

16-MAR-2017

Bolivia **Santa Cruz** Viru Viru Int.**VVI-SLVR**

1-10

**A0I****A0I****GENERAL****Operational Hours****ATS Hours / AD ADMIN Hours:** H24**Airport Information****RFF:** CAT 9**PCN:** RWY 16/34: 57/R/B/X/T**Warnings**

Birds in vicinity of AD.

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

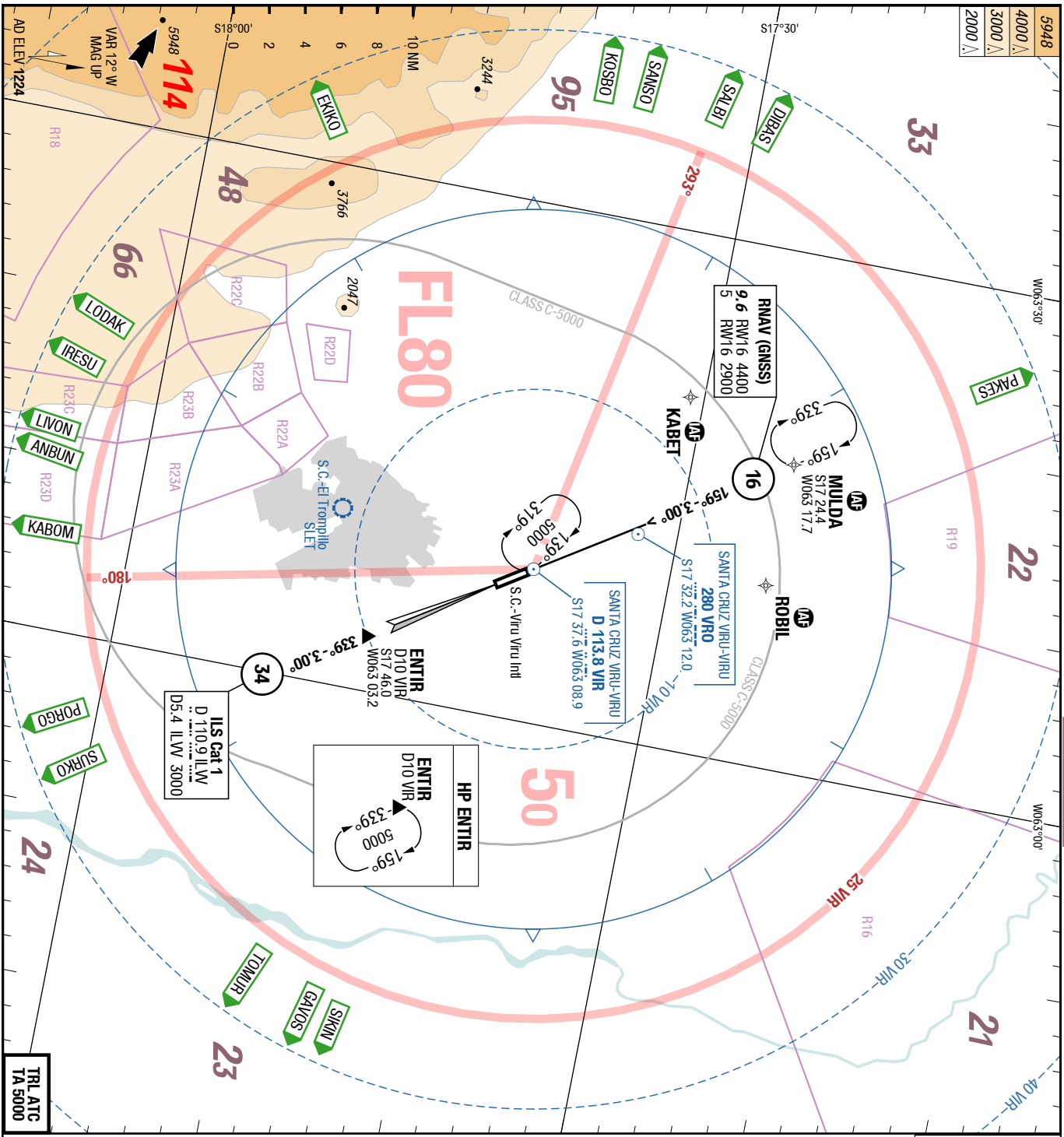
RWY		16/34	
All ACFT	ft - m/km	0 - 400V	HJ only
		0 - 800V	HN

Changes: TKOF MIN

12-JUL-2018  
VI-SLVR

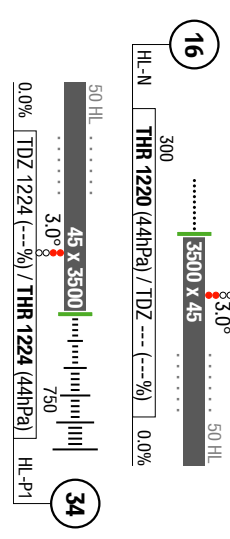
Bolivia Santa Cruz Viru Viru Int.  
2-10  
AFC  
AFC  
AFC

Viru Viru Int. Santa Cruz Bolivia  
AFC



CTL	
Viru Viru APP	123.700
Viru Viru TWR	124.900
Viru Viru GND	119.700
	118.600
	121.900
RDO	127.100

Landing RWY system:

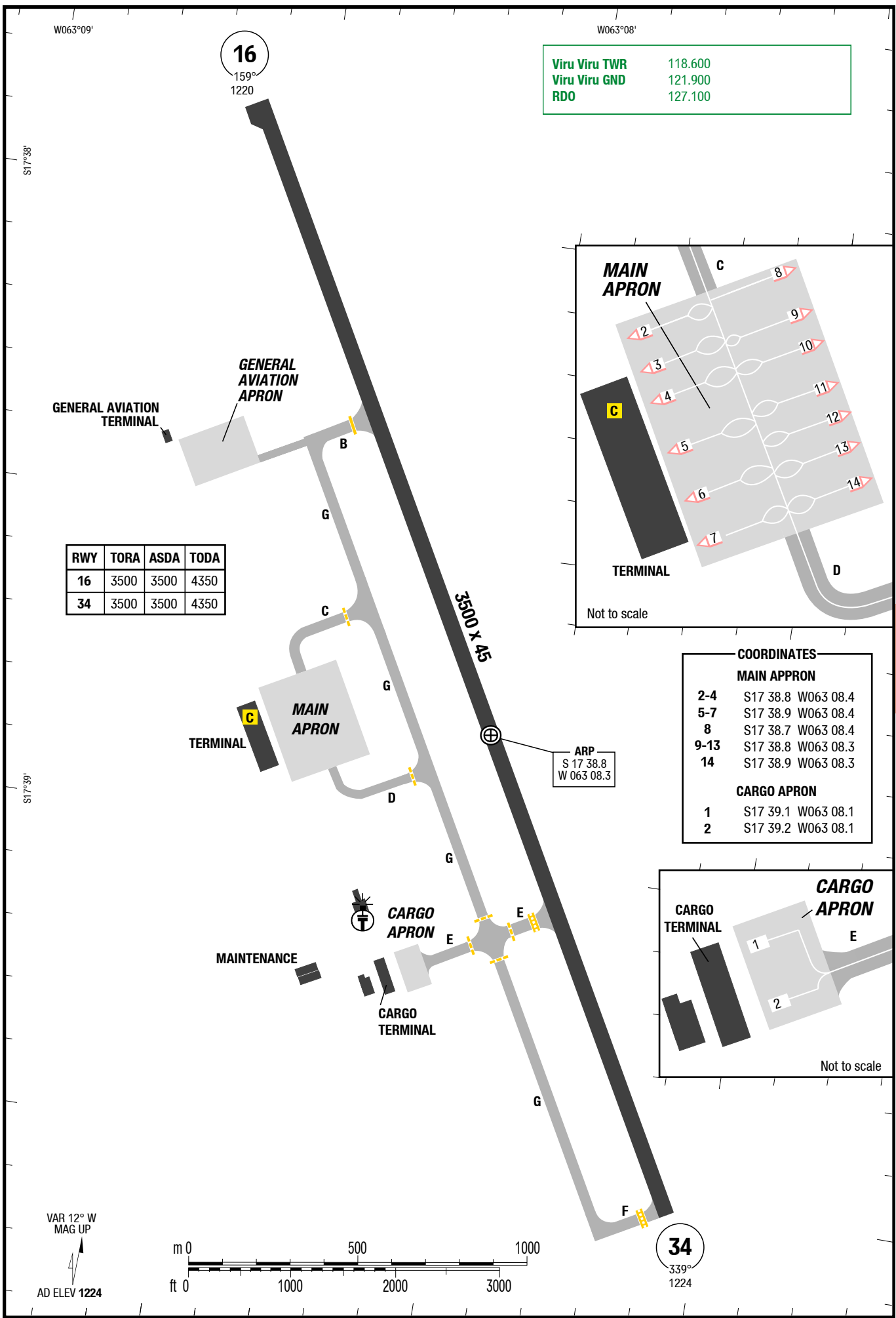


12-JUL-2018  
VI-SLVR

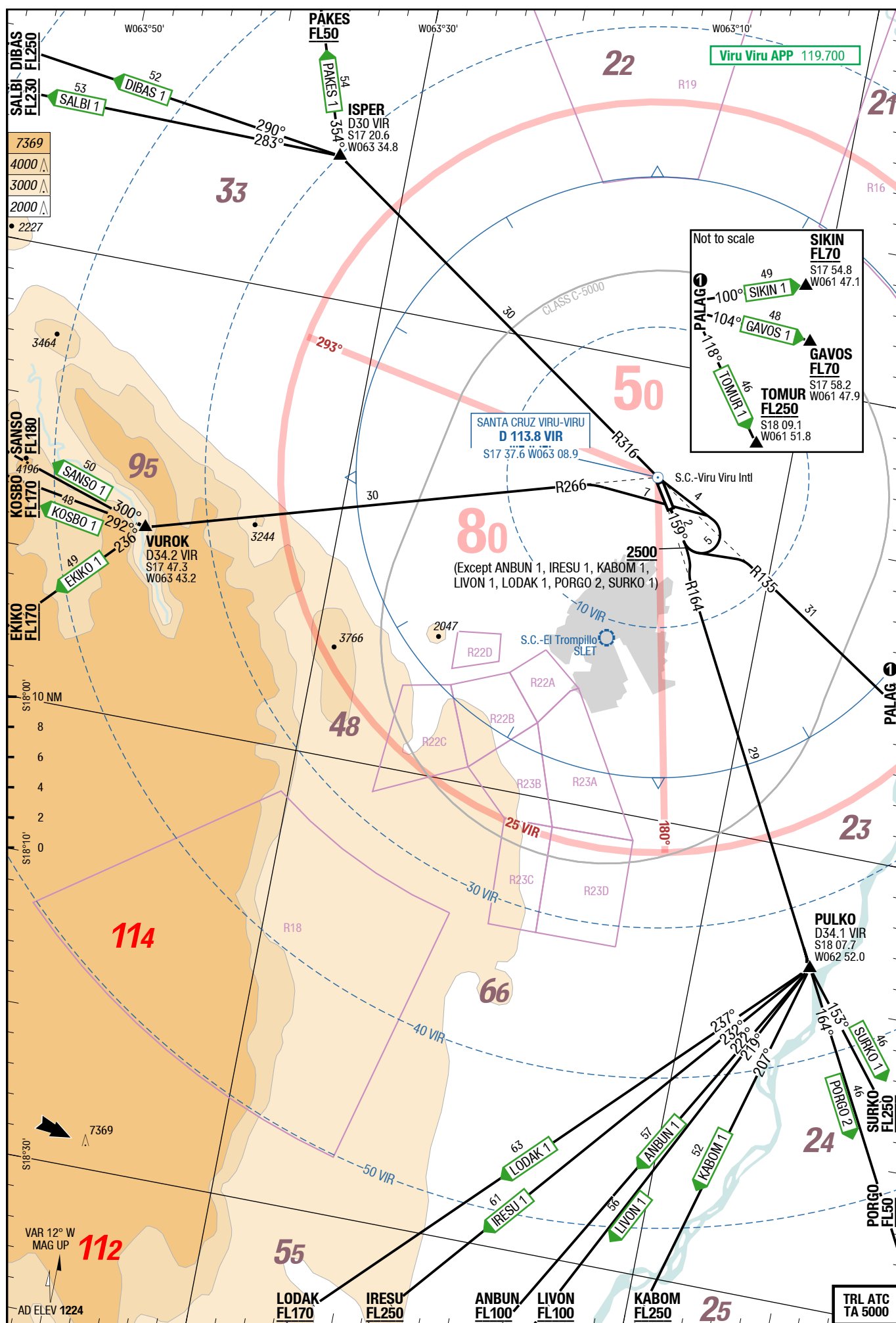
Bolivia Santa Cruz Viru Viru Int.  
3-20  
AGC

AGC  
AGC

Viru Viru Int. Santa Cruz Bolivia  
AGC



Changes: Nil



VI-SLVR

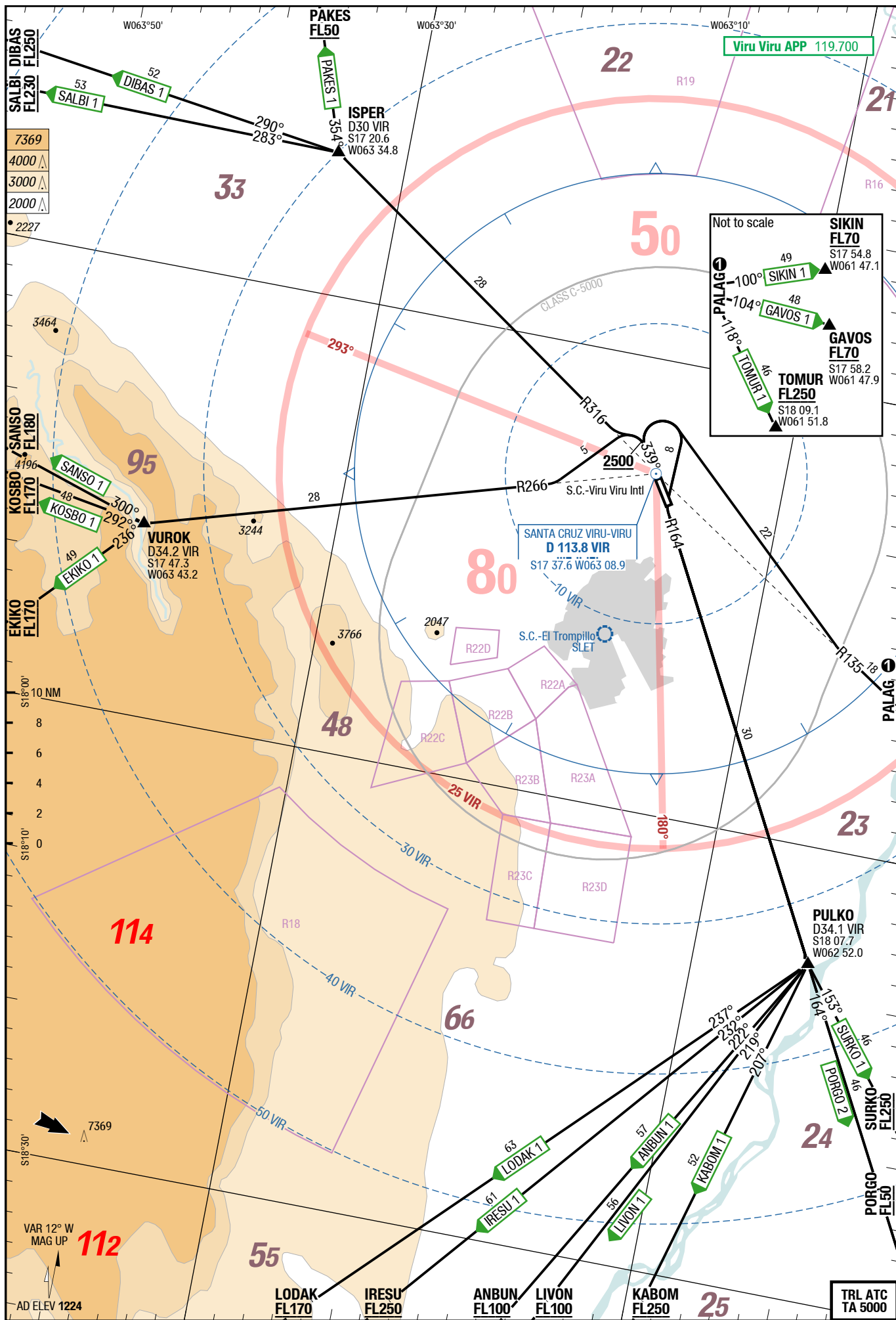
4-20

SIDS RWY 34

SID

SID

SIDS RWY 34



## VVI-SLVR

5-10

## SIDs RWY 16

**ANBUN 1 / DIBAS 1 / EKIKO 1 / GAVOS 1 / IRESU 1 / KABOM 1 / KOSBO 1 / LIVON 1 / LODAK 1 / PAKES 1 / PORGO 2 / SALBI 1 / SANSO 1 / SIKIN 1 / SURKO 1 / TOMUR 1**  
RWY 16 (159°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 16</b>	
<b>ANBUN 1</b> 119.700	intercept R164 <b>VIR</b> to PULK0 - <b>RT</b> 222° to ANBUN	ANBUN MNM <b>FL100</b>
<b>DIBAS 1</b> 119.700	at MNM <b>2500 LT</b> - intercept R316 <b>VIR</b> to ISPER - <b>LT</b> 290° to DIBAS	DIBAS MNM <b>FL250</b>
<b>EKIKO 1</b> 119.700	at MNM <b>2500 LT</b> - intercept R266 <b>VIR</b> to VUOK - <b>LT</b> 236° to EKIKO	EKIKO MNM <b>FL170</b>
<b>GAVOS 1</b> 119.700	at MNM <b>2500 LT</b> intercept R135 <b>VIR</b> to PALAG - <b>LT</b> 104° to GAVOS	GAVOS MNM <b>FL70</b>
<b>IRESU 1</b> 119.700	intercept R164 <b>VIR</b> to PULK0 - <b>RT</b> 232° to IRESU	IRESU MNM <b>FL250</b>
<b>KABOM 1</b> 119.700	intercept R164 <b>VIR</b> to PULK0 - <b>RT</b> 207° to KABOM	KABOM MNM <b>FL250</b>
<b>KOSBO 1</b> 119.700	at MNM <b>2500 LT</b> - intercept R266 <b>VIR</b> to VUOK - <b>RT</b> 292° to KOSBO	KOSBO MNM <b>FL170</b>
<b>LIVON 1</b> 119.700	intercept R164 <b>VIR</b> to PULK0 - <b>RT</b> 219° to LIVON	LIVON MNM <b>FL100</b>
<b>LODAK 1</b> 119.700	intercept R164 <b>VIR</b> to PULK0 - <b>RT</b> 237° to LODAK	LODAK MNM <b>FL170</b>
<b>PAKES 1</b> 119.700	at MNM <b>2500 LT</b> - intercept R316 <b>VIR</b> to ISPER - <b>RT</b> 354° to PAKES	PAKES MNM <b>FL50</b>
<b>PORGO 2</b> 119.700	intercept R164 <b>VIR</b> to PULK0 - PORGO	PORGO MNM <b>FL50</b>
<b>SALBI 1</b> 119.700	at MNM <b>2500 LT</b> - intercept R316 <b>VIR</b> to ISPER - <b>LT</b> 283° to SALBI	SALBI MNM <b>FL230</b>
<b>SANSO 1</b> 119.700	at MNM <b>2500 LT</b> - intercept R266 <b>VIR</b> to VUOK - <b>RT</b> 300° to SANSO	SANSO MNM <b>FL180</b>
<b>SIKIN 1</b> 119.700	at MNM <b>2500 LT</b> intercept R135 <b>VIR</b> to PALAG - <b>LT</b> 100° to SIKIN	SIKIN MNM <b>FL70</b>
<b>SURKO 1</b> 119.700	intercept R164 <b>VIR</b> to PULK0 - <b>LT</b> 153° to SURKO	SURKO MNM <b>FL250</b>
<b>TOMUR 1</b> 119.700	at MNM <b>2500 LT</b> intercept R135 <b>VIR</b> to PALAG - <b>LT</b> 118° to TOMUR	TOMUR MNM <b>FL250</b>

## VVI-SLVR

5-20

## SIDs RWY 34

**ANBUN 1 / DIBAS 1 / EKIKO 1 / GAVOS 1 / IRESU 1 / KABOM 1 / KOSBO 1 / LIVON 1 /  
LODAK 1 / PAKES 1 / PORGO 2 / SALBI 1 / SANSO 1 / SIKIN 1 / SURKO 1 / TOMUR 1**  
RWY 34 (339°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 34</b>	
<b>ANBUN 1</b> 119.700	at MNM <b>2500 RT</b> intercept R164 <b>VIR</b> to PULKO - RT 222° to ANBUN	ANBUN MNM <b>FL100</b>
<b>DIBAS 1</b> 119.700	at MNM <b>2500 LT</b> intercept R316 <b>VIR</b> to ISPER - LT 290° to DIBAS	DIBAS MNM <b>FL250</b>
<b>EKIKO 1</b> 119.700	at MNM <b>2500 LT</b> intercept R266 <b>VIR</b> to VUROK - LT 236° to EKIKO	EKIKO MNM <b>FL170</b>
<b>GAVOS 1</b> 119.700	at MNM <b>2500 RT</b> intercept R135 <b>VIR</b> to PALAG - LT 104° to GAVOS	GAVOS MNM <b>FL70</b>
<b>IRESU 1</b> 119.700	at MNM <b>2500 RT</b> intercept R164 <b>VIR</b> to PULKO - RT 232° to IRESU	IRESU MNM <b>FL250</b>
<b>KABOM 1</b> 119.700	at MNM <b>2500 RT</b> intercept R164 <b>VIR</b> to PULKO - RT 207° to KABOM	KABOM MNM <b>FL250</b>
<b>KOSBO 1</b> 119.700	at MNM <b>2500 LT</b> intercept R266 <b>VIR</b> to VUROK - RT 292° to KOSBO	KOSBO MNM <b>FL170</b>
<b>LIVON 1</b> 119.700	at MNM <b>2500 RT</b> intercept R164 <b>VIR</b> to PULKO - RT 219° to LIVON	LIVON MNM <b>FL100</b>
<b>LODAK 1</b> 119.700	at MNM <b>2500 RT</b> intercept R164 <b>VIR</b> to PULKO - RT 237° to LODAK	LODAK MNM <b>FL170</b>
<b>PAKES 1</b> 119.700	at MNM <b>2500 LT</b> intercept R316 <b>VIR</b> to ISPER - RT 354° to PAKES	PAKES MNM <b>FL50</b>
<b>PORGO 2</b> 119.700	at MNM <b>2500 RT</b> intercept R164 <b>VIR</b> to PULKO - PORGO	PORGO MNM <b>FL50</b>
<b>SALBI 1</b> 119.700	at MNM <b>2500 LT</b> intercept R316 <b>VIR</b> to ISPER - LT 283° to SALBI	SALBI MNM <b>FL230</b>
<b>SANSO 1</b> 119.700	at MNM <b>2500 LT</b> intercept R266 <b>VIR</b> to VUROK - RT 300° to SANSO	SANSO MNM <b>FL180</b>
<b>SIKIN 1</b> 119.700	at MNM <b>2500 RT</b> intercept R135 <b>VIR</b> to PALAG - LT 100° to SIKIN	SIKIN MNM <b>FL70</b>
<b>SURKO 1</b> 119.700	at MNM <b>2500 RT</b> intercept R164 <b>VIR</b> to PULKO - LT 153° to SURKO	SURKO MNM <b>FL250</b>
<b>TOMUR 1</b> 119.700	at MNM <b>2500 RT</b> intercept R135 <b>VIR</b> to PALAG - LT 118° to TOMUR	TOMUR MNM <b>FL250</b>



Effective 04-JAN-2018

28-DEC-2017

VVI-SLVR

6-10

Bolivia Santa Cruz Viru Viru Int.

NIL

ARRIVALS

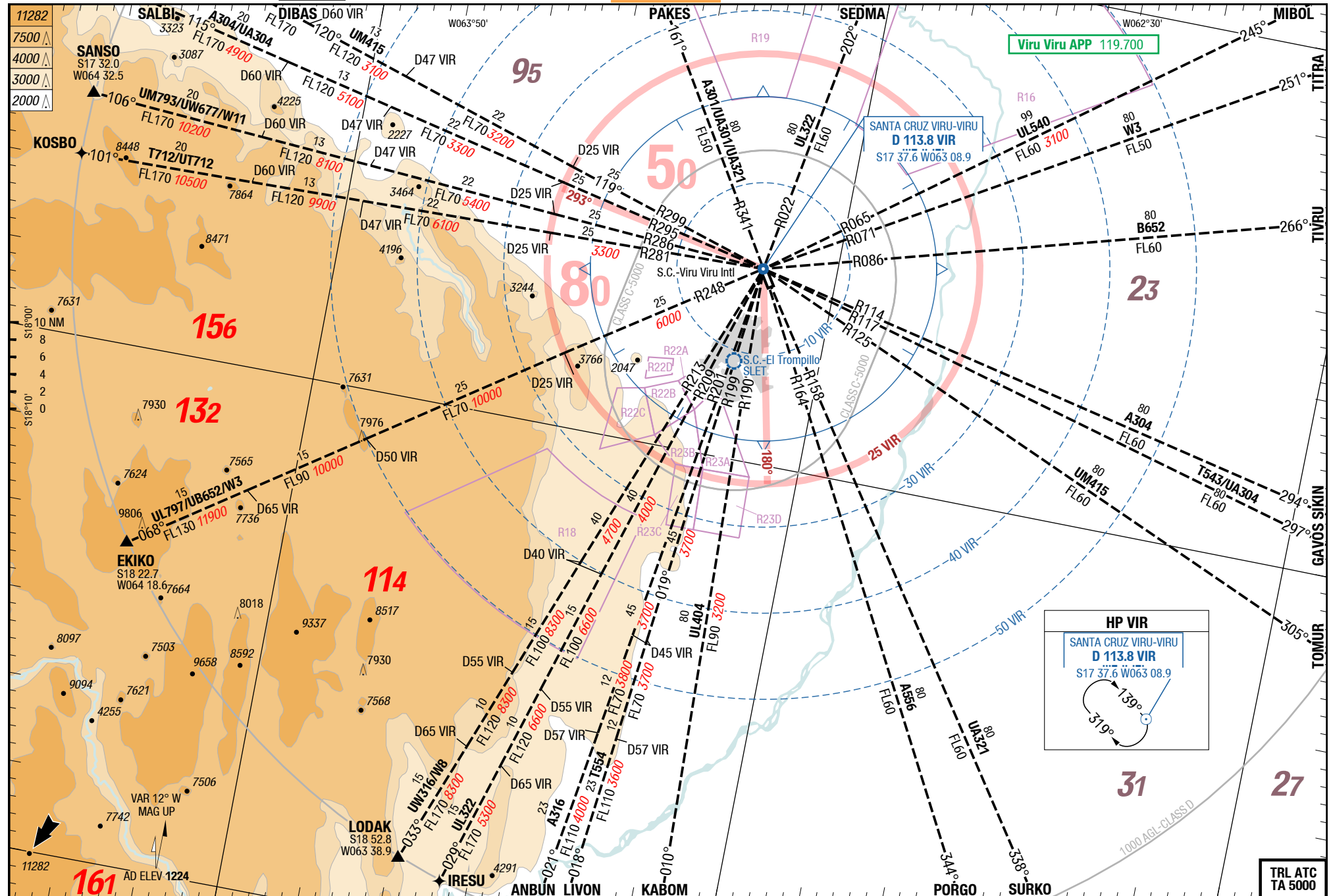
STAR

STAR

Viru Viru Int. Santa Cruz Bolivia

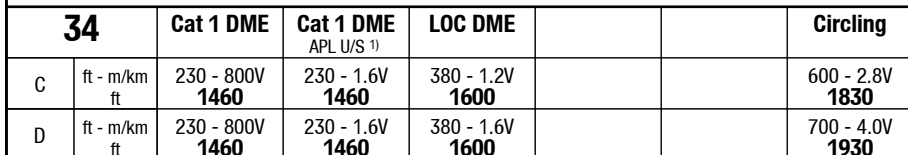
NIL

ARRIVALS



Changes: MSA, Track, VAR, HLDG, Editorial



**ILS V 34**

© Lido 2018

12-JUL-2018

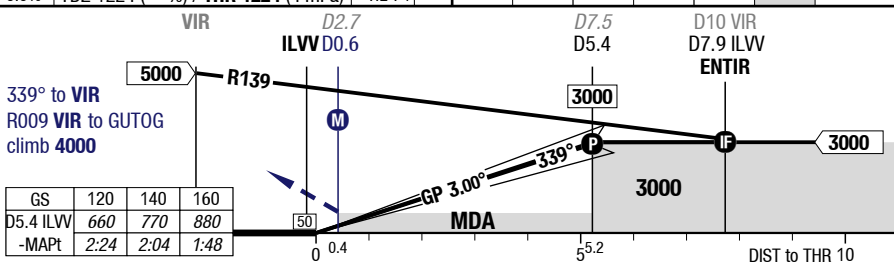
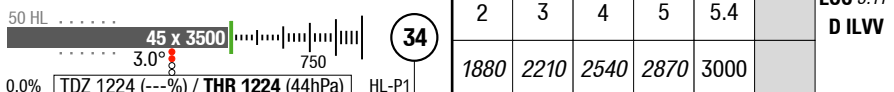
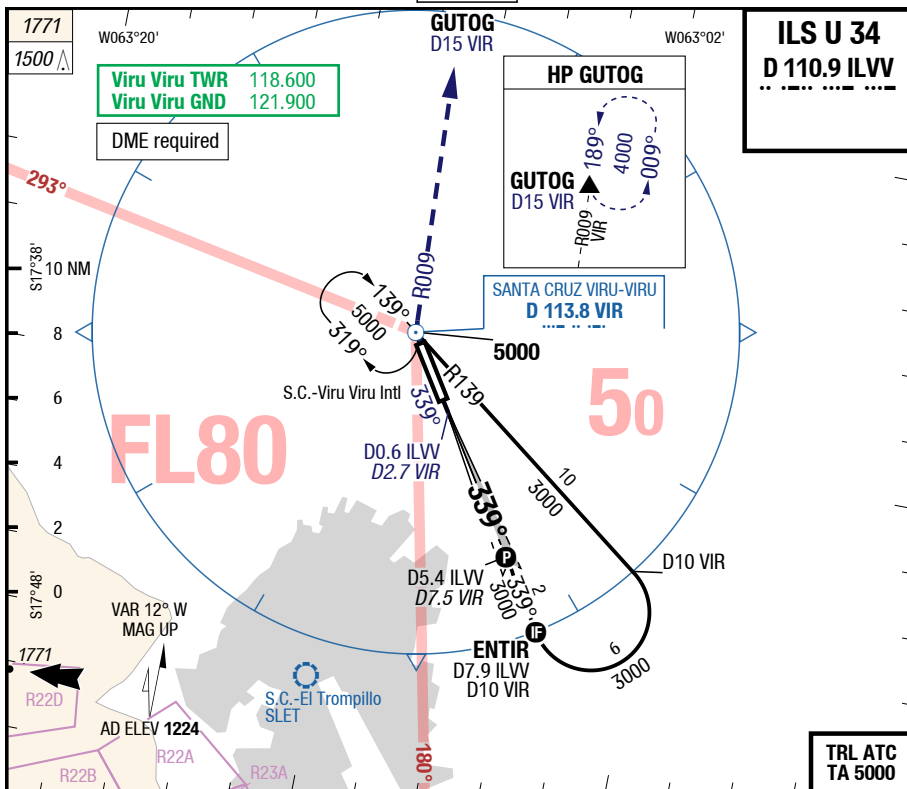
Bolivia Santa Cruz Viru Viru Int.

IAC

VVI-SLVR

7-20

ILS U 34



34		Cat 1 DME	Cat 1 DME APL U/S <sup>1)</sup>	LOC DME		Circling
C	ft - m/km ft	230 - 800V 1460	230 - 1.6V 1460	380 - 1.2V 1600		600 - 2.8V 1830
D	ft - m/km ft	230 - 800V 1460	230 - 1.6V 1460	380 - 1.6V 1600		700 - 4.0V 1930

1) With EVS VIS 1.1km

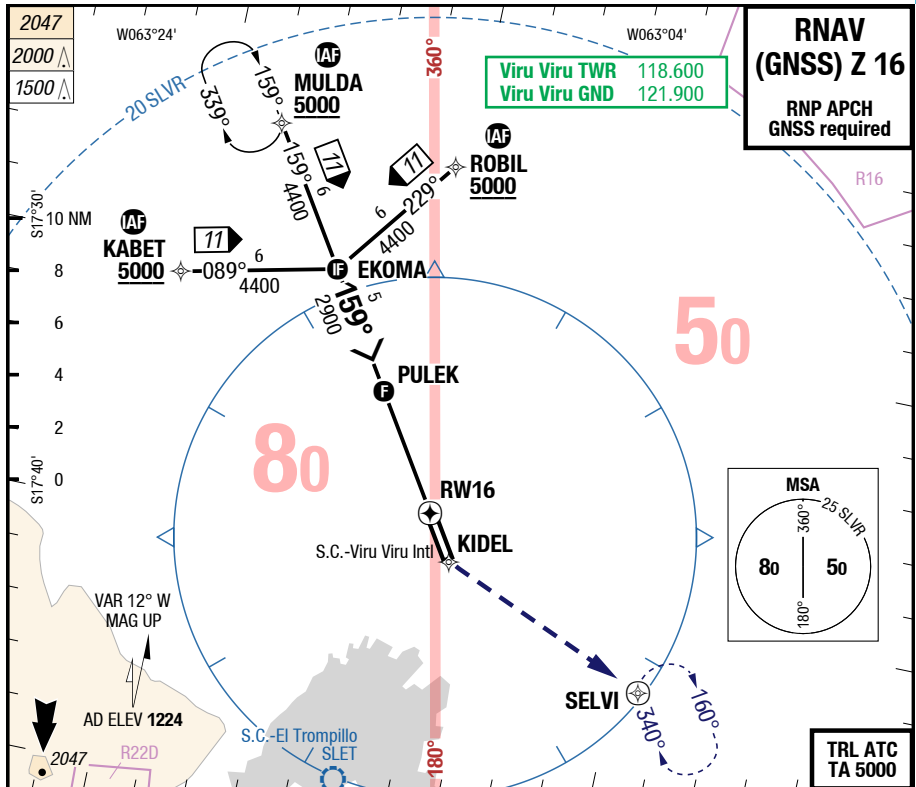
Changes: Page Number

12-JUL-2018

VVI-SLVR

7-30

RNAV (GNSS) Z 16



3.00°	9.6	8	6	4	2	1	16	83.0°	50 HL	3500 x 45	300	THR 1220 (44hPa) / TDZ --- (---%) 0.0%
RW16	4400	3880	3230	2580	1930	1600						
10 RW16	9.6	5	16									
EKOMA	4400	3880	3230	2580	1930	1600						
159°												
RW16	37.9	W063 08.7										
DIST to THR10	5	0										
MDA												
GS	120	140	160									
PULEK	640	740	850									
-MAPt	2:30	2:09	1:52									
<b>16</b>	<b>RNAV GNSS</b>	<b>RNAV GNSS</b>										<b>Circling</b>
	<b>LNAV</b>	<b>LNAV APL U/S</b>										
C	ft - m/km	300 - 800V	300 - 1.6V									600 - 2.4V
	ft	1520	1520									1830
D	ft - m/km	300 - 1.6V	300 - 1.6V									700 - 3.6V
	ft	1520	1520									1930

12-JUL-2018

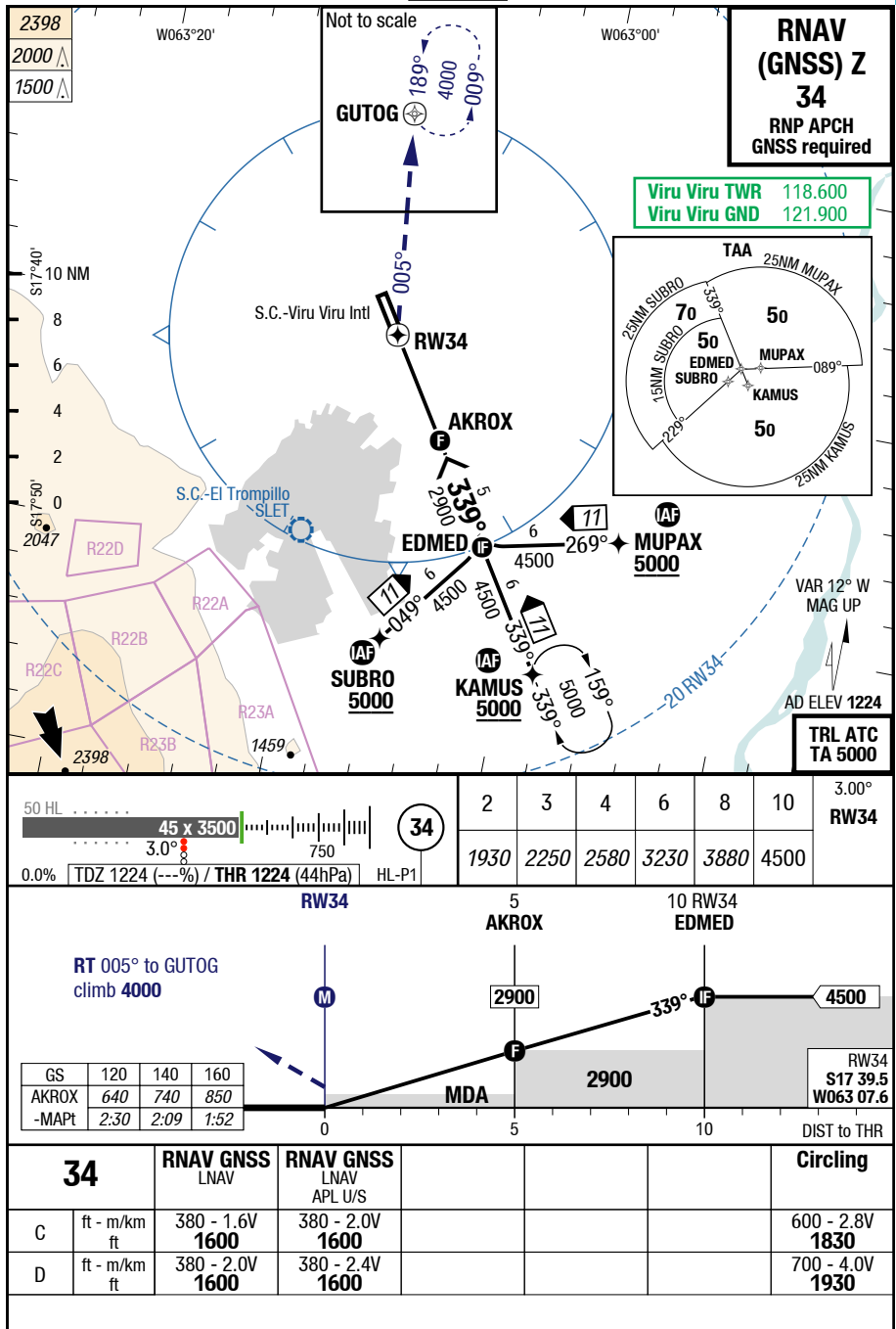
VVI-SLVR

Bolivia Santa Cruz Viru Viru Int.

IAC

7-40

RNAV (GNSS) Z 34



Changes: Page Number

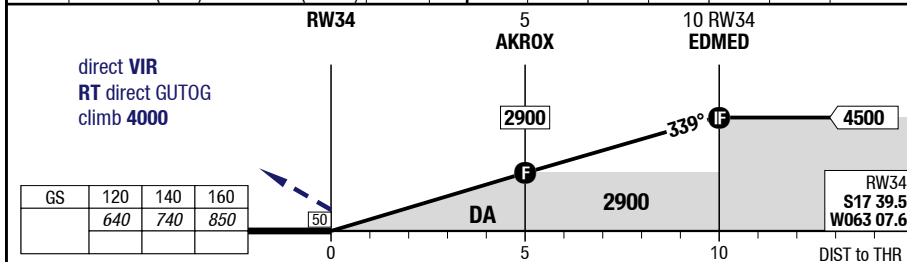
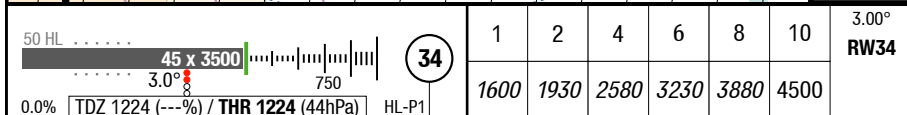
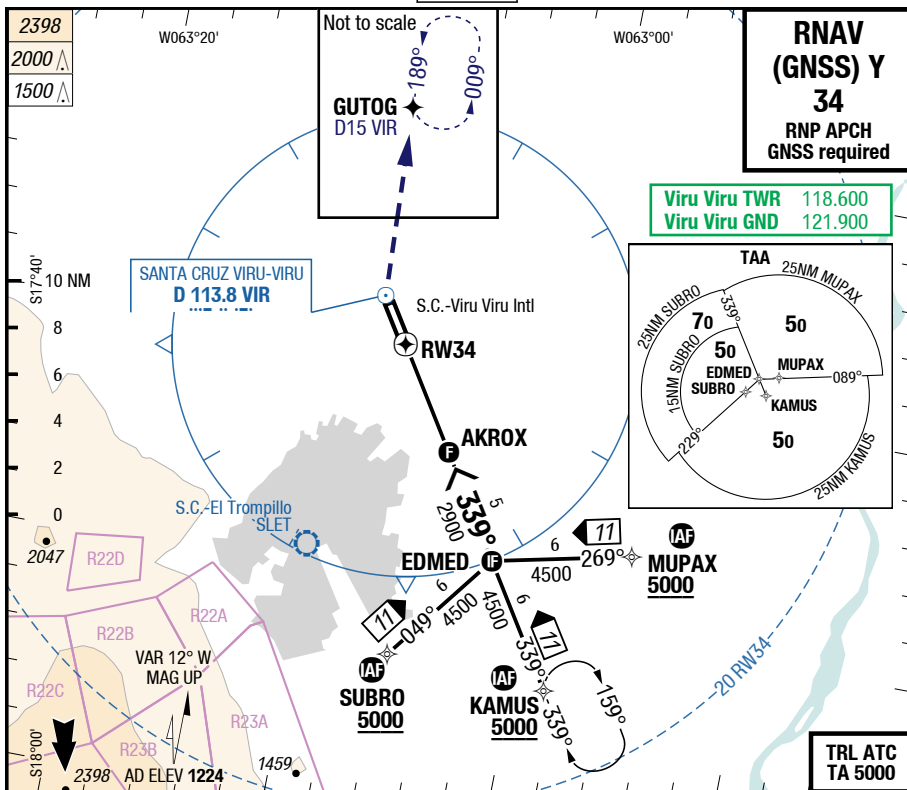
# VVI-SLVR

**Bolivia Santa Cruz** Viru Viru Int.

# IAC

## RNAV (GNSS) Y 34

**7-50**

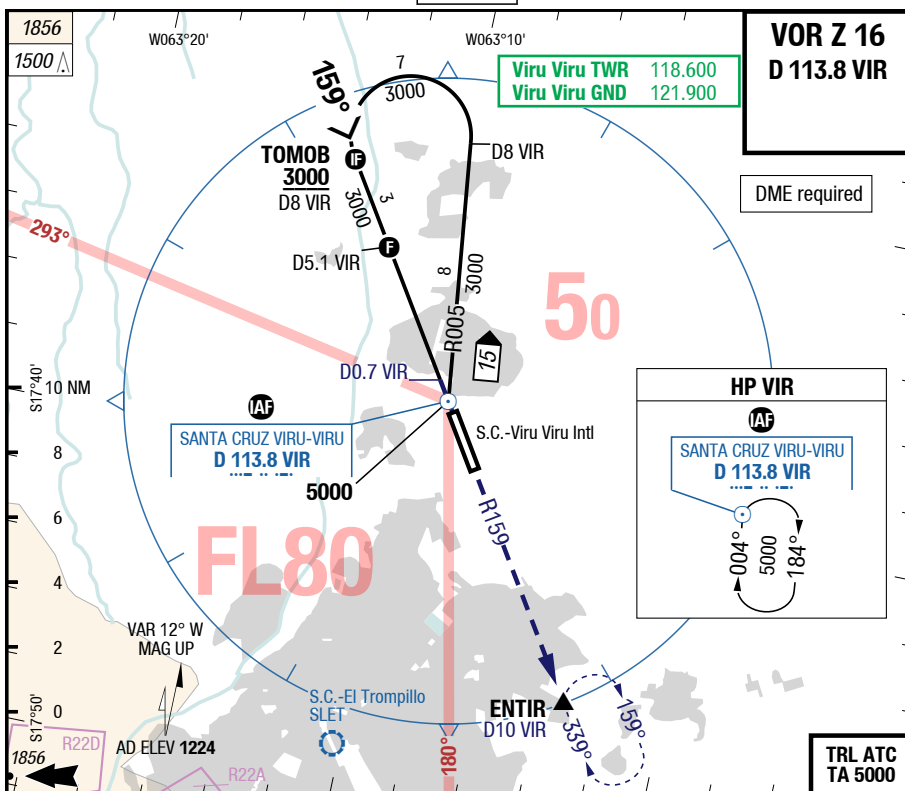


<b>34</b>		<b>RNAV GNSS</b> VNAV 1)	<b>RNAV GNSS</b> VNAV APL U/S 1)				<b>Circling</b>
C	ft - m/km ft	320 - 800V <b>1540</b>					600 - 2.8V <b>1830</b>
D	ft - m/km ft	320 - 1.6V <b>1540</b> 2)	320 - 2.0V <b>1540</b> 3)				700 - 4.0V <b>1930</b>

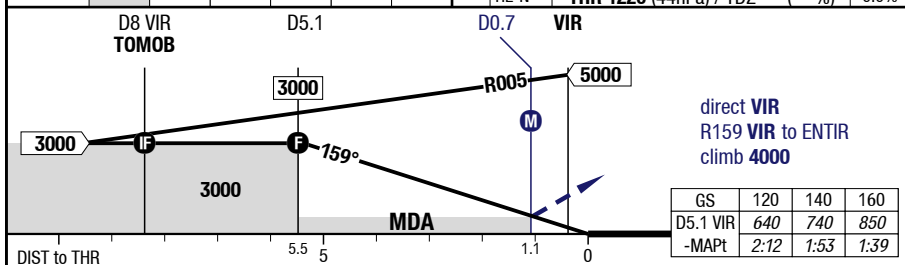
1) Uncompensated BARO VNAV NA below 0°C (32°F) or above 35°C (95°F) 2) With EVS VIS 1.1km, wo EVS use STD 3) With EVS VIS 1.3km, wo EVS use STD

## VVI-SLVR

**VOR Z 16**



<b>3.00° D VIR</b>	5.1	4	3	2	1	<b>(16)</b>  HL-N	<p>8.3.0° ..... 50 HL ..... 3500 x 45 ..... 300 THR 1220 (44hPa) / TDZ --- (---%) 0.0%</p>
	3000	2670	2350	2030	1710		



<b>16</b>		<b>VOR DME</b>	<b>VOR DME</b> APL U/S			<b>Circling</b>
C	ft - m/km ft	390 - 1.6V <b>1610</b>	390 - 2.0V <b>1610</b>			600 - 2.8V <b>1830</b>
D	ft - m/km ft	390 - 2.0V <b>1610</b>	390 - 2.4V <b>1610</b>			700 - 4.0V <b>1930</b>

12-JUL-2018

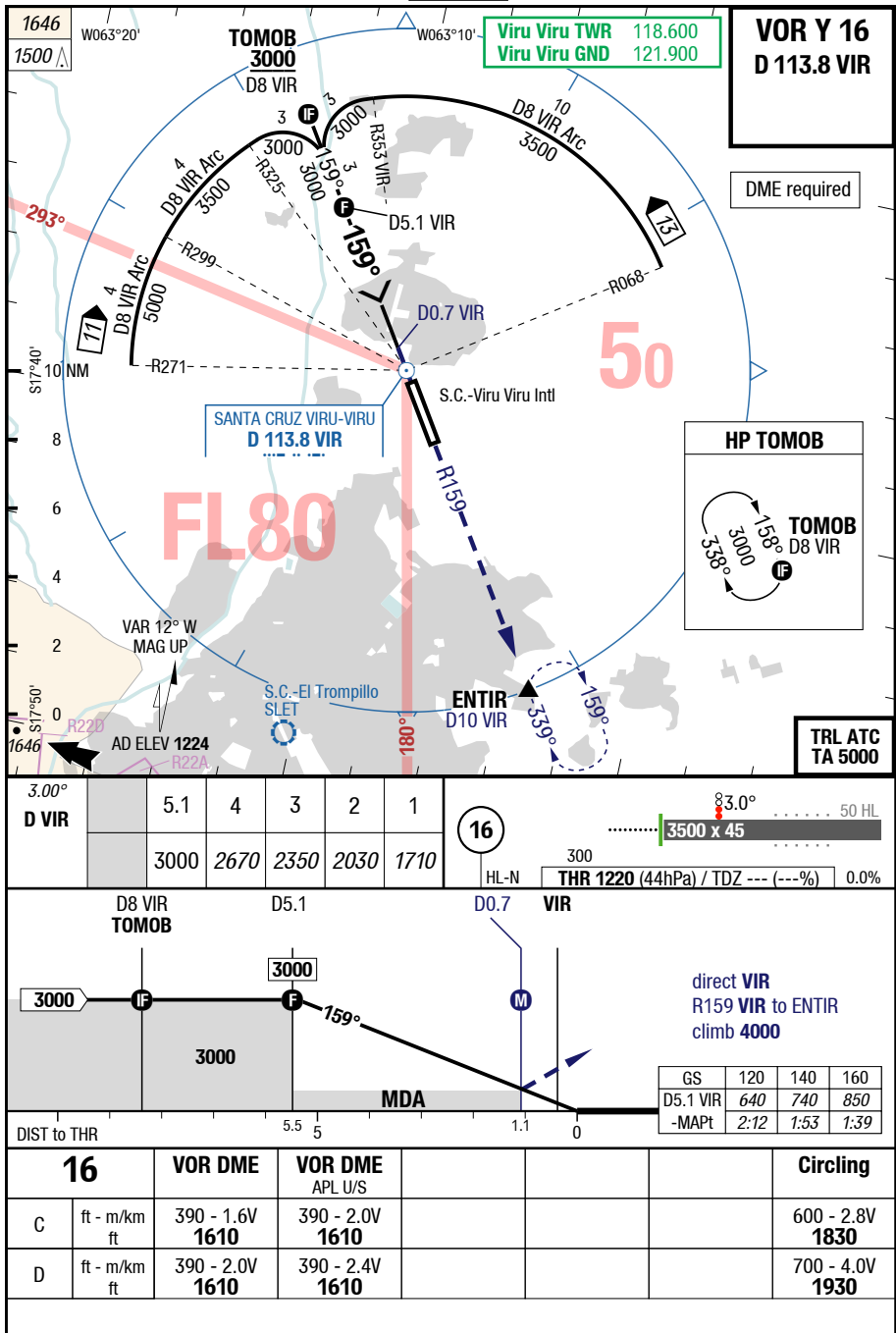
Bolivia Santa Cruz Viru Viru Int.

IAC

VVI-SLVR

7-80

VOR Y 16



Changes: MSA



**VOR T 34**



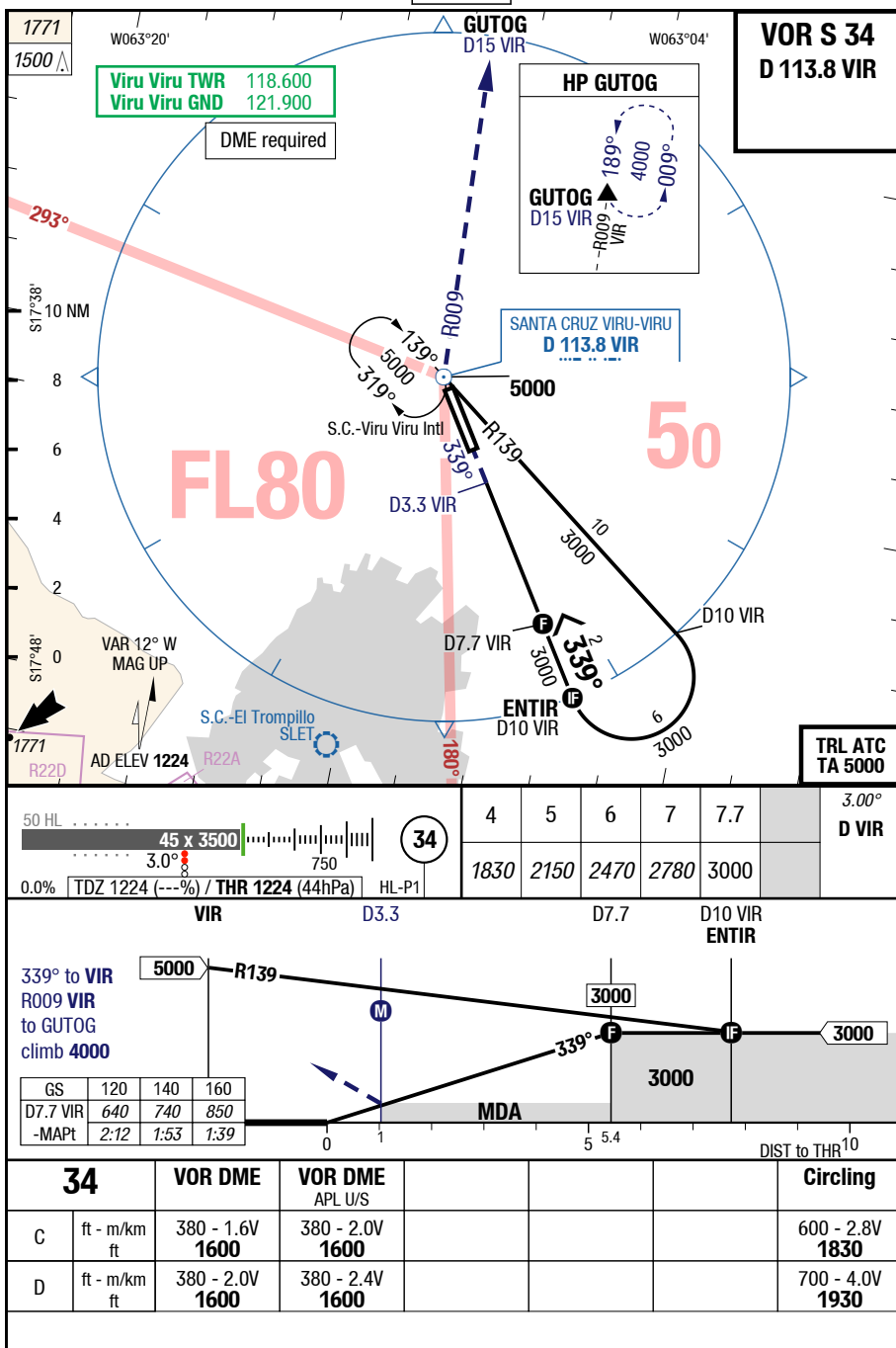
12-JUL-2018

Bolivia Santa Cruz Viru Viru Int.

IAC

VVI-SLVR

VOR S 34



Changes: Page Number