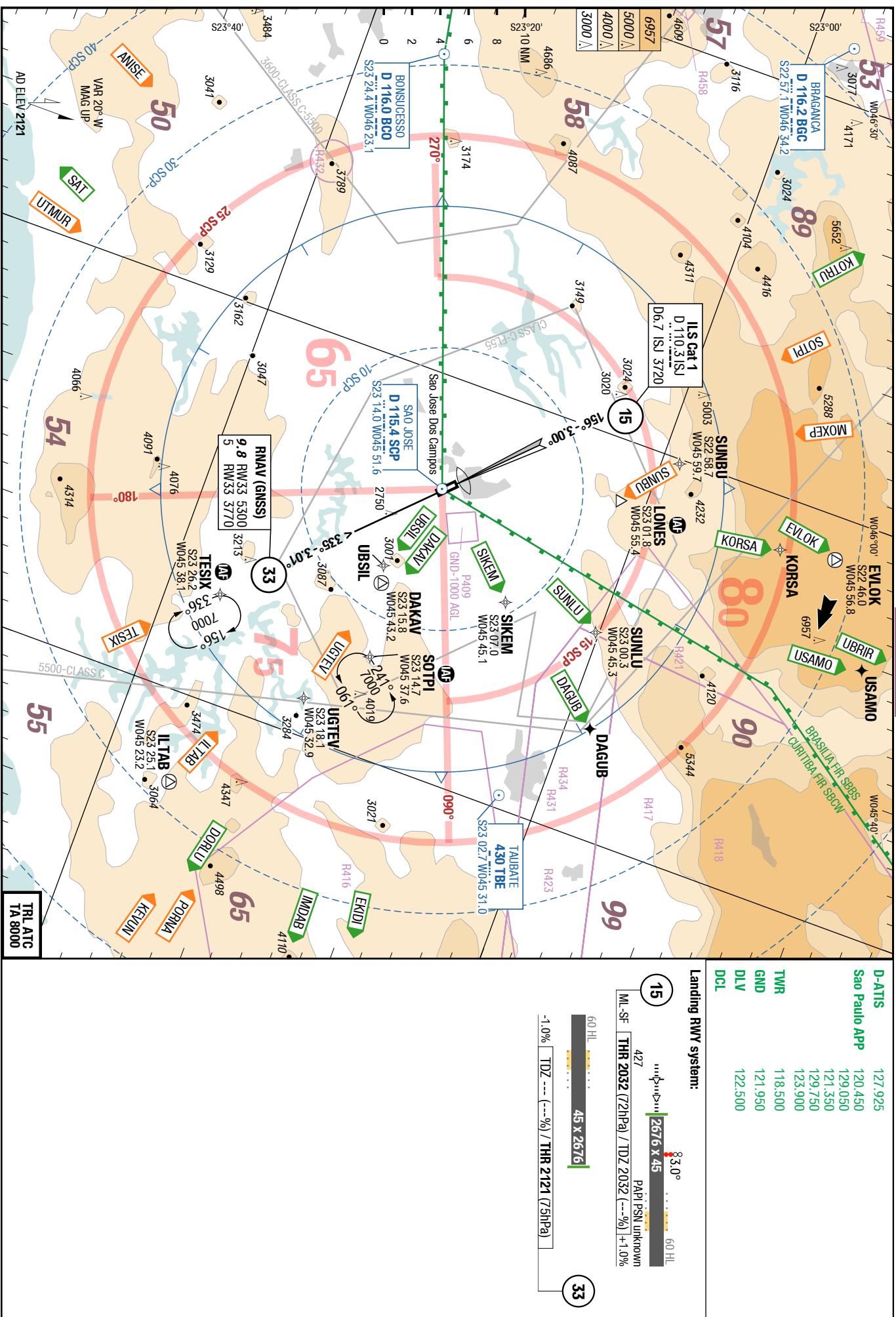
Complete ARR and execute PROC authorized by ATC.

DEPARTURE**Take-off Minima**

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

Departure Procedure**Push-back**

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



SJK-SBSJ

3-20

AGC

A

AGC

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

23°10' /

W045°52'

W045°48'

15
155°
2032

A diagram showing a grey rectangular area labeled "MILITARY APRON". An arrow points upwards and to the left, labeled "E" (East). A small grey rectangle labeled "VIP" is located in the bottom right corner of the main area.

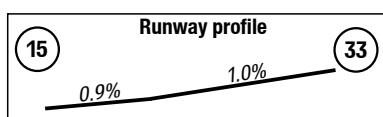
**FIRE
STATION**

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

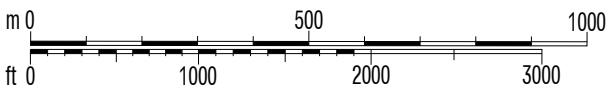
 ARP
S 23 13.7
W 045 52.3

| RWY | TORA | ASDA | TODA |
|-----|------|------|------|
| 15 | 2676 | 3001 | 2676 |

**SAO JOSE
D 115.4 SCP**



VAR 20° W
MAG UP



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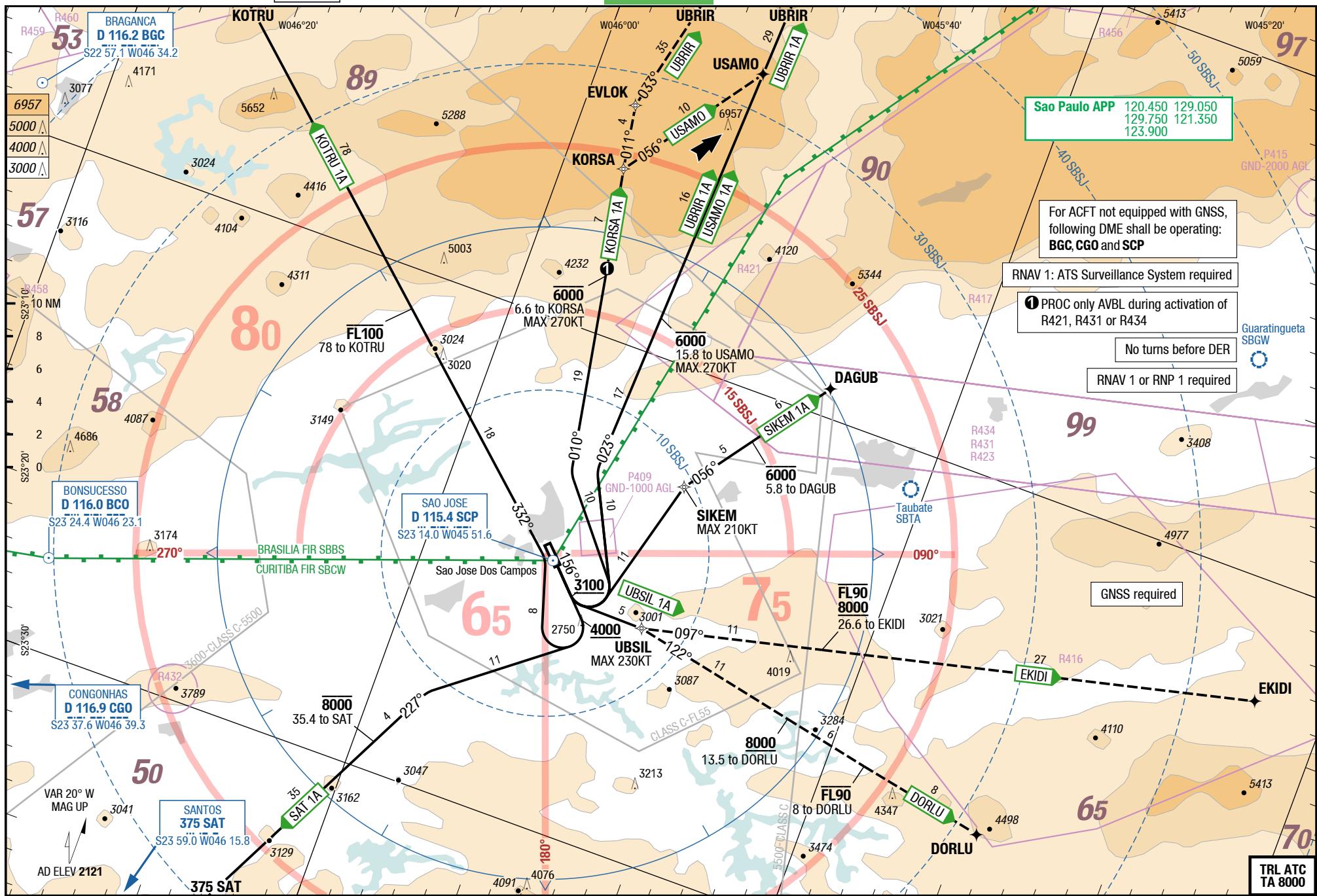
-10

RNAV SIDs RWY 15

S/D

Professor Urbano Er

RNAV SIDs RWY 15



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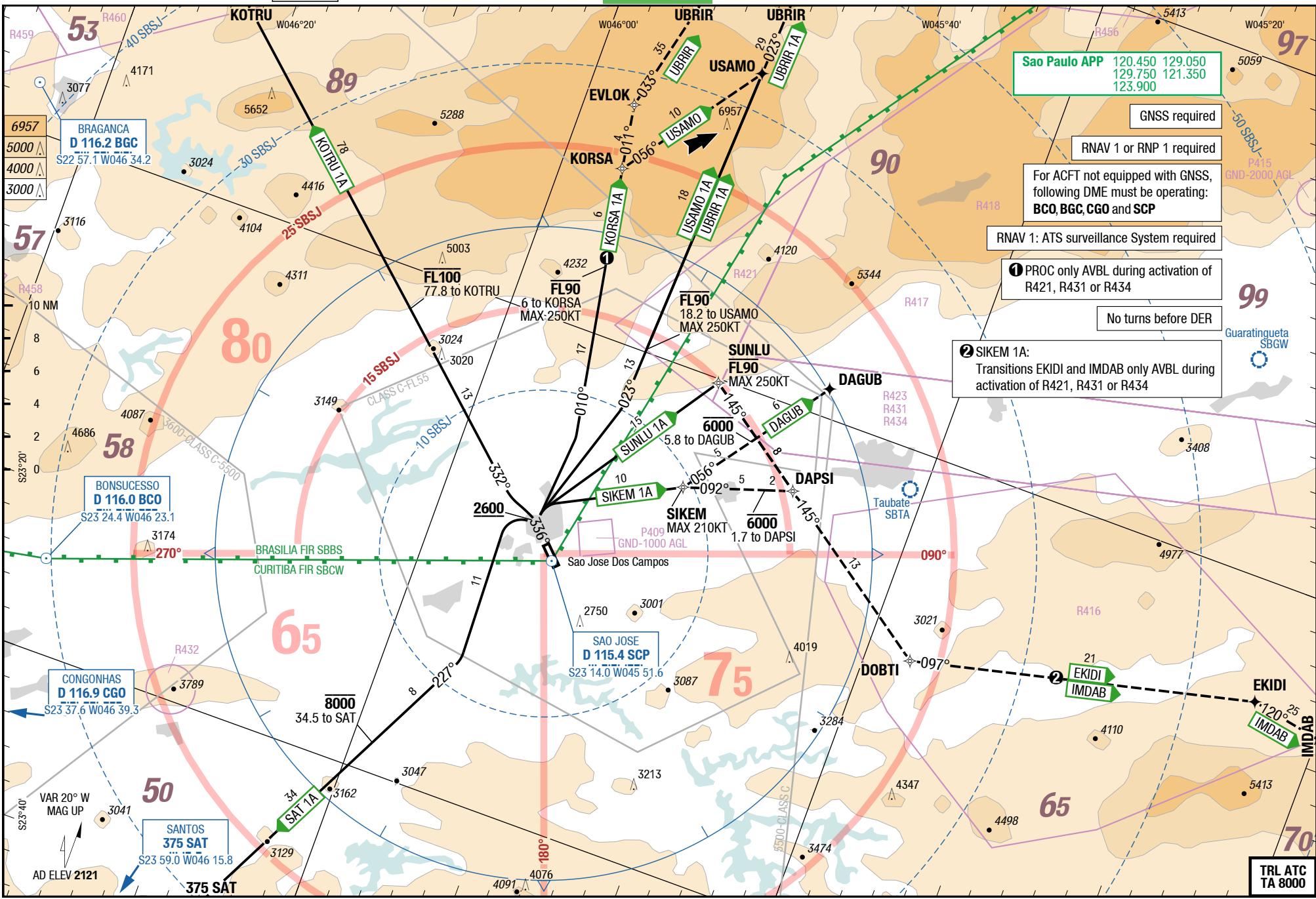
4-20

RNAV SIDs RWY 33

SID

SID

RNAV SIDs RWY 33



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4-30

SIDs RWY 15

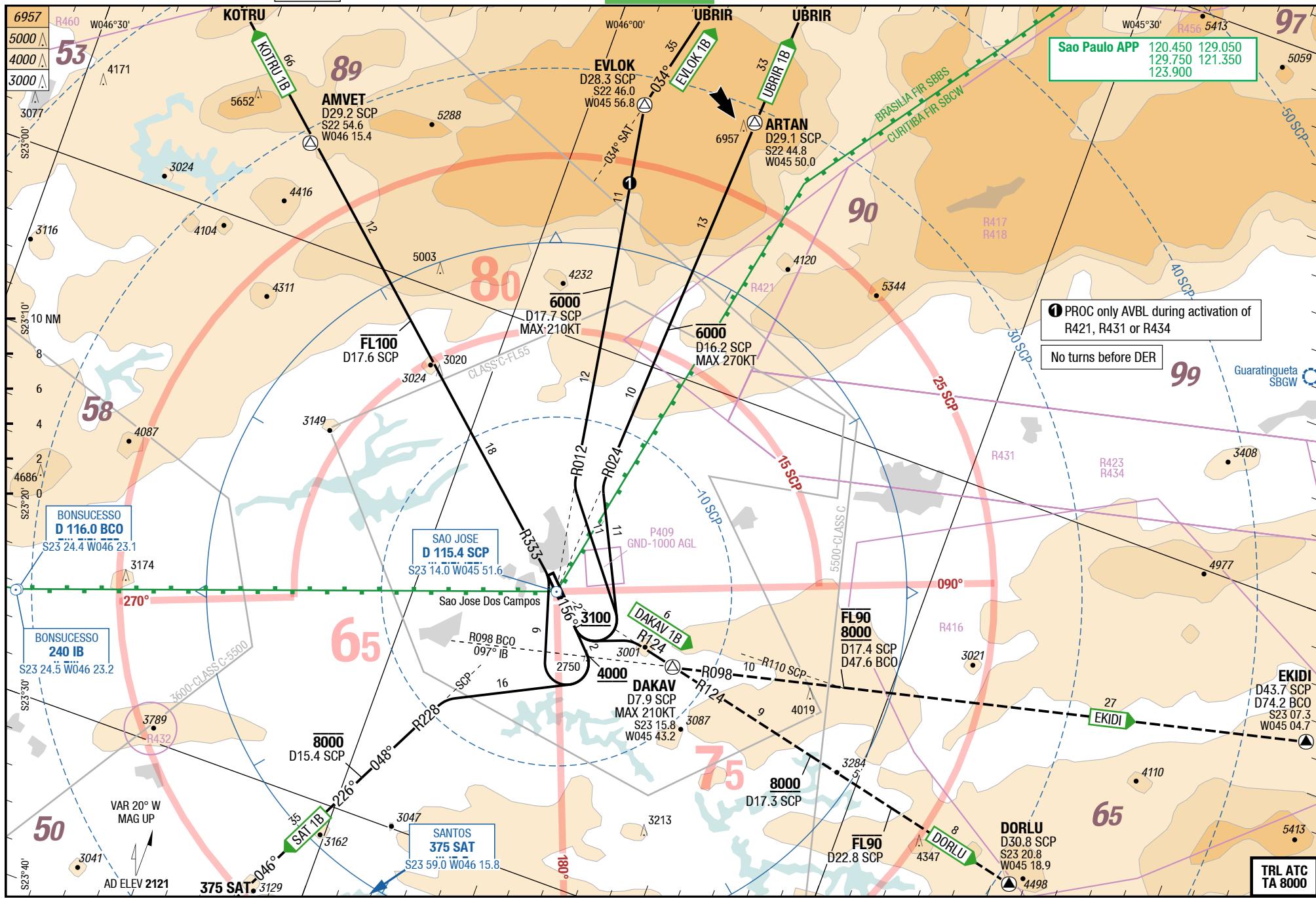
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SIDs RWY

SIDs RWY 15



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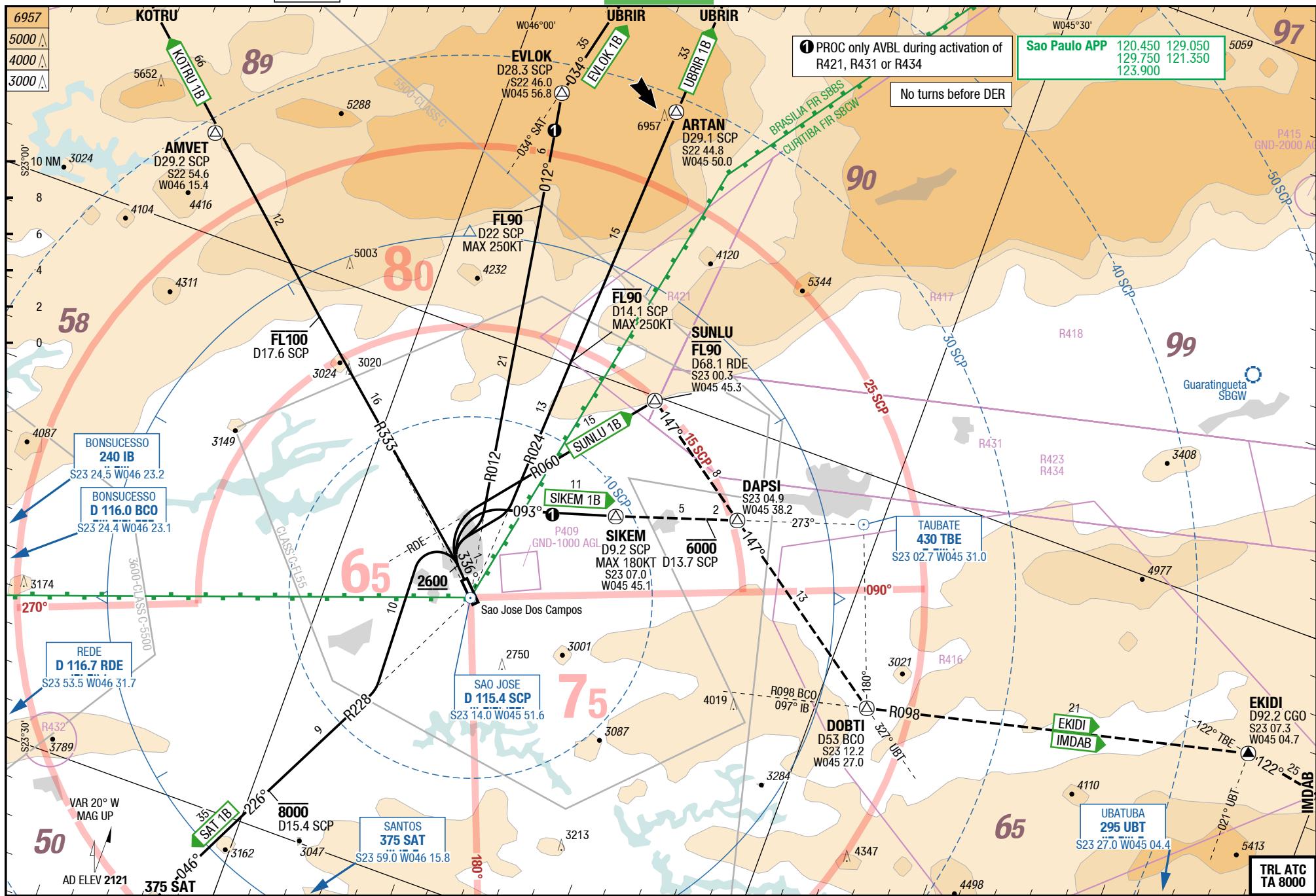
05-OCT-2017

SJK-SBSJ

4-40

SIDs RWY 33

SIDs RWY 33



Changes: ALT, ASP, MGA, FREQ, OBST

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

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

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

SJK-SBSJ**5-20****RNAV SIDs RWY 33**

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

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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5-30

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

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

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

SJK-SBSJ**5-40****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 |
|---|--|---------------------|
| | Runway 33 | |
| EVLOK 1B ① 4.5% to 2600 | 336° - at MNM 2600 RT intercept R012 SCP (D22 SCP MAX 250KT) to EVOVK - RT intercept QDR 034 SAT to UBRIR | D22 SCP MAX FL90 |
| KOTRU 1B 4.5% to 2600 | 336° - at MNM 2600 LT intercept R333 SCP to KOTRU | D17.6 SCP MAX FL100 |
| SANTOS 1B SAT 1B 4.5% to 2600 | 336° - at MNM 2600 LT intercept R228 SCP to SAT | D15.4 SCP MAX 8000 |
| SIKEM 1B 4.5% to 2600 ① | 336° - at MNM 2600 RT intercept QDM 093 TBE to SIKEM (MAX 180KT) | |
| | TRANSITION | |
| | EKIDI SIKEM - QDM 093 TBE to DAPSI - RT intercept QDM 147 UBT to DOBTI - LT intercept R098 BCO/QDR 097 IB to EKIDI | D13.7 SCP MAX 6000 |
| | IMDAB SIKEM - QDM 093 TBE to DAPSI - RT intercept QDM 147 UBT to DOBTI - LT intercept R098 BCO/QDR 097 IB to EKIDI - RT intercept QDR 122 TBE to IMDAB | D13.7 SCP MAX 6000 |
| SUNLU 1B 4.5% to 2600 | 336° - at MNM 2600 RT intercept R060 RDE to SUNLU | SUNLU MAX FL90 |
| | TRANSITION | |
| | EKIDI SUNLU - RT intercept QDM 147 UBT to DOBTI - LT intercept R098 BCO/QDR 097 IB to EKIDI | |
| | IMDAB SUNLU - RT intercept QDM 147 UBT to DOBTI - LT intercept R098 BCO/QDR 097 IB to EKIDI - RT intercept QDR 122 TBE to IMDAB | |
| UBRIR 1B 4.5% to 5500 | 336° - at MNM 2600 RT intercept R024 SCP (D14.1 SCP MAX 250KT) to UBRIR | D14.1 SCP MAX FL90 |

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

30-NOV-2017

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6-10

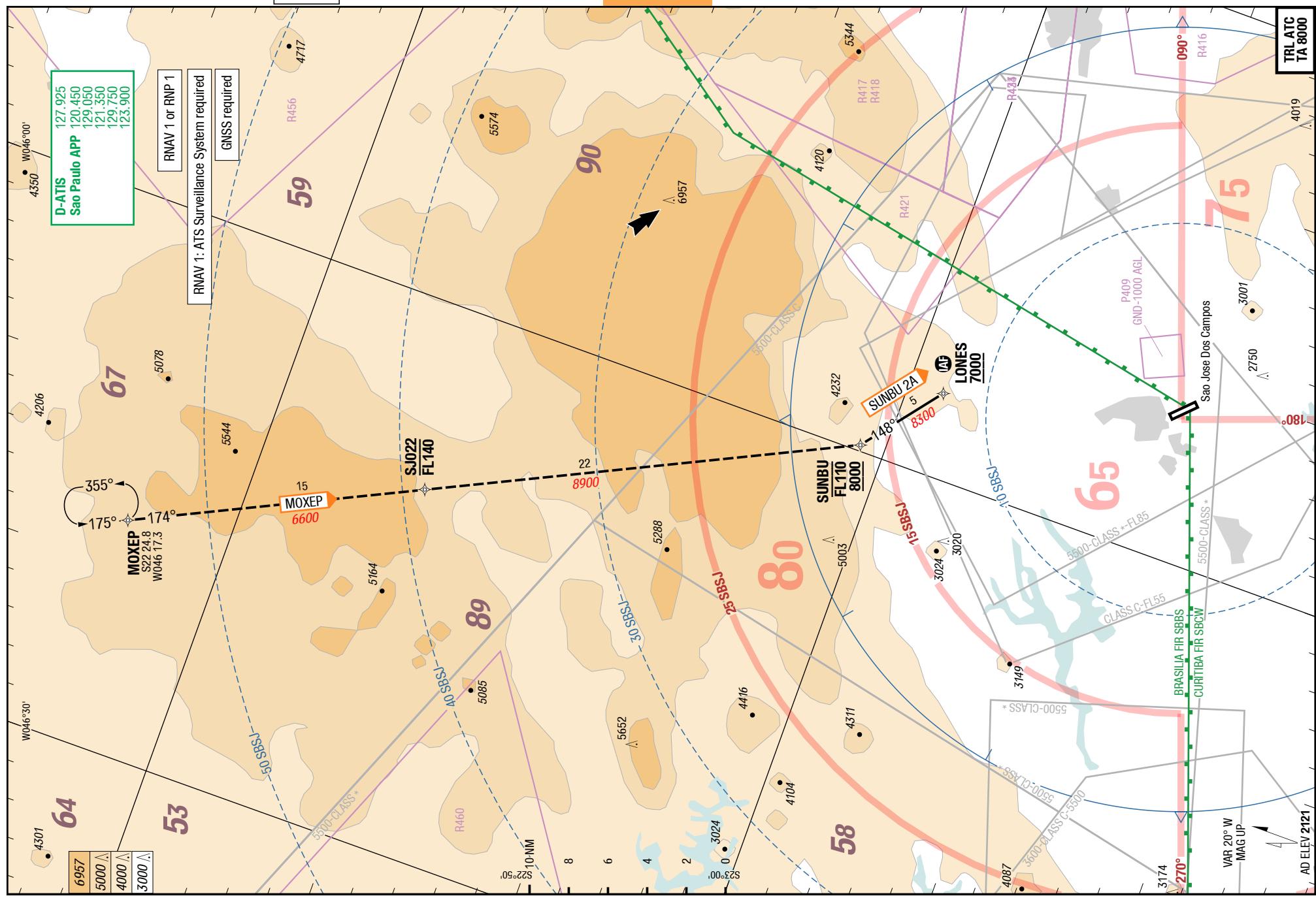
RNAV 15 SUNBU 2A

STAR

STAR

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RNAV 15 UGTEV 2A



30-NOV-2017

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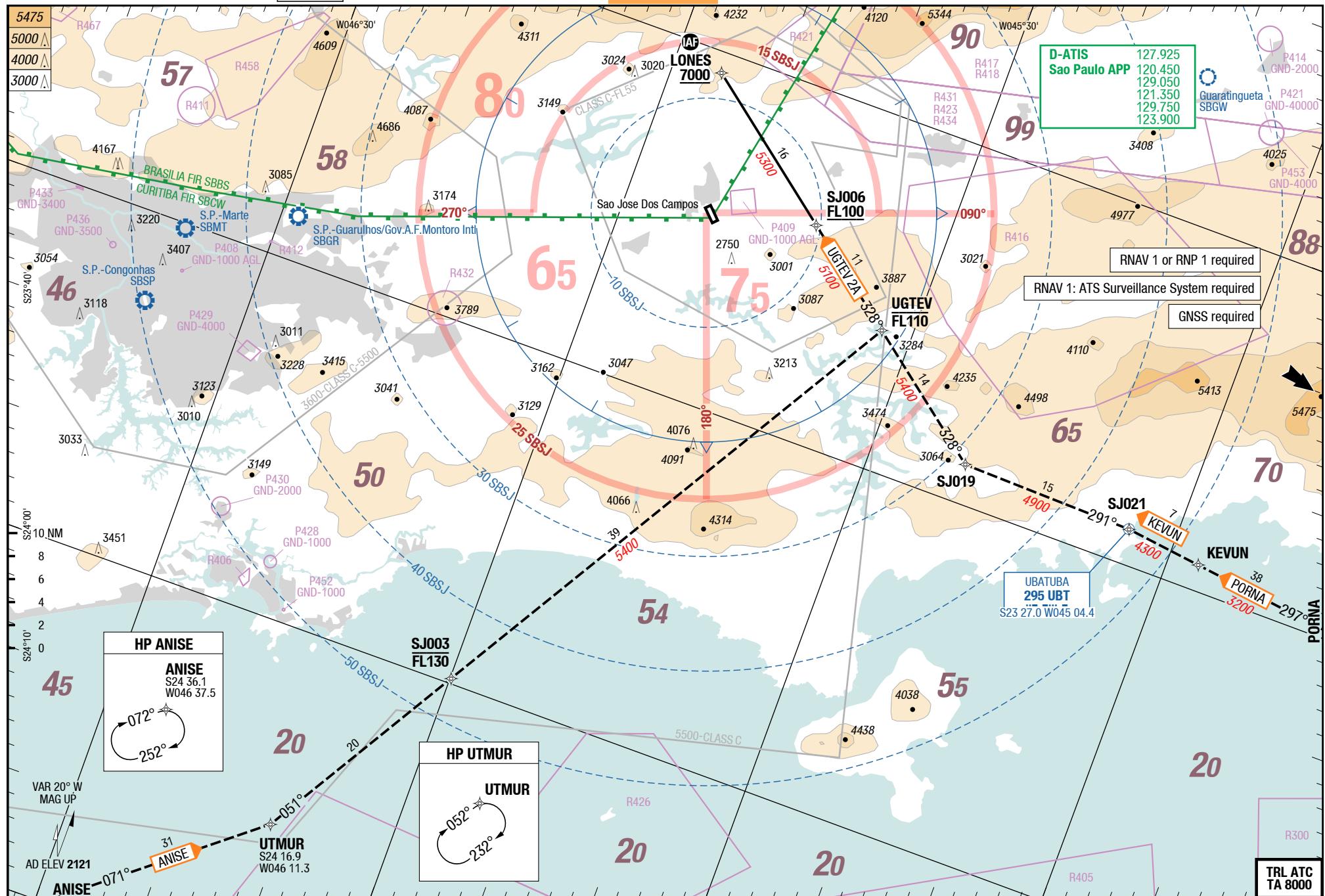
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6-20

RNAV 15 UGTEV 2A

STAR

RNAV 15 UGTEV 2A



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6-30

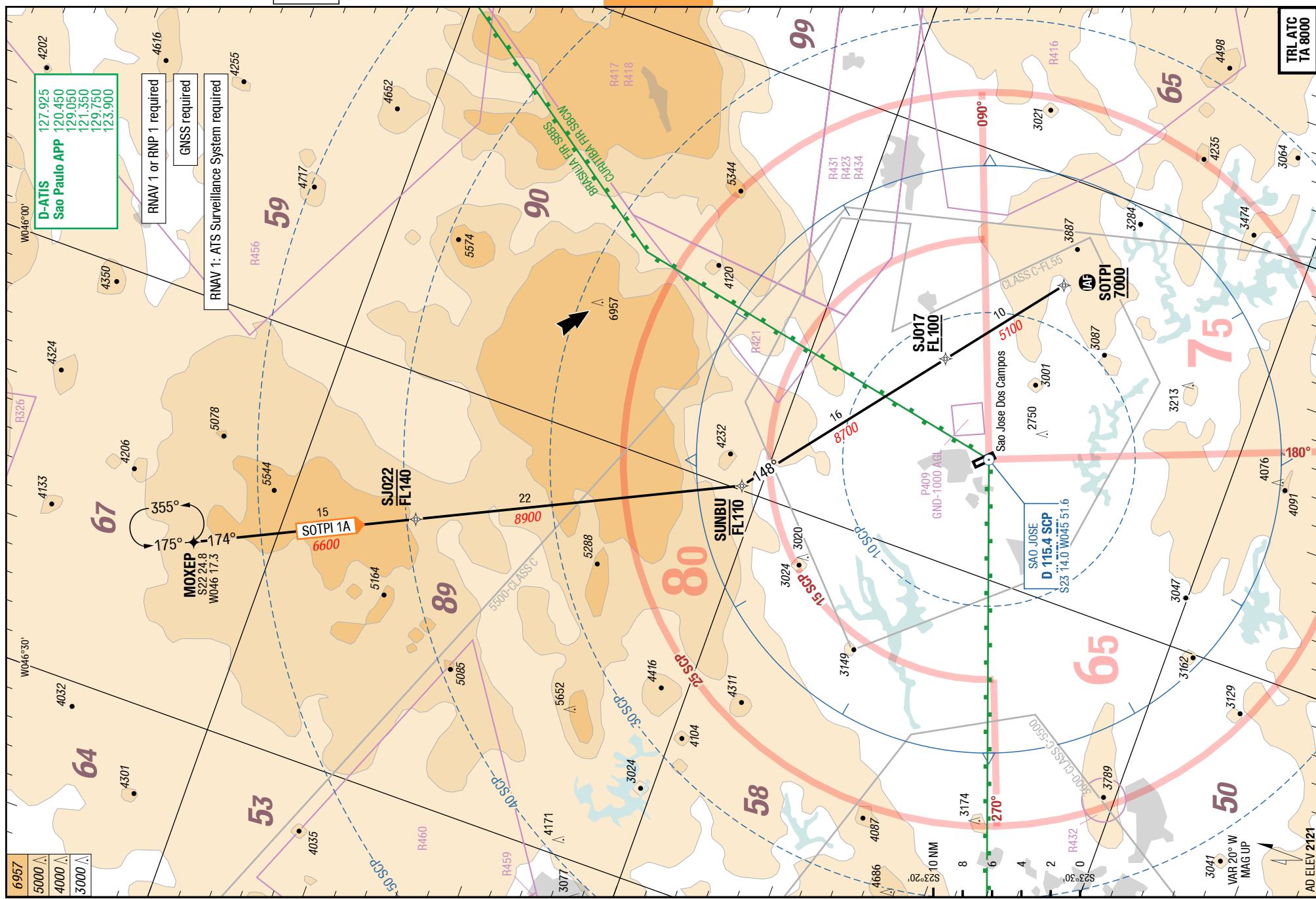
RNAV 33 SOTPI 1A

STAR

CTAD

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RNAV 33 TESIX



Changes: Completely revised

Effective 12-OCT-2017

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05-OCT-2017

SJK-SBSJ

6-40

RNAV 33 TESIX 1A

STAR

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

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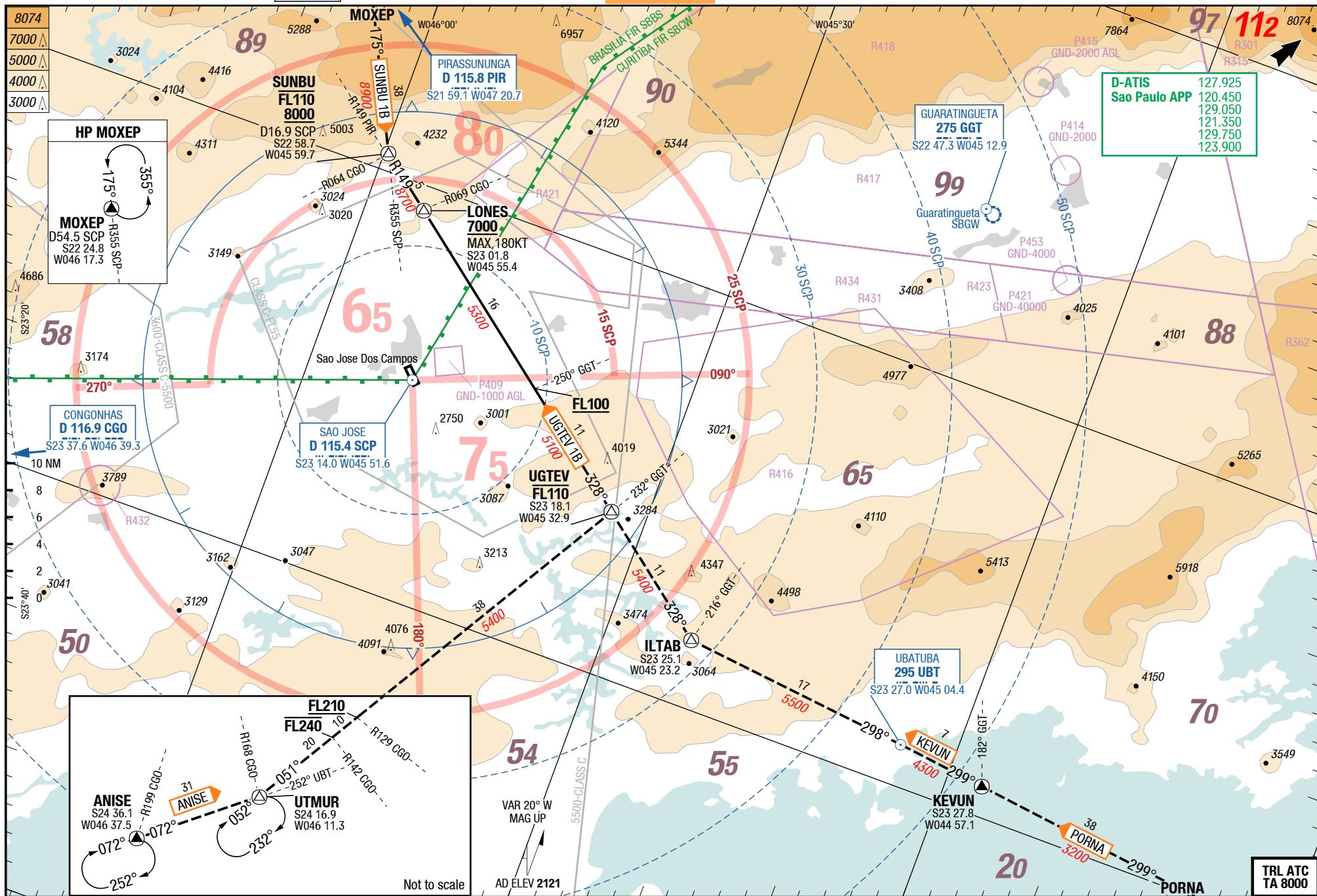
5-50

STARs RWY 15

STAR

STAR

STARs RWY 15



Changes: MTCA, MGA, FREQ, OBST

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SJK-SBSJ

6-60

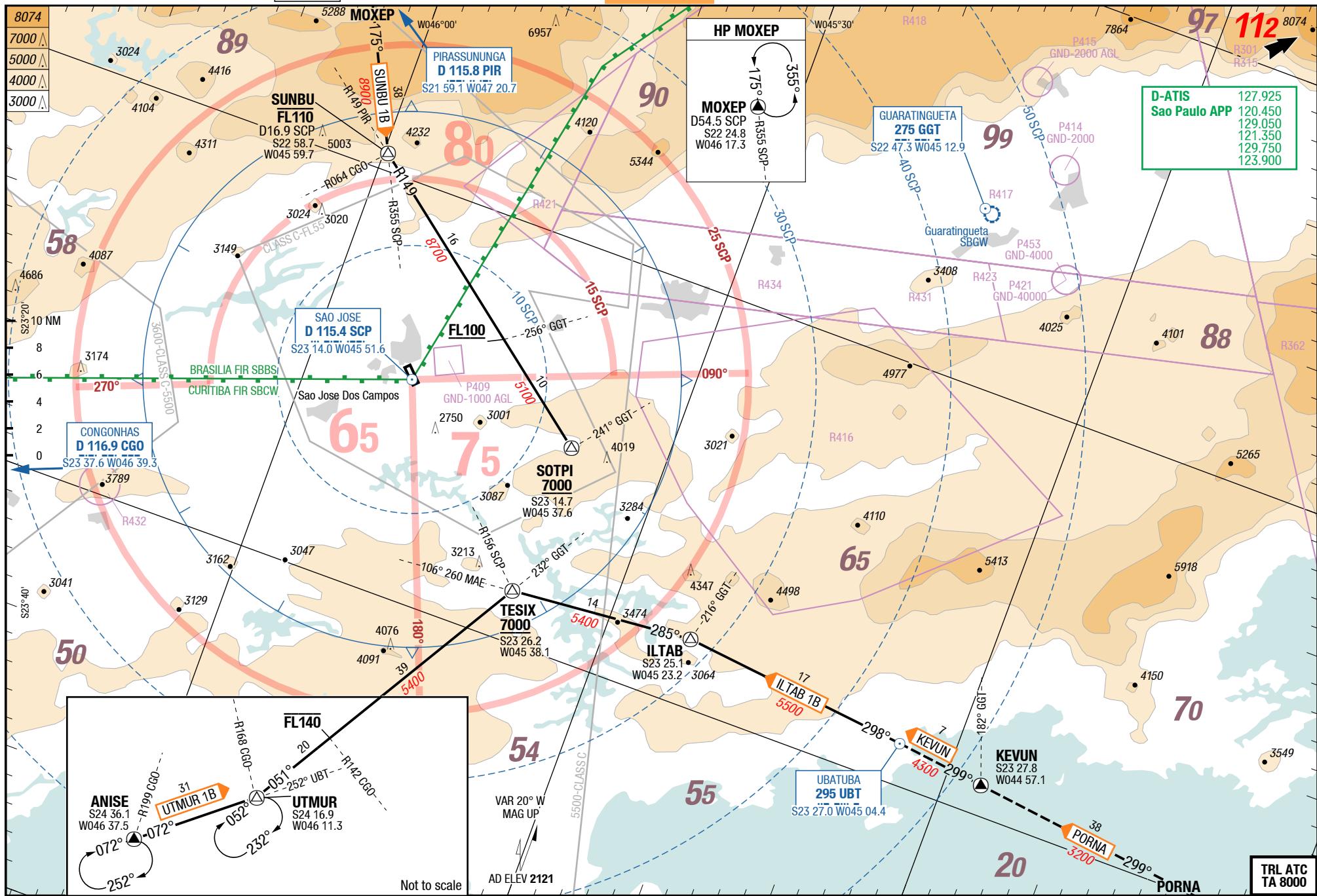
STARs RWY 33

STAR

STAR

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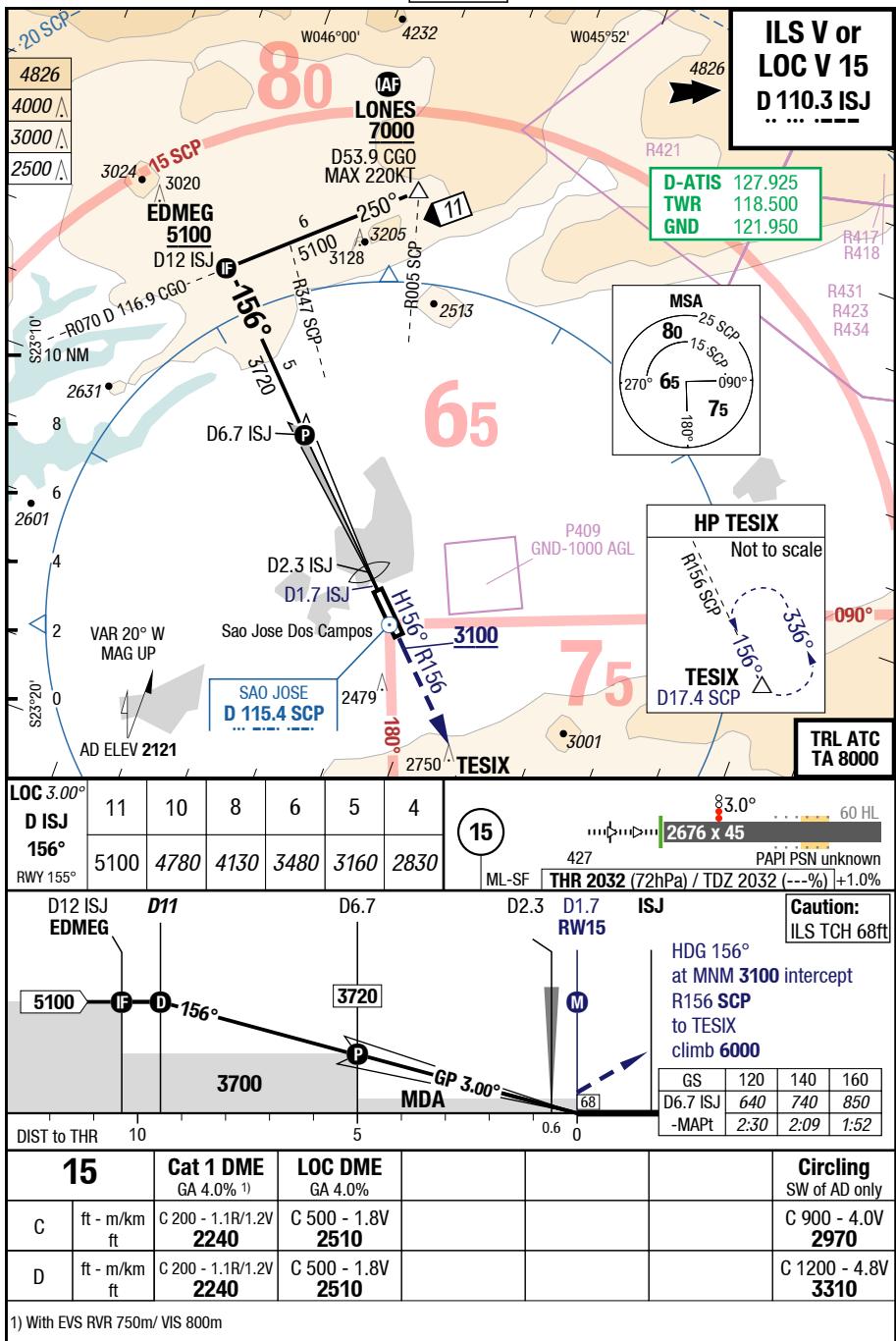
STARs RWY 33



SJK-SBSJ

7-10

ILS V or LOC V 15

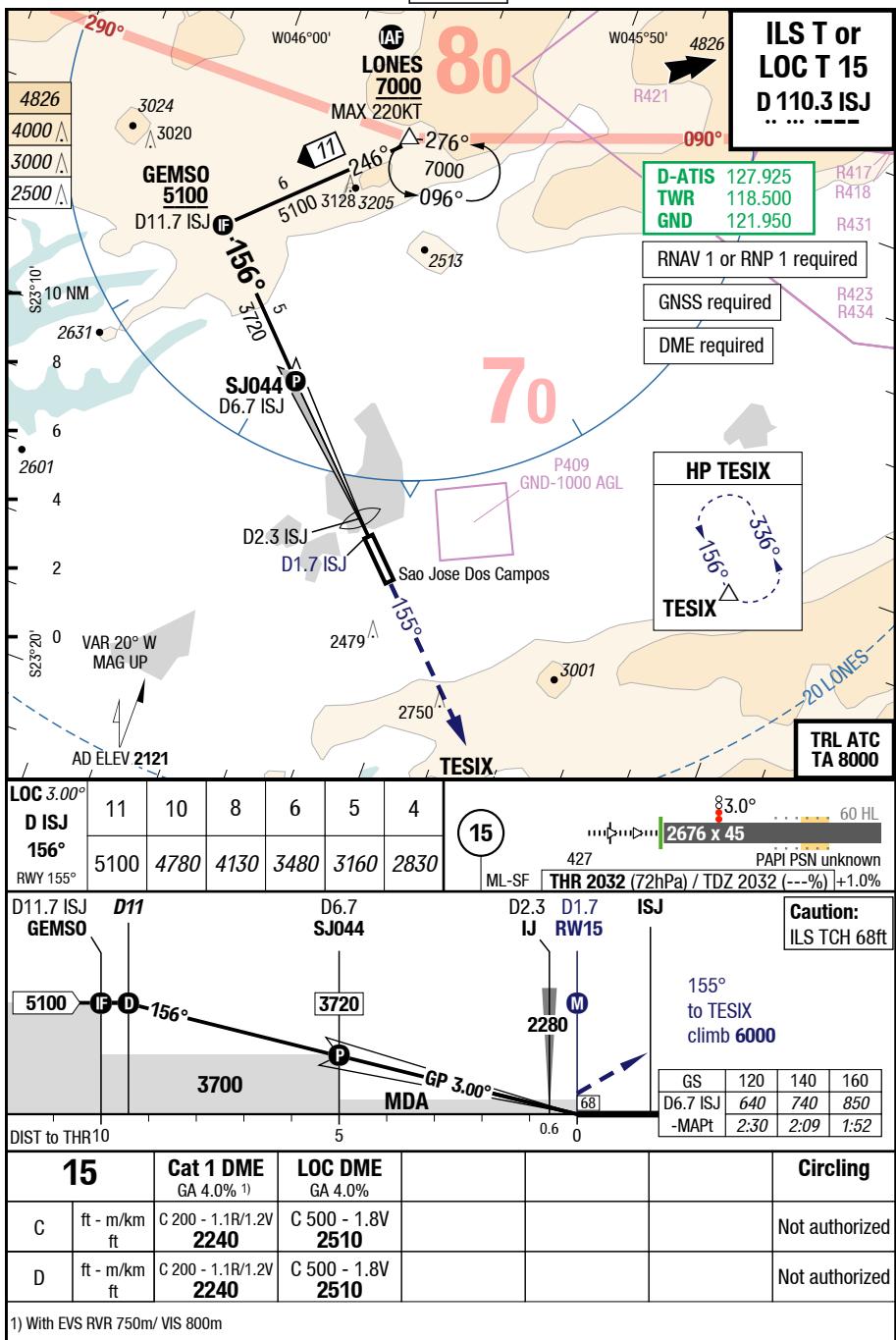


Changes: MIN, FREQ, THR ELEV, AD ELEV

SJK-SBSJ

7-20

ILS T or LOC T 15

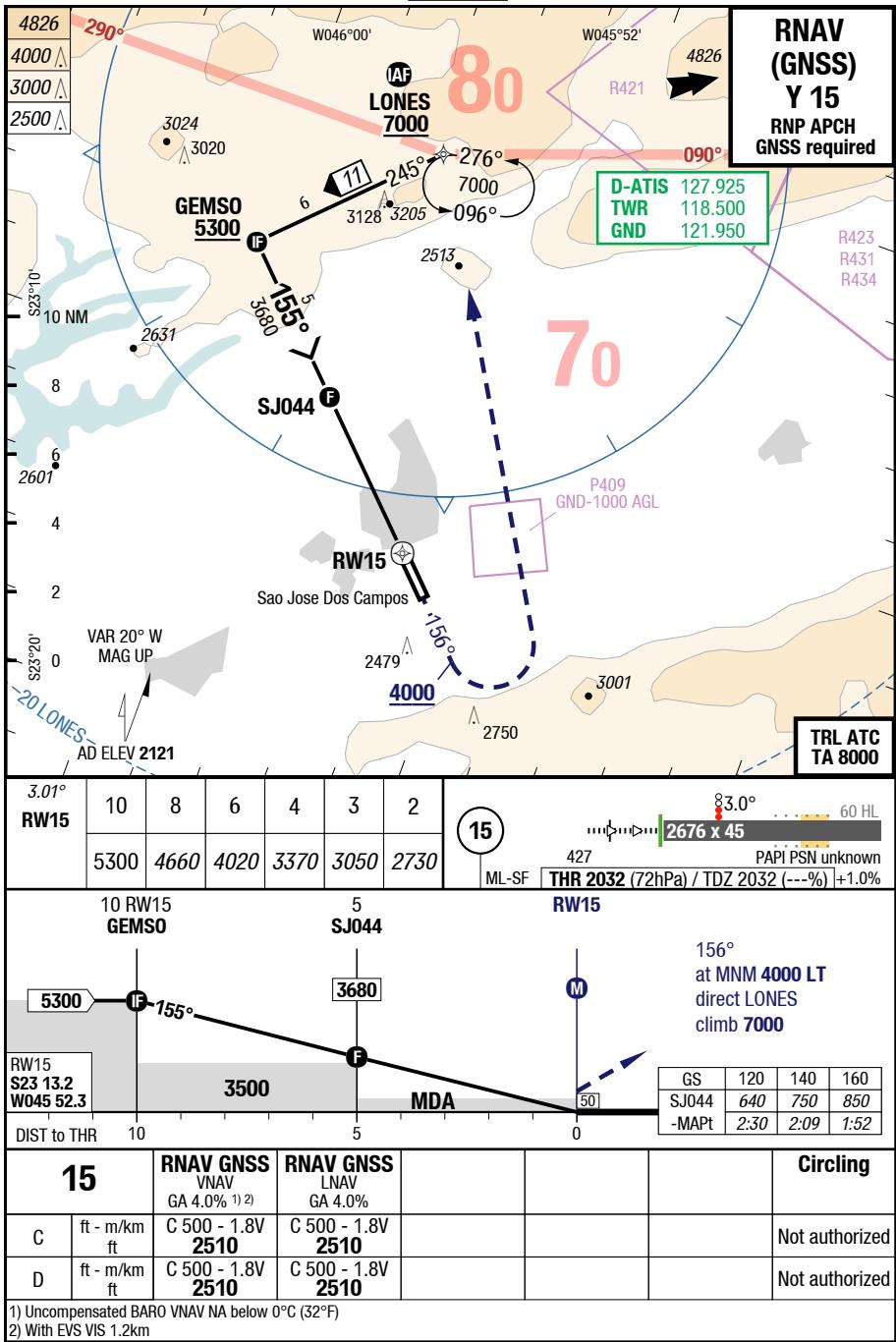


Changes: MIN, FREQ, THR ELEV, AD ELEV

SJK-SBSJ

7-30

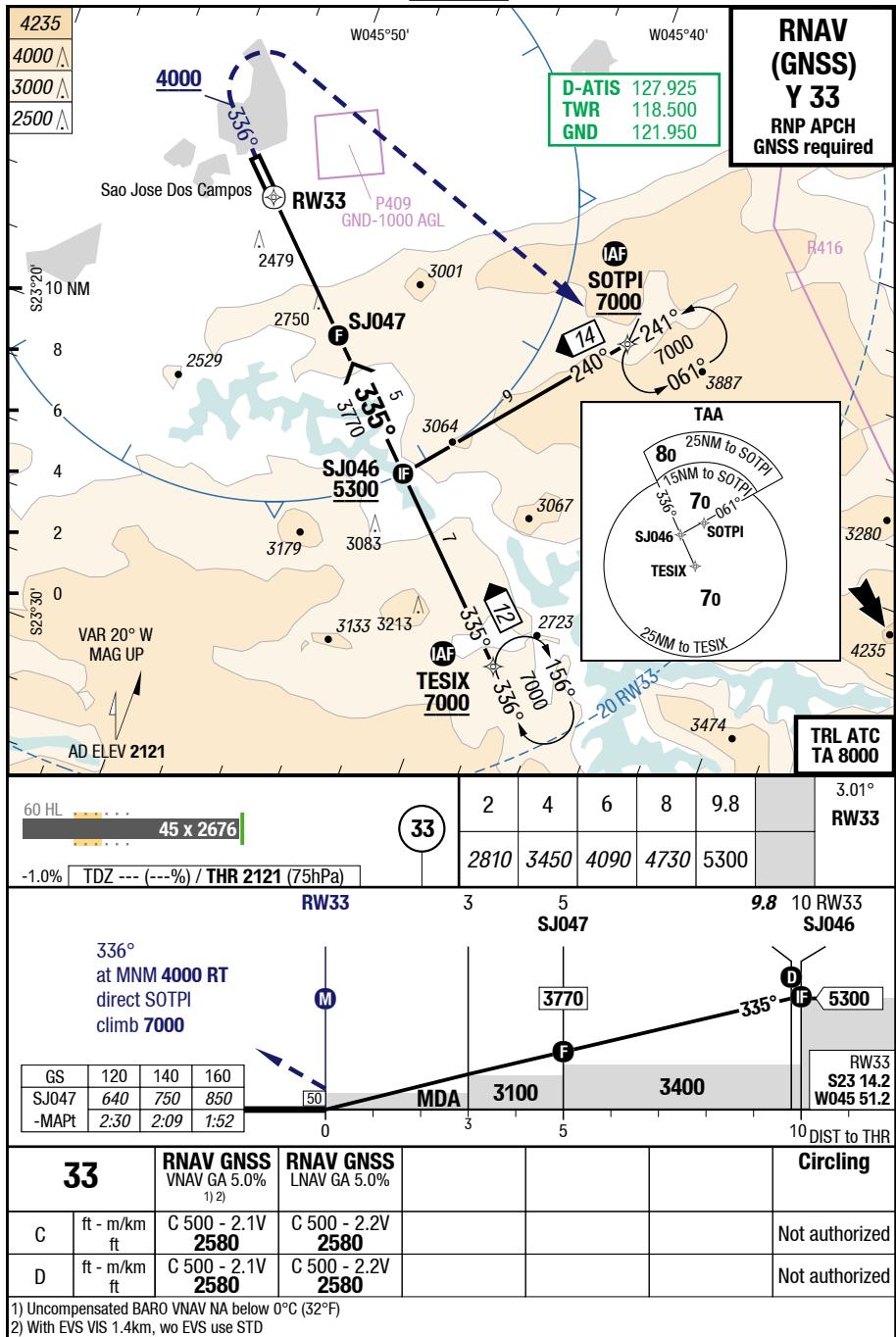
RNAV (GNSS) Y 15



Changes: MIN, FREQ, THR, ELEV, AD, ELEV

7-40

RNAV (GNSS) Y 33

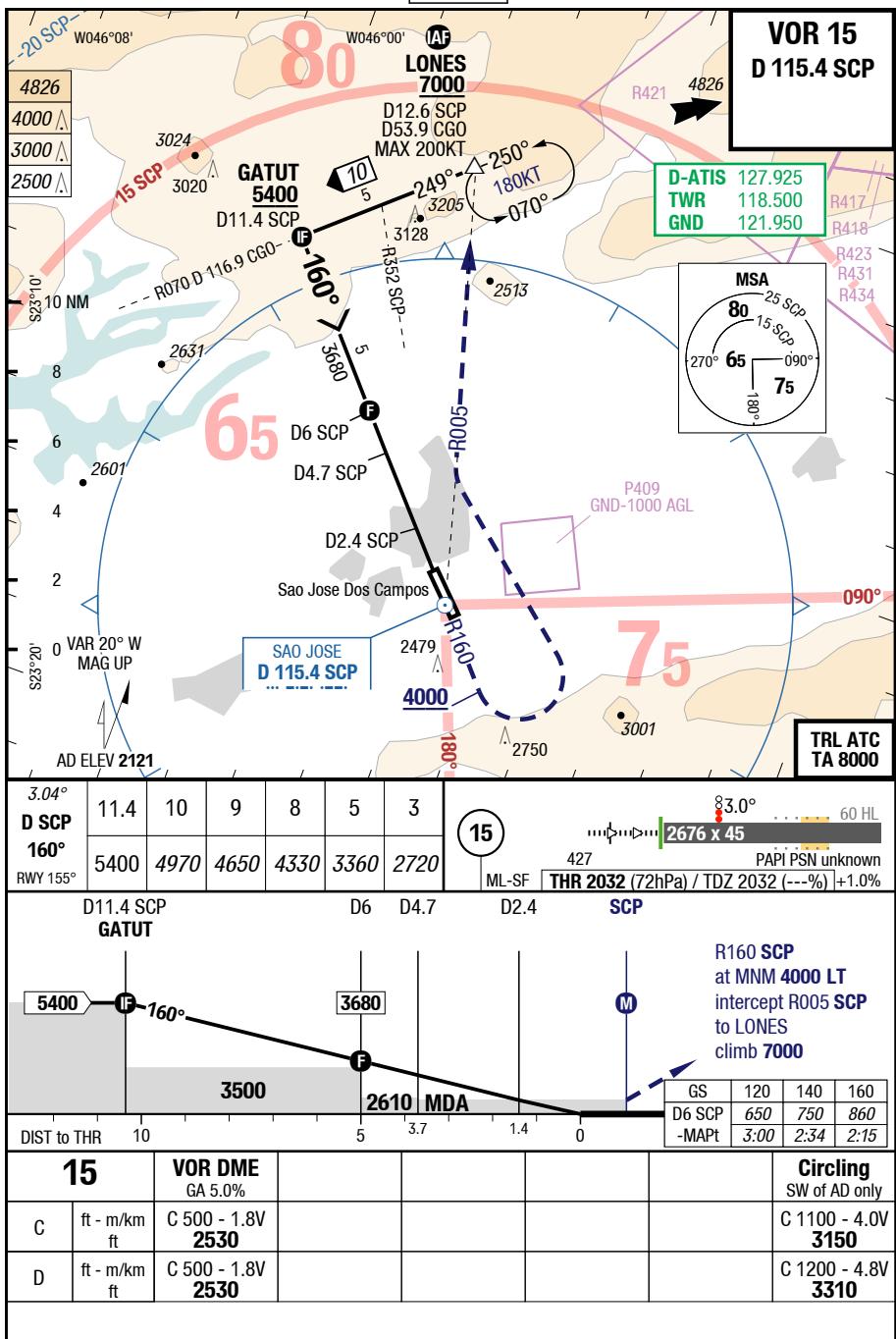


28-DEC-2017

SJK-SBSJ

7-50

VOR 15

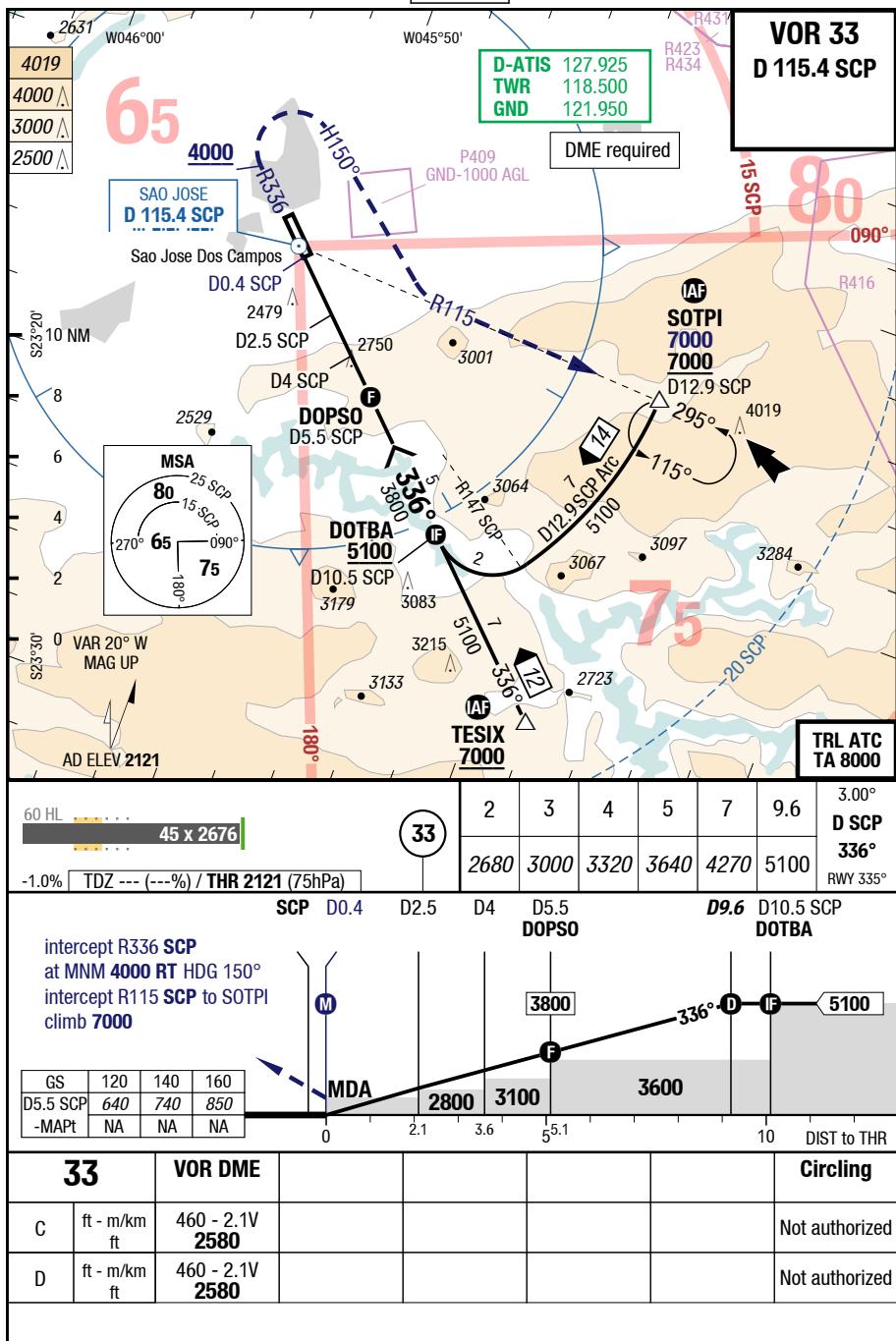


Changes: Nil

28-DEC-2017

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IAC

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Changes: DIST ALT table, Profile

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SJK-SBSJ

B-10

The MRC logo consists of the letters "MRC" in a bold, black, sans-serif font. Above the letter "M", there is a small rectangular box containing the letters "NIL" in a white, bold, sans-serif font.

RC

IBC

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CAMPINAS
D 112.0 CPN
S23 00.5 W047 07.7
Campinas SBKP

CONGONHAS
D 116.9 CGO
S23 37.6 W046 39.3
S.P.-Congonhas SBSP

SAO JOSE
D 115.4 SCP
S23 14.0 W045 51.6
S.P.-Guarulhos/ Gov.A.F. Montoro Intl SBGR

GUARATINGUETA
275 GGT
S22 47.3 W045 12.9
Guaratinguetá SGBTW

UBATUBA
295 UBT
S23 27.0 W045 04.4

FL105

FL85

LONES

SOTPI

TESIX

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Changes: Navaid MAE removed, OBST, AD ELEV