

03-MAY-2018

**BFH-SBBI****1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** TWR 1000-0100‡**Airport Information****RFF:** Not published**Fuel:** HS, 1000-SS**PCN:** RWY 18/36: 21/F/B/X/T**Customs:** Not published**Operation****TWY Restriction**

TWY A MAX ACFT weight 5t / 11023lbs.

**Warnings**

Gliders and ultralight ACFTs near the AD.

Be alert of unmanned hot-air balloons mainly from JUN-OCT.

Birds in vicinity of AD.

**ARRIVAL****Communication****COM Failure:** See CRAR and in addition;**RWY 18/36****RNAV GEHEL 1A, ILRIT 1A**

Complete ARR to ILRIT and perform PROC in use by ATC.

**RWY 36****RNAV ISNIX 1A**

Complete ARR until ALGUD and execute PROC in use by ATC.

**RNAV MUDAT 1A**

Complete ARR until ALGUD. Leave ALGUD on course 154° for 20NM. MNM FL100. Then, turn left to intercept final APCH of the PROC in use by ATC.

**RNAV SOVTA 1A**

Complete ARR until EDSUR and perform PROC in use by ATC.

**DEPARTURE****Take-off Minima**

RWY		18		
Multi ENG	ft - m/km	c200 - 600V	HJ only	TKOF ALTN AVBL
		c200 - 800V	HN	
		c600 - 2.2V	-	
RWY		36		
All ACFT	ft - m/km	c600 - 2.8V	-	

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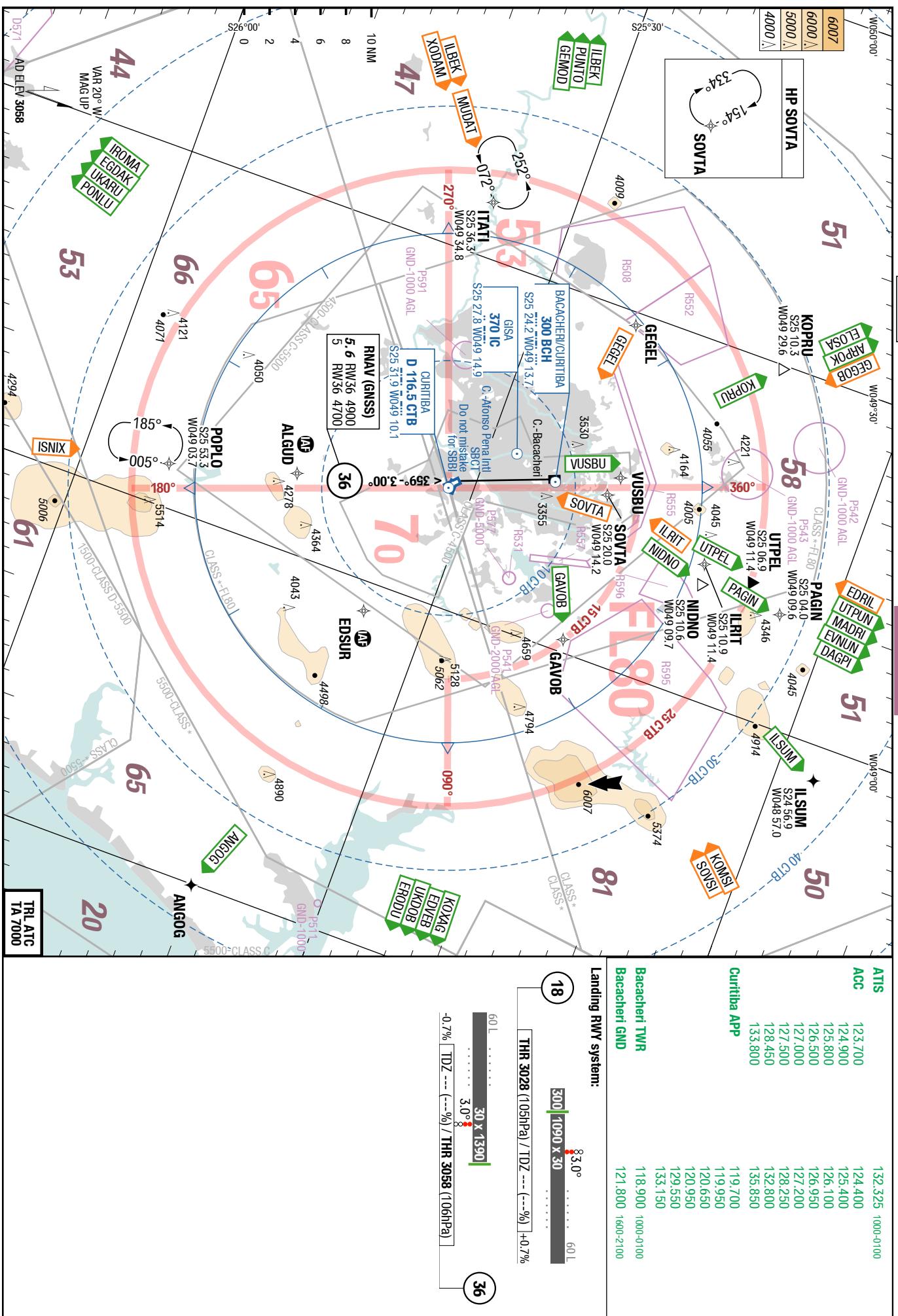
2-10

AFO

A

AFC

Brazil Curitiba Bacacheri



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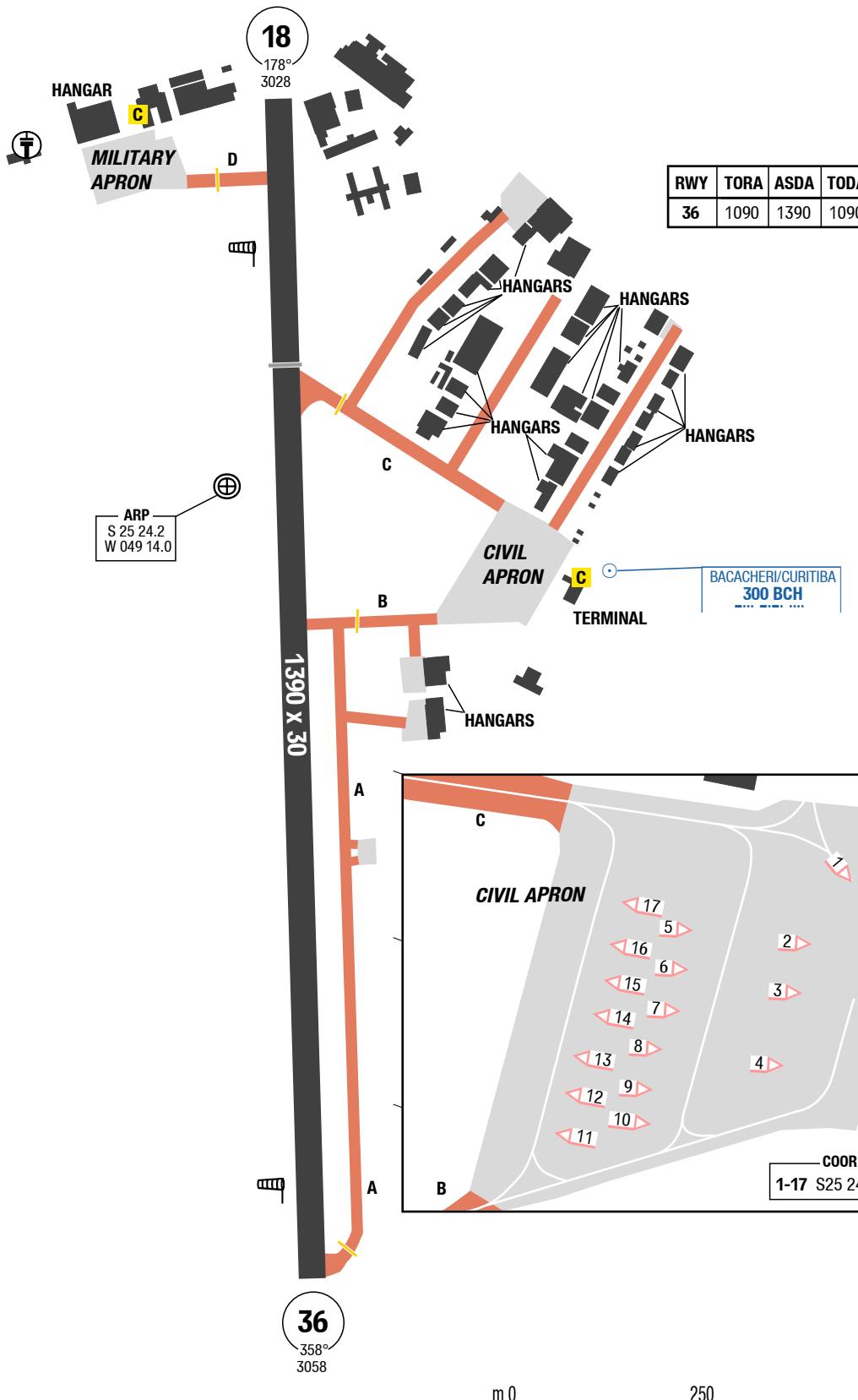
**BFI-SBB****3-20****Brazil Curitiba Bacacheri****AGC****AGC****Bacacheri Curitiba Brazil****AGC**

Changes: new

W049°14.3'

W049°14'

<b>ATIS</b>	132.325	1000-0100
<b>Bacacheri TWR</b>	118.900	1000-0100
<b>Bacacheri GND</b>	121.800	1600-2100



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**GAVOB 1B RNAV**

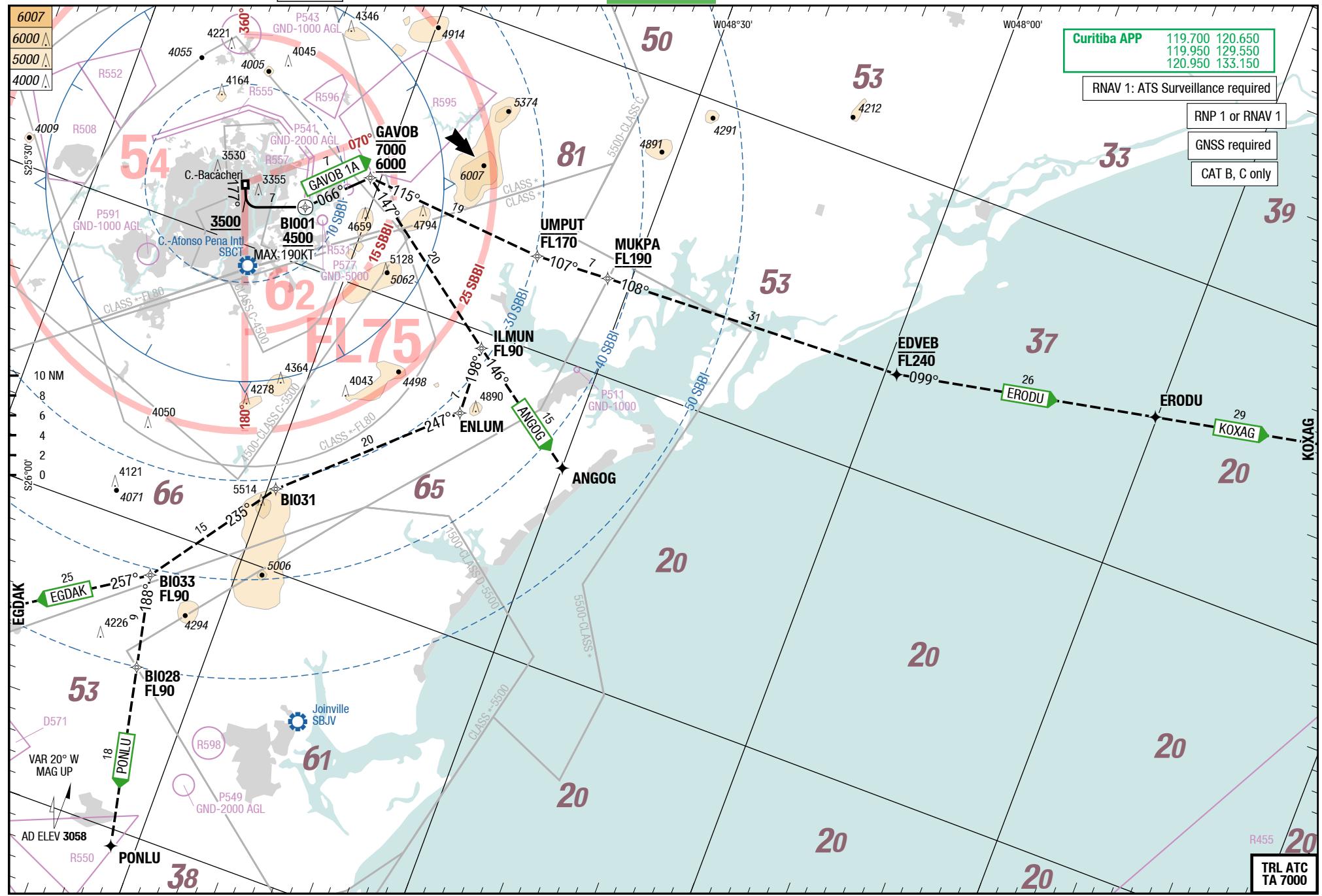
Bacacheri **Curitiba** Brazil

## **GAVOB 1B RNAV**

SID

SID

-10



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Brazil **Curitiba** Bacacheri

Bacacheri **Curitiba** Brazil

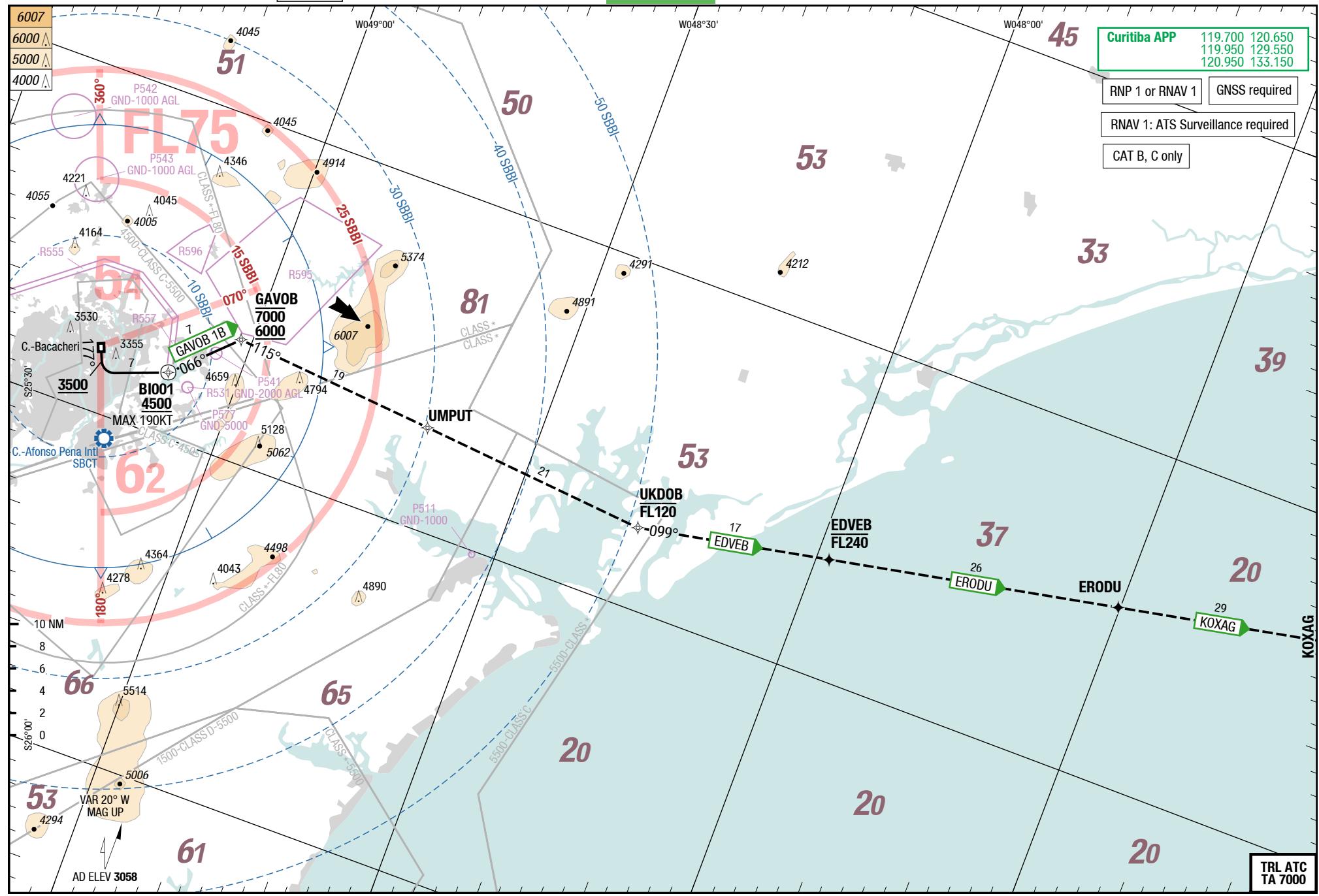
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# GAVOB 1B RNAV

SID

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# GAVOB 1B RNAV



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VUSBU 1A RNAV

PAGIN 1A RNAV

Bacacheri Curitiba Brazil

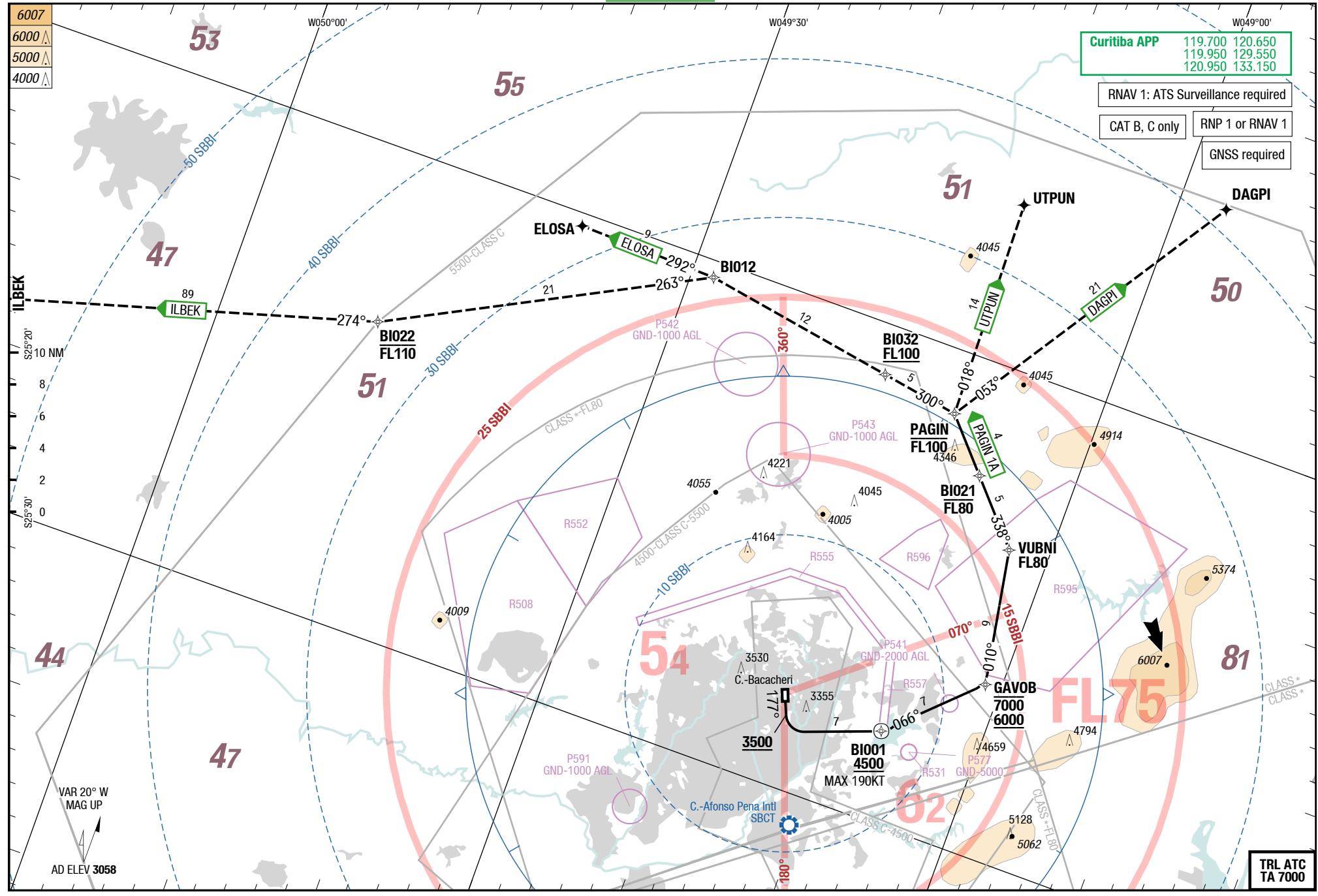
VUSBU 1A RNAV

PAGIN 1A RNAV

SID

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4-30



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Bacacheri Curitiba Brazil

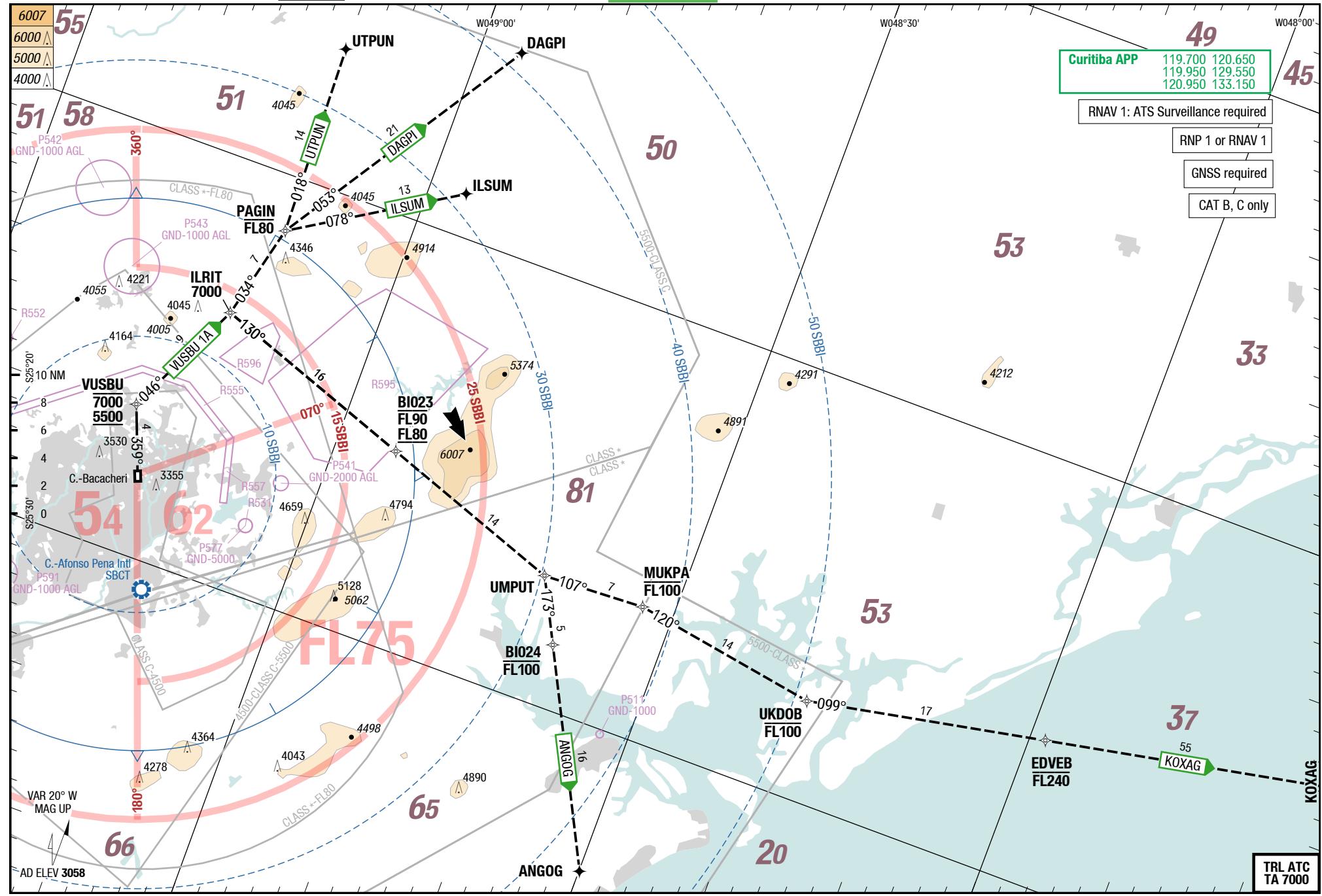
4-40

VUSBU 1A RNAV

SID

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VUSBU 1A RNAV



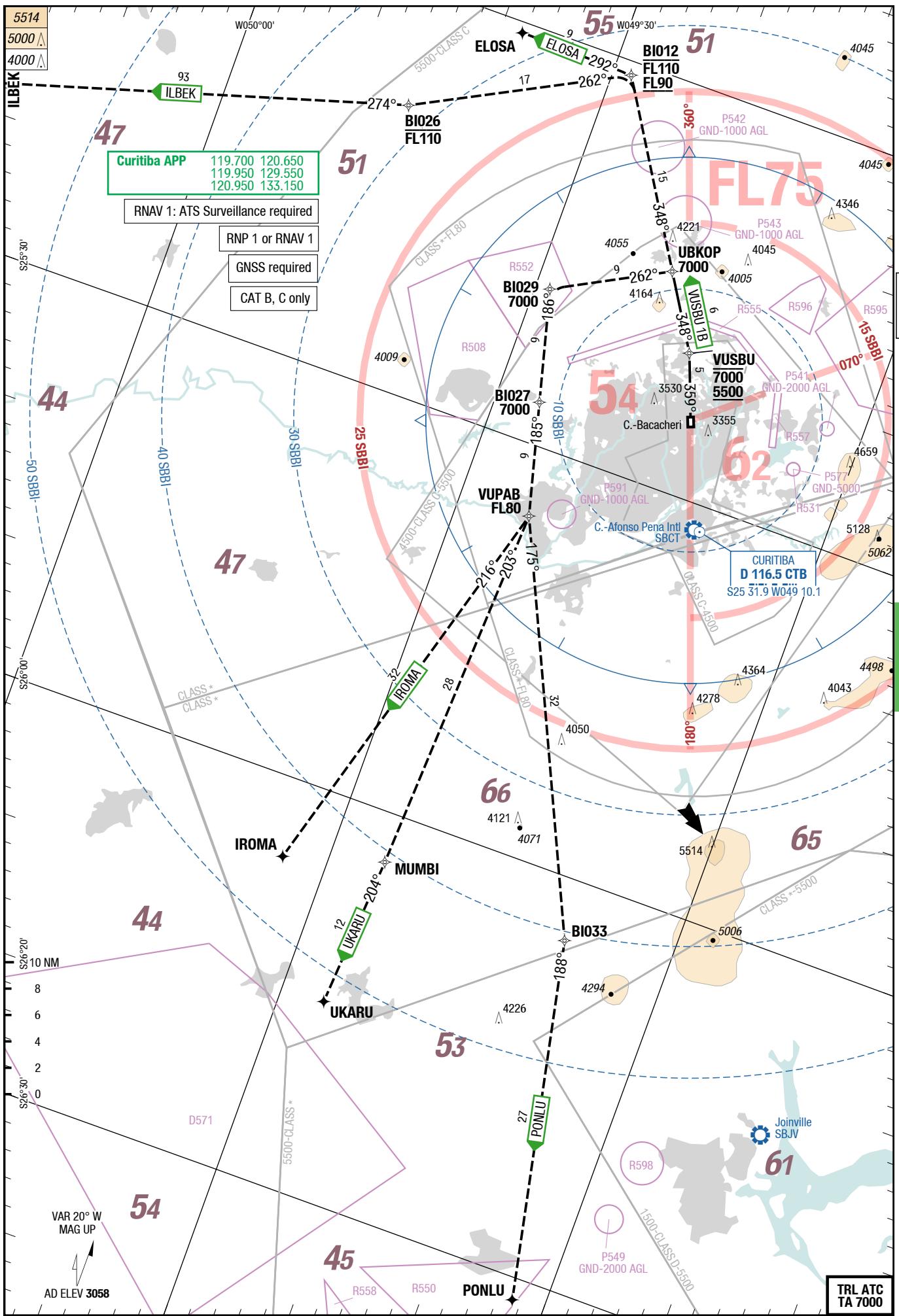
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Brazil Curitiba Bacacheri  
VUSBU 1B RNAV  
KOPRU 1A

SID

**Bacacheri Curitiba Brazil**  
**VUSBU 1B RNAV**  
**KOPRU 1A**



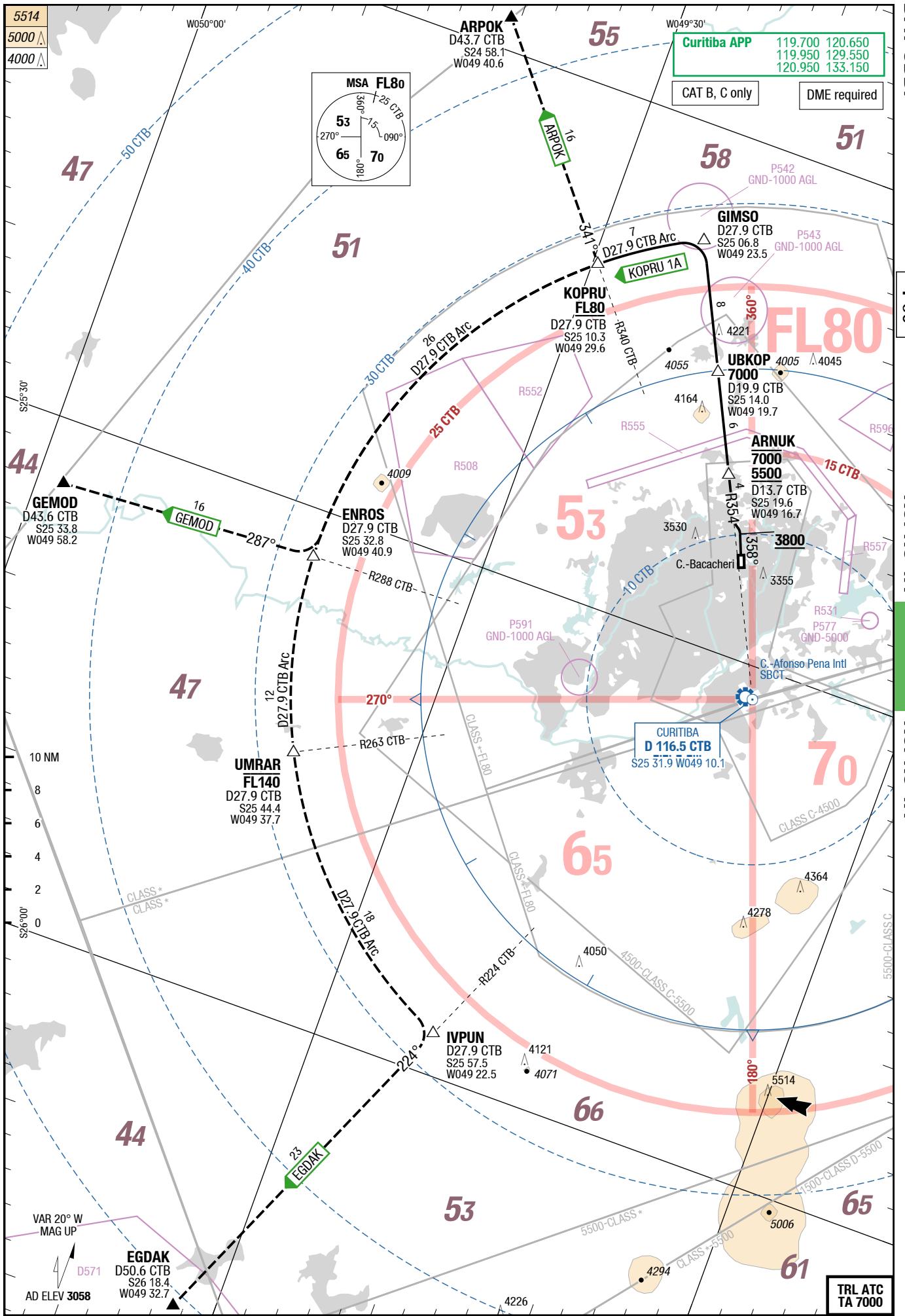
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Brazil Curitiba Bacacheri  
**KOPRU 1A**

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**KOPRU 1A** Bacacheri Curitiba Brazil



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PAGIN 1B

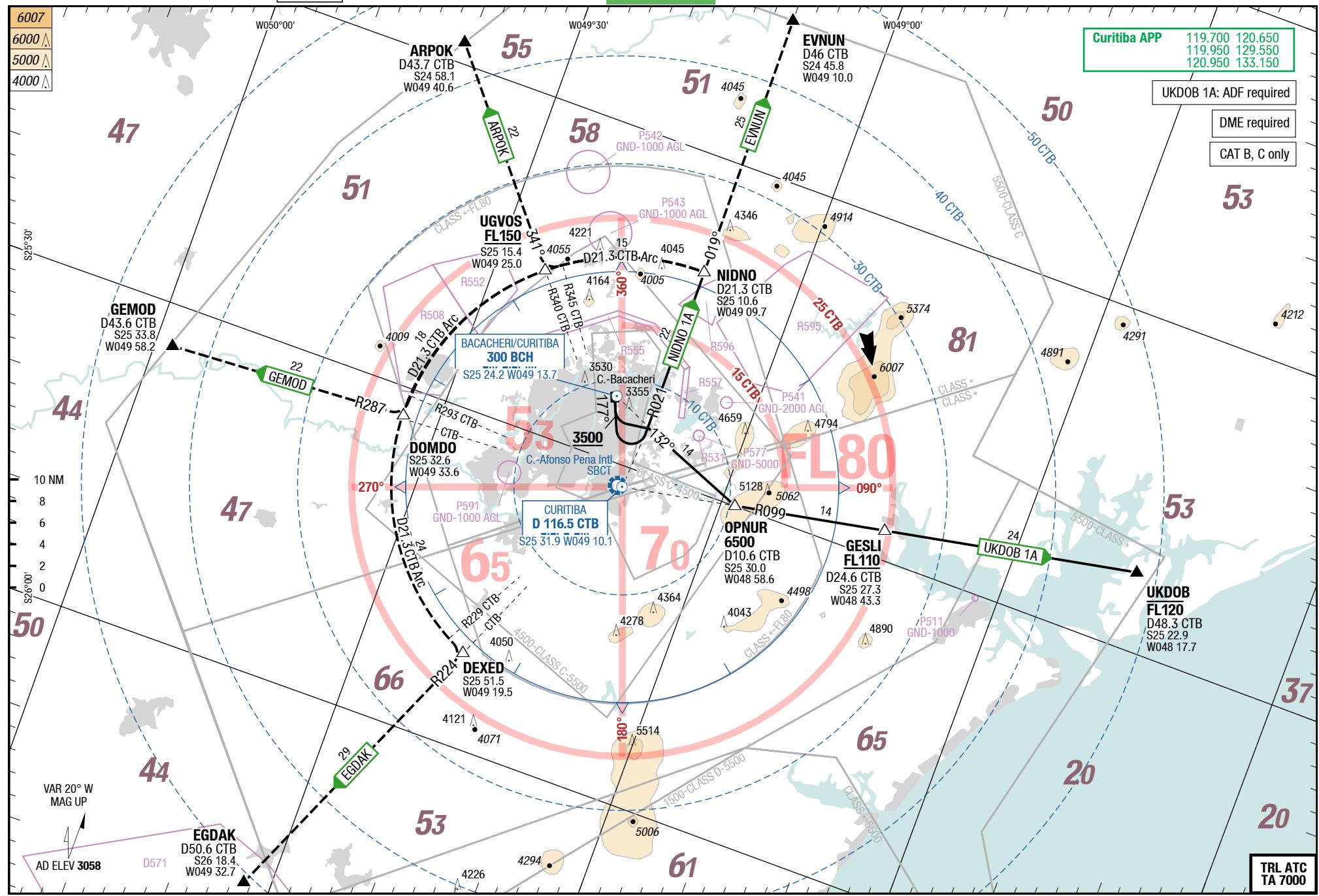
NINDO 1A / UKDOB 1A

Bacacheri Curitiba Brazil

PAGIN 1B

NINDO 1A / UKDOB 1A

4-70



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Brazil Curitiba Bacacheri

Bacacheri Curitiba Brazil

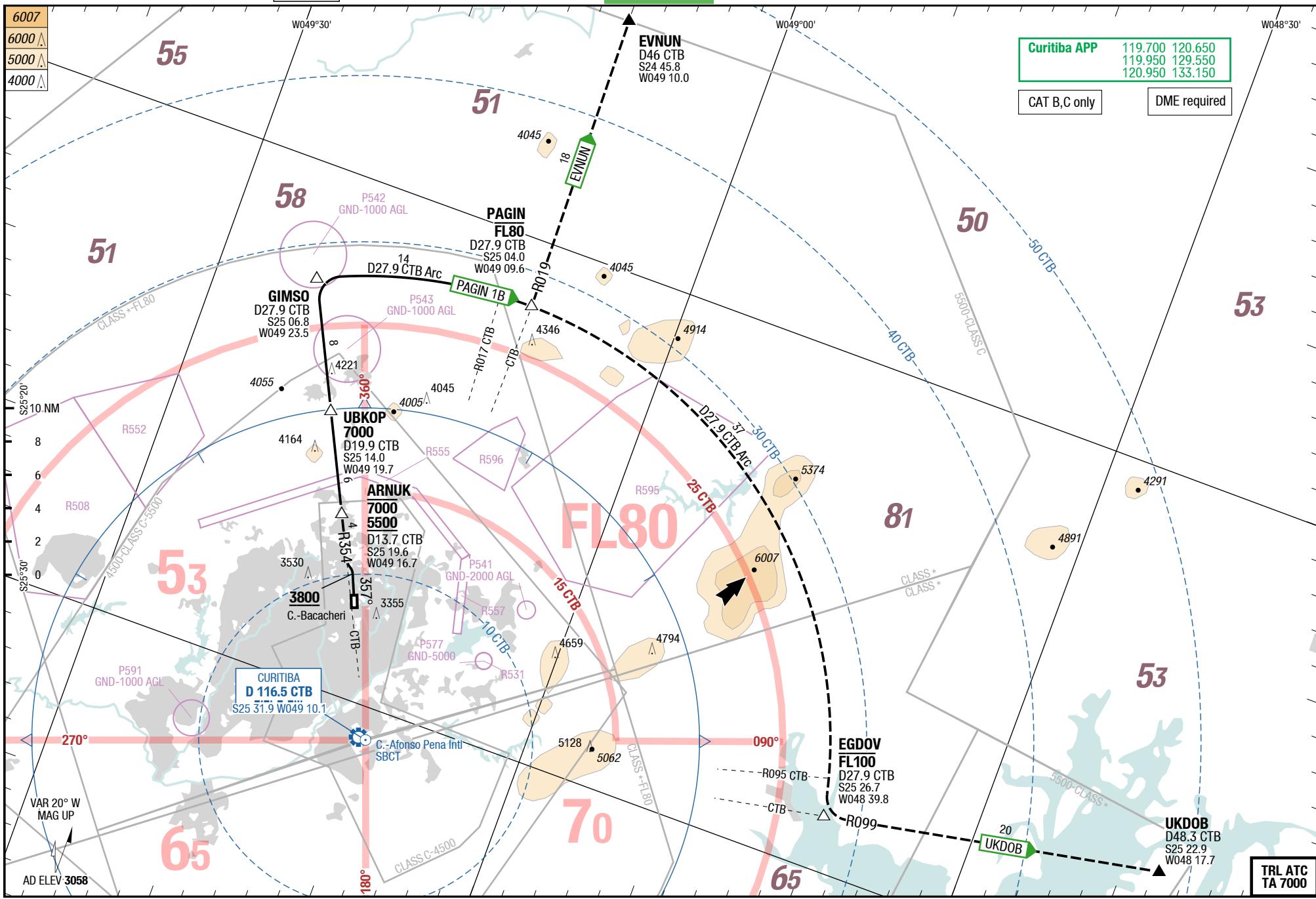
4-80

PAGIN 1B

SID

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PAGIN 1B



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Brazil Curitiba Bacacheri

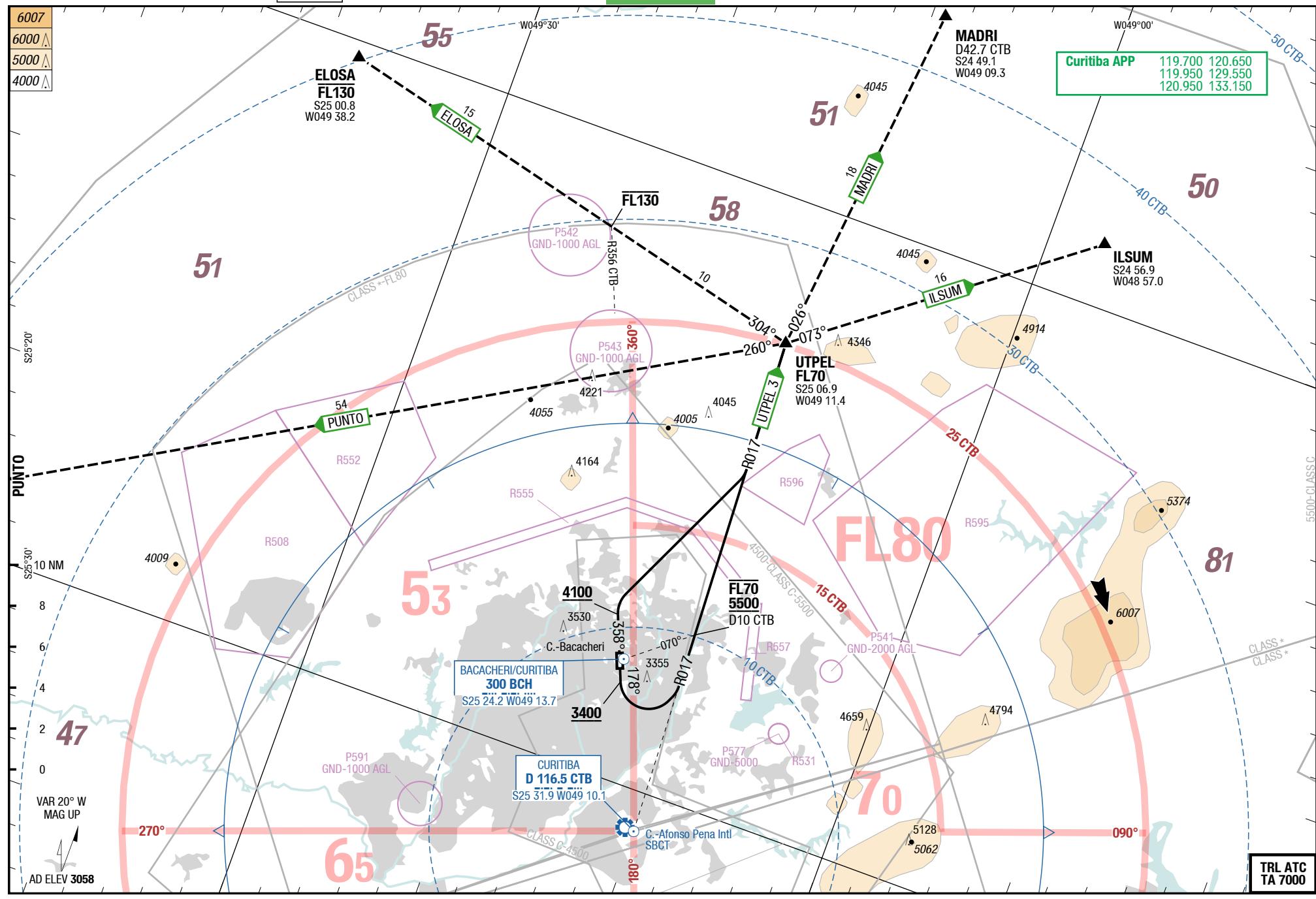
Bacacheri Curitiba Brazil

4-90

**UTPEL 3**

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SII SII NIL UTPEL 3



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**BFH-SBBI****5-10****GAVOB 1A RNAV****GAVOB 1A**

RWY 18 (178°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 18</b>	
<b>GAVOB 1A</b>	177° [A3500+ ;L] - DCT <u>BI001</u> [K190-] - GAVOB	BI001 MNM <b>4500</b> GAVOB between <b>6000</b> and <b>7000</b>
	<b>TRANSITION</b>	
	<b>ANGOG</b> GAVOB - ILMUN - ANGOG	GAVOB between <b>6000</b> and <b>7000</b> ILMUN at <b>FL90</b>
	<b>EGDAK</b> GAVOB - ILMUN - ENLUM - BI031 - BI033 - EGDAK	GAVOB between <b>6000</b> and <b>7000</b> ILMUN at <b>FL90</b> BI033 at <b>FL90</b>
	<b>ERODU</b> GAVOB - UMPUT - MUKPA - EDVEB - ERODU	GAVOB between <b>6000</b> and <b>7000</b> UMPUT MAX <b>FL170</b> MUKPA MNM <b>FL190</b> EDVEB MAX <b>FL240</b>
	<b>KOXAG</b> GAVOB - UMPUT - MUKPA - EDVEB - ERODU - KOXAG	GAVOB between <b>6000</b> and <b>7000</b> UMPUT MAX <b>FL170</b> MUKPA MNM <b>FL190</b> EDVEB MAX <b>FL240</b>
	<b>PONLU</b> GAVOB - ILMUN - ENLUM - BI031 - BI033 - BI028 - PONLU	GAVOB between <b>6000</b> and <b>7000</b> ILMUN at <b>FL90</b> BI033 at <b>FL90</b> BI028 at <b>FL90</b>

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**BFH-SBBI****5-20****GAVOB 1B RNAV**

SIDPT

**GAVOB 1B**

RWY 18 (178°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 18</b>	
<b>GAVOB 1B</b>	177° [A3500+ ;L] - DCT <u>BI001</u> [K190-] - GAVOB	BI001 MNM <b>4500</b> GAVOB between <b>6000</b> and <b>7000</b>
	<b>TRANSITION</b>	
<b>EDVEB</b>	GAVOB - UMPUT - UKDOB - EDVEB	GAVOB between <b>6000</b> and <b>7000</b> UKDOB MAX <b>FL120</b> EDVEB MAX <b>FL240</b>
<b>ERODU</b>	GAVOB - UMPUT - UKDOB - EDVEB - ERODU	GAVOB between <b>6000</b> and <b>7000</b> UKDOB MAX <b>FL120</b> EDVEB MAX <b>FL240</b>
<b>KOXAG</b>	GAVOB - UMPUT - UKDOB - EDVEB - ERODU - KOXAG	GAVOB between <b>6000</b> and <b>7000</b> UKDOB MAX <b>FL120</b> EDVEB MAX <b>FL240</b>

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**BFH-SBBI****5-30****PAGIN 1A RNAV****PAGIN 1A**

RWY 18 (178°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 18</b>	
<b>PAGIN 1A</b>	177° [A3500+ ;L] - DCT BI001 [K190-] - GAVOB - VUBNI - BI021 - PAGIN	BI001 MNM <b>4500</b> GAVOB between <b>6000</b> and <b>7000</b> VUBNI at <b>FL80</b> BI021 MAX <b>FL80</b> PAGIN MAX <b>FL100</b>
	<b>TRANSITION</b>	
<b>DAGPI</b>	PAGIN - DAGPI	PAGIN MAX <b>FL100</b>
<b>ELOSA</b>	PAGIN - BI032 - BI012 - ELOSA	PAGIN MAX <b>FL100</b> BI032 MNM <b>FL100</b>
<b>ILBEK</b>	PAGIN - BI032 - BI012 - BI022 - ILBEK	PAGIN MAX <b>FL100</b> BI032 MNM <b>FL100</b> BI022 MAX <b>FL110</b>
<b>UTPUN</b>	PAGIN - UTPUN	PAGIN MAX <b>FL100</b>

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**BFH-SBBI****5-40****VUSBU 1A RNAV****VUSBU 1A**

RWY 36 (358°)

	GS	120	150	180	210	240	270
4.3%	ft/MIN	600	700	800	1000	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 36</b>	
<b>VUSBU 1A</b> 4.3% to VUSBU ①	DCT VUSBU - ILRIT	VUSBU between <b>5500</b> and <b>7000</b> ILRIT at <b>7000</b>
	<b>TRANSITION</b>	
	<b>ANGOG</b> ILRIT - BI023 - UMPUT - BI024 - ANGOG	ILRIT at <b>7000</b> BI023 between <b>FL80</b> and <b>FL90</b> BI024 MAX <b>FL100</b>
	<b>DAGPI</b> ILRIT - PAGIN - DAGPI	ILRIT at <b>7000</b> PAGIN MAX <b>FL80</b>
	<b>ILSUM</b> ILRIT - PAGIN - ILSUM	ILRIT at <b>7000</b> PAGIN MAX <b>FL80</b>
	<b>KOXAG</b> ILRIT - BI023 - UMPUT - MUKPA - UKDOB - EDVEB - KOXAG	ILRIT at <b>7000</b> BI023 between <b>FL80</b> and <b>FL90</b> MUKPA MAX <b>FL100</b> UKDOB MAX <b>FL100</b> EDVEB MAX <b>FL240</b>
	<b>UTPUN</b> ILRIT - PAGIN - UTPUN	ILRIT at <b>7000</b> PAGIN MAX <b>FL80</b>

① Close in OBST not considered for climb gradient: Tree 360° / 701m from THR18, 3125ft.

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**BFH-SBBI****5-50****VUSBU 1B RNAV****VUSBU 1B**

RWY 36 (358°)

	GS	120	150	180	210	240	270
4.3%	ft/MIN	600	700	800	1000	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 36</b>	
<b>VUSBU 1B</b> 4.3% to VUSBU ①	DCT VUSBU - UBKOP	VUSBU between <b>5500</b> and <b>7000</b> UBKOP at <b>7000</b>
	<b>TRANSITION</b>	
	<b>ELOSA</b> UBKOP - BI012 - ELOSA	UBKOP at <b>7000</b> BI012 between <b>FL90</b> and <b>FL110</b>
	<b>ILBEK</b> UBKOP - BI012 - BI026 - ILBEK	UBKOP at <b>7000</b> BI012 between <b>FL90</b> and <b>FL110</b> BI026 MAX <b>FL110</b>
	<b>IROMA</b> UBKOP - BI029 - BI027 - VUPAB - IROMA	UBKOP at <b>7000</b> BI029 at <b>7000</b> BI027 at <b>7000</b> VUPAB at <b>FL80</b>
	<b>PONLU</b> UBKOP - BI029 - BI027 - VUPAB - BI033 - PONLU	UBKOP at <b>7000</b> BI029 at <b>7000</b> BI027 at <b>7000</b> VUPAB at <b>FL80</b>
	<b>UKARU</b> UBKOP - BI029 - BI027 - VUPAB - MUMBI - UKARU	UBKOP at <b>7000</b> BI029 at <b>7000</b> BI027 at <b>7000</b> VUPAB at <b>FL80</b>

① Close-in OBST not considered for climb gradient: Tree 360°/701m from THR18, 3125ft.

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**BFH-SBBI****5-60****KOPRU 1A**

SIDPT

**KOPRU 1A**

RWY 36 (358°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 36</b>	
<b>KOPRU 1A</b> 4.0% to 3800 ①	No procedure text published	ARNUK between <b>5500</b> and <b>7000</b> UBKOP at <b>7000</b> KOPRU MNM <b>FL80</b>
	<b>TRANSITION</b>	
	<b>ARPOK</b>	KOPRU MNM <b>FL80</b>
	<b>EGDAK</b>	KOPRU MNM <b>FL80</b> UMRAR MAX <b>FL140</b>
	<b>GEMOD</b>	KOPRU MNM <b>FL80</b>

① Close-in OBST not considered in climb gradient: Tree 019°/701m from THR18, 3125ft.

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**BFH-SBBI****5-70****NINDO 1A / UKDOB 1A**

SIDPT

**NINDO 1A / UKDOB 1A**

RWY 18 (178°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 18	
<b>NIDNO 1A</b>	No procedure text published	
	<b>TRANSITION</b>	
	<b>ARPOK</b>	UGVOS MNM <b>FL150</b>
	<b>EGDAK</b>	UGVOS MNM <b>FL150</b>
	<b>EVNUN</b>	
	<b>GEMOD</b>	UGVOS MNM <b>FL150</b>
<b>UKDOB 1A</b>	No procedure text published	OPNUR at <b>6500</b> GESLI MNM <b>FL110</b> UKDOB MAX <b>FL120</b>

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**BFH-SBBI****5-80****PAGIN 1B****PAGIN 1B**

RWY 36 (358°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 36</b>	
<b>PAGIN 1B</b> 4.0% to 3800	No procedure text published	ARNUK between <b>5500</b> and <b>7000</b> UBKOP at <b>7000</b> PAGIN MAX <b>FL80</b>
	<b>TRANSITION</b>	
	<b>EVNUN</b>	PAGIN MAX <b>FL80</b>
	<b>UKDOB</b>	PAGIN MAX <b>FL80</b> EGDOV MAX <b>FL100</b>

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**BFH-SBBI****5-90****UTPEL 3****UTPEL 3**

RWYs 18 (178°) / 36 (358°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 18</b>	
<b>UTPEL 3</b> 4.5%	No procedure text published	QDR 070° <b>BCH</b> between <b>5500</b> and <b>FL70</b> UTPEL at <b>FL70</b>
	<b>TRANSITION</b>	
	<b>ELOSA</b>	UTPEL at <b>FL70</b> R356 <b>CTB MAX FL130</b> ELOSA MAX <b>FL130</b>
	<b>ILSUM</b>	UTPEL at <b>FL70</b>
	<b>MADRI</b>	UTPEL at <b>FL70</b>
	<b>PUNTO</b>	UTPEL at <b>FL70</b>
	<b>Runway 36</b>	
<b>UTPEL 3</b> 4.5%	No procedure text published	UTPEL at <b>FL70</b>
	<b>TRANSITION</b>	
	<b>ELOSA</b>	UTPEL at <b>FL70</b> R356 <b>CTB MAX FL130</b> ELOSA MAX <b>FL130</b>
	<b>ILSUM</b>	UTPEL at <b>FL70</b>
	<b>MADRI</b>	UTPEL at <b>FL70</b>
	<b>PUNTO</b>	UTPEL at <b>FL70</b>

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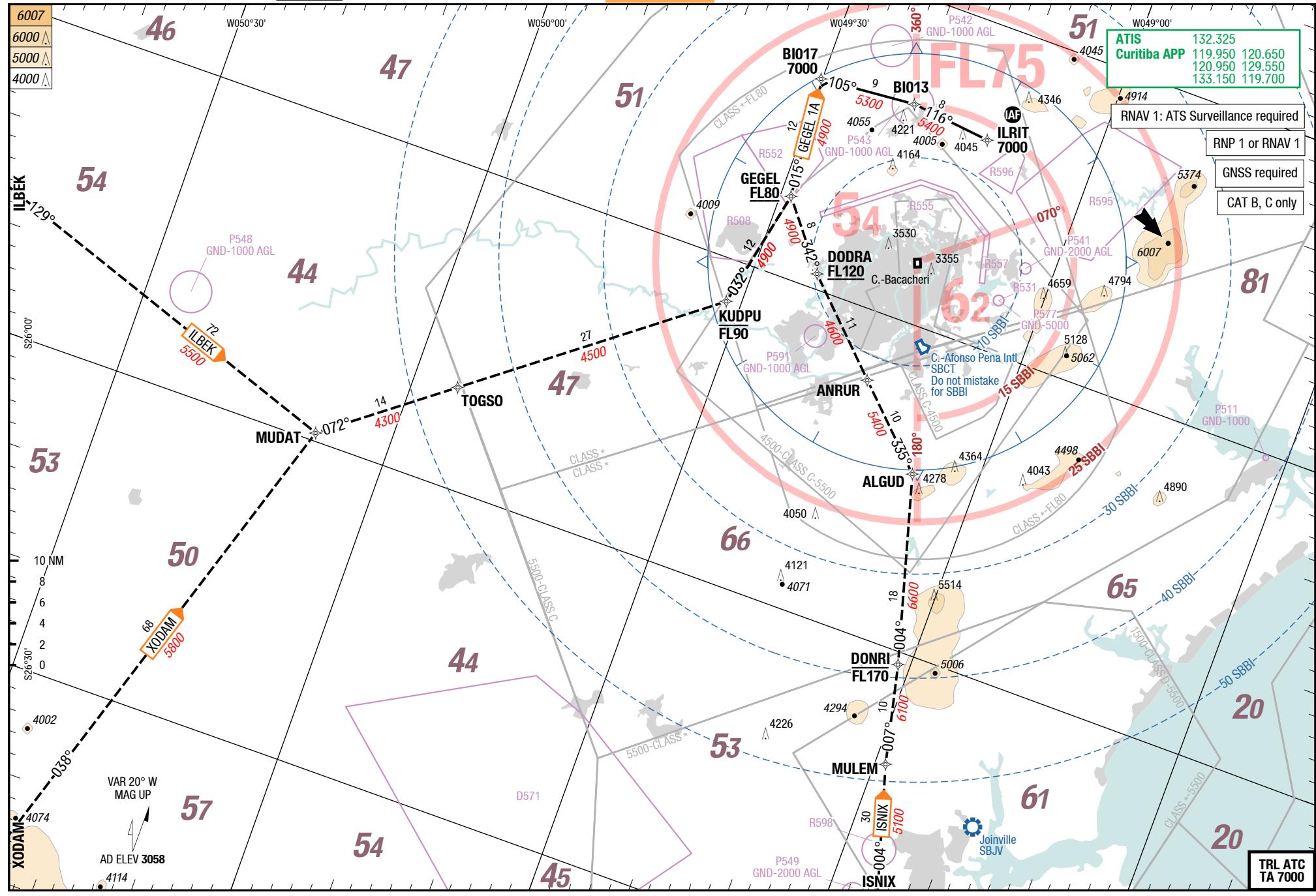
Brazil Curitiba Bacacheri

**GEHEL 1A RNAV**

Bacacheri Curitiba Brazil

**ILRIT 1A RNAV**

6-10



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Brazil Curitiba Bacacheri

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6-20

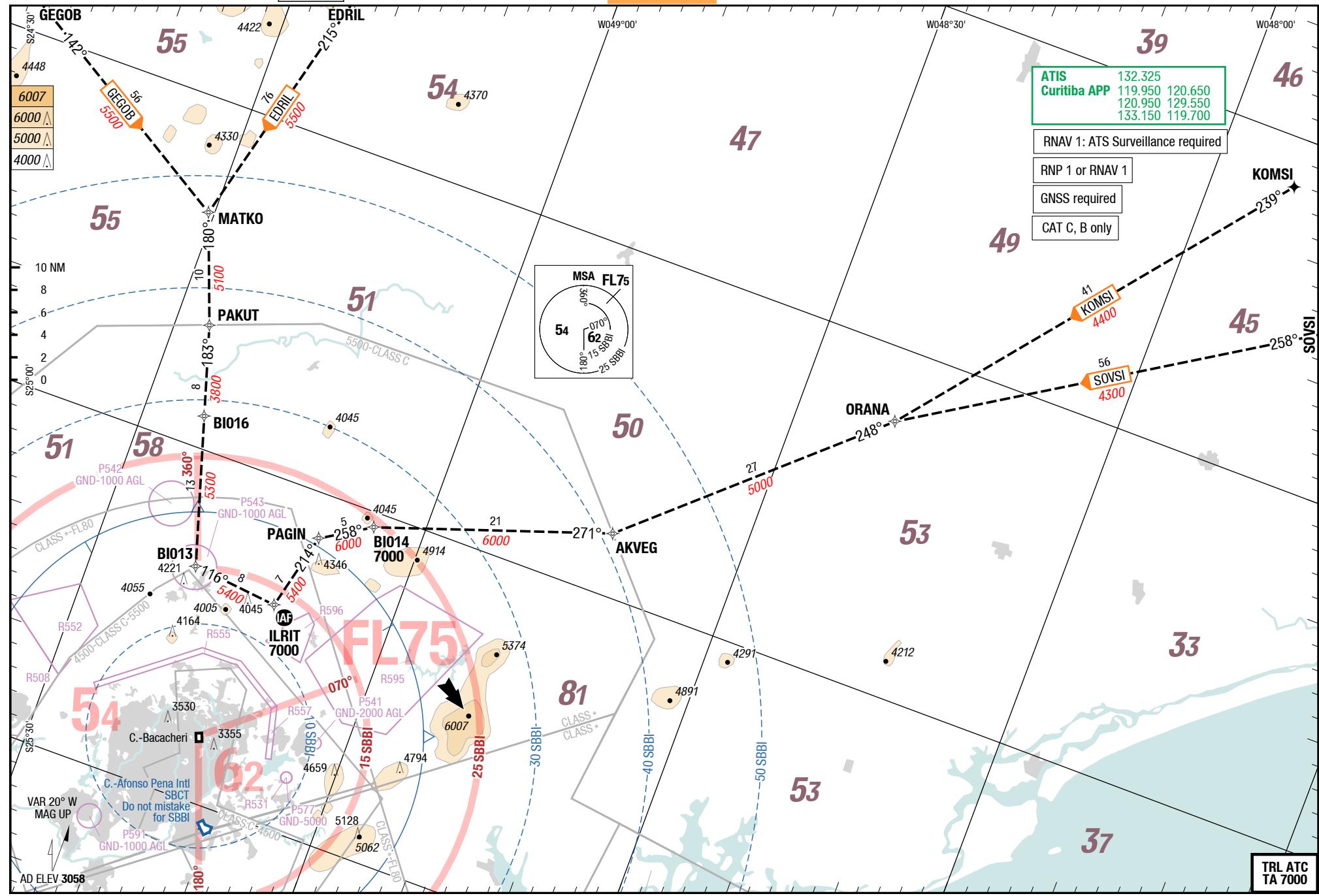
ILRIT 1A RNAV

STAR

STAR

Bacacheri Curitiba Brazil

ILRIT 1A RNAV



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# Brazil Curitiba Bacacheri

MUDAT 1A RNAV

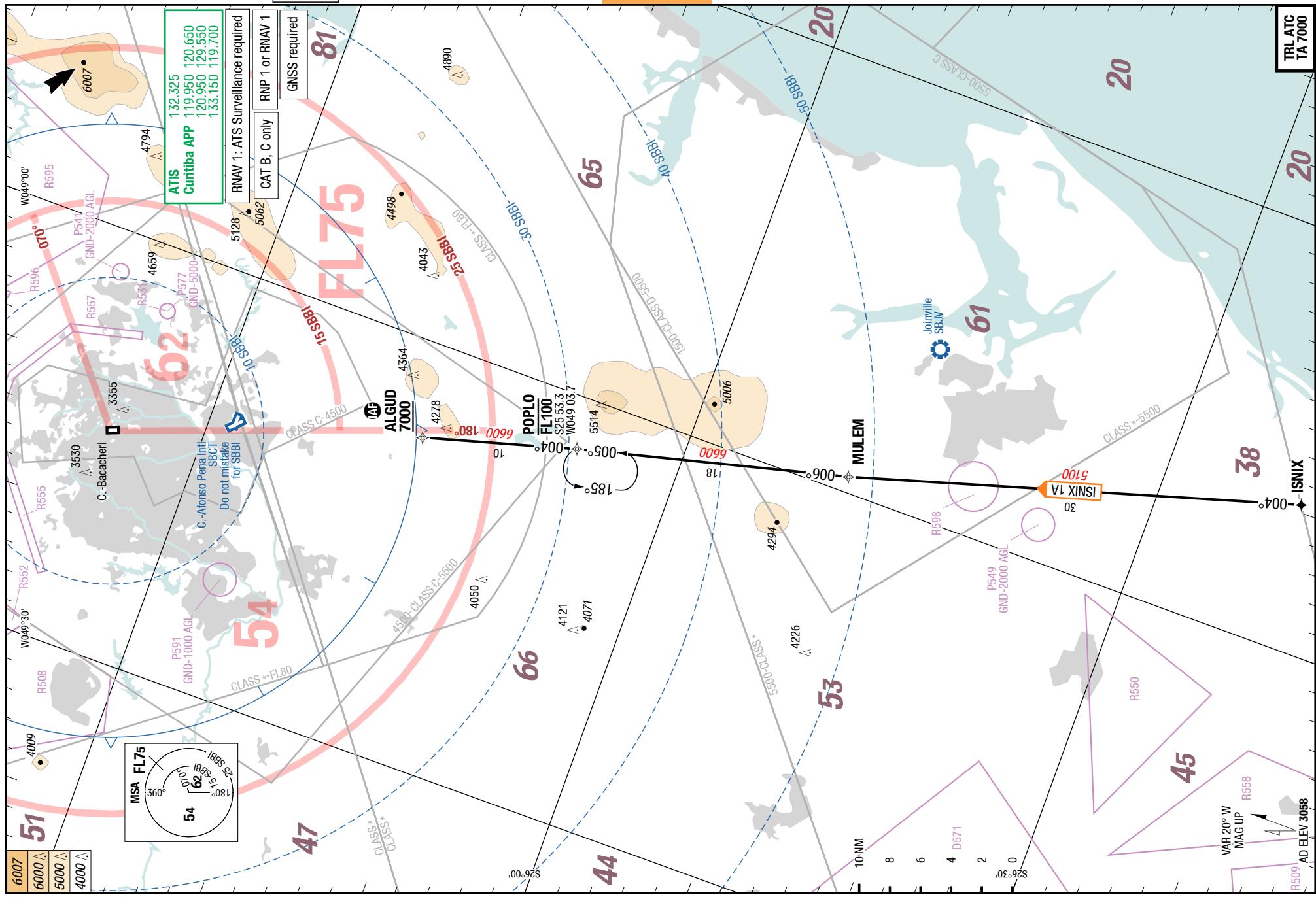
ISNIX 1A RNAV

Bacacheri **Curitiba** Brazil

MUDAT 1A RNAV

## **ISNIX 1A RNAV**

5-30



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Brazil **Curitiba** Bacacheri

Bacacheri Curitiba Brazil

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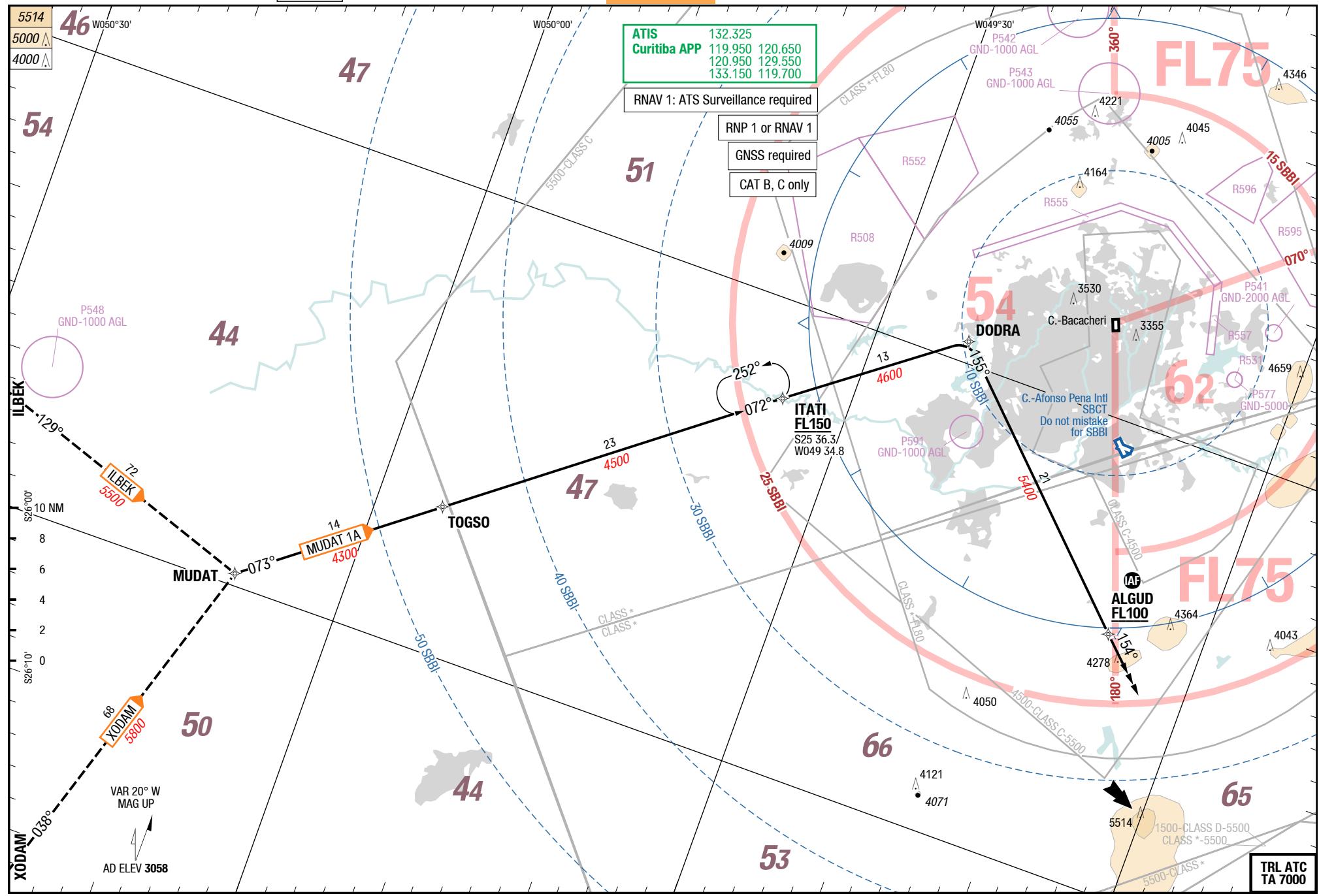
6-40

MUDAT 1A RNAV

STAR

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MUDAT 1A RNAV



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Brazil Curitiba Bacacheri

SOVTA 1A RNAV

Bacacheri **Curitiba** Brazil

**SOVTA 1A RNAV**

STAR

STAR

**ATIS Curitiba APP**

132.325
119.950 120.650
120.950 129.550
133.150 119.700

**RNAV 1: ATS Surveillance required**

**RNP 1 or RNAV 1**

**GNSS required**

**CAT B, C only**

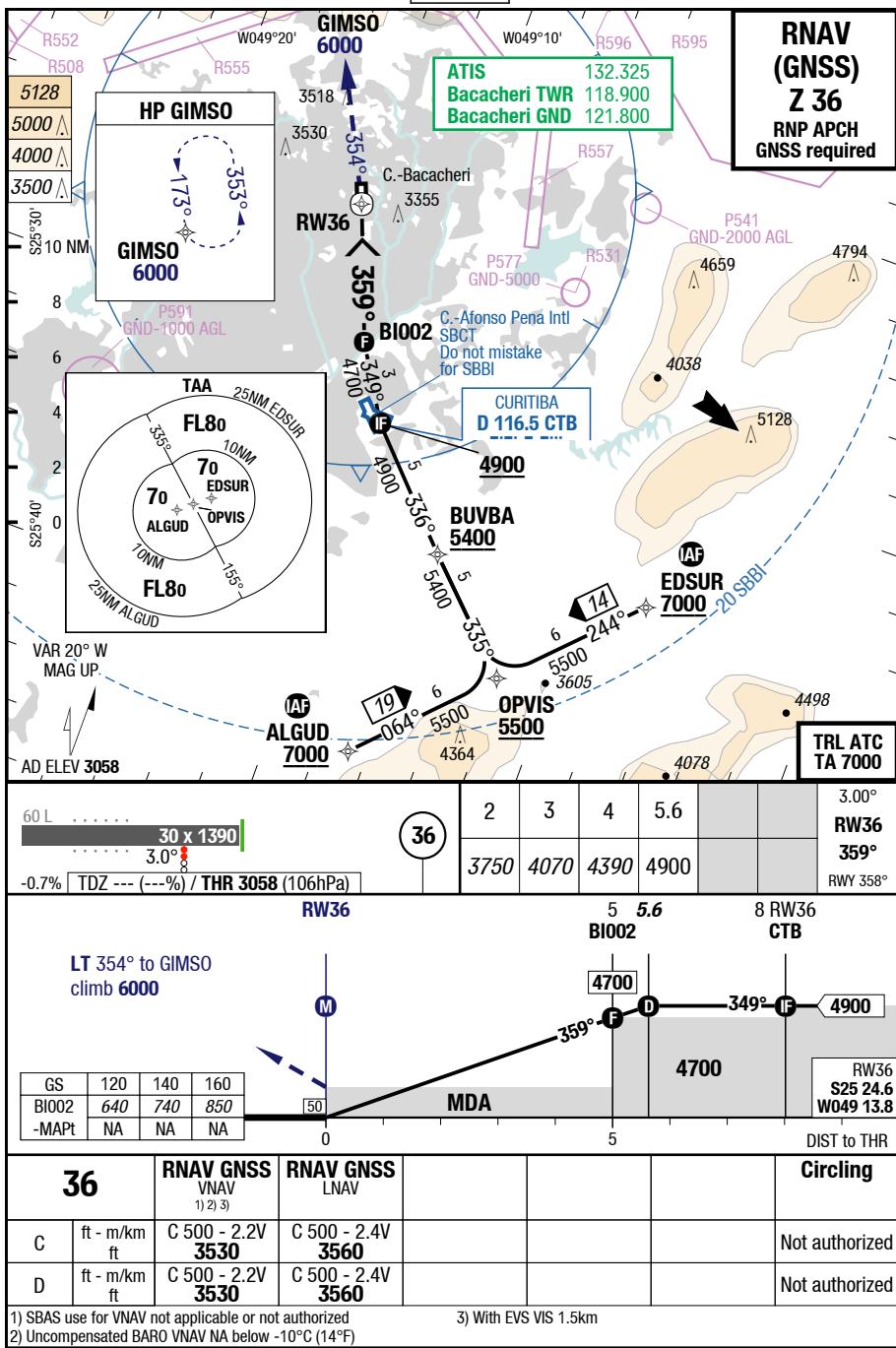
**TRL ATC TA 7000**

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## BFH-SBBI

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## RNAV (GNSS) Z 36



Brazil **Curitiba** Bacacheri

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**VOR DME Z 36**

