

**GENERAL****Operational Hours****ATS Hours:** H24**AD ADMIN Hours:** MON-FRI 1330-2230**Airport Information****RFF:** CAT 9**PCN:** RWY 03/21: 87F/C/W/T**Operation****Preferential RWY**

LDG/TKOF: RWY 21

**Warnings**

Birds in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT within TMA and/or below 10000ft.

MAX IAS 200KT within CTR.

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

RWY		03/21	
All ACFT	ft - m/km	c330 - 1.2V	-

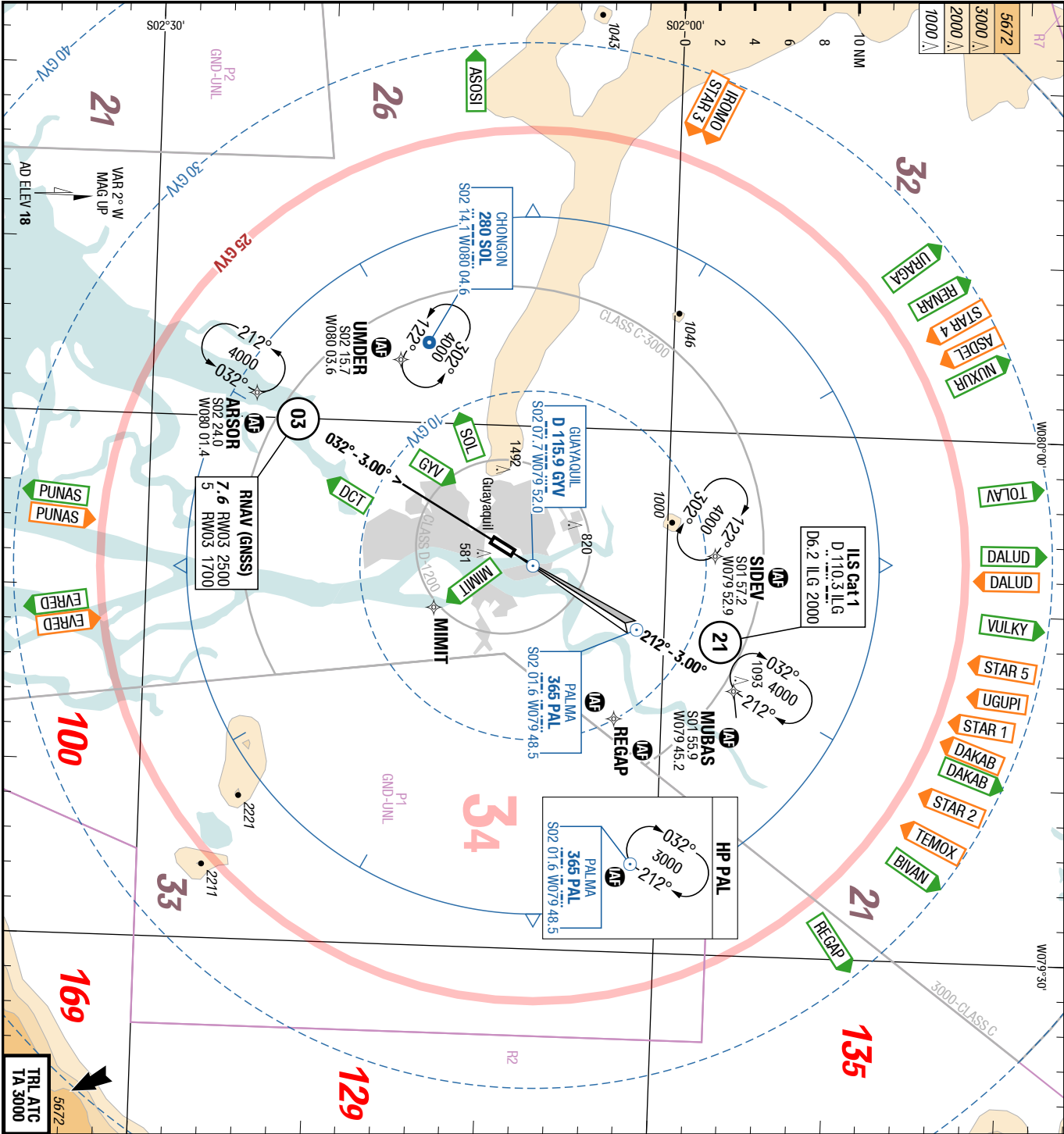
**Speed**

MAX IAS 250KT within TMA and/or below 10000ft.

MAX IAS 200KT within CTR.

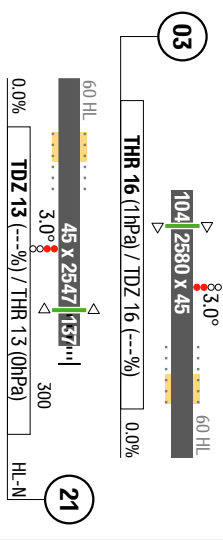
**Departure Procedure****Noise Abatement Procedure:** ICAO Standard TKOF PROC NADP 1 and in addition;  
Climb V2 + 10KT or 15° bank angle, whichever is more limiting.

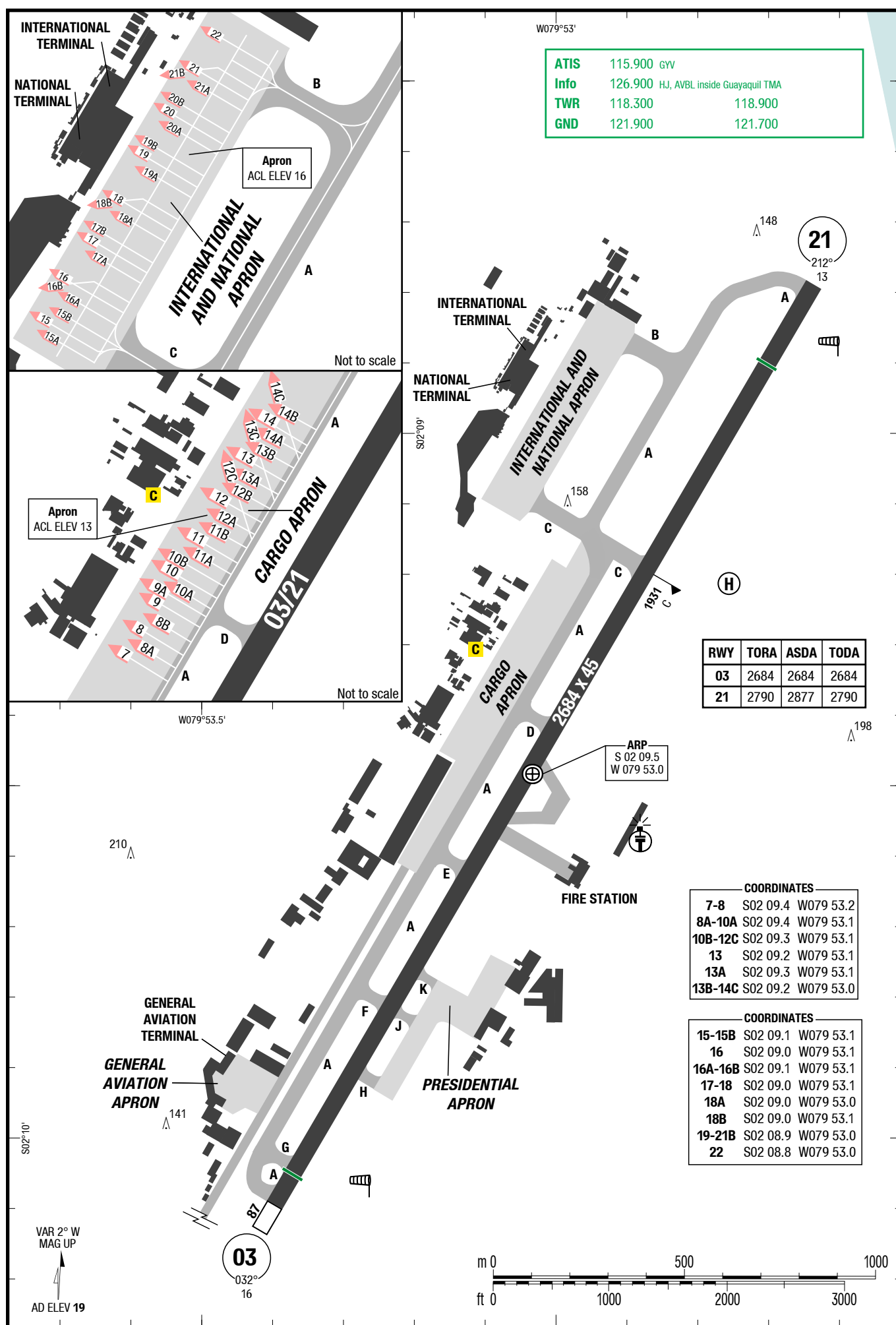
Note: PROC not applicable for ICAO stage 4 ACFT.

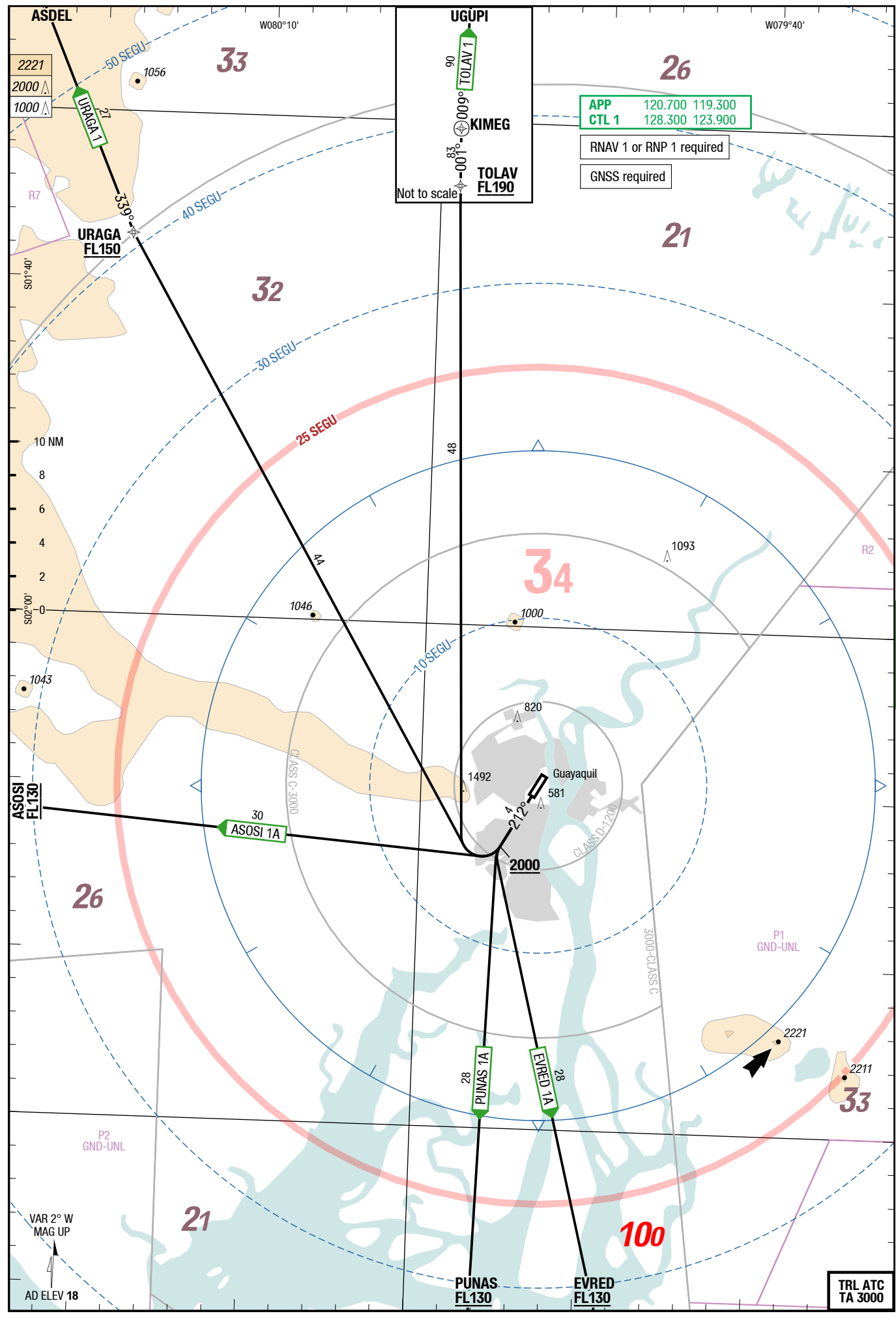


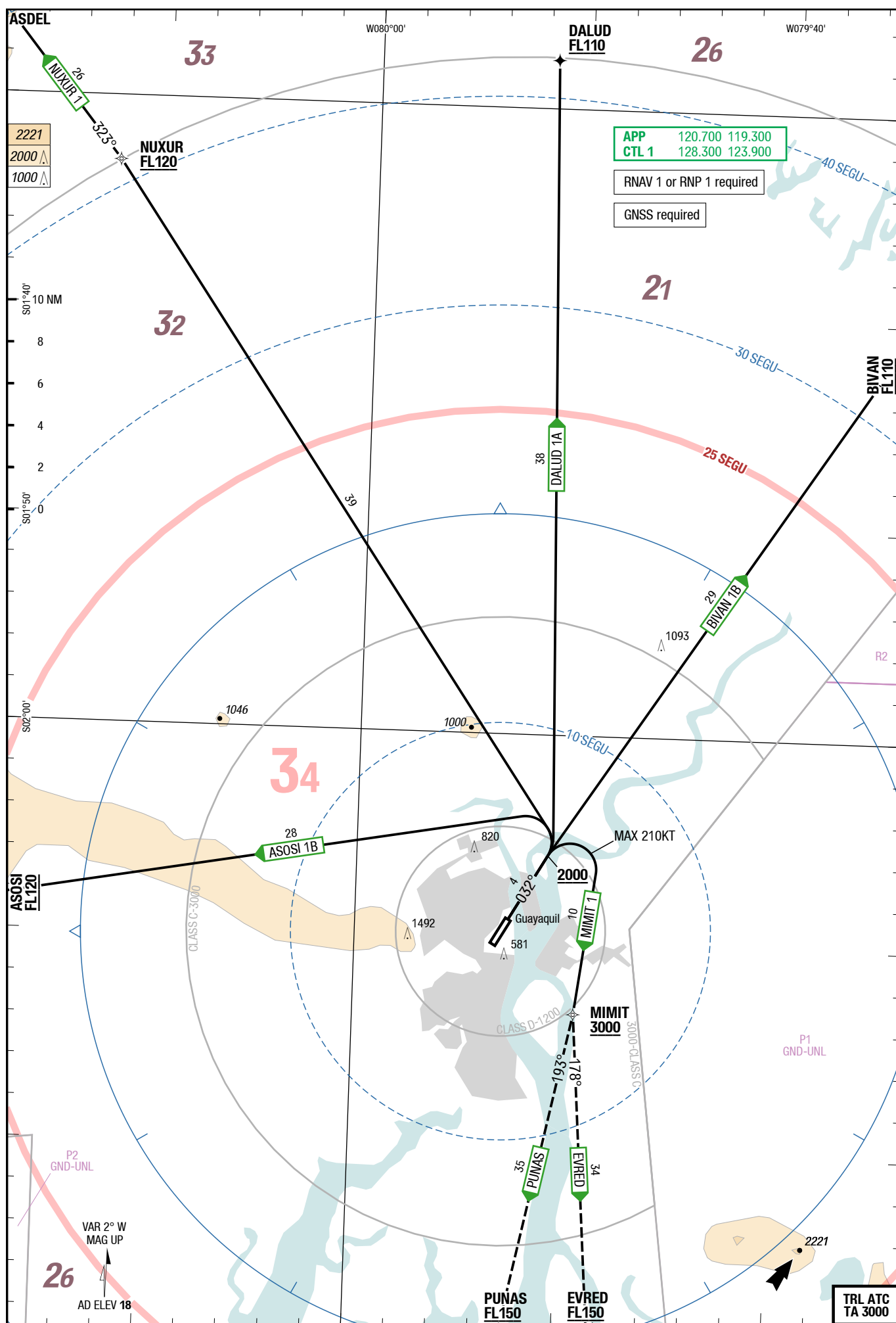
ATIS	113.900 G/V
Info	126.900 H/L, A/B/L inside Guayaquil TMA
CTL 1	128.300
CTL 2	127.950 0400-1100
APP	120.700 1100-0400, 07 CTL 1
TWR	118.300
GND	121.900

Landing RWY system:









Effective 13-OCT-2016

06-OCT-2016

GYE-SEGU

Ecuador **Guayaquil** Jose Joaquin de Olmedo Intl

ASOSI 1/RENAR 1/DALUD 1 (SID 5H), BIVAN 1 / DAKAB 1 (SID 4H) >

4-30

REGAP 1 RNAV

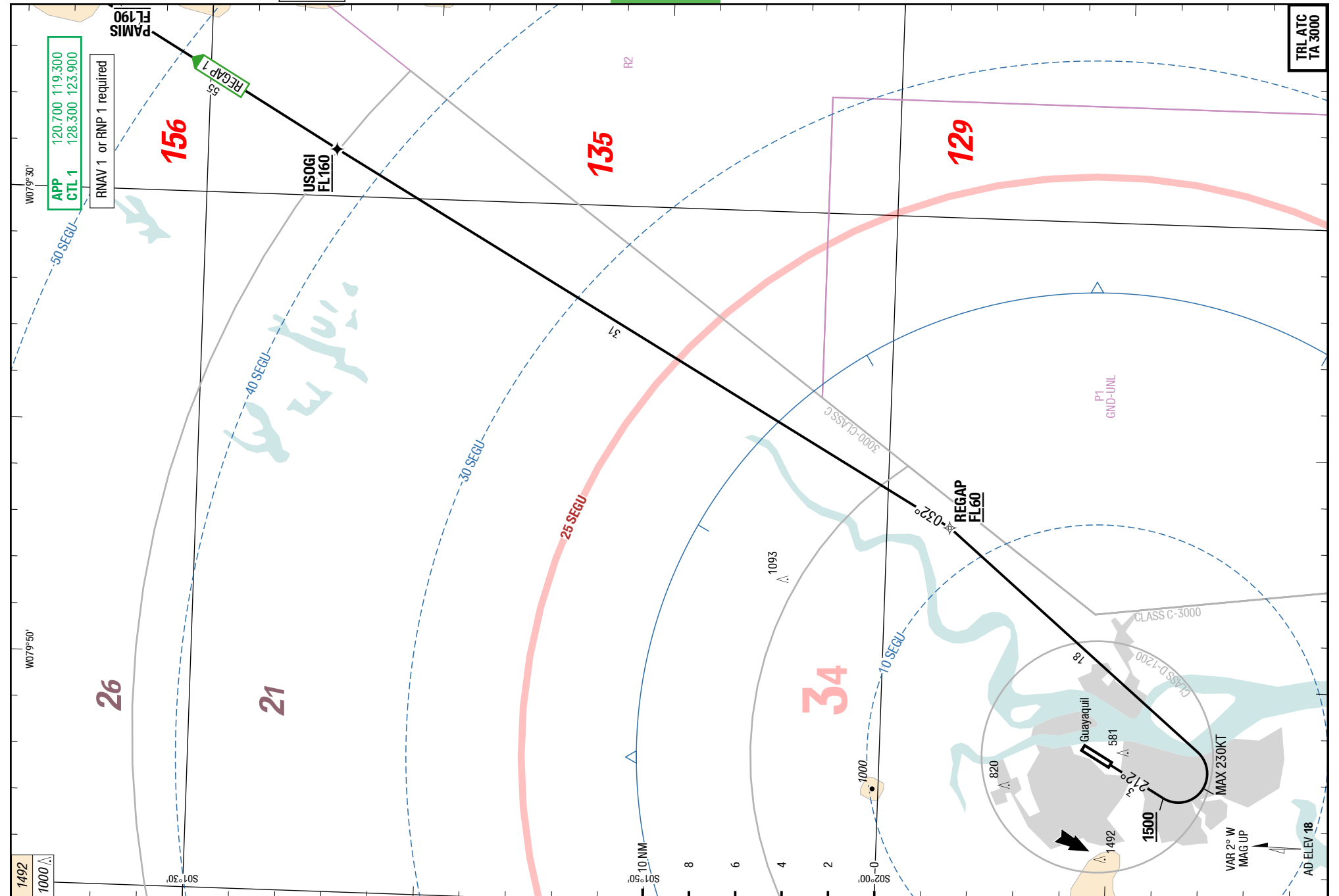
SID

SID

Jose Joaquin de Olmedo Intl **Guayaquil** Ecuador

ASOSI 1/RENAR 1/DALUD 1 (SID 5H), BIVAN 1 / DAKAB 1 (SID 4H) >

REGAP 1 RNAV



Changes: MSA, ASP

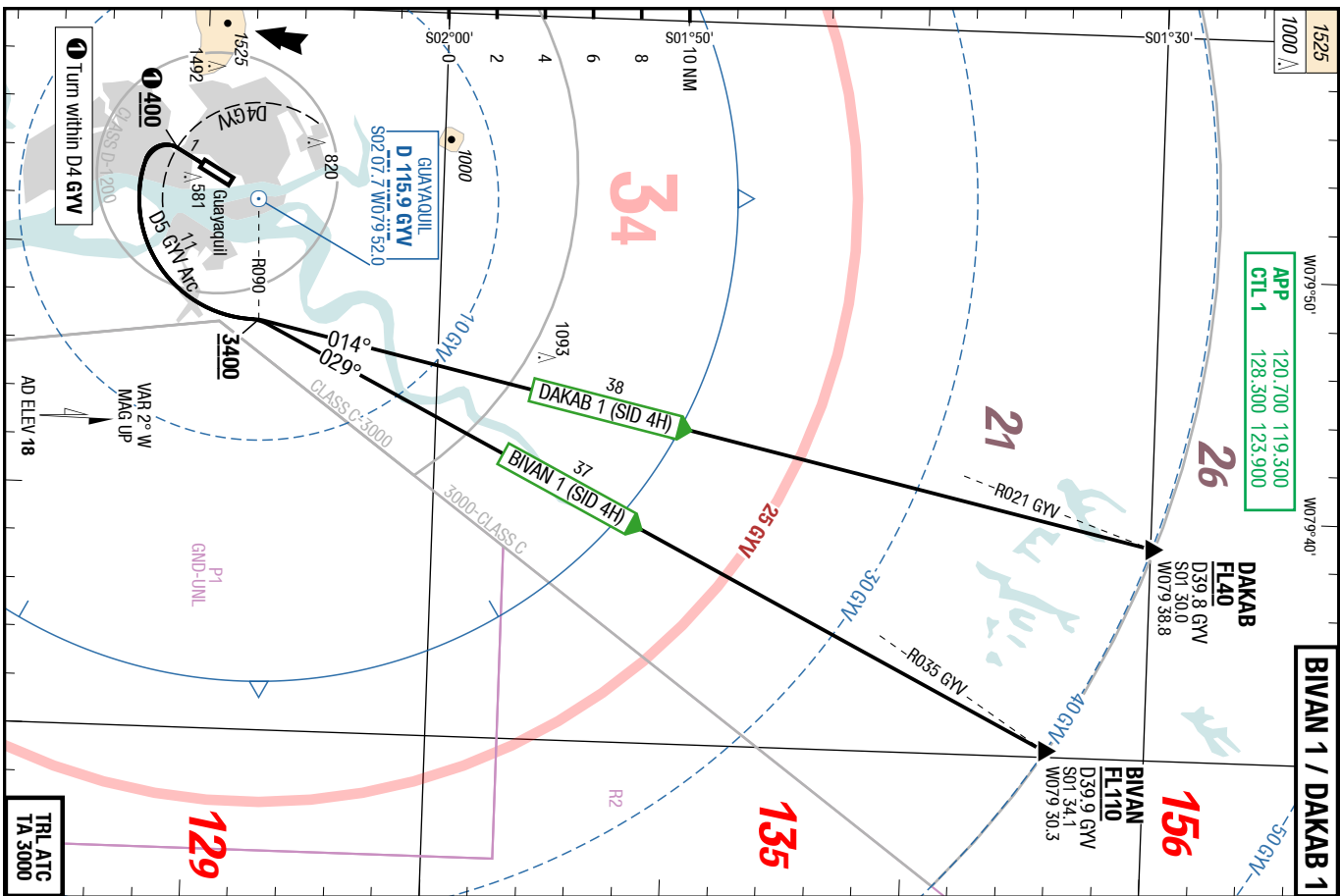
**Ecuador** **Guayaquil** Jose Joaquin de Olmedo Intl

4-40	ASOSI 1/RENAR 1/DALUD 1 (SID 5H)
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# SID

Jose Joaquin de Olmedo Int'l **Guayaquil** Ecuador

**BIVAN 1 / DAKAB 1 (SID 4H)**





Effective 13-OCT-2016

06-OCT-2016

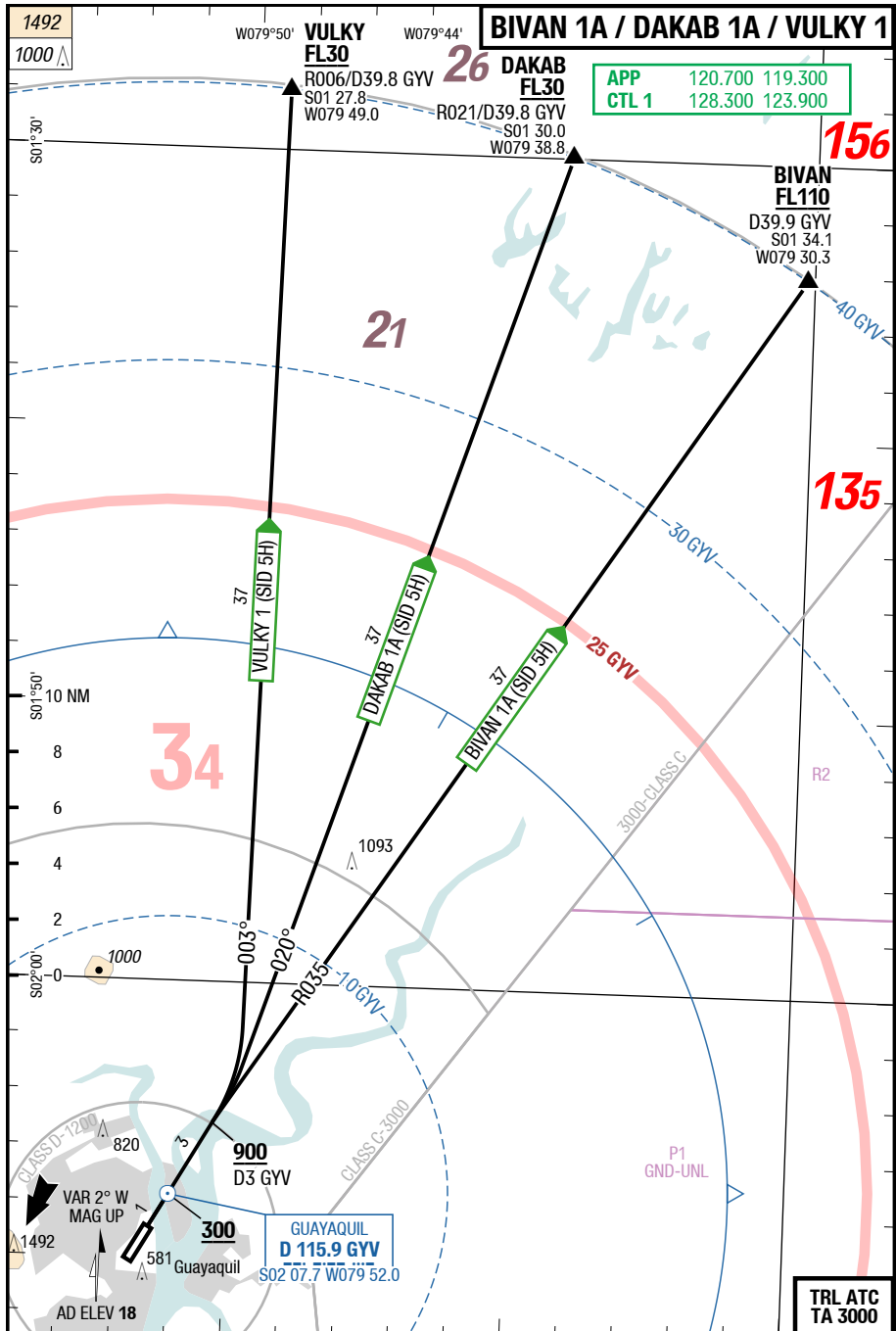
GYE-SEGU

Ecuador **Guayaquil** Jose Joaquin de Olmedo Intl

4-50

BIVAN 1A/DAKAB 1A/VULKY 1 (SID 5H)

SID



Changes: MSA, chart title



Effective 13-OCT-2016

06-OCT-2016

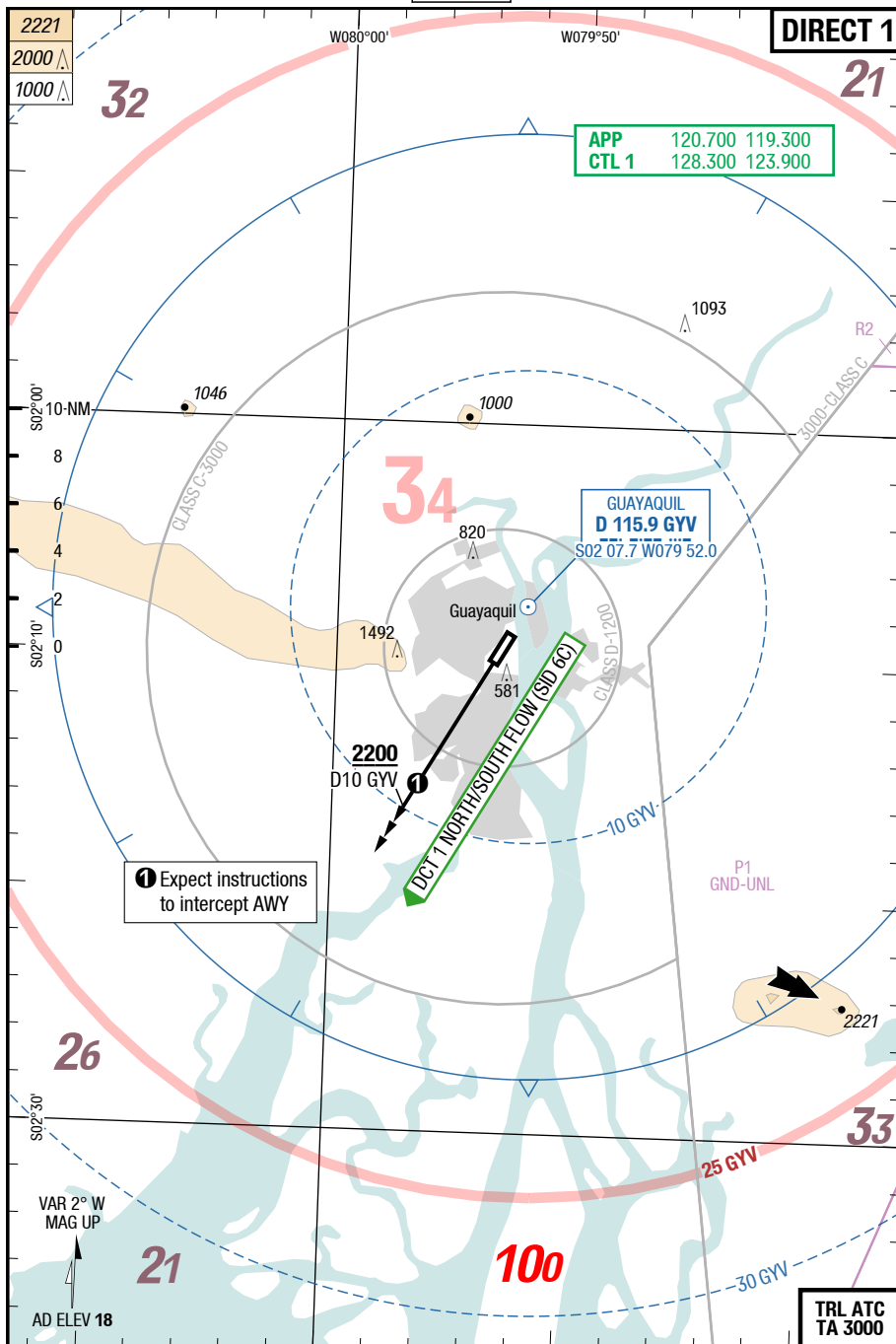
GYE-SEGU

Ecuador **Guayaquil** Jose Joaquin de Olmedo Intl

4-60

DIRECT 1 NORTH/SOUTH FLOW (DCT 1) RWY 21 (SID 6C)

SID



Changes: MSA, chart title

Effective 13-OCT-2016

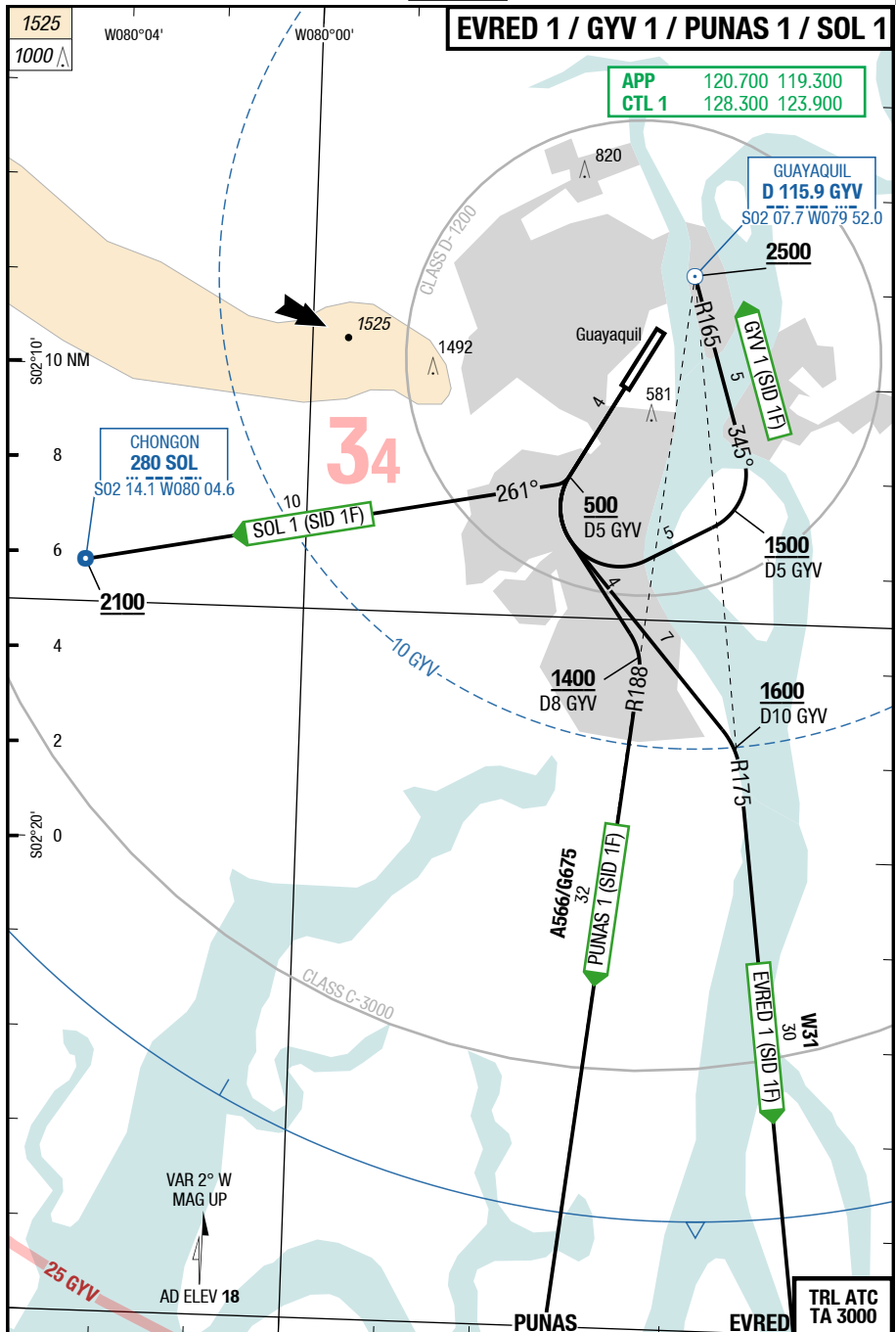
06-OCT-2016

Ecuador **Guayaquil** Jose Joaquin de Olmedo Intl

**GYE-SEGU**

4-70

EVRED 1 / GYV 1 / SOL 1 / PUNAS 1 (SID 1F)



Changes: MSA, chart title

Effective 13-OCT-2016

06-OCT-2016

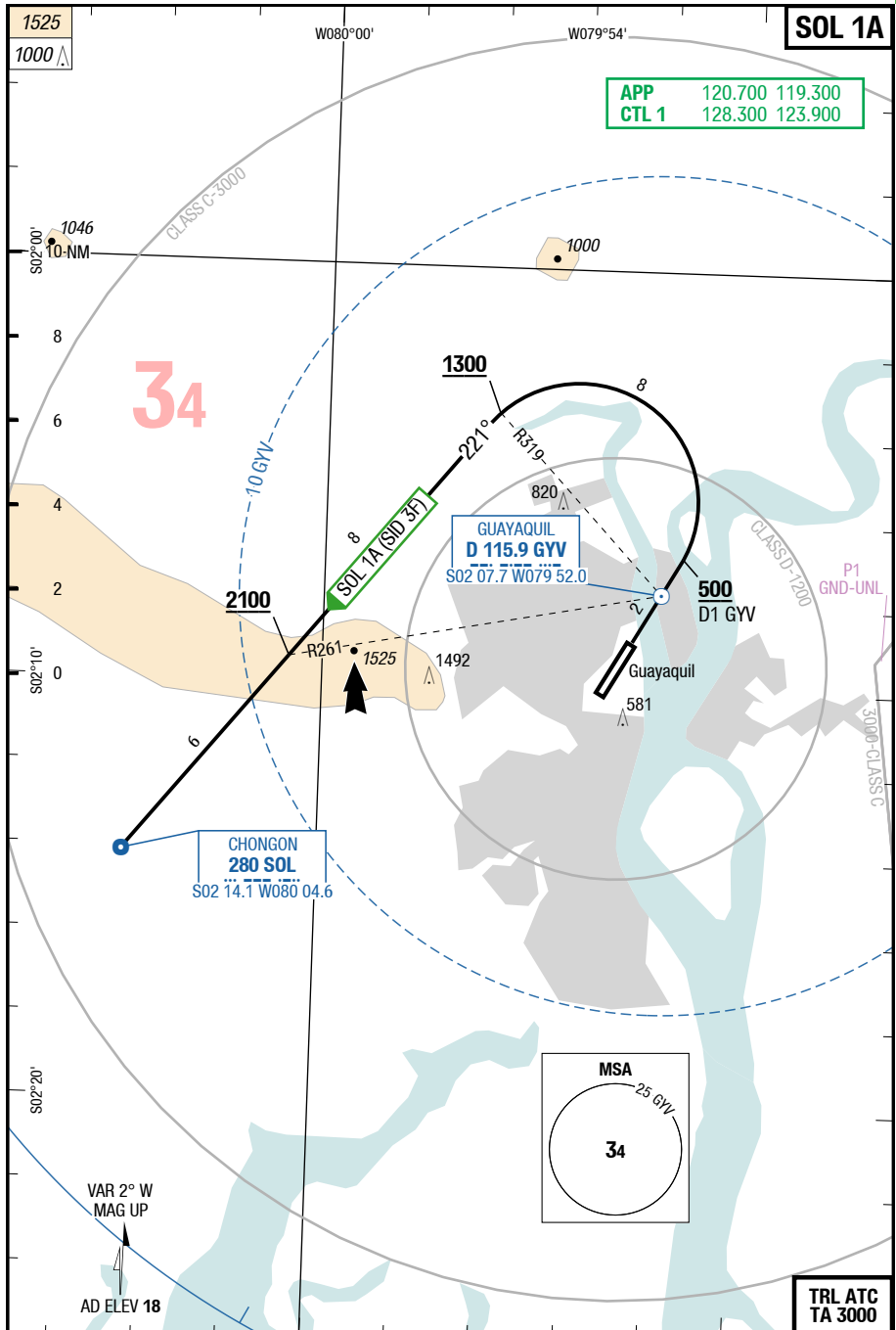
Ecuador **Guayaquil** Jose Joaquin de Olmedo Intl

**GYE-SEGU**

4-80

**SOL 1A (SID 3F)**

**SID**



Changes: MSA, chart title

Effective 14-SEP-2017  
07-SEP-2017

Ecuador **Guayaquil** Jose Joaquin de Olmedo Intl  
[NIL]

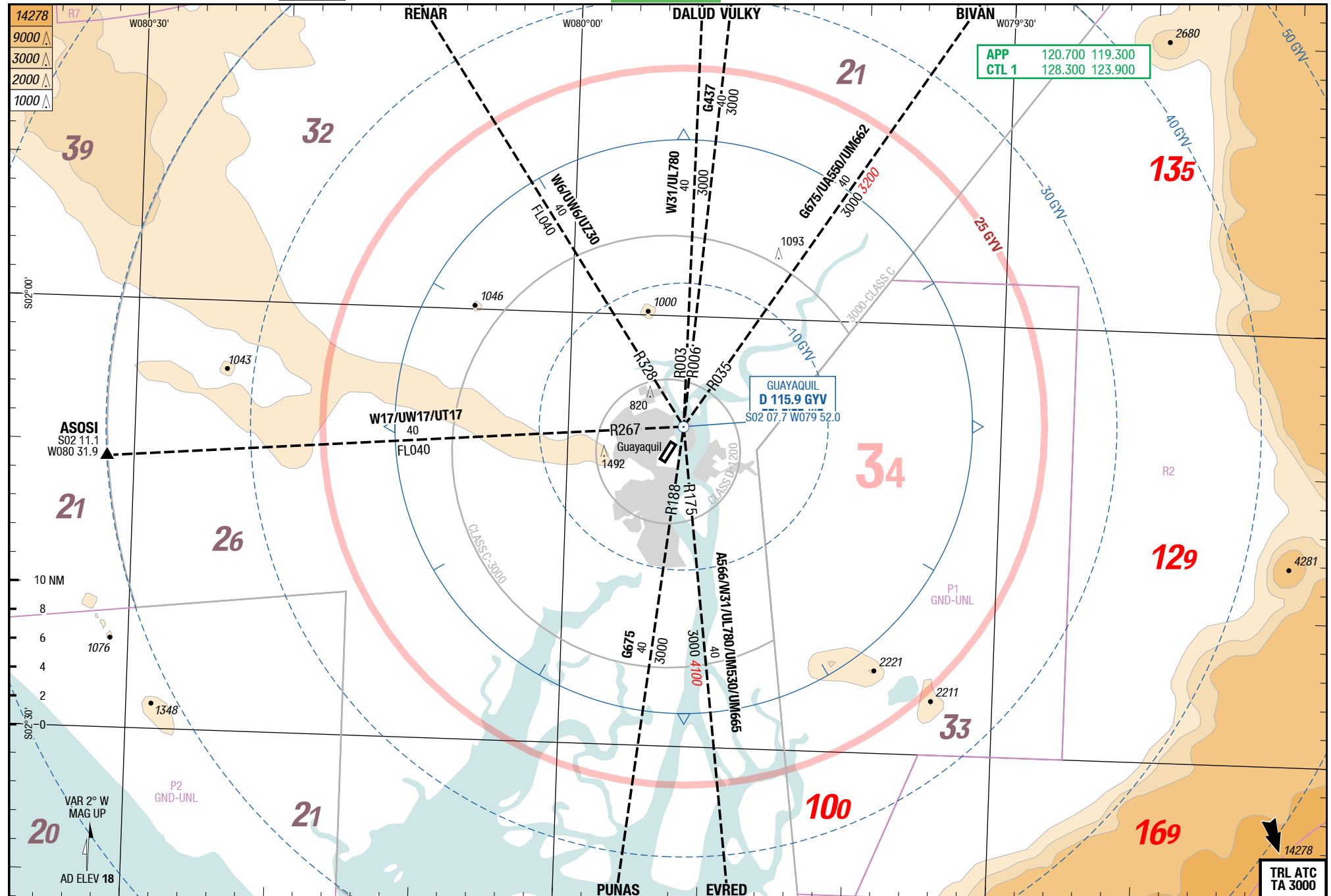
SID  
SID

Jose Joaquin de Olmedo Intl **Guayaquil** Ecuador  
[NIL]

GYE-SEGU

4-90 DEPARTUREs Transitions

DEPARTUREs Transitions



Changes: Transition

14-JUL-2016

**GYE-SEGU****5-10**

ASOSI 1A/EVRED 1A/PUNAS 1A/TOLAV 1/URAGA 1 RNAV

**SIDPT****ASOSI 1A / EVRED 1A / PUNAS 1A / TOLAV 1 / URAGA 1**

RWY 21 (212°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 21</b>	
<b>ASOSI 1A</b> 6.1% to 2000 <b>120.700</b>	[A2000+ ;R] - ASOSI	ASOSI MNM <b>FL130</b>
<b>EVRED 1A</b> 6.1% to 2000 <b>120.700</b>	[A2000+ ;L] - EVRED	EVRED MNM <b>FL130</b>
<b>PUNAS 1A</b> 6.1% to 2000 <b>120.700</b>	[A2000+ ;L] - PUNAS	PUNAS MNM <b>FL130</b>
<b>TOLAV 1</b> 6.1% to 2000 <b>120.700</b>	[A2000+ ;R] - TOLAV - KIMEG - UGUPI	TOLAV MNM <b>FL190</b>
<b>URAGA 1</b> 6.1% to 2000 <b>120.700</b>	[A2000+ ;R] - URAGA - ASDEL	URAGA MNM <b>FL150</b>

14-JUL-2016

**GYE-SEGU****5-20**

ASOSI 1B/BIVAN 1B/DALUD 1A/MIMIT 1/NUXUR 1 RNAV

**SIDPT****ASOSI 1B / BIVAN 1B / DALUD 1A / MIMIT 1 / NUXUR 1**

RWY 03 (032°)

	GS	120	150	180	210	240	270
5.2%	ft/MIN	700	800	1000	1200	1300	1500

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 03</b>	
<b>ASOSI 1B</b> 5.2% to 2000 <b>120.700</b>	[A2000+ ;L] - ASOSI	ASOSI MNM <b>FL120</b>
<b>BIVAN 1B</b> 5.2% to 2000 <b>120.700</b>	[A2000+ ;R] - BIVAN	BIVAN MNM <b>FL110</b>
<b>DALUD 1A</b> 5.2% to 2000 <b>120.700</b>	[A2000+ ;L] - DALUD	DALUD MNM <b>FL110</b>
<b>MIMIT 1</b> 5.2% to 2000 <b>120.700</b>	[A2000+ ;R] - MIMIT [K210-]	MIMIT MNM <b>3000</b>
	<b>TRANSITION</b>	
	<b>EVRED</b> MIMIT [K210-] - EVRED	MIMIT MNM <b>3000</b> EVRED MNM <b>FL150</b>
	<b>PUNAS</b> MIMIT [K210-] - PUNAS	MIMIT MNM <b>3000</b> PUNAS MNM <b>FL150</b>
<b>NUXUR 1</b> 5.2% to 2000 <b>120.700</b>	[A2000+ ;L] - NUXUR - ASDEL	NUXUR MNM <b>FL120</b>

06-OCT-2016

**GYE-SEGU****5-30****REGAP 1 RNAV****SIDPT****REGAP 1**

RWY 21 (212°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 21</b>	
<b>REGAP 1</b> 6.1% to FL160 <b>120.700</b>	[A1500+ ;L] - REGAP [K230-] - USOGI - PAMIS	REGAP MNM <b>FL60</b> USOGI MNM <b>FL160</b> PAMIS MNM <b>FL190</b>



06-OCT-2016

**GYE-SEGU****5-40****ASOSI 1/RENAR 1/DALUD 1 (SID 5H)****SIDPT****ASOSI 1 / DALUD 1 / RENAR 1**

RWY 03 (032°)

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 03</b>	
<b>ASOSI 1</b> (SID 5H) 3.6% <b>120.700</b>	at D3 <b>GYV LT</b> 255° to ASOSI	<b>GYV MNM 300</b> D3 <b>GYV MNM 900</b> ASOSI MNM <b>FL40</b>
<b>DALUD 1</b> (SID 5H) 3.6% <b>120.700</b>	at D3 <b>GYV LT</b> 359° to DALUD	<b>GYV MNM 300</b> D3 <b>GYV MNM 900</b> DALUD MNM <b>FL50</b>
<b>RENAR 1</b> (SID 5H) 3.6% <b>120.700</b>	at D3 <b>GYV LT</b> 320° to RENAR	<b>GYV MNM 300</b> D3 <b>GYV MNM 900</b> RENAR MNM <b>FL40</b>

06-OCT-2016

**GYE-SEGU****5-50****BIVAN 1 / DAKAB 1 (SID 4H)****SIDPT****BIVAN 1 / DAKAB 1**

RWY 21 (212°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 21</b>	
<b>BIVAN 1</b> (SID 4H) 5.0% until intercepting AWY <b>120.700</b>	at MNM <b>400</b> (within D4 <b>GYV</b> ) <b>LT</b> follow D5 <b>GYV</b> arc - crossing R090 <b>GYV RT</b> 029° to BIVAN	crossing R090 <b>GYV</b> MNM <b>3400</b> BIVAN MNM <b>FL110</b>
<b>DAKAB 1</b> (SID 4H) 5.0% until intercepting AWY <b>120.700</b>	at MNM <b>400</b> (within D4 <b>GYV</b> ) <b>LT</b> follow D5 <b>GYV</b> arc - crossing R090 <b>GYV RT</b> 014° to DAKAB	crossing R090 <b>GYV</b> MNM <b>3400</b> DAKAB MNM <b>FL40</b>

06-OCT-2016

**GYE-SEGU****5-60****BIVAN 1A/DAKAB 1A/VULKY 1 (SID 5H)****SIDPT****BIVAN 1A / DAKAB 1A / VULKY 1**

RWY 03 (032°)

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 03</b>	
<b>BIVAN 1A</b> (SID 5H) 3.6% <b>120.700</b>	at D3 <b>GYV</b> intercept R035 to BIVAN	<b>GYV MNM 300</b> D3 <b>GYV</b> MNM <b>900</b> BIVAN MNM <b>FL110</b>
<b>DAKAB 1A</b> (SID 5H) 3.6% <b>120.700</b>	at D3 <b>GYV LT</b> 020° to DAKAB	<b>GYV MNM 300</b> D3 <b>GYV</b> MNM <b>900</b> DAKAB MNM <b>FL30</b>
<b>VULKY 1</b> (SID 5H) 3.6% <b>120.700</b>	at D3 <b>GYV LT</b> 003° to VULKY	<b>GYV MNM 300</b> D3 <b>GYV</b> MNM <b>900</b> VULKY MNM <b>FL30</b>

**GYE-SEGU****5-70**

DIRECT 1 NORTH/SOUTH FLOW (DCT 1) RWY 21 (SID 6C)

**SIDPT****DIRECT 1 NORTH/SOUTH FLOW**

RWY 21 (212°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 21</b>	
<b>DIRECT 1 NORTH/ SOUTH FLOW DCT 1 (SID 6C) 5.0% to 3000 120.700</b>	at MNM 2200 (within D10 <b>GYV</b> ) expect instructions to intercept AWY	D10 <b>GYV</b> MNM 2200

06-OCT-2016

**GYE-SEGU****5-80**

EVRED 1 / GYV 1 / SOL 1 / PUNAS 1 (SID 1F)

**SIDPT****CHONGON 1 / EVRED 1 / GUAYAQUIL 1 / PUNAS 1**

RWY 21 (212°)

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 21</b>	
<b>CHONGON 1</b> <b>SOL 1</b> (SID 1F) 3.6% <b>120.700</b>	at D5 <b>GYV RT</b> intercept QDM 261 <b>SOL</b> to <b>SOL</b>	D5 <b>GYV</b> MNM <b>500</b> <b>SOL</b> MNM <b>2100</b>
<b>EVRED 1</b> (SID 1F) 3.6% <b>120.700</b>	at D5 <b>GYV LT</b> intercept R175 <b>GYV</b> to EVRED	D5 <b>GYV</b> MNM <b>500</b> D10 <b>GYV</b> MNM <b>1600</b>
<b>GUAYAQUIL 1</b> <b>GYV 1</b> (SID 1F) 3.6% <b>120.700</b>	at D5 <b>GYV LT</b> 345° (R165 <b>GYV</b> ) to <b>GYV</b>	D5 <b>GYV</b> outbound MNM <b>500</b> D5 <b>GYV</b> inbound MNM <b>1500</b> <b>GYV</b> MNM <b>2500</b>
<b>PUNAS 1</b> (SID 1F) 3.6% <b>120.700</b>	at D5 <b>GYV LT</b> intercept R188 <b>GYV</b> to PUNAS	D5 <b>GYV</b> MNM <b>500</b> D8 <b>GYV</b> MNM <b>1400</b>

06-OCT-2016

**GYE-SEGU**

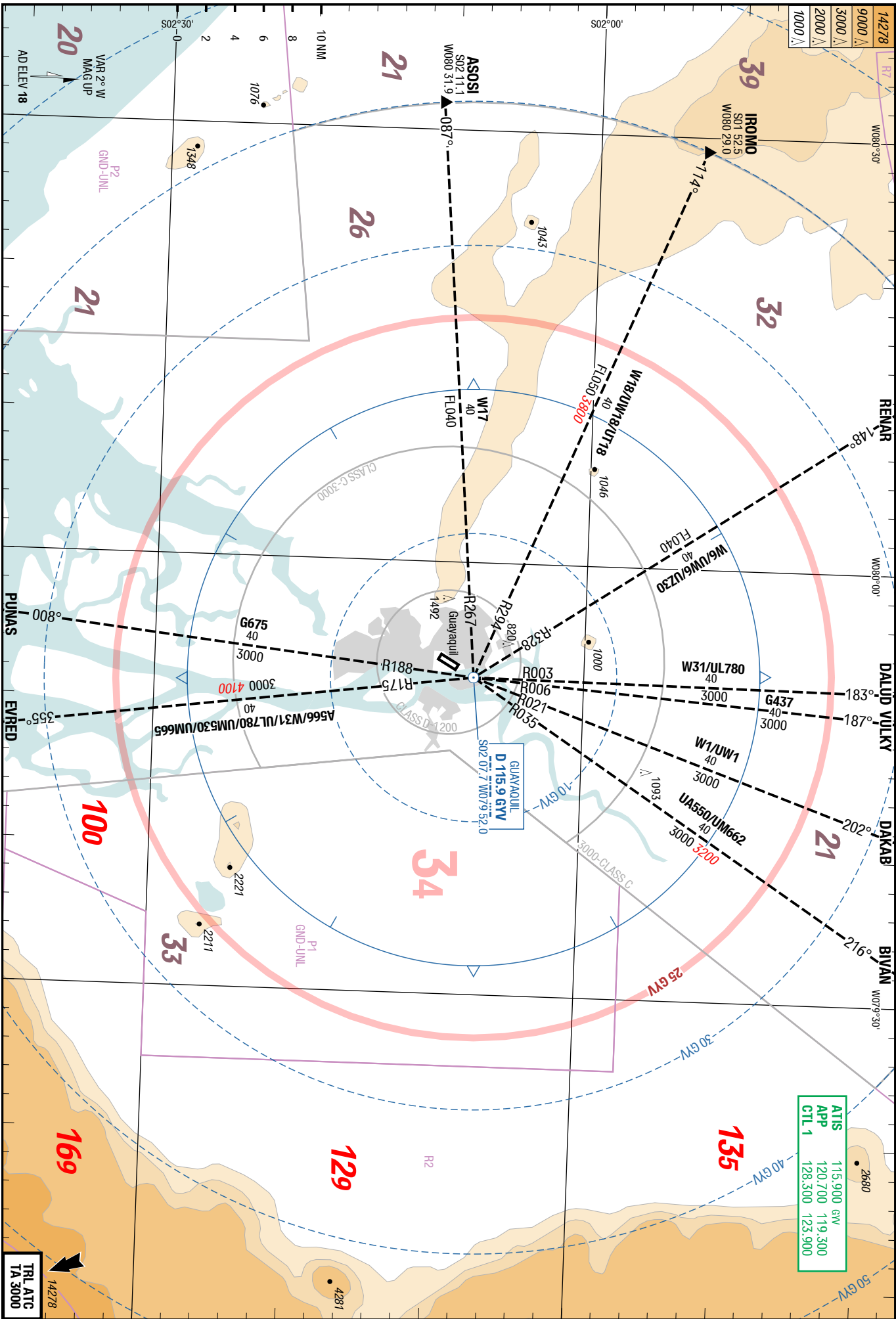
5-90

**SOL 1A (SID 3F)****SIDPT****CHONGON 1A**

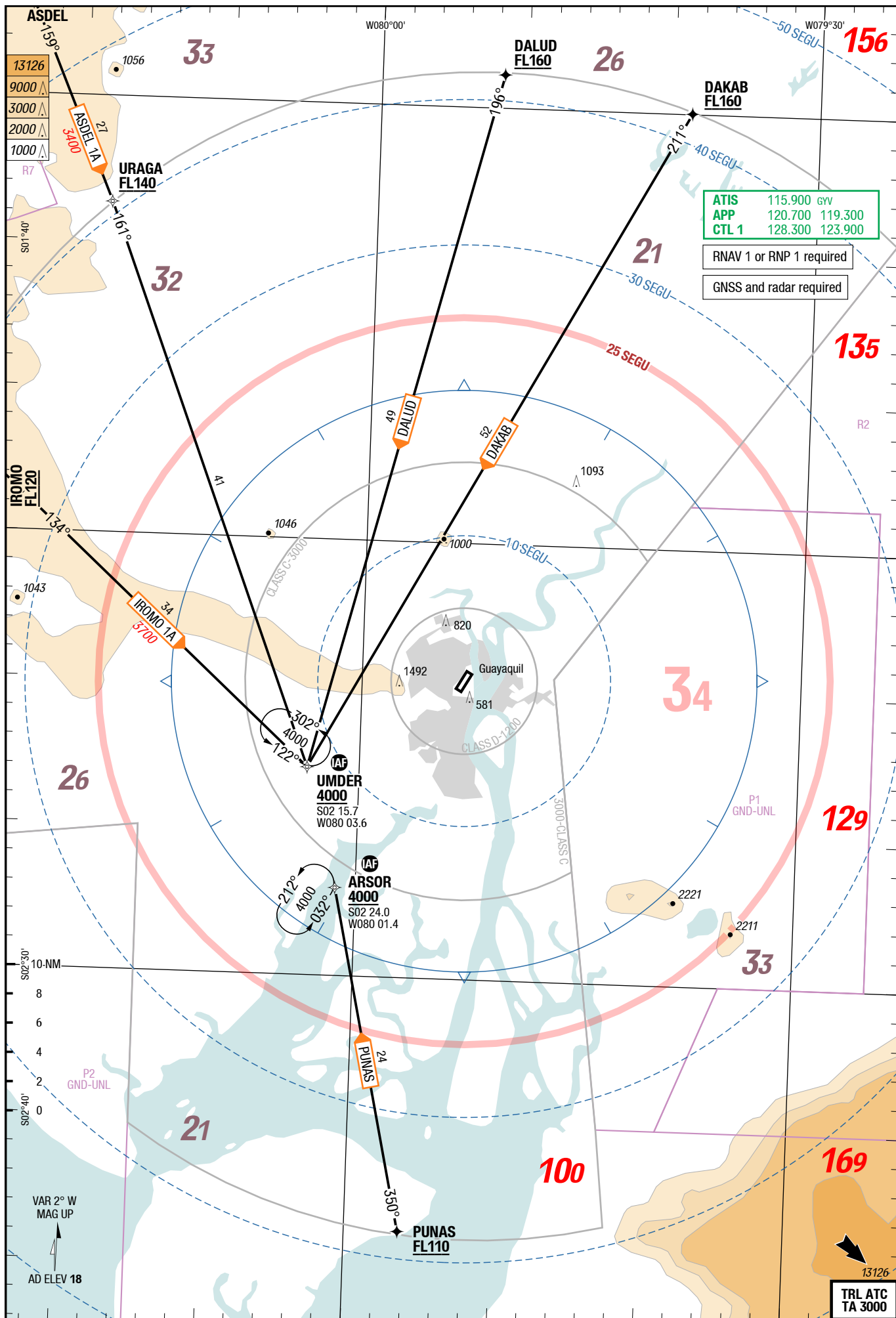
RWY 03 (032°)

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 03</b>	
<b>CHONGON 1A</b> <b>SOL 1A</b> (SID 3F) 3.6% <b>120.700</b>	at D1 <b>GYV</b> after <b>GYV LT</b> intercept QDM 221 <b>SOL</b> to <b>SOL</b>	D1 <b>GYV</b> MNM <b>500</b> crossing R319 <b>GYV</b> MNM <b>1300</b> crossing R261 <b>GYV</b> MNM <b>2100</b>







**GYE-SEGU**

STARs RWY 21 (STAR 1L) >

6-30

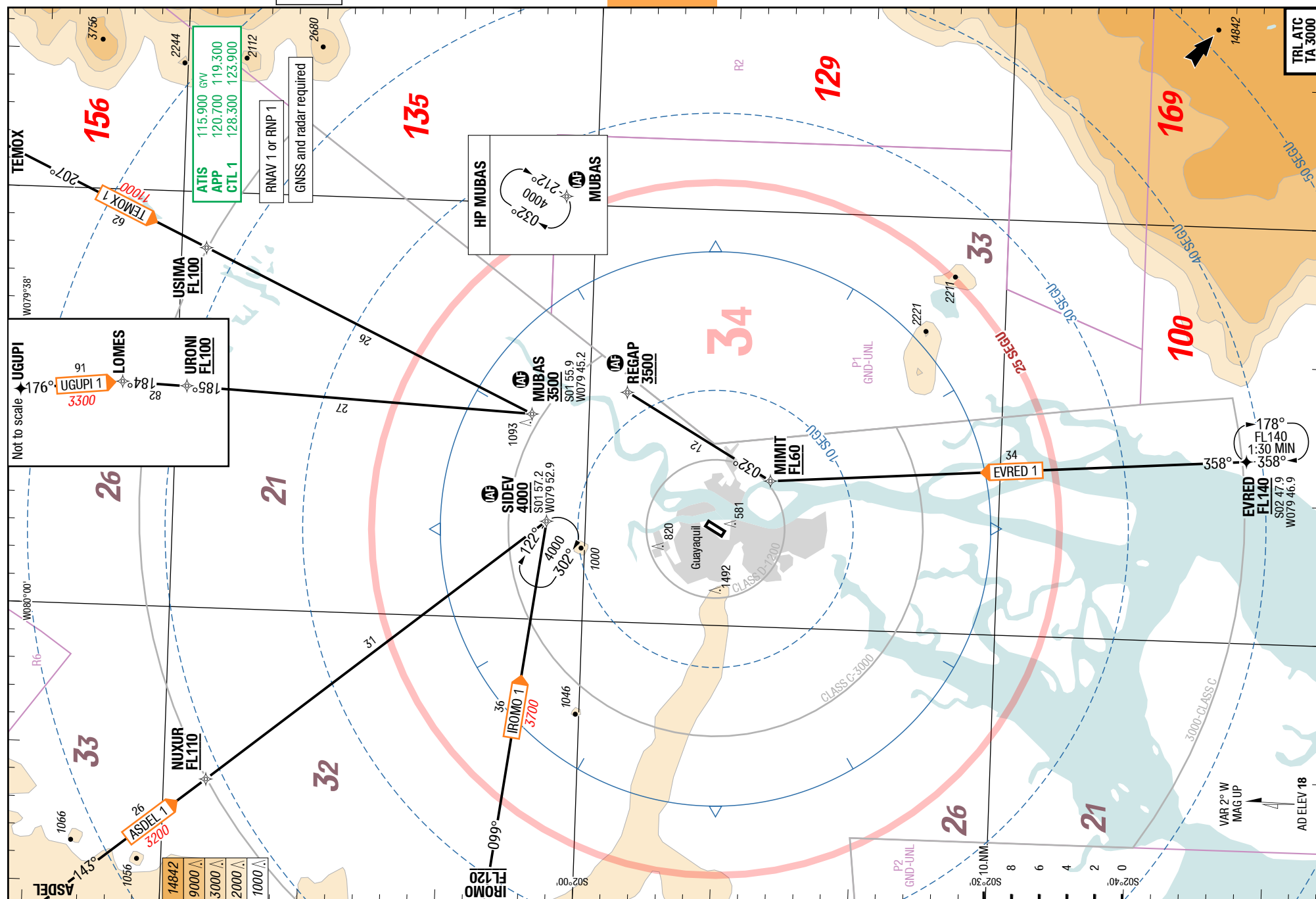
## RNAV STARs RWY 21

# STAR

# STAR

STARs RWY 21 (STAR 1L)

## RNAV STARs RWY 21



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Changes: Note, HLDG

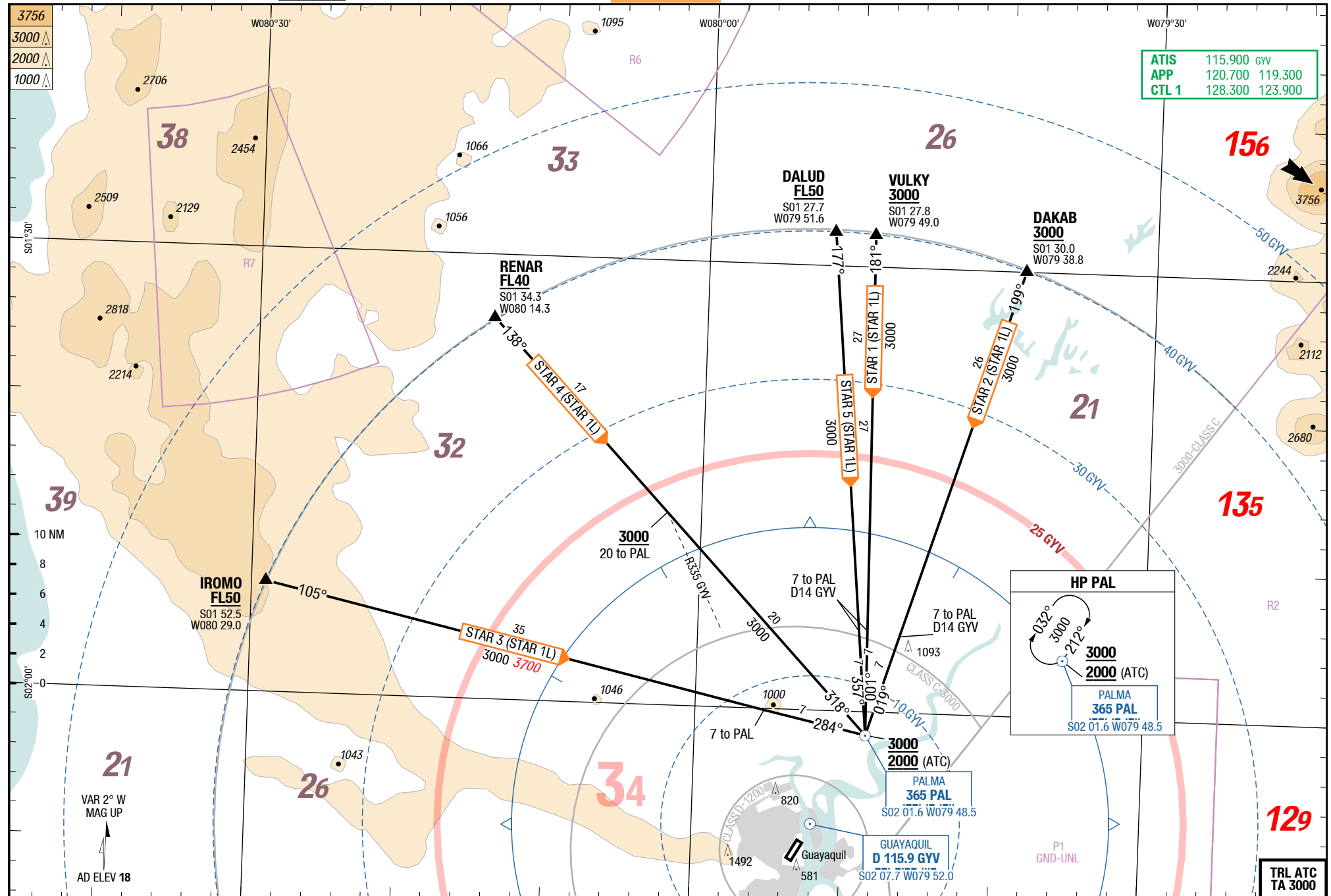
**GYE-SEGU**

## 6-40 **STARs RWY 21 (STAR 1L)**

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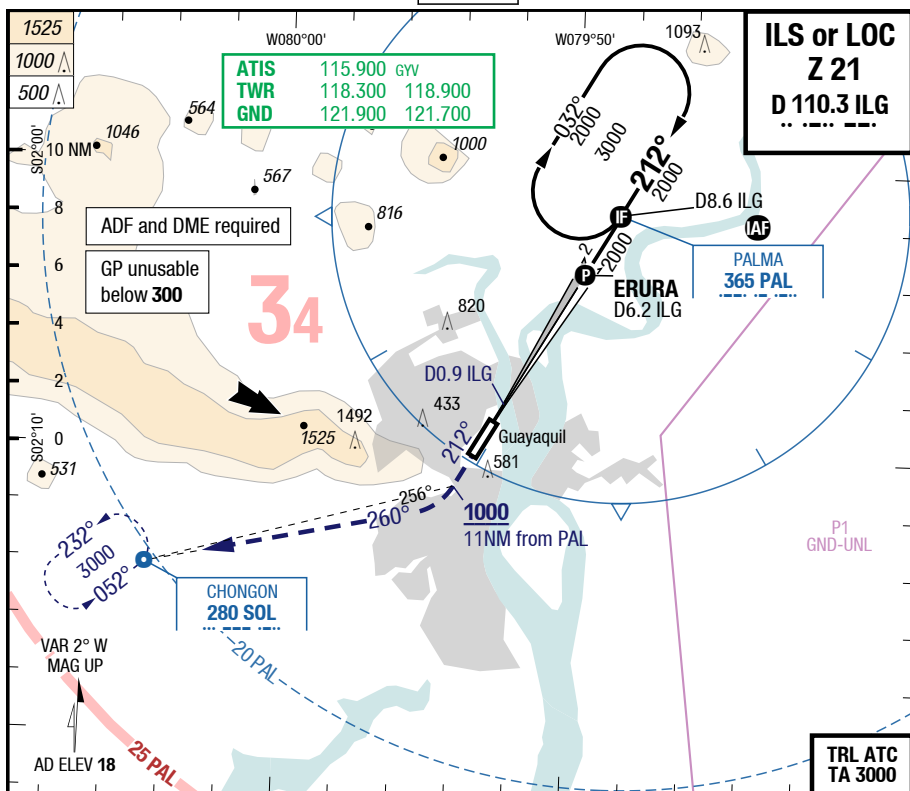
# STAR

## STARs RWY 21 (STAR 1L)

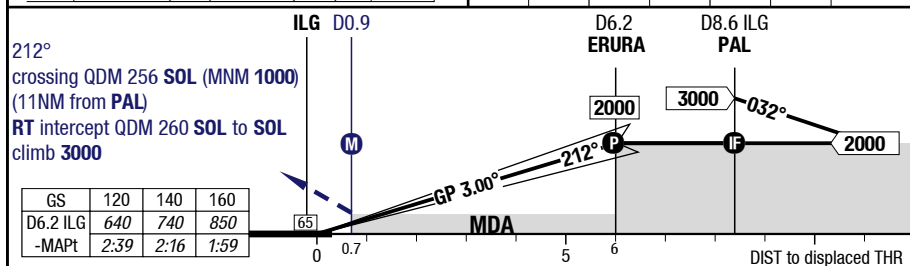


Changes: Nil

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**GYE-SEGU****7-10****ILS or LOC Z 21**

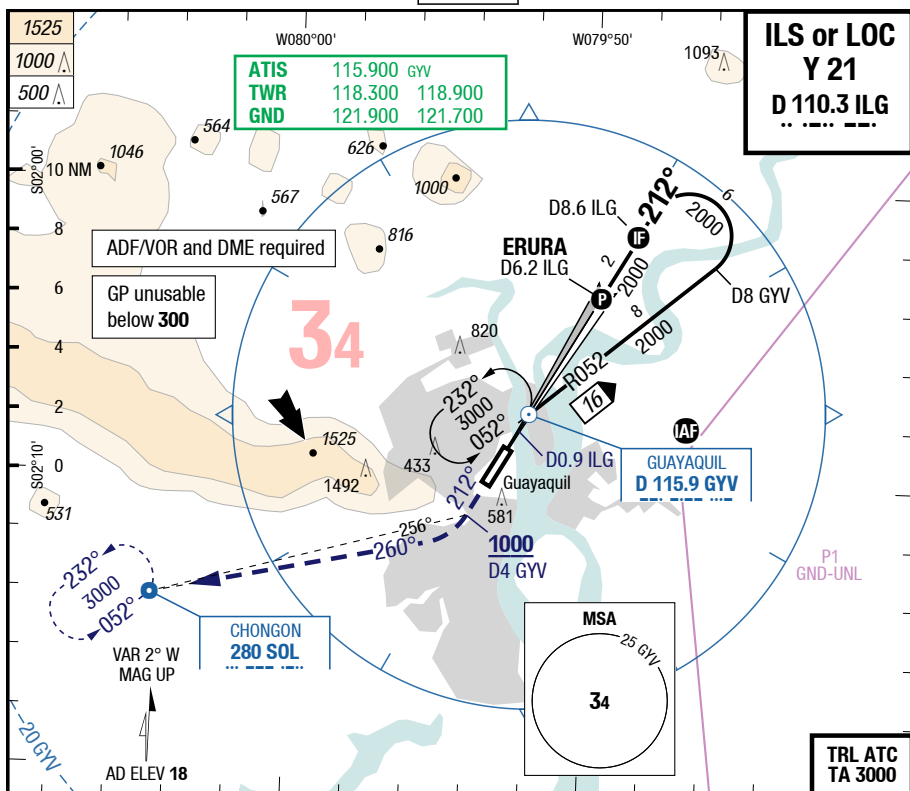
60 HL	45 x 2547	137	21	2	3	4	5	6	6.2	LOC 3.00° D ILG
0.0%	TDZ 13 (---%) / THR 13 (OhPa)	HL-N		650	970	1290	1620	1940	2000	



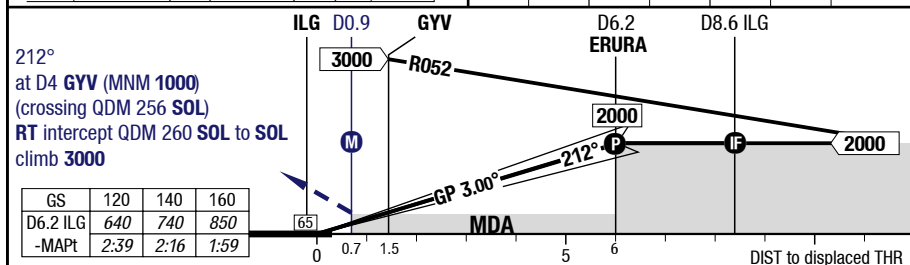
<b>21</b>		<b>Cat 1 DME</b> GA 3.0% 1)	<b>LOC DME</b> GA 3.0%	<b>LOC DME</b> GA 3.0% APL U/S	<b>Circling</b> To RWY 03 only
C	ft - m/km ft	290 - 1.2V <b>300</b>	440 - 1.9V <b>450</b>	440 - 2.1V <b>450</b>	770 - 4.0V <b>780</b>
D	ft - m/km ft	290 - 1.2V <b>300</b>	440 - 1.9V <b>450</b>	440 - 2.1V <b>450</b>	770 - 4.0V <b>780</b>

1) With EVS VIS 800m

Changes: MSA, APL, MIN

**GYE-SEGU****7-20****ILS or LOC Y 21**

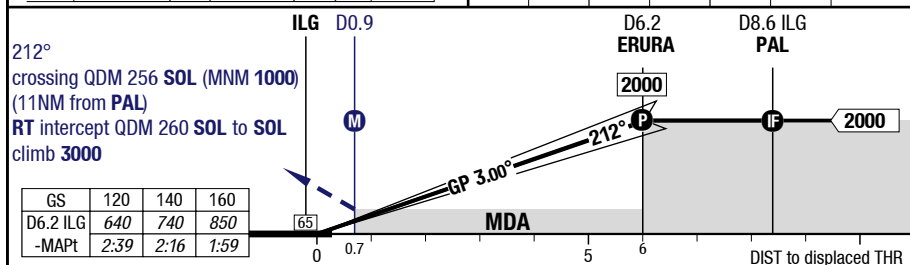
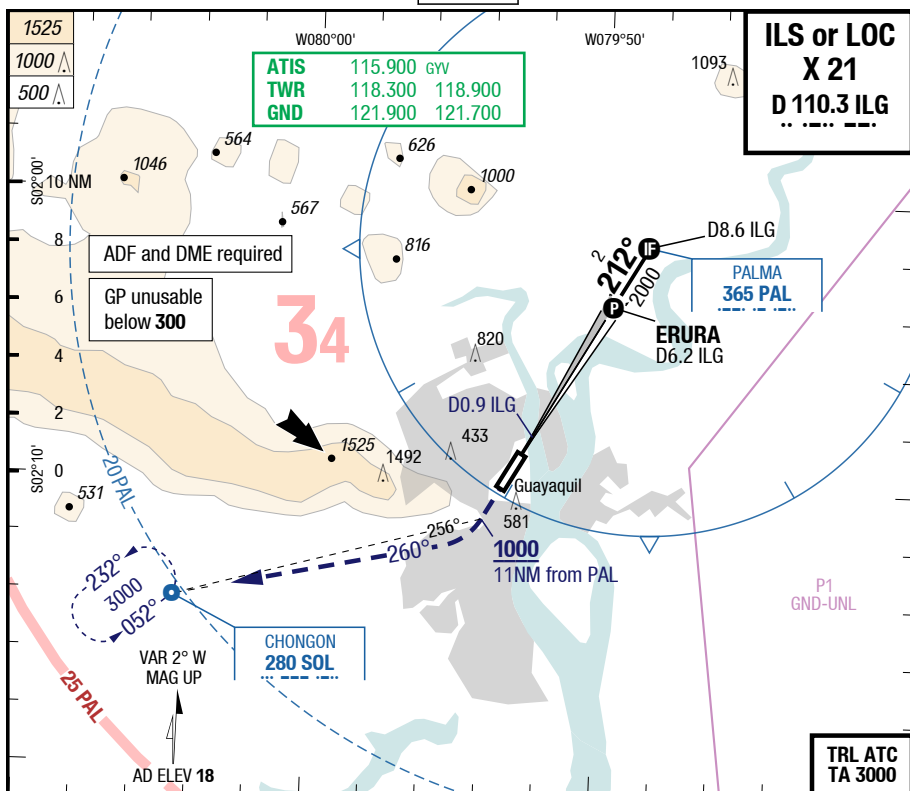
2	3	4	5	6	6.2	LOC 3.00° D ILG
650	970	1290	1620	1940	2000	



<b>21</b>		<b>Cat 1 DME</b> GA 3.0% 1)	<b>LOC DME</b> GA 3.0%	<b>LOC DME</b> GA 3.0% APL U/S	<b>Circling</b> To RWY 03 only
<b>C</b>	ft - m/km ft	290 - 1.2V <b>300</b>	440 - 1.9V <b>450</b>	440 - 2.1V <b>450</b>	770 - 4.0V <b>780</b>
<b>D</b>	ft - m/km ft	290 - 1.2V <b>300</b>	440 - 1.9V <b>450</b>	440 - 2.1V <b>450</b>	770 - 4.0V <b>780</b>

1) With EVS VIS 800m

Changes: MSA, APL, MIN

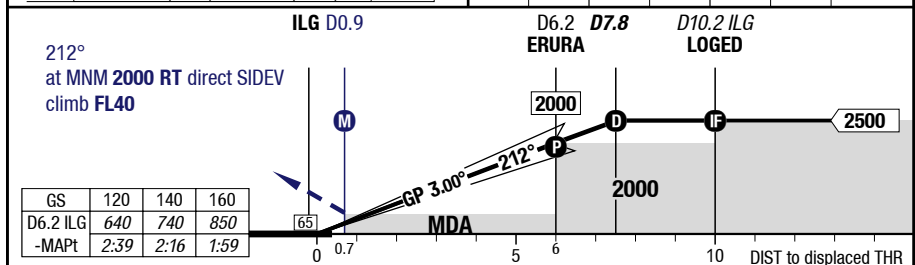
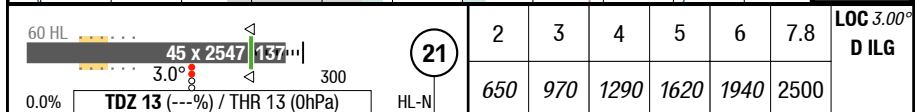
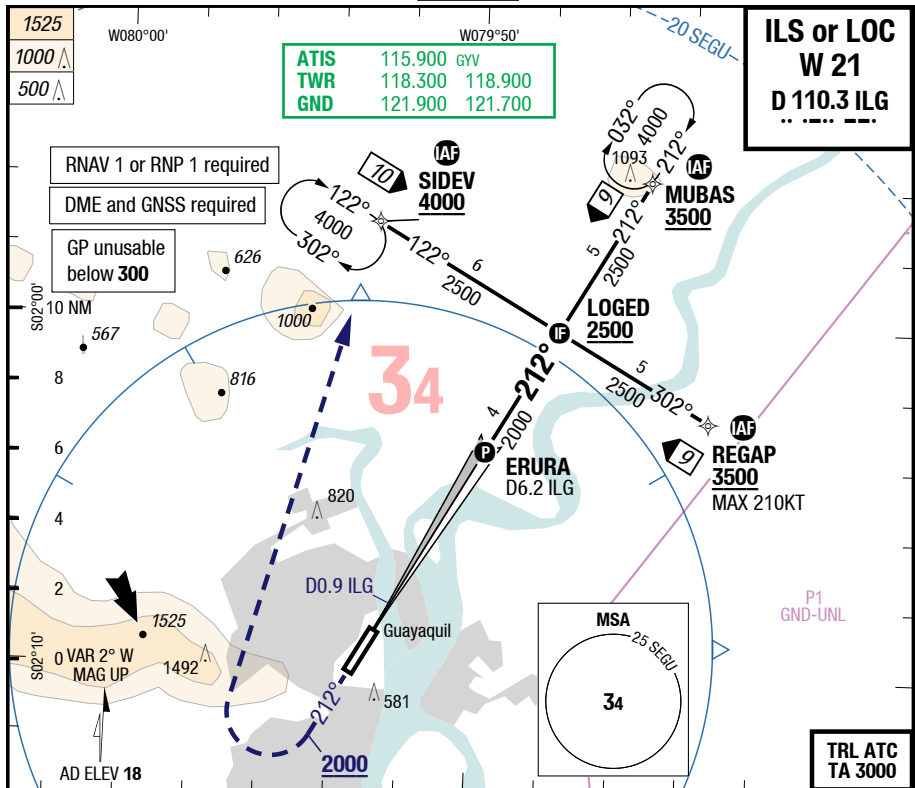
**GYE-SEGU****7-30****ILS or LOC X 21**

21		Cat 1 DME GA 3.0% 1)	LOC DME GA 3.0%	LOC DME GA 3.0% APL U/S	Circling To RWY 03 only	
C	ft - m/km ft	290 - 1.2V 300	440 - 1.9V 450	440 - 2.1V 450	770 - 4.0V 780	
D	ft - m/km ft	290 - 1.2V 300	440 - 1.9V 450	440 - 2.1V 450	770 - 4.0V 780	

1) With EVS VIS 800m

**GYE-SEGU**

7-40

**ILS or LOC W 21**

21		Cat 1 DME GA 5.0% 1)	LOC DME GA 5.0%	LOC DME GA 5.0% APL U/S	Circling	
C	ft - m/km ft	290 - 1.2V 300	440 - 1.9V 450	440 - 2.1V 450	Not published	
D	ft - m/km ft	290 - 1.2V 300	440 - 1.9V 450	440 - 2.1V 450	Not published	

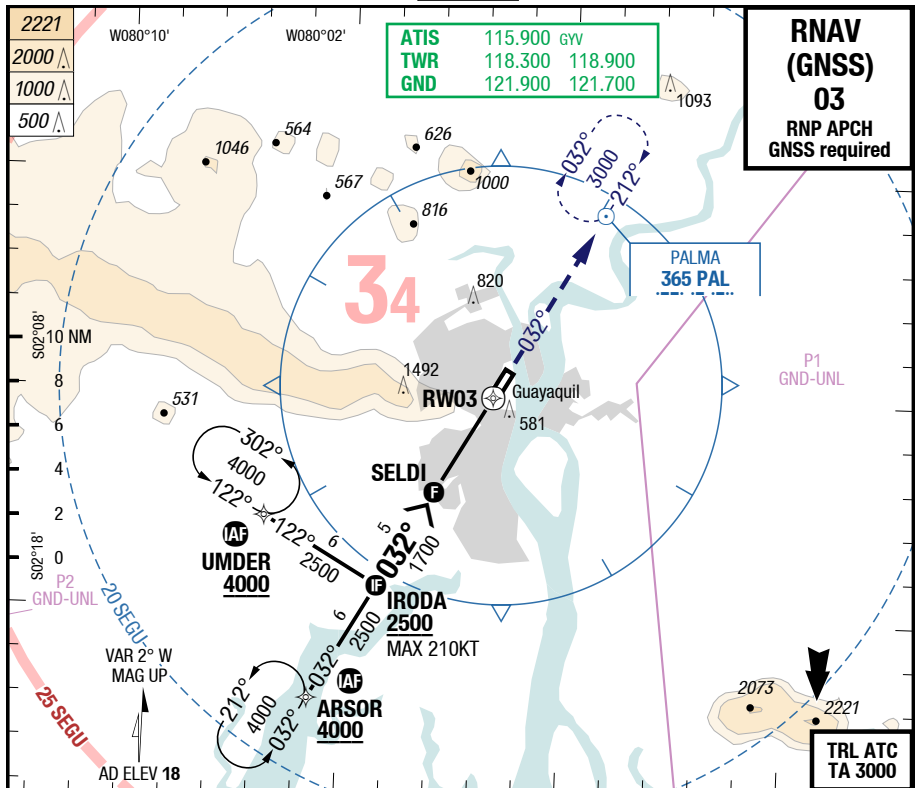
1) With EVS VIS 800m



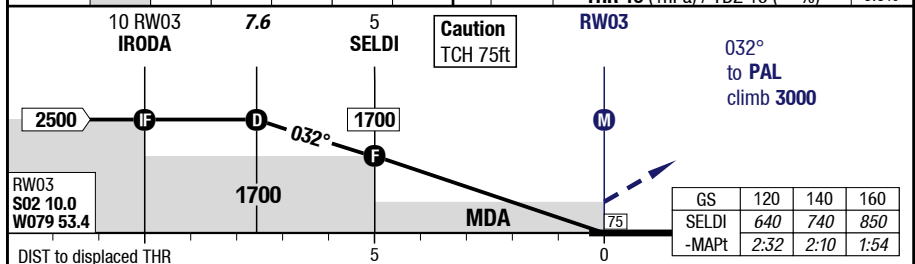
## GYE-SEGU

**7-50**

## RNAV (GNSS) 03



3.00° <b>RW03</b>		7.6	6	4	3	2	<div>03</div>	<div> <div>3.0°</div> <div>60 HL</div> </div>
		2500	2010	1370	1050	730		<div> <div>104</div> <div>2580 x 45</div> </div> <div> <div>THR 16 (1hPa) / IDZ 16 (---%)</div> <div>0.0%</div> </div>



03		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV				Circling
C	ft - m/km ft	740 - 3.5V <b>750</b>	690 - 3.2V <b>700</b>				Not published
D	ft - m/km ft	740 - 3.5V <b>750</b>	690 - 3.2V <b>700</b>				Not published

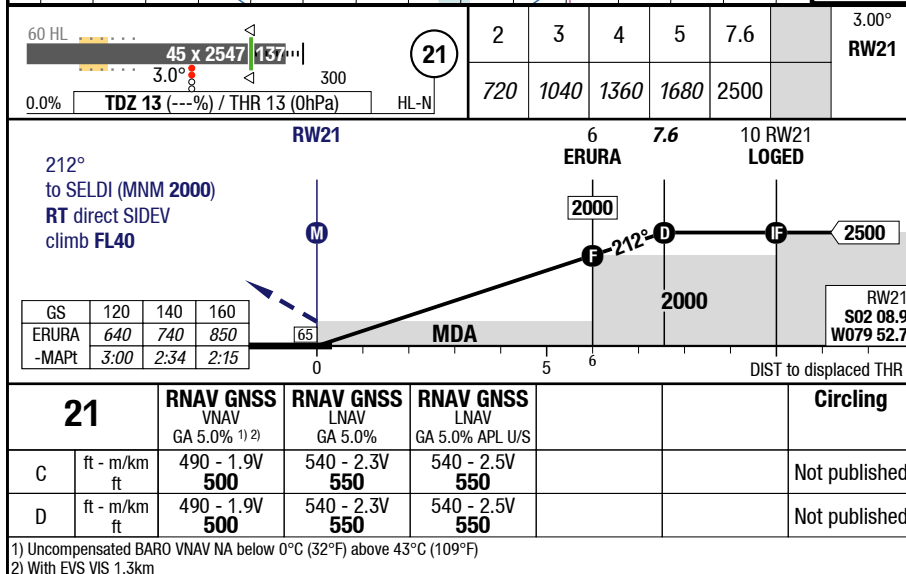
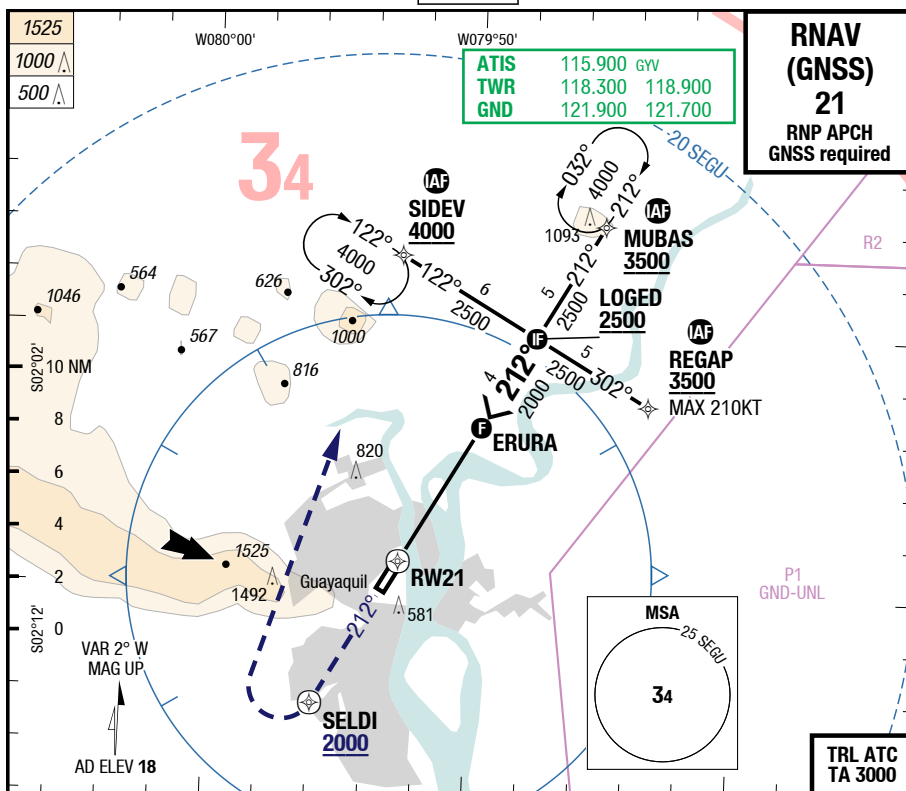
1) Uncompensated BARO VNAV NA below 0°C (32°F) above 43°C (109°F)
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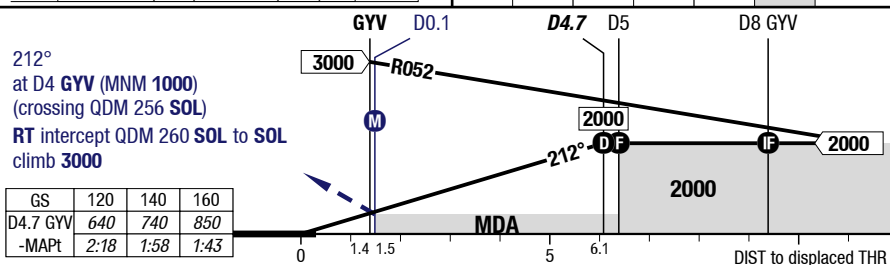
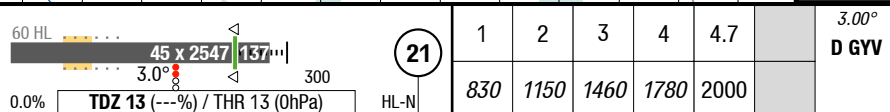
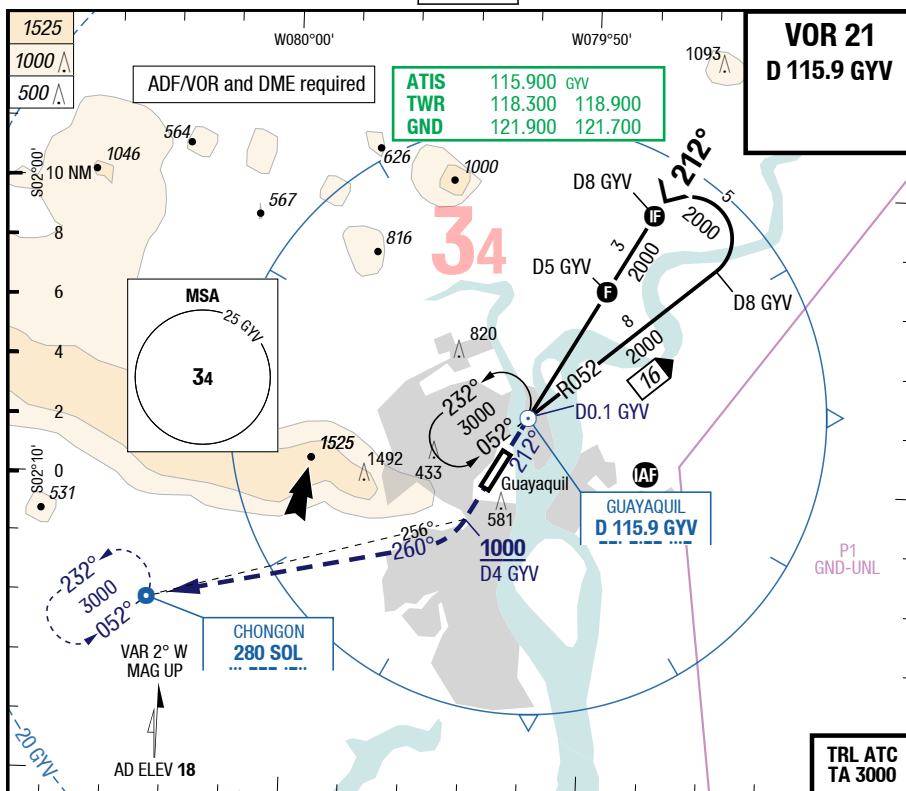
2) With EVS VIS 2.3km

Changes: WPT UMDER, OBST

**GYE-SEGU**

7-60

**RNAV (GNSS) 21**

**GYE-SEGU****7-70****VOR 21**

<b>21</b>		<b>VOR DME</b>	<b>VOR DME</b>	<b>Circling</b>	
			<b>APL U/S</b>	<b>To RWY 03 only</b>	
<b>C</b>	ft - m/km ft	440 - 1.9V <b>450</b>	440 - 2.1V <b>450</b>	770 - 4.0V <b>780</b>	
<b>D</b>	ft - m/km ft	440 - 1.9V <b>450</b>	440 - 2.1V <b>450</b>	770 - 4.0V <b>780</b>	

05-OCT-2017

Ecuador **Guayaquil** Jose Joaquin de Olmedo Intl

**NIL**  
**MRC**

**MRC**

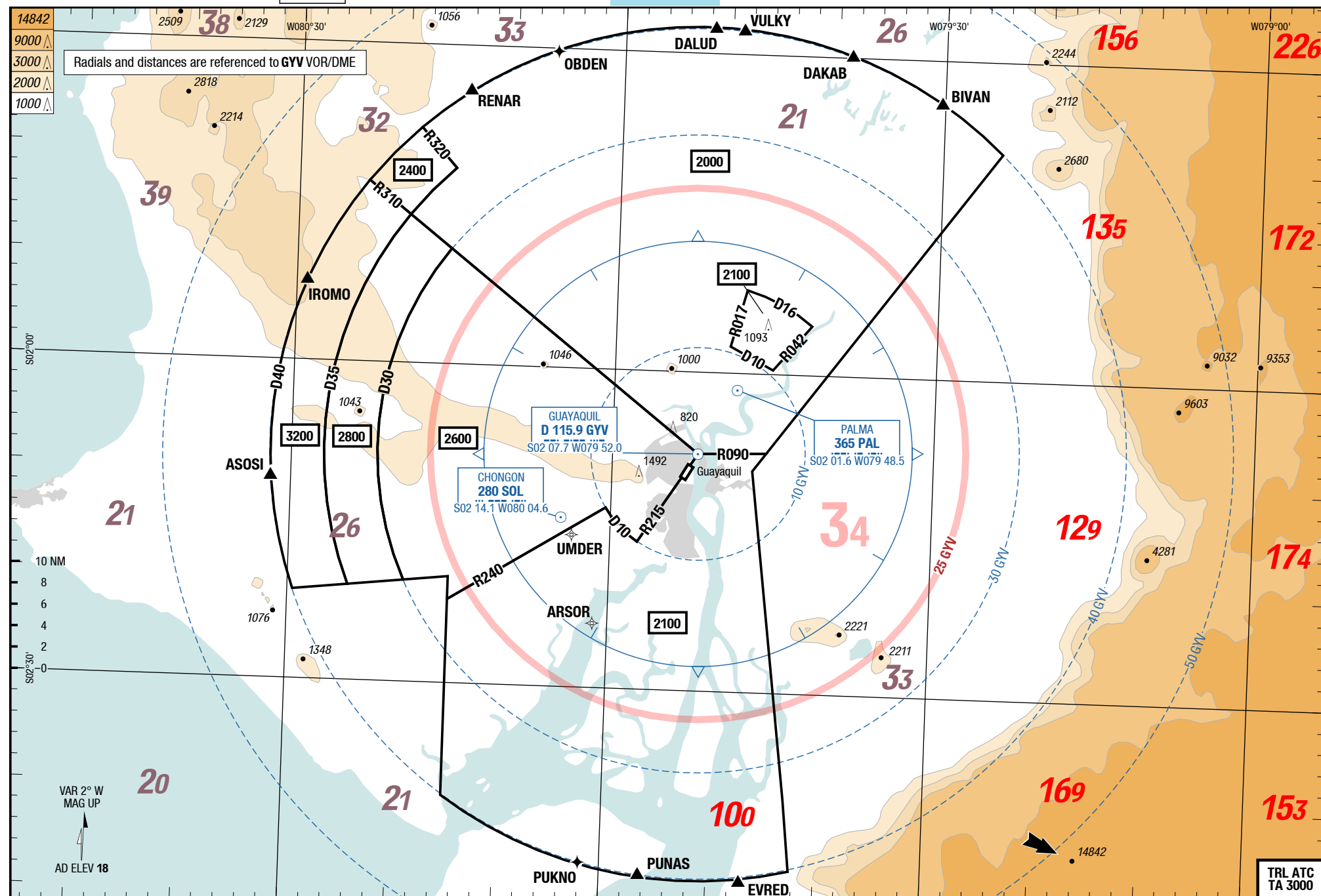
**MRC**

Jose Joaquin de Olmedo Intl **Guayaquil** Ecuador

**NIL**  
**MRC**

**GYE-SEGU**

8-10



Changes: WPT UMDER

TRL ATC  
TA 3000

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