





ZSPD/PVG  
PUDONG

JEPPESSEN SHANGHAI, PR OF CHINA  
21 MAY 21 20-3C RNAV SID

Apt Elev  
13

Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

1. RADAR required.

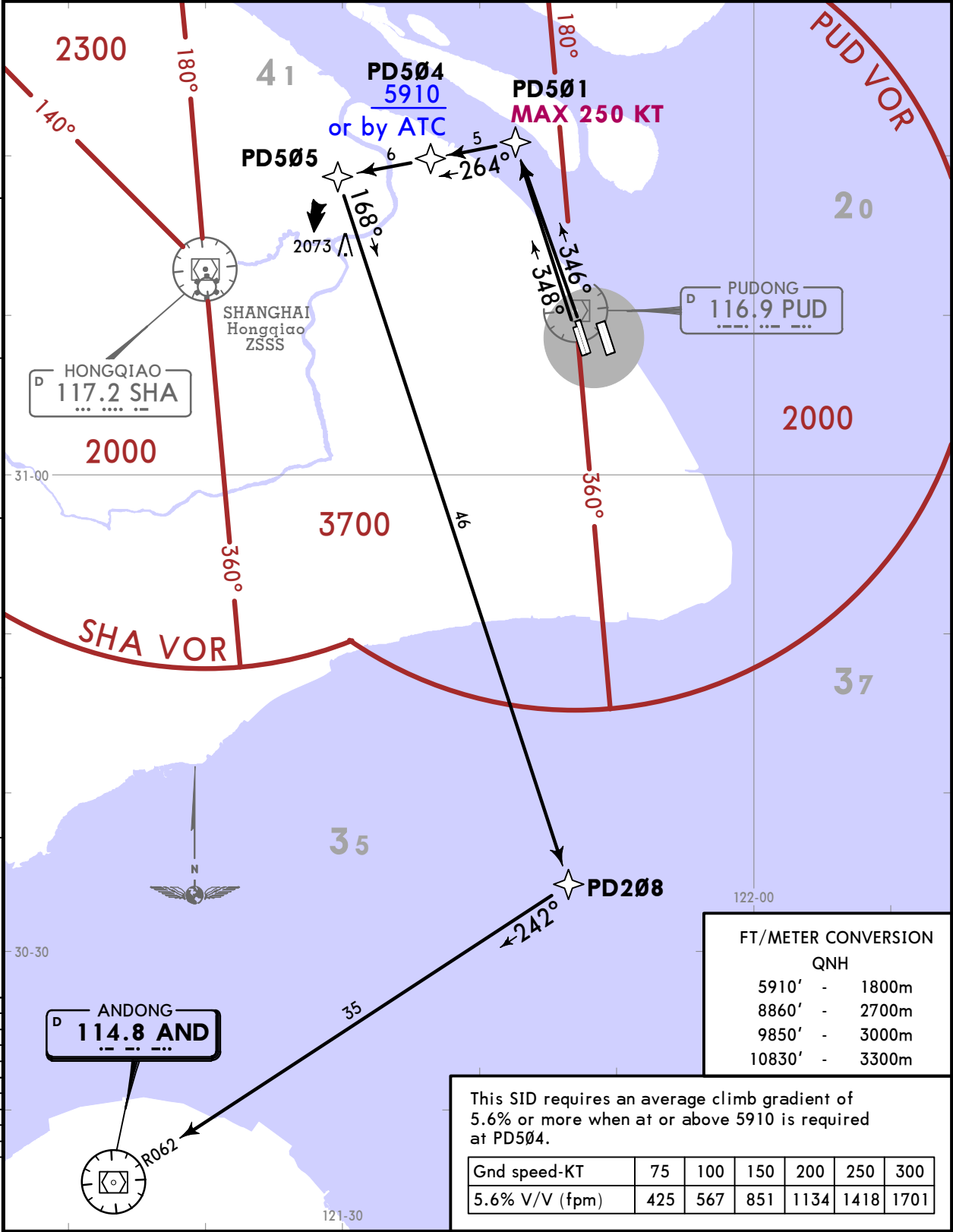
2. RNAV 1.

3. GNSS or DME/DME/IRU required.

4. Turns before DER are prohibited.

5. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

AND 91D RNAV DEPARTURE  
(RWYS 35L/R)



ROUTING  
PD501 (K250-) - PD504 (5910+ or by ATC) - PD505 - PD208 - AND.



ZSPD/PVG  
PUDONG

JEPPESSEN SHANGHAI, PR OF CHINA  
10 MAY 24 20-3E Eff 15 May 1600Z RNAV SID

Apt Elev  
13

Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below  
1. RADAR required.  
2. RNAV 1.  
3. GNSS or DME/DME/IRU required.  
4. Turns before DER are prohibited.  
5. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

180°  
140°  
2300  
2000  
360°  
3700

MSA  
SHA VOR  
(117.2)

HSN 91D, HSN 92D  
RNAV DEPARTURES



FT/METER CONVERSION	
QNH	
500'	150m
8860'	2700m
9850'	3000m
10830'	3300m

FL CONVERSION	
FL256	FL7800m

These SIDs require average climb gradients of  
HSN 91D: 3.9% or more  
HSN 92D: 4.6% or more  
when at or above 9850 is required at PD510.

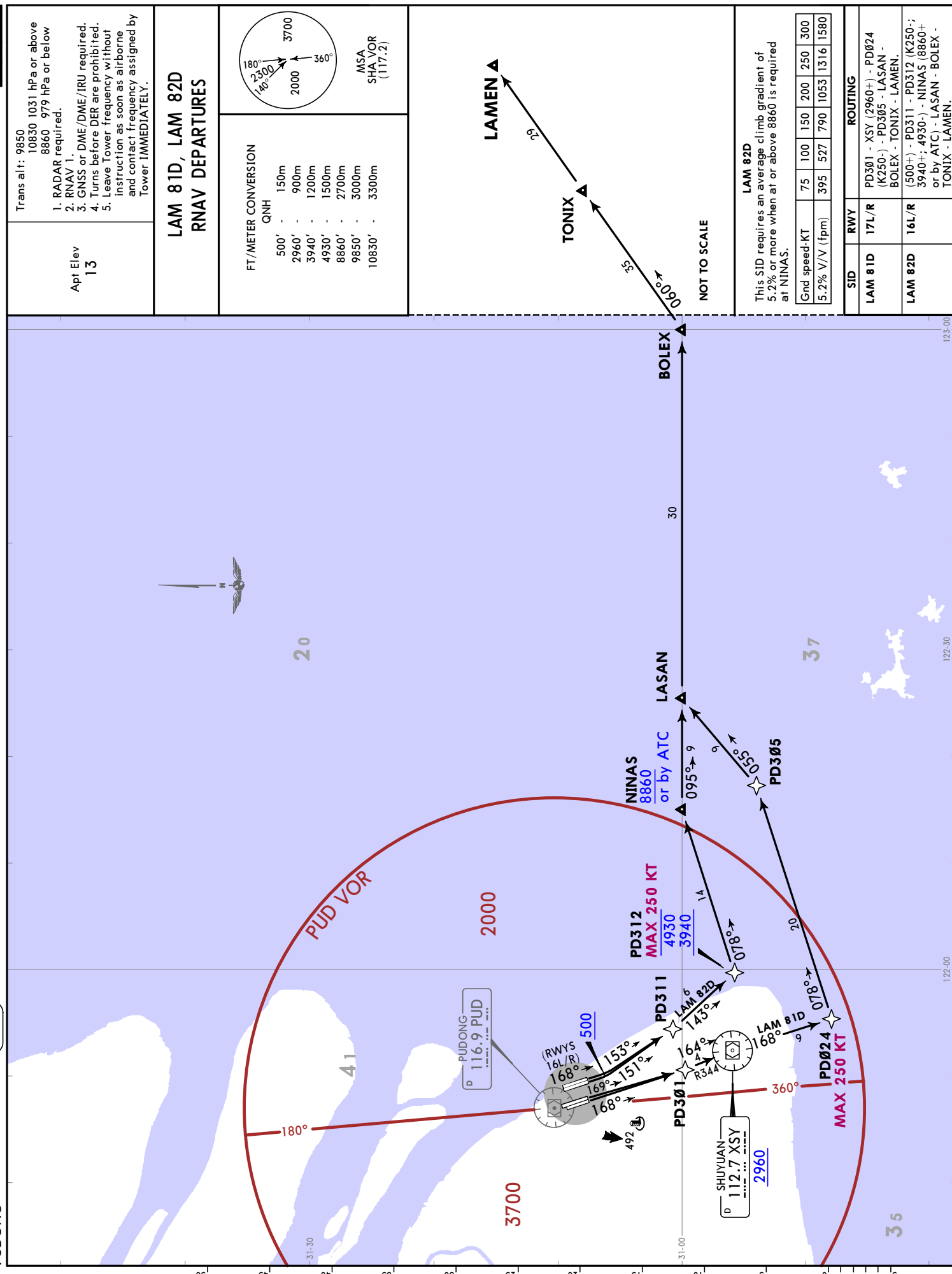
Gnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185
4.6% V/V (fpm)	349	466	699	932	1165	1397

NOT TO SCALE

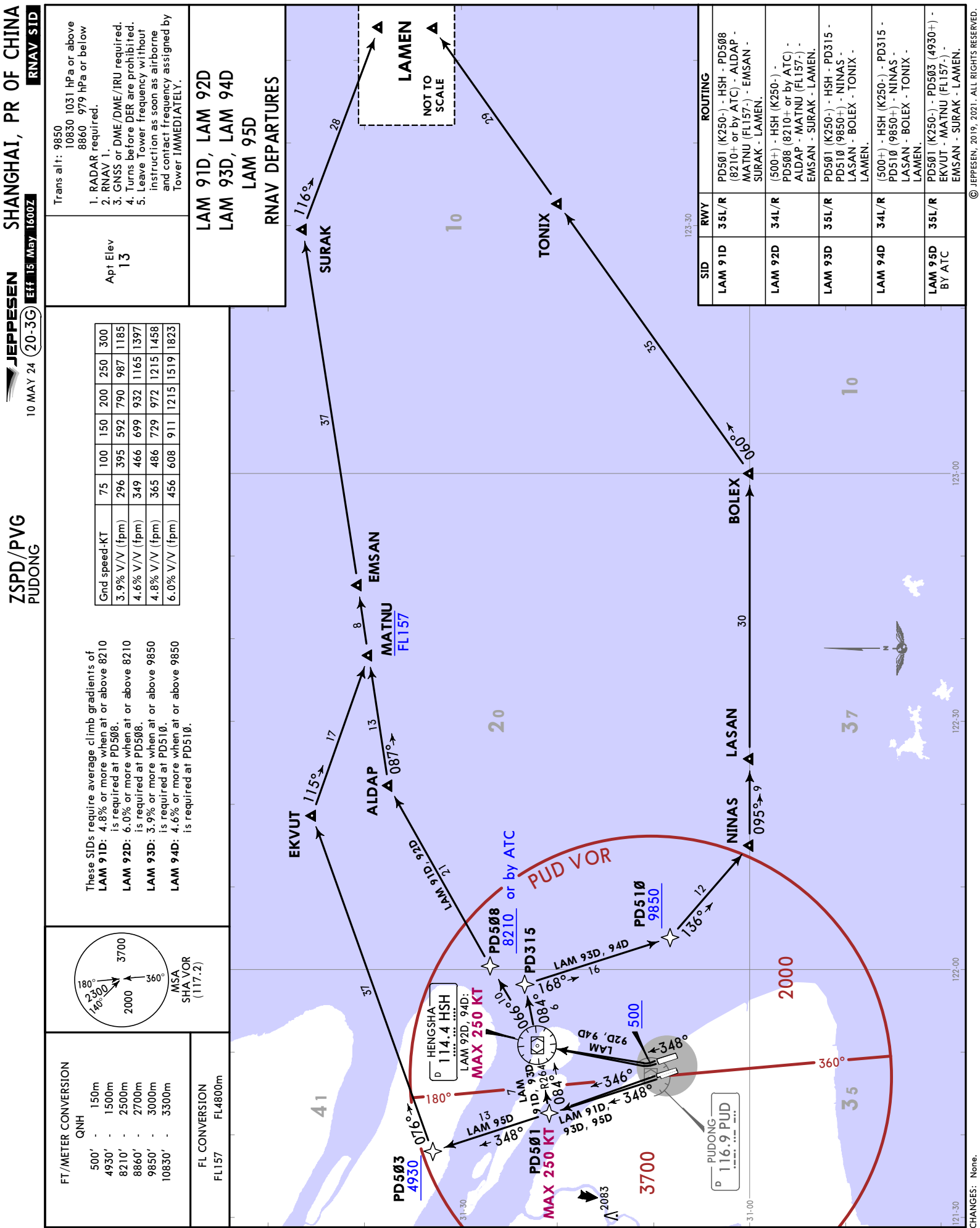
ZHOUSHAN  
112.3 HSN  
FL256

R008  
188°  
39

SID	RWY	ROUTING
HSN 91D	35L/R	PD501 (K250-) - HSH - PD315 - PD510 (9850+) - NINAS - PONAB - HSN (FL256+).
HSN 92D	34L/R	(500+) - HSH (K250-) - PD315 - PD510 (9850+) - NINAS - PONAB - HSN (FL256+).





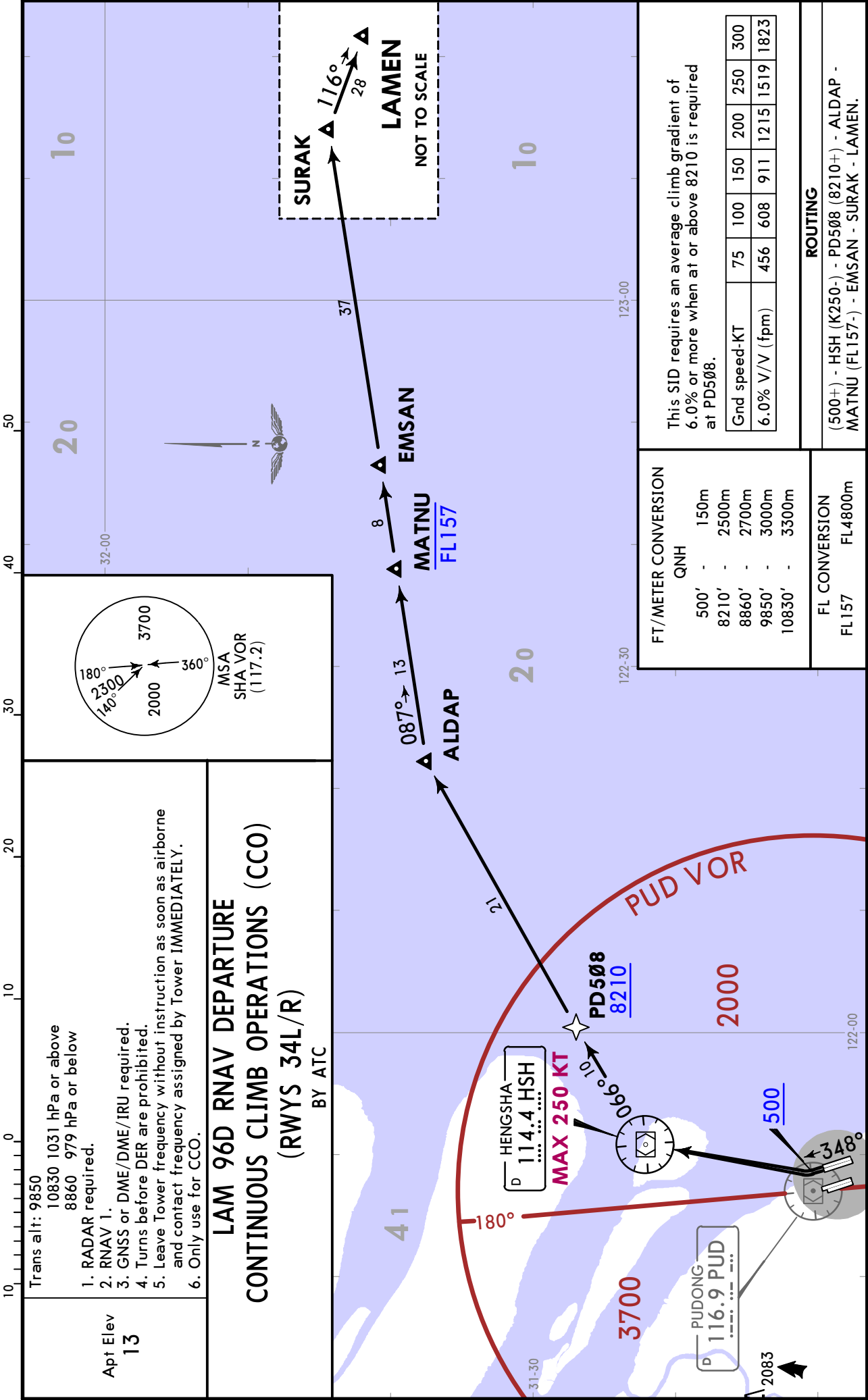






ZSPD/PVG  
PUDONG

JEPPESSEN SHANGHAI, PR OF CHINA  
19 NOV 21 20-3J Eff 1 Dec 1600Z RNAV SID



RNAV SID

Eff 15 May 1600Z

10 MAY 24 (20-3J1)

**ZSID/TWO  
PUIDONG**

Trans alt: 9850  
10830  
8860

1. RADAR requirement
2. RNAV 1.
3. GNSS or DME
4. Turns before
5. Leave Tower instruction as and contact fr Tower IMMEDIATE

Apt Elev  
13

**MIG 81D, MIG 82D  
RNAV DEPARTURES**

FT/METER CONVERSION

500'	-	150m
2960'	-	900m
3940'	-	1200m
4930'	-	1500m
8860'	-	2700m
9850'	-	3000m
10830'	-	3300m

MSA  
SHA VO  
(117.2)

MIG 82D

This SID requires an average climb gradient of 5.2% or more when at or above 8860 is required at NINAS.

Gnd speed-KT	75	100	150	200	250	300
5.2% V/V (fpm)	395	527	790	1053	1316	1580

**NOT TO SCALE**

117° →

**MIGOL**

SID	RWY	ROUTING
MIG 8 1D	17L/R	PD301 - XSY (2960+) - PD024 (K250-) - PD305 - LASAN - BOLEX - MIGOL.
MIG 8 2D	16L/R	(500+) - PD311 - PD312 (K250-; 3940); 4930) - NINAS (8860+ or by ATC) - LASAN - BOLEX - MIGOL.

**CHANGES:** Waypoint PD304 & associated crossing withdrawn; PD305 established.

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SHANGHAI, PR OF CHINA

ZSPD/PVG  
PUDONG

JEPPesen  
21 MAY 21 (20-3J3)

RNAV SID

Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

Apt Elev  
13

1. RADAR required.

2. RNAV 1.

3. GNSS or DME/DME/IRU required.

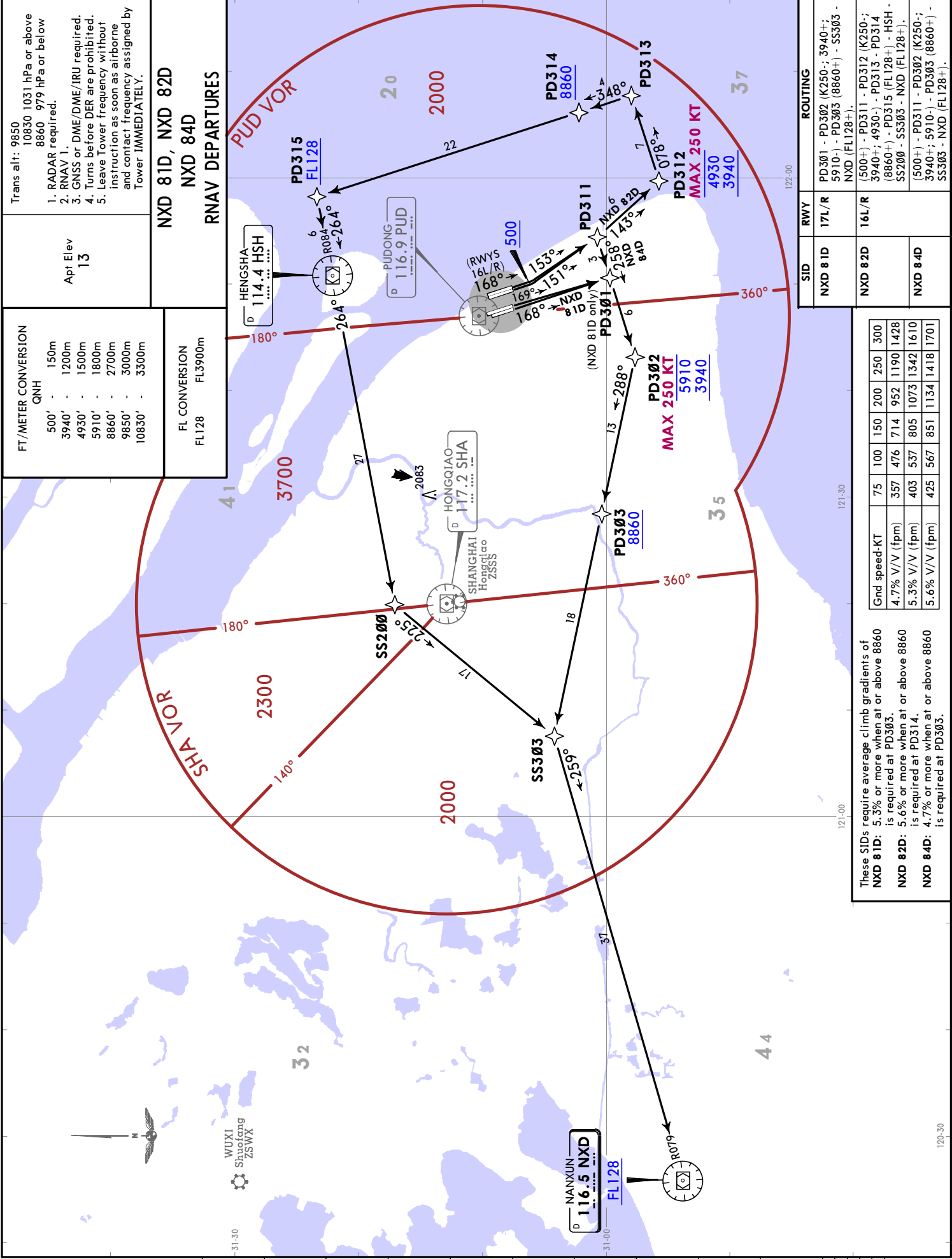
4. Turns before DER are prohibited.

5. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

FT/METER CONVERSION  
QNH  
500' - 150m  
3940' - 1200m  
4930' - 1500m  
5910' - 1800m  
8860' - 2700m  
9850' - 3000m  
10830' - 3300m

FL CONVERSION  
FL128  
FL3900m

NXD 81D, NXD 82D  
NXD 84D  
RNAV DEPARTURES

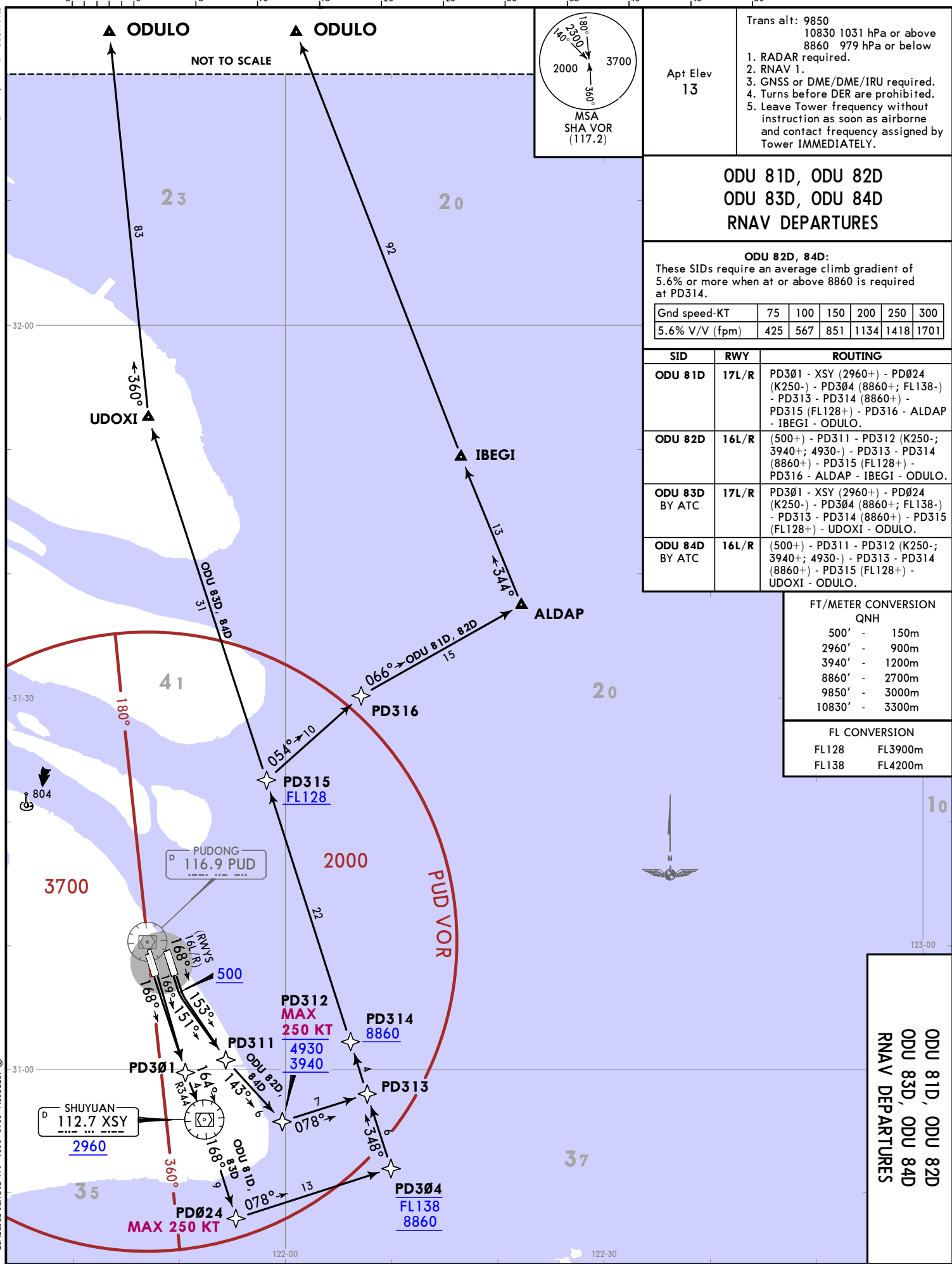




CHANGES: General note 3.

ZSPD/PVG  
PUDONG  
21 MAY 21  
JEPPESSEN  
20-3K

SHANGHAI, PR OF CHINA  
RNAV SID







**NOT TO SCALE ▲ PIKAS**

**These SIDs require average climb gradients of**

- PIK 81D:** 5.3% or more when at or above 8860 is required at PD303.
- PIK 82D:** 5.6% or more when at or above 8860 is required at PD314.
- PIK 86D:** 4.7% or more when at or above 8860 is required at PD303.

Gnd speed-KT	75	100	150	200	250	300
4.7% V/V (fpm)	357	476	714	952	1190	1428
5.3% V/V (fpm)	403	537	805	1073	1342	1610
5.6% V/V (fpm)	425	567	851	1134	1418	1701

SID	RWY	ROUTING
<b>PIK 81D</b>	<b>17L/R</b>	PD301 - PD302 (K250+; 3940+; 5910-) - PD303 (8860+) - SS303 - SS304 - SS305 (FL167+) - EKIMU - POMOK - SS320 (FL197+ or by ATC) - PIKAS.
<b>PIK 82D</b>	<b>16L/R</b>	(500+) - PD311 - PD312 (K250+; 3940+; 4930-) - PD313 - PD314 (8860+) - PD315 (FL128+) - HSH - SS200 - POMOK - SS320 (FL197+ or by ATC) - PIKAS.
<b>PIK 86D</b>		(500+) - PD311 - PD302 (K250+; 3940+; 5910-) - PD303 (8860+) - SS303 - SS304 - SS305 (FL167+) - EKIMU - POMOK - SS320 (FL197+ or by ATC) - PIKAS.

CHANGES: General note 3



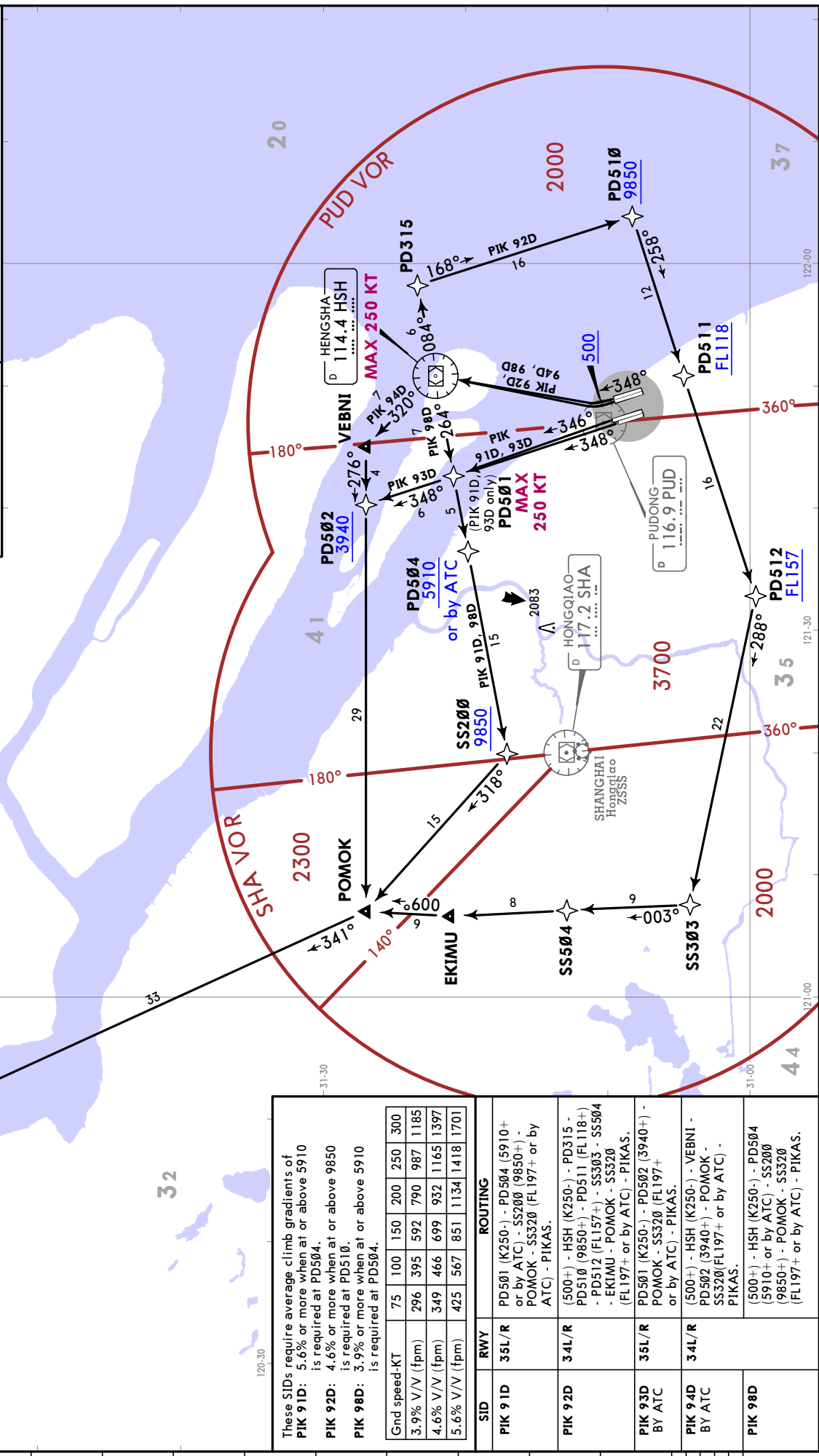
Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below  
RNAV 1.  
GNSS or DME/DME/IRU required.  
Turns before DER are prohibited.  
Leave Tower frequency without  
instruction as soon as airborne  
and contact frequency assigned by  
Tower IMMEDIATELY.

Apt Elev  
13

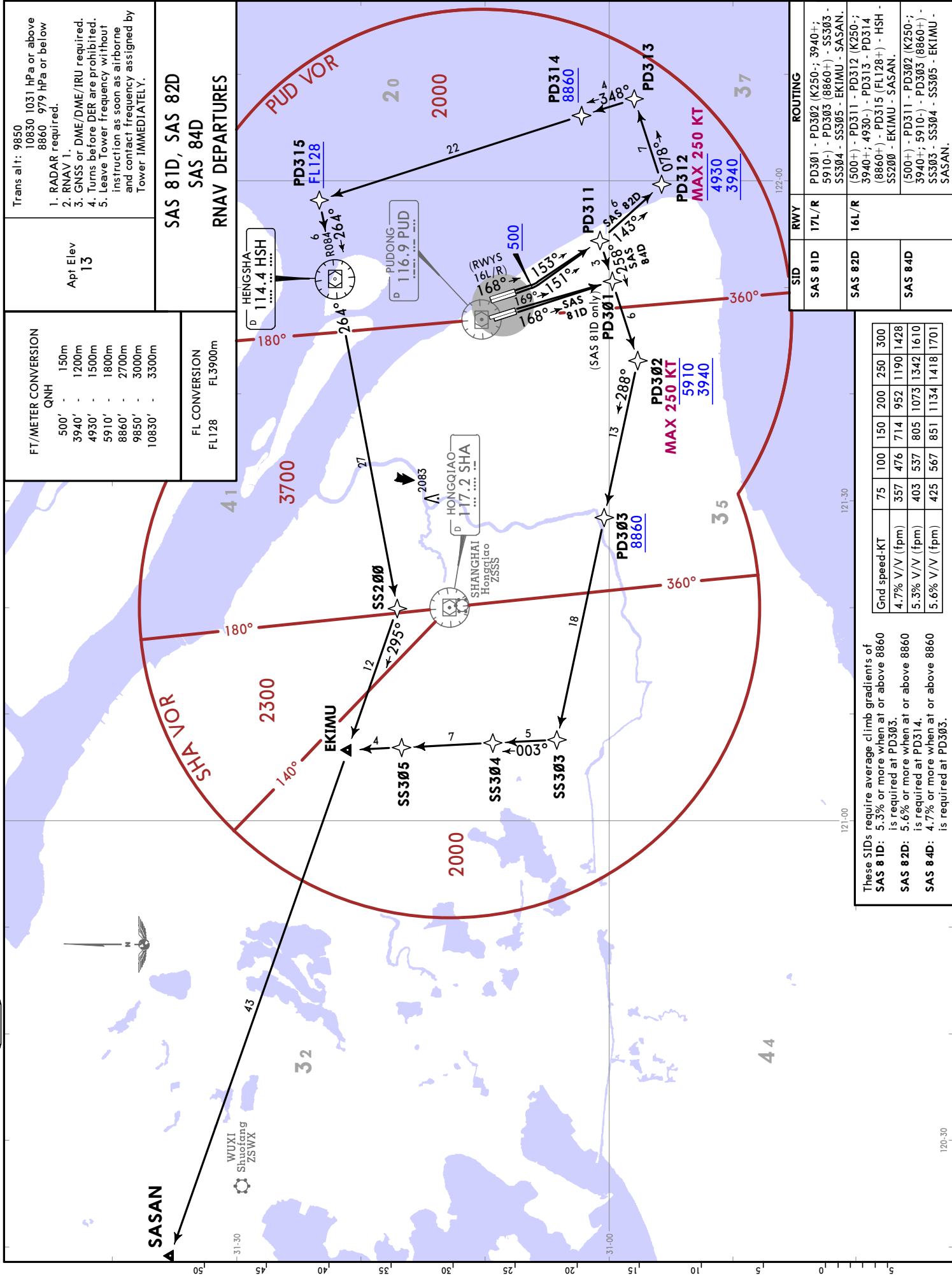
FT/METER CONVERSION  
QNH  
500' - 150m  
3940' - 1200m  
5910' - 1800m  
8860' - 2700m  
9850' - 3000m  
10830' - 3300m

PIK 91D, PIK 92D  
PIK 93D, PIK 94D, PIK 98D  
RNAV DEPARTURES

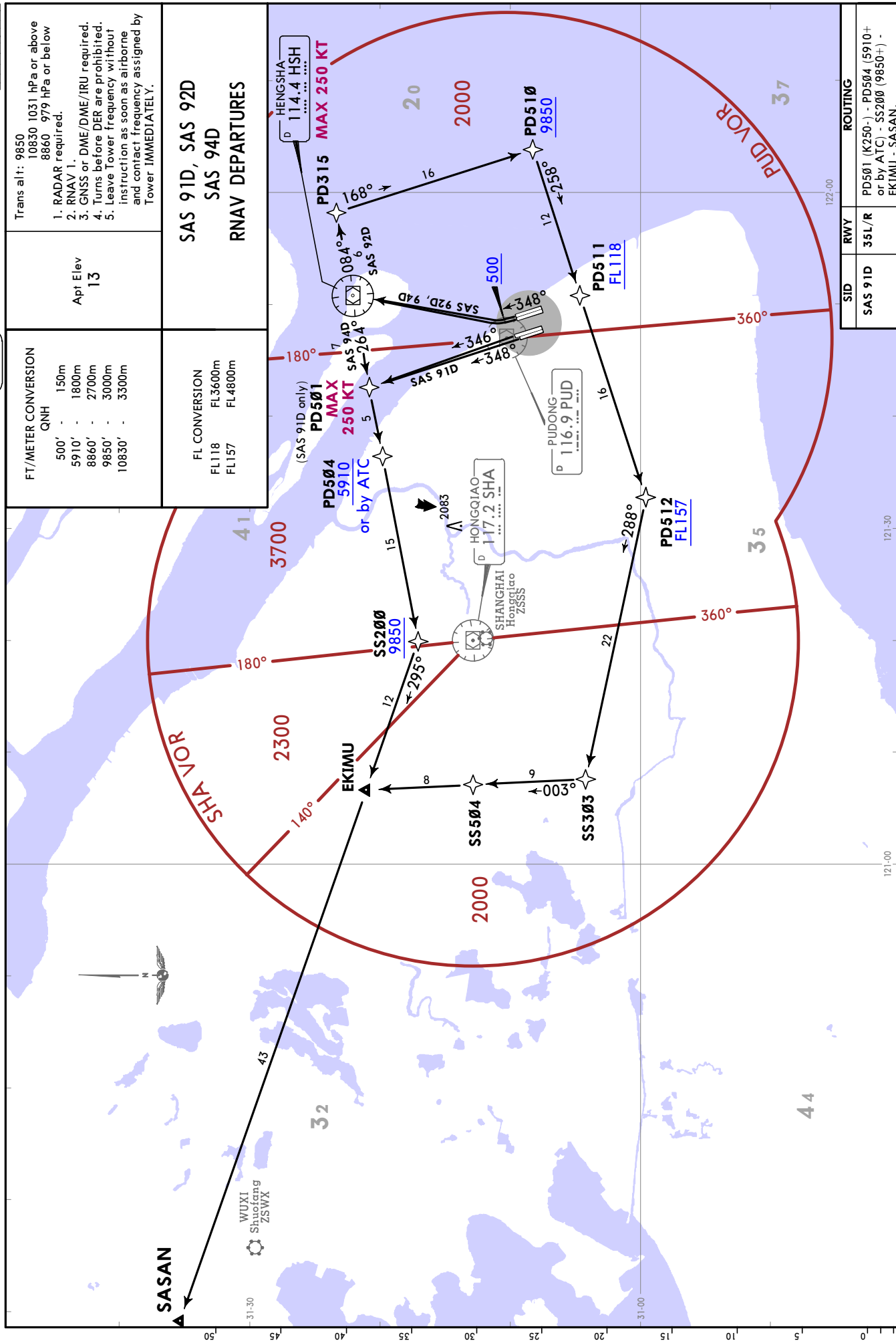
FL CONVERSION  
FL118  
FL157  
FL197







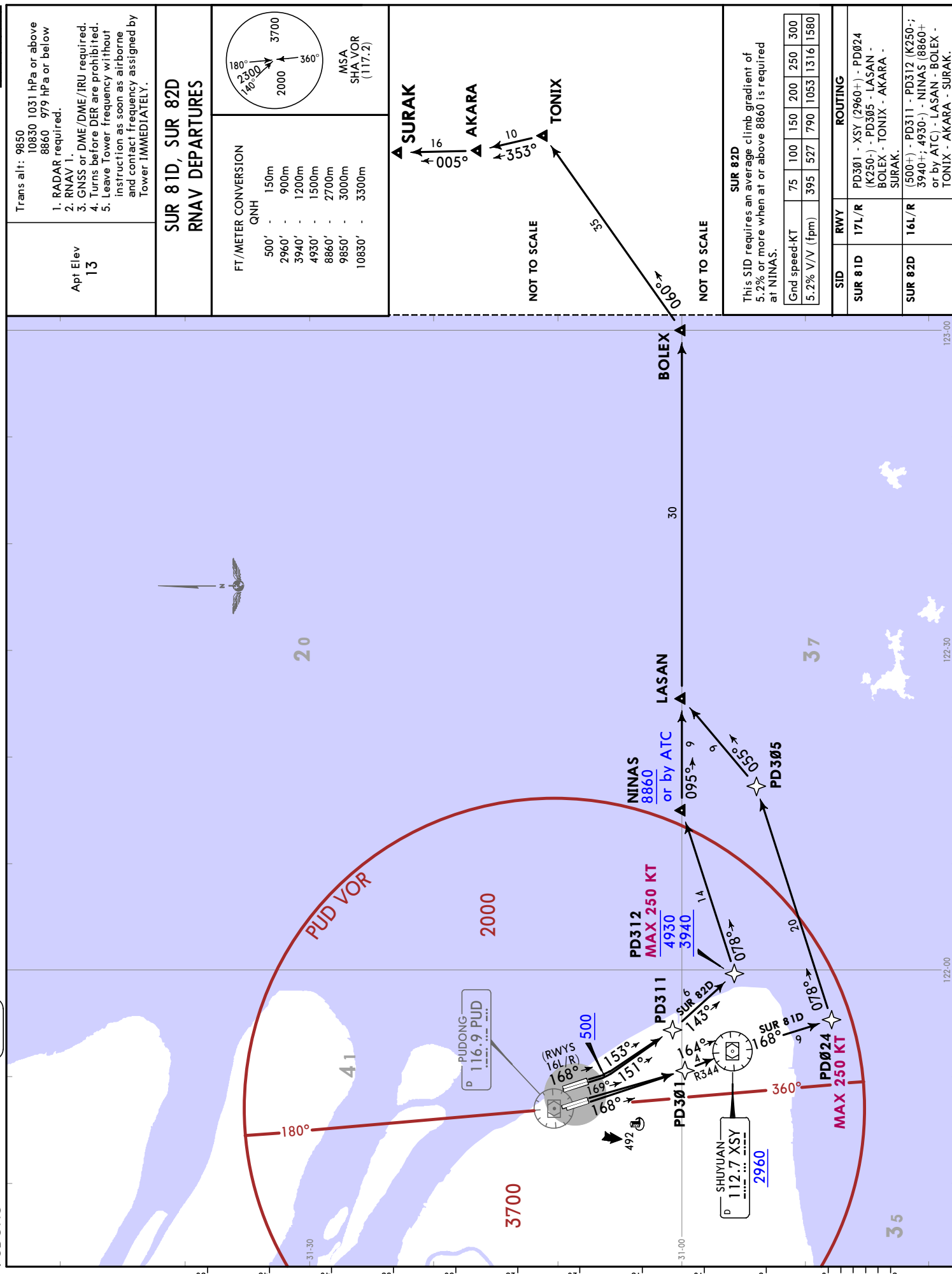




These SIDs require average climb gradients of <b>SAS 9 1D:</b> 5.6% or more when at or above 5910 is required at PD504. <b>SAS 9 2D:</b> 4.6% or more when at or above 9850 is required at PD510. <b>SAS 9 4D:</b> 3.9% or more when at or above 5910 is required at PD504.	<table><tr><td>Gnd speed-KT</td><td>75</td><td>100</td><td>150</td><td>200</td><td>250</td><td>300</td></tr><tr><td>3.9% V/V (fpm)</td><td>296</td><td>395</td><td>592</td><td>790</td><td>987</td><td>1185</td></tr><tr><td>4.6% V/V (fpm)</td><td>349</td><td>466</td><td>699</td><td>932</td><td>1165</td><td>1397</td></tr><tr><td>5.6% V/V (fpm)</td><td>425</td><td>567</td><td>851</td><td>1134</td><td>1418</td><td>1701</td></tr></table>							Gnd speed-KT	75	100	150	200	250	300	3.9% V/V (fpm)	296	395	592	790	987	1185	4.6% V/V (fpm)	349	466	699	932	1165	1397	5.6% V/V (fpm)	425	567	851	1134	1418	1701	<b>34L/R</b>  (500+) - HSH (K250-) - PD315 - PD510 (9850+) - PD511 (FL118+) - PD512 (FL157+) - SS303 - SS504 - EKIMU - SASAN.  (500+) - HSH (K250-) - PD504 (5910+ or by ATC) - SS200 (9850+) - EKIMU - SASAN.
	Gnd speed-KT	75	100	150	200	250	300																													
	3.9% V/V (fpm)	296	395	592	790	987	1185																													
	4.6% V/V (fpm)	349	466	699	932	1165	1397																													
	5.6% V/V (fpm)	425	567	851	1134	1418	1701																													
<b>SAS 9 2D</b>																																				
<b>SAS 9 4D</b>																																				

120-30





Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

1. RADAR required.
2. RNAV 1.
3. GNSS or DME/DME/IRU required.
4. Turns before DER are prohibited.
5. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by ATIS.

Apt Elev  
**13**

SUR 91D, SUR 92D  
SUR 93D, SUR 94D



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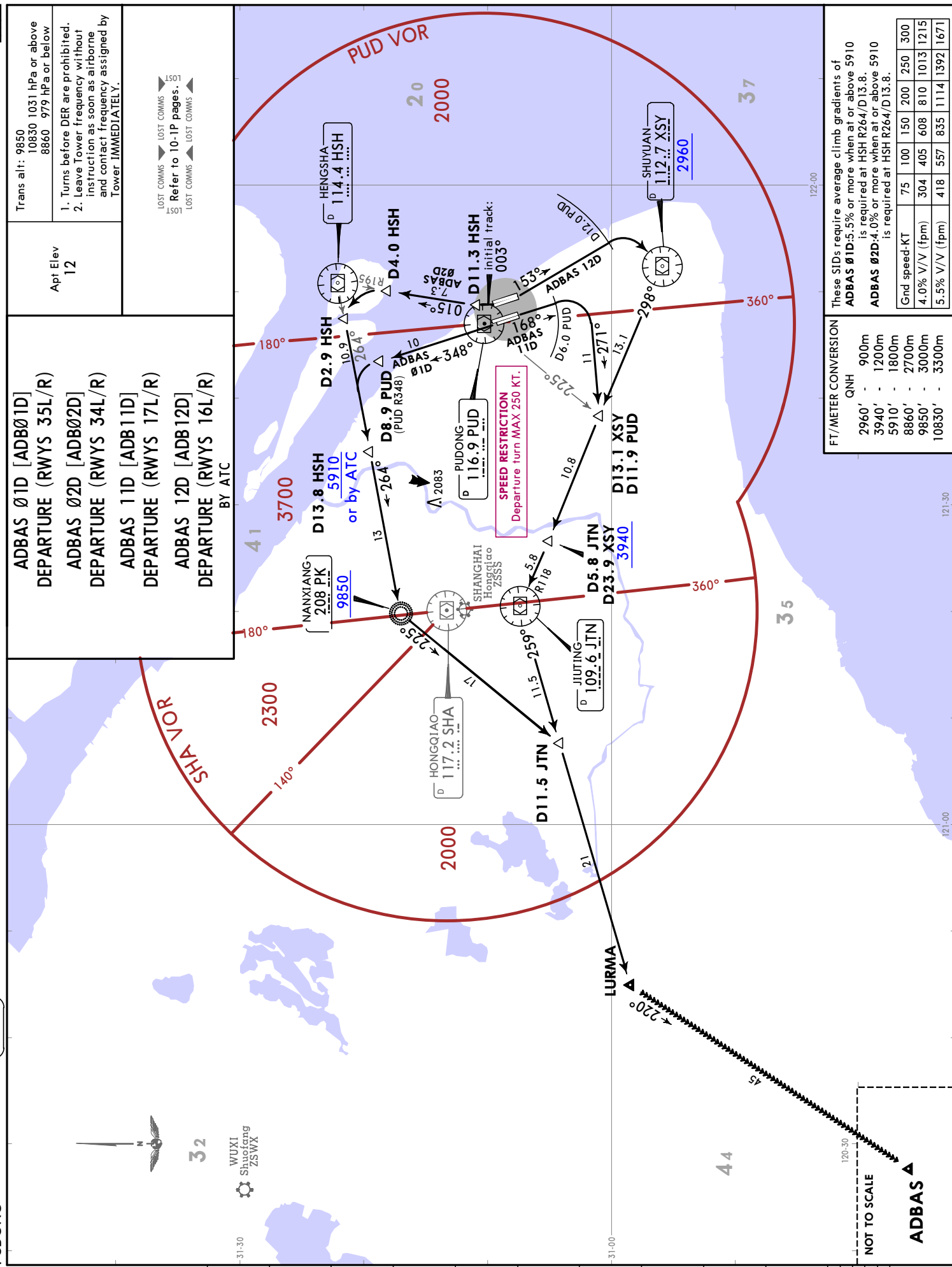
SHANGHAI, PR OF CHINA

ZSPD/PVG  
PUDONG

JEPPesen  
30 AUG 24 (20-3T3)

Eff 4 Sep 1600Z

SID



Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

Apt Elev  
12

1. Turns before DER are prohibited.  
2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

LOST COMMS  
Refer to 10-IP pages.  
LOST COMMS

These SIDs require average climb gradients of

ADBAS 01D: 5.5% or more when at or above 5910 is required at HSH R264/D13.8.

ADBAS 02D: 4.0% or more when at or above 5910 is required at HSH R264/D13.8.

Grnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215
5.5% V/V (fpm)	418	557	835	1114	1392	1671

FT/METER CONVERSION

QNH

2960'	900m
3940'	1200m
5910'	1800m
8860'	2700m
9850'	3000m
10830'	3300m

30 AUG 24

20-3T4

Eff 4 Sep 1600Z

JEPPESSEN

SHANGHAI, PR OF CHINA

SID

ZSPD/PVG

PUDONG

Trans alt: 9850

10830 1031 hPa or above

8860 979 hPa or below

1. Turns before DER are prohibited.

2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

Apt Elev

12

AND Ø1D

DEPARTURE

(RWYS 35L/R)

AND Ø2D

DEPARTURE

(RWYS 34L/R)

AND 11D

DEPARTURE

(RWYS 17L/R)

AND 12D

DEPARTURE

(RWYS 16L/R)

LOST COMMS

LOST COMMS

LOST COMMS

LOST COMMS

Refer to 10-1P pages.

FT/METER CONVERSION

QNH

1970' - 600m

2960' - 900m

6890' - 2100m

8860' - 2700m

9850' - 3000m

10830' - 3300m

These SIDs require average climb gradients of

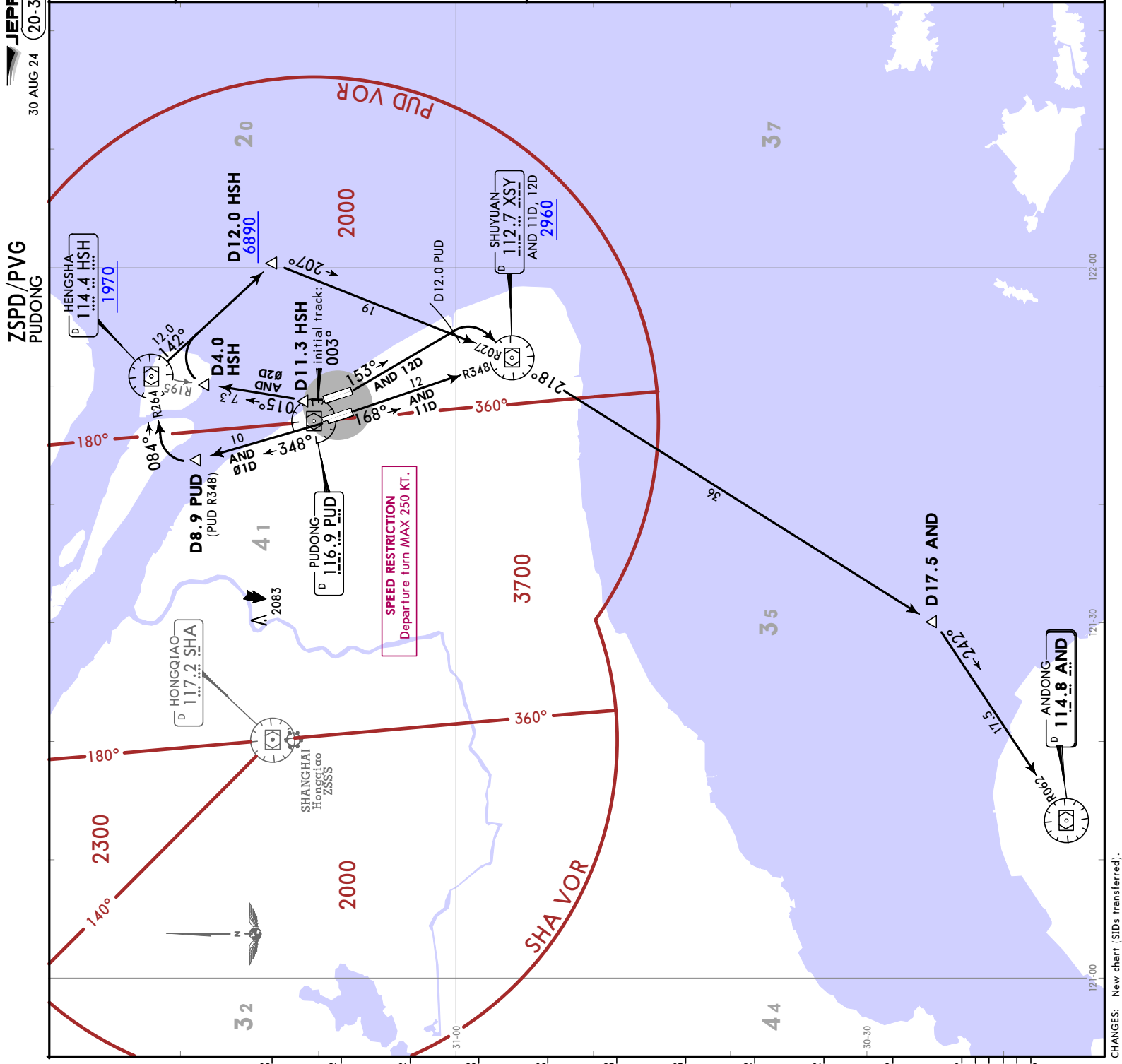
AND Ø1D

3.9% or more when at or above 6890 is required at HSH R142/D12.0.

AND Ø2D

5.5% or more when at or above 6890 is required at HSH R142/D12.0.

Grnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185
5.5% V/V (fpm)	418	557	835	1114	1392	1671



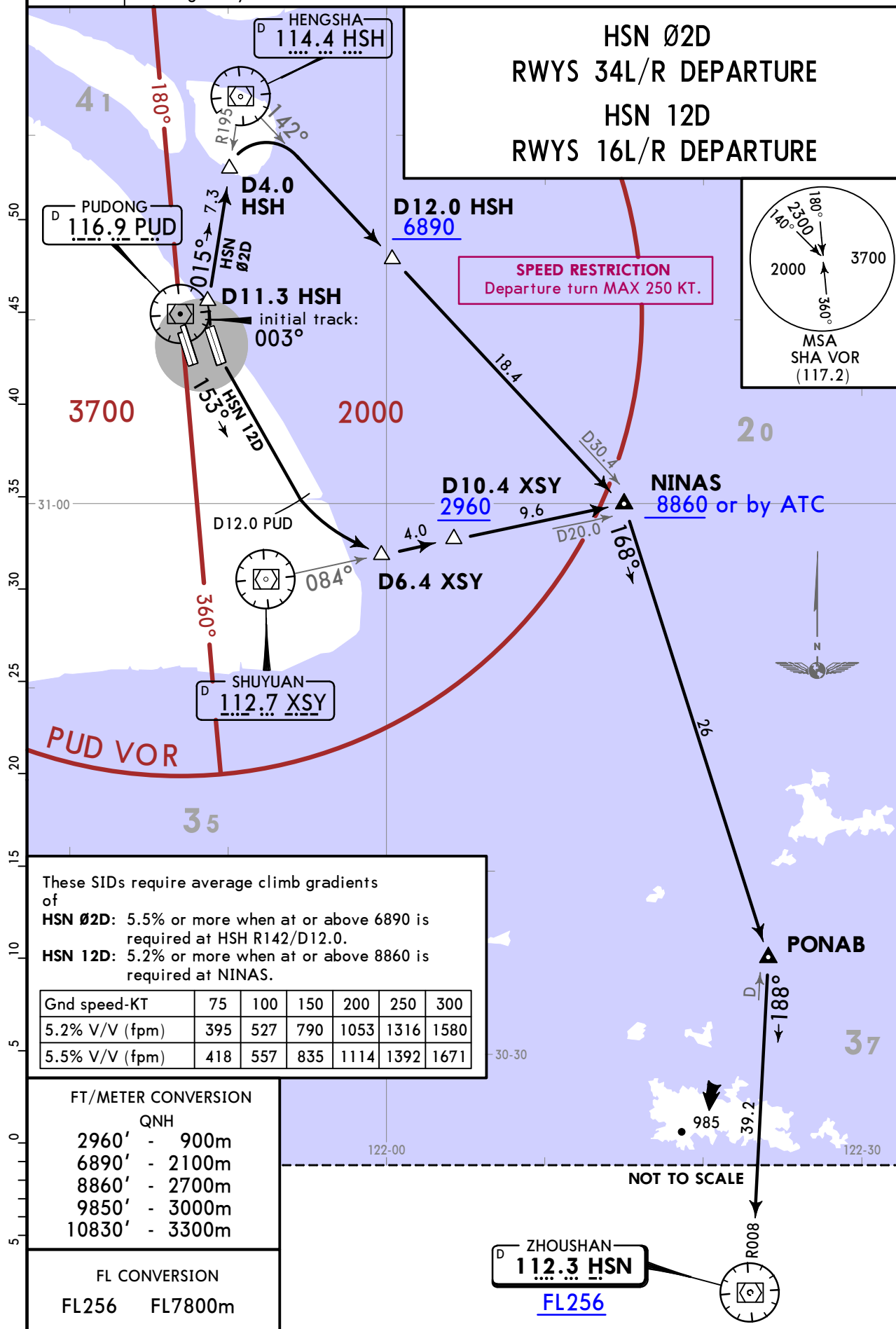
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**ZSPD/PVG**  
PUDONG

**JEPPESSEN SHANGHAI, PR OF CHINA**  
15 MAY 20 **(20-3T6)** **SID**

Apt Elev **13**  
Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below  
1. Turns before DER are prohibited.  
2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

**HSN Ø2D**  
**RWYS 34L/R DEPARTURE**  
**HSN 12D**  
**RWYS 16L/R DEPARTURE**





These SIDs require average climb gradients of

LAMEN Ø1D

5.0% or more when at or above 8210 is required at HSH R066/D9.6.

LAMEN Ø2D

6.0% or more when at or above 8210 is required at HSH R066/D9.6.

LAMEN Ø3D

3.9% or more when at or above 6890 is required at HSH R142/D12.0.

LAMEN Ø4D

5.5% or more when at or above 6890 is required at HSH R142/D12.0.

LAMEN 11D

4.5% or more when at or above 8860 is required at NINAS.

LAMEN 12D

5.2% or more when at or above 8860 is required at NINAS.

Gnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185
4.5% V/V (fpm)	342	456	684	911	1139	1367
5.0% V/V (fpm)	380	506	760	1013	1266	1519
5.2% V/V (fpm)	395	527	790	1053	1316	1580
5.5% V/V (fpm)	418	557	835	1114	1392	1671
6.0% V/V (fpm)	456	608	911	1215	1519	1823

Trans alt: 9850

10830 1031 hPa or above

8860 979 hPa or below

1. Turns before DER are prohibited.

2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

Apt Elev

13

FT/METER CONVERSION

QNH

1970' - 600m

2960' - 900m

6890' - 2100m

8210' - 2500m

8860' - 2700m

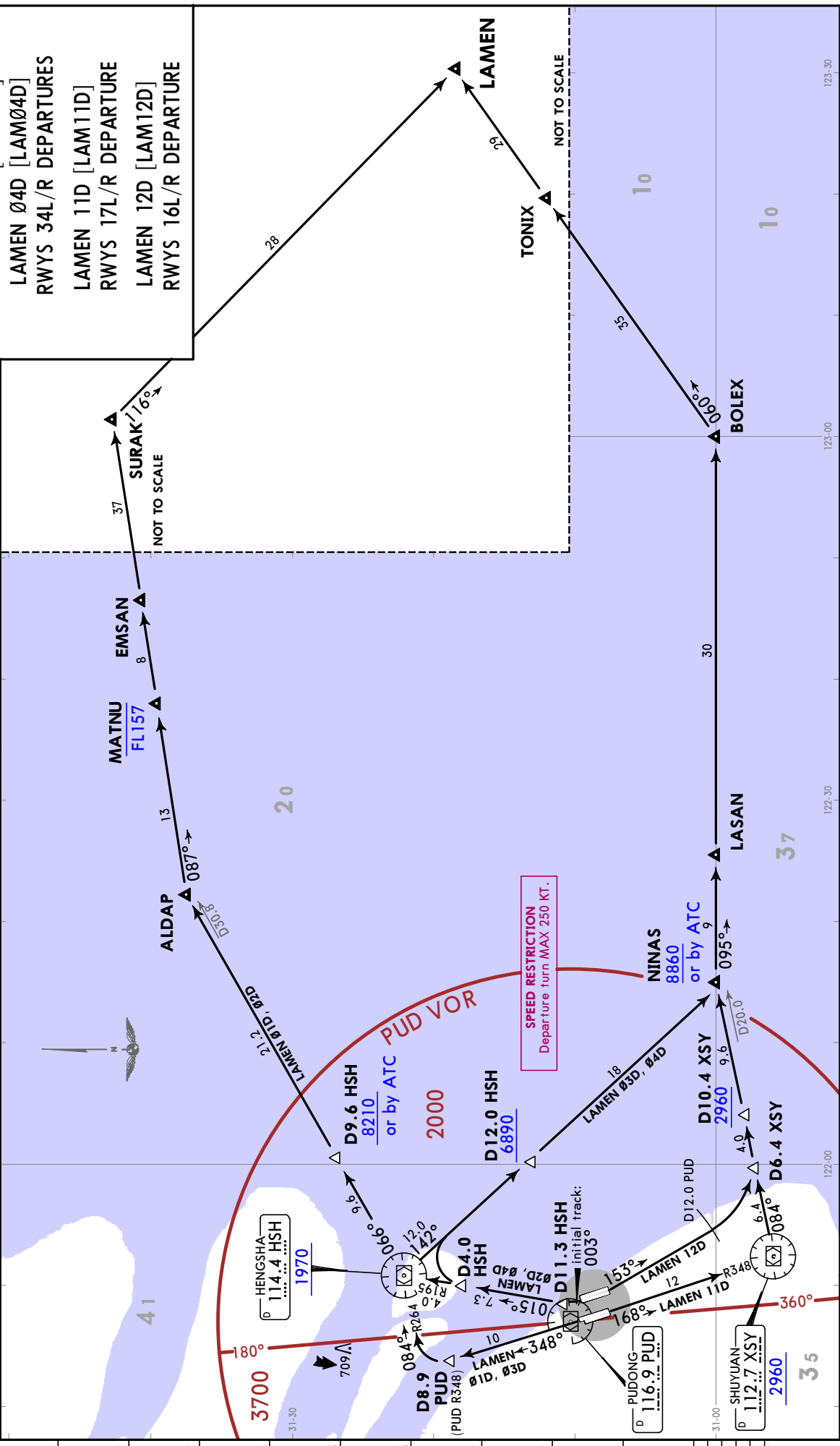
9850' - 3000m

10830' - 3300m

FL CONVERSION

FL157

FL4800m





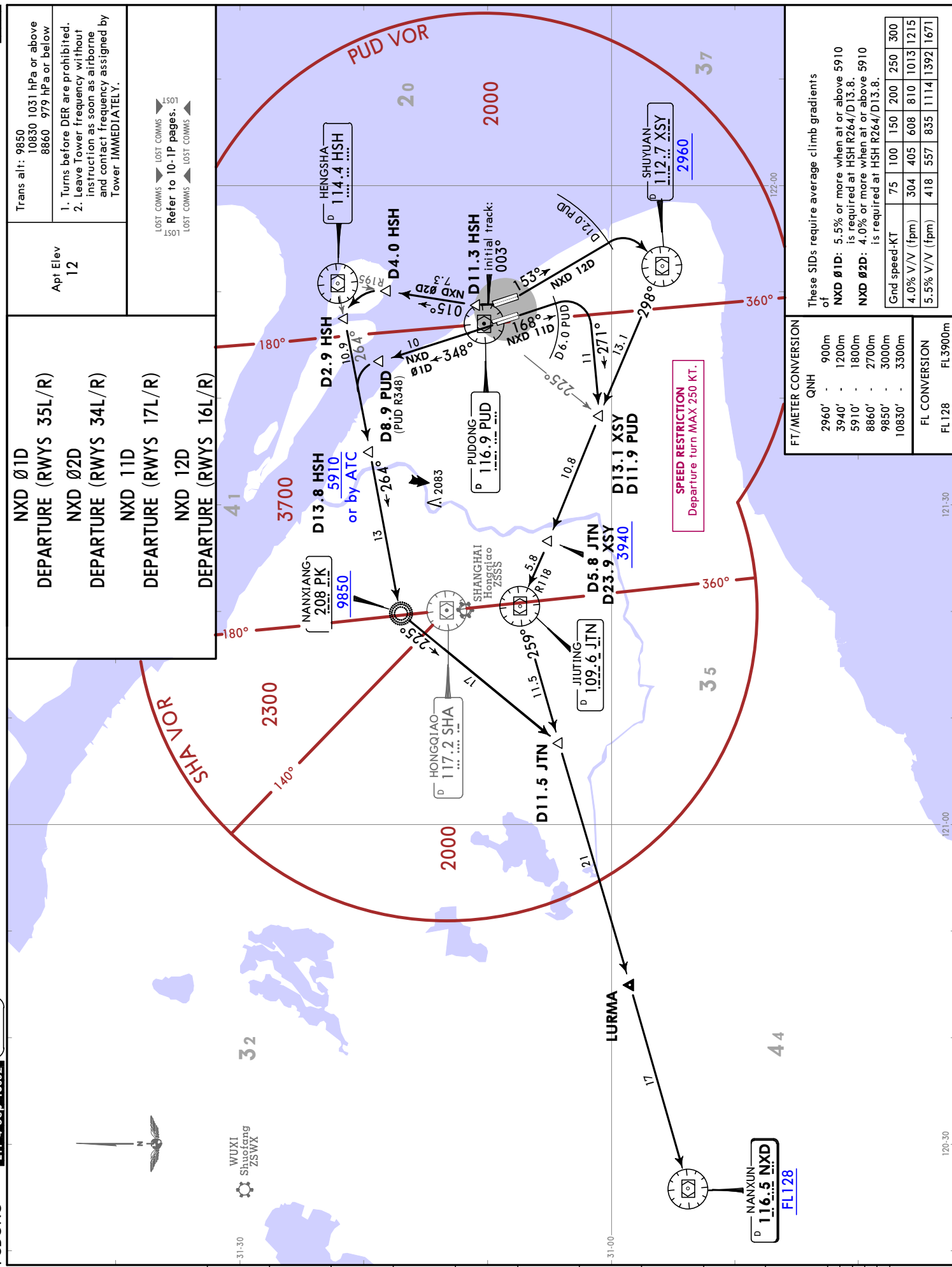


SHANGHAI, PR OF CHINA

SID

ZSPD/PVG  
PUDONG

JEPPesen  
30 AUG 24  
Eff 4 Sep 1600Z (20-3V1)



NXD Ø1D  
DEPARTURE (RWYS 35L/R)

NXD Ø2D  
DEPARTURE (RWYS 34L/R)

NXD 11D  
DEPARTURE (RWYS 17L/R)

NXD 12D  
DEPARTURE (RWYS 16L/R)

Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

Apt Elev  
12

1. Turns before DER are prohibited.  
2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

LOST COMMS  
LOST COMMS  
LOST COMMS  
Refer to 10-IP pages.  
LOST COMMS  
LOST COMMS

FT/METER CONVERSION	
QNH	
2960'	900m
3940'	1200m
5910'	1800m
8860'	2700m
9850'	3000m
10830'	3300m
FL CONVERSION	
FL 128	FL3900m

These SIDs require average climb gradients of	
NXD Ø1D:	5.5% or more when at or above 5910 is required at HSH R264/D13.8.
NXD Ø2D:	4.0% or more when at or above 5910 is required at HSH R264/D13.8.
Grnd speed-KT	
75	100
100	150
150	200
200	250
250	300
4.0% V/V (fpm)	
304	405
405	608
608	810
810	1013
1013	1215
5.5% V/V (fpm)	
418	557
557	835
835	1114
1114	1392
1392	1671

**ZSPD/PVG**  
**PUDONG**

**JEPPESSEN SHANGHAI, PR OF CHINA**  
30 AUG 24 **(20-3V2)** **Eff 4 Sep 1600Z** **SID**

Apt Elev  
12

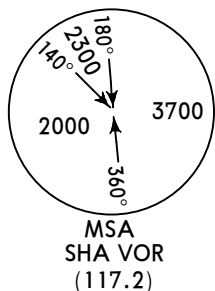
Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below  
1. Turns before DER are prohibited.  
2. Leave Tower frequency without instruction  
as soon as airborne and contact frequency  
assigned by Tower IMMEDIATELY.

LOST COMMS ▼ LOST COMMS ▼  
LOST Refer to 10-1P pages. LOST  
LOST COMMS ▲ LOST COMMS ▲

**ODULO Ø1D [ODUØ1D]**  
**DEPARTURES (RWYS 35L/R)**  
**ODULO Ø2D [ODUØ2D]**  
**DEPARTURES (RWYS 34L/R)**

**FT/METER CONVERSION**

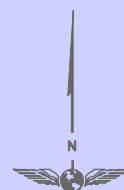
QNH  
1970' - 600m  
8210' - 2500m  
8860' - 2700m  
9850' - 3000m  
10830' - 3300m



**▲ ODULO**

NOT TO SCALE

**▲ IBEGI**



**▲ ALDAP**

**D HENGSHA**  
**114.4 HSH**

**1970**

**D9.6 HSH**  
**8210**  
or by ATC

**D8.9 PUD**  
(PUD R348)

**SPEED RESTRICTION**  
Departure turn MAX 250 KT.

**D11.3 HSH**  
initial track:  
003°

**D PUDONG**  
**116.9 PUD**

These SIDs require average climb gradients of

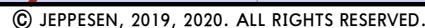
**ODULO Ø1D**

5.0% or more when at or above 8210 is required  
at HSH R066/D9.6.

**ODULO Ø2D**

6.0% or more when at or above 8210 is required  
at HSH R066/D9.6.

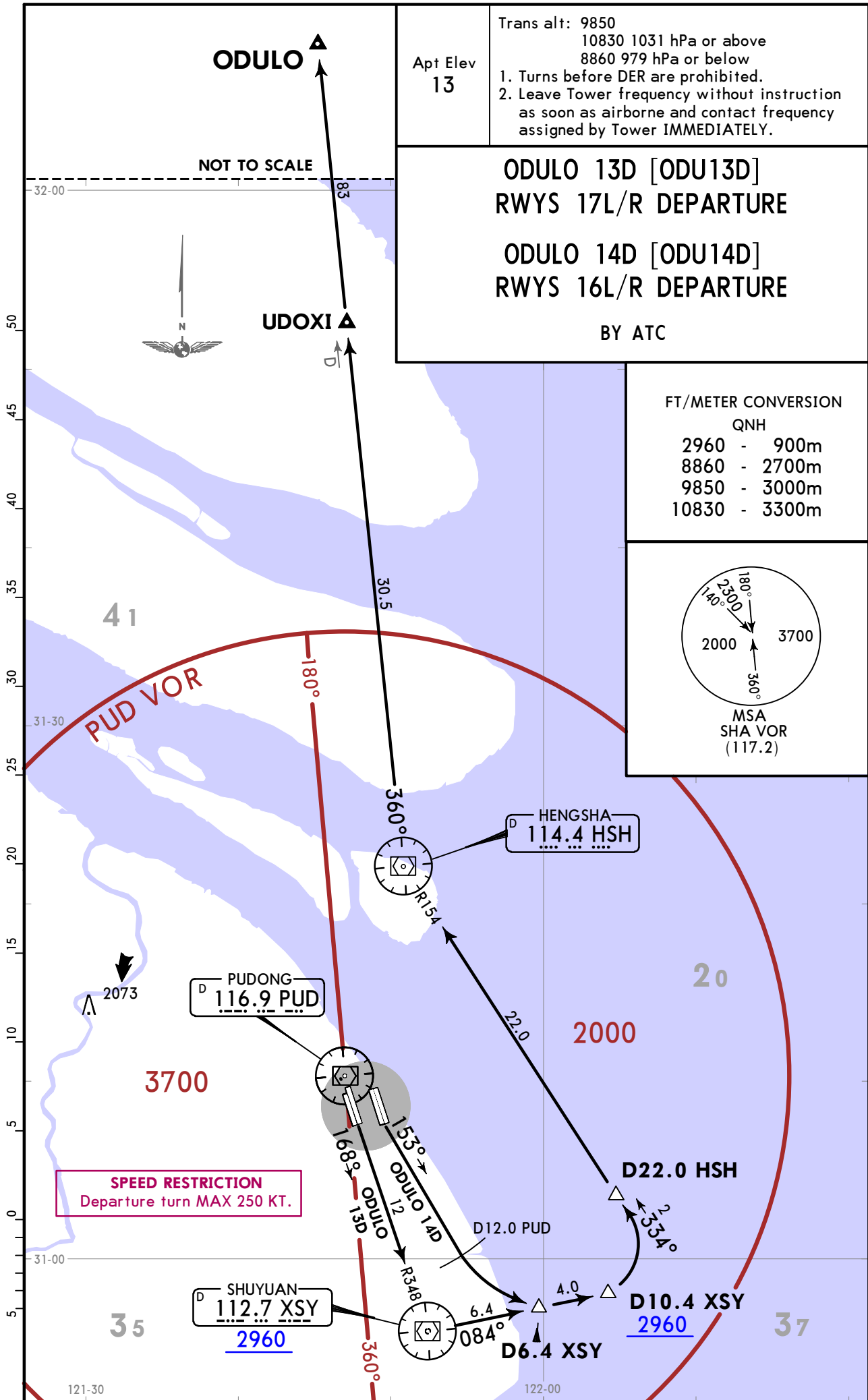
Gnd speed-KT	75	100	150	200	250	300
5.0% V/V (fpm)	380	506	760	1013	1266	1519
6.0% V/V (fpm)	456	608	911	1215	1519	1823





ZSPD/PVG  
PUDONG

JEPPESSEN SHANGHAI, PR OF CHINA  
15 MAY 20 (20-3V5) **SID**



ZSPD/PVG  
PUDONG

JEPPesen SHANGHAI, PR OF CHINA  
15 MAY 20 20-3V6

SID

Apt Elev  
13

Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

1. Turns before DER are prohibited.
2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

PIKAS 01D [PIK01D]  
RWYS 35L/R DEPARTURE  
PIKAS 11D [PIK11D]  
RWYS 17L/R DEPARTURE

FT/METER CONVERSION

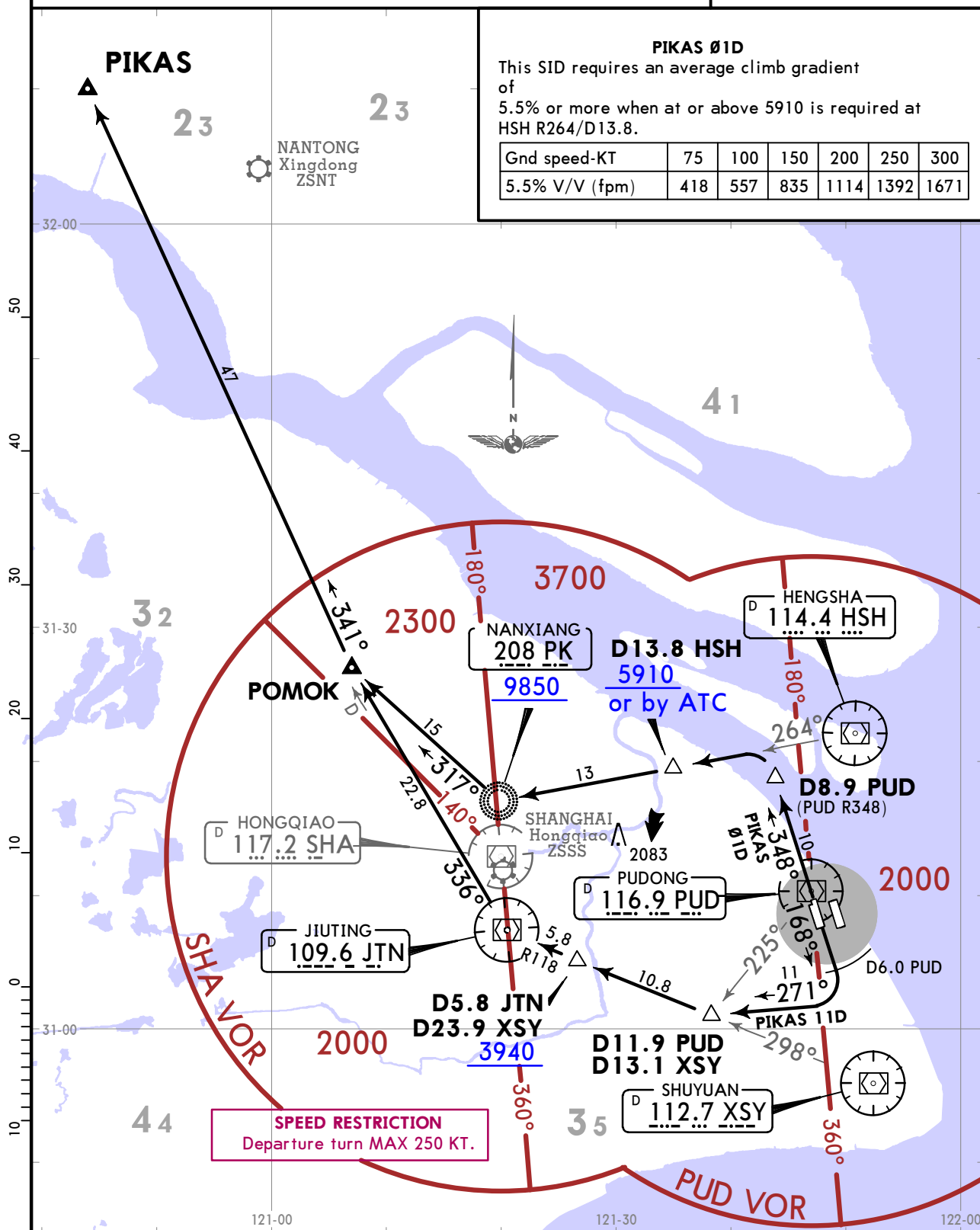
QNH

3940 - 1200m  
5910 - 1800m  
8860 - 2700m  
9850 - 3000m  
10830 - 3300m

PIKAS 01D

This SID requires an average climb gradient of 5.5% or more when at or above 5910 is required at HSH R264/D13.8.

Gnd speed-KT	75	100	150	200	250	300
5.5% V/V (fpm)	418	557	835	1114	1392	1671





ZSPD/PVG  
PUDONG

JEPPesen SHANGHAI, PR OF CHINA  
15 MAY 20 20-3V7

SID

Apt Elev  
13

Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

1. Turns before DER are prohibited.

2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

PIKAS 02D [PIK02D]  
RWYS 34L/R DEPARTURE  
PIKAS 12D [PIK12D]  
RWYS 16L/R DEPARTURE

PIKAS 02D

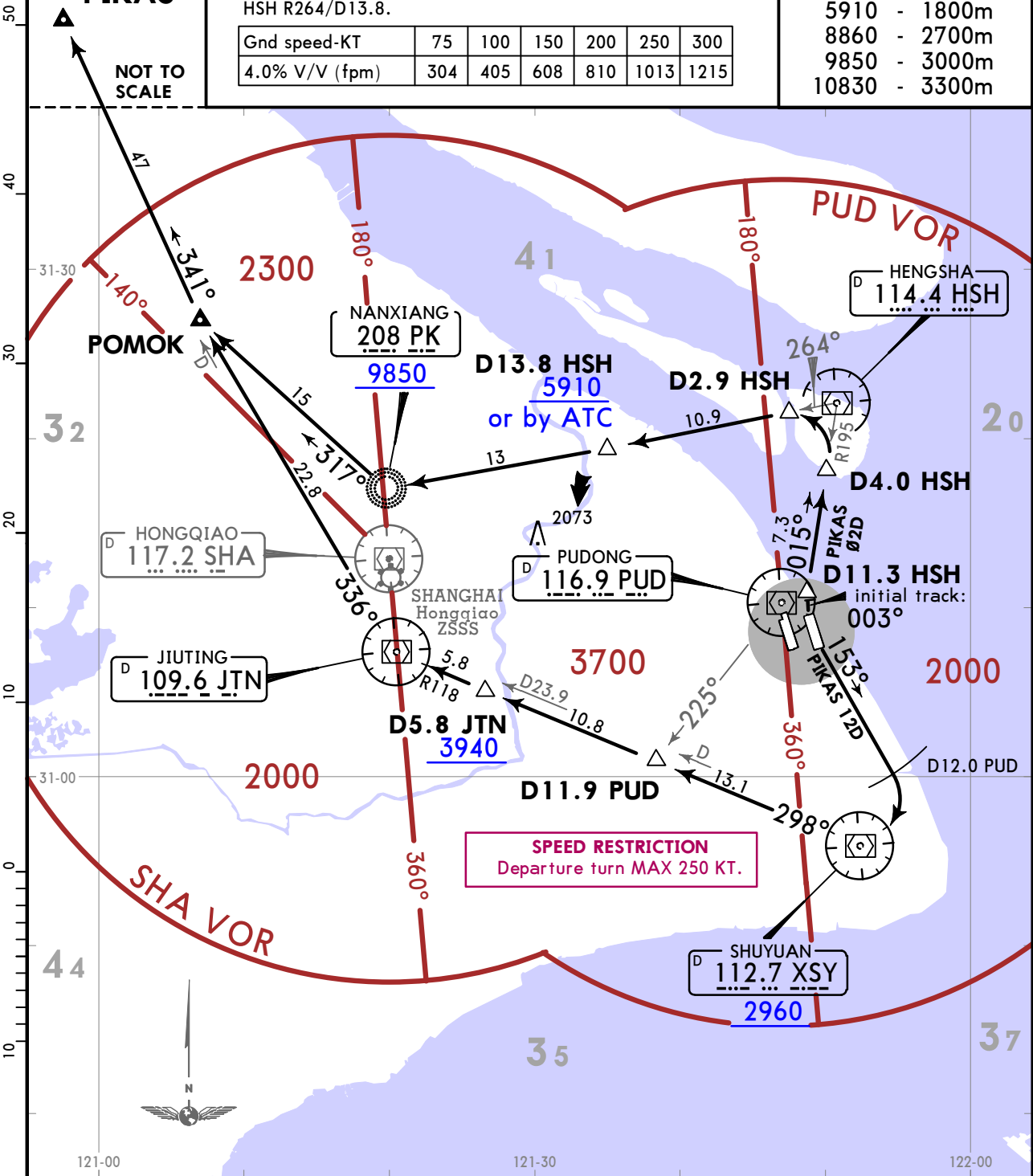
This SID requires an average climb gradient of 4.0% or more when at or above 5910 is required at HSH R264/D13.8.

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215

FT/METER CONVERSION

QNH

2960	-	900m
3940	-	1200m
5910	-	1800m
8860	-	2700m
9850	-	3000m
10830	-	3300m

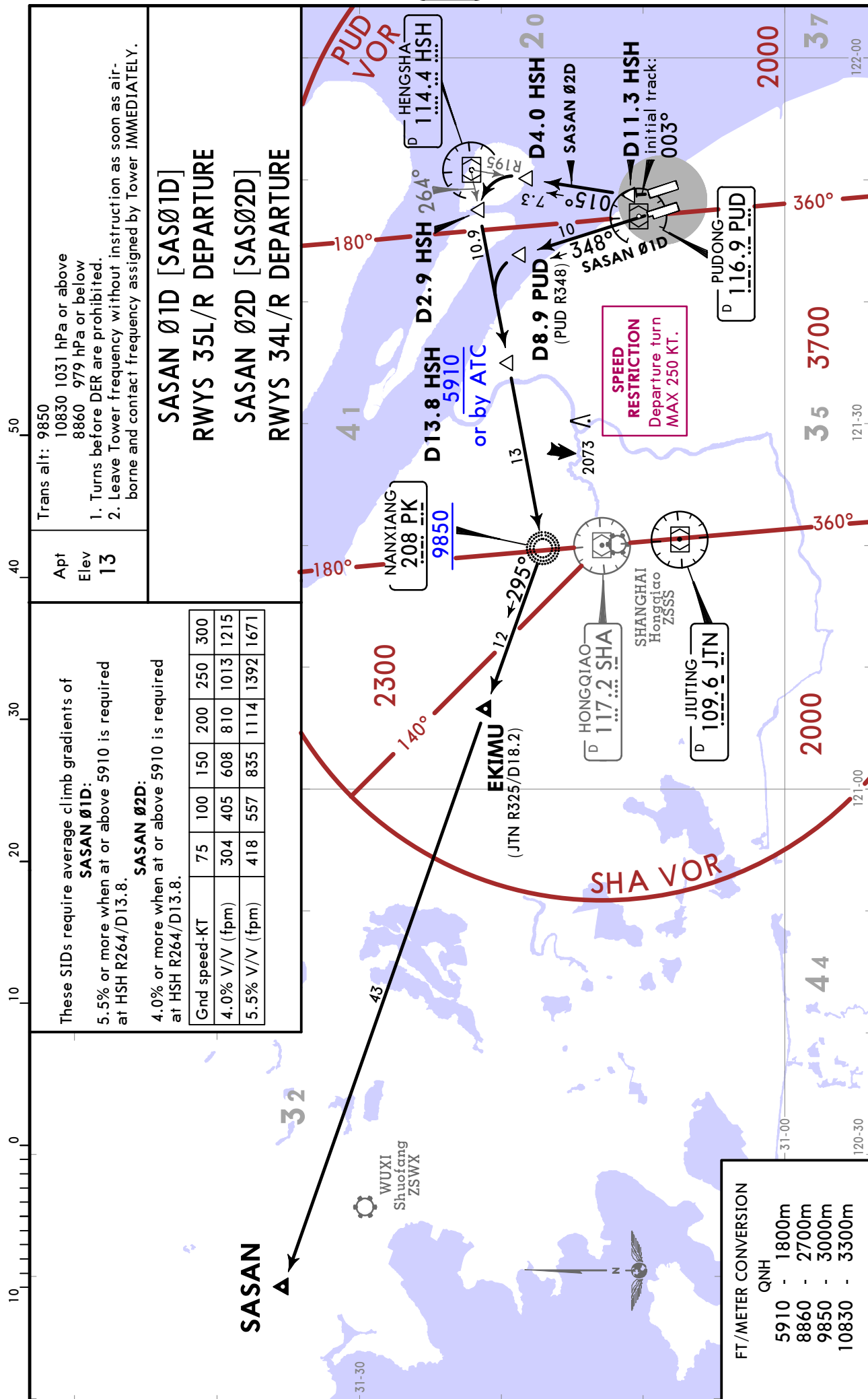






ZSPD/PVG  
PUDONG

JEPPESEN SHANGHAI, PR OF CHINA  
15 MAY 20 20-3X  
SID





SHANGHAI, PR OF CHINA

SID

ZSPD/PVG  
PUDONG

JEPPESSEN  
15 MAY 20  
20-3X3

These SIDs require average climb gradients of

**SURAK 01D**  
5.0% or more when at or above 8210 is required at HSH R066/D9.6.

**SURAK 02D**  
6.0% or more when at or above 8210 is required at HSH R066/D9.6.

**SURAK 11D**  
4.5% or more when at or above 8860 is required at NINAS.

**SURAK 12D**  
5.2% or more when at or above 8860 is required at NINAS.

Grnd speed-KT	75	100	150	200	250	300
4.5% V/V (fpm)	342	456	684	911	1139	1367
5.0% V/V (fpm)	380	506	760	1013	1266	1519
5.2% V/V (fpm)	395	527	790	1053	1316	1580
6.0% V/V (fpm)	456	608	911	1215	1519	1823

Trans alt: 9850  
10830 1031 hPa or above  
8860 979 hPa or below

1. Turns before DER are prohibited.  
2. Leave Tower frequency without instruction as soon as airborne and contact frequency assigned by Tower IMMEDIATELY.

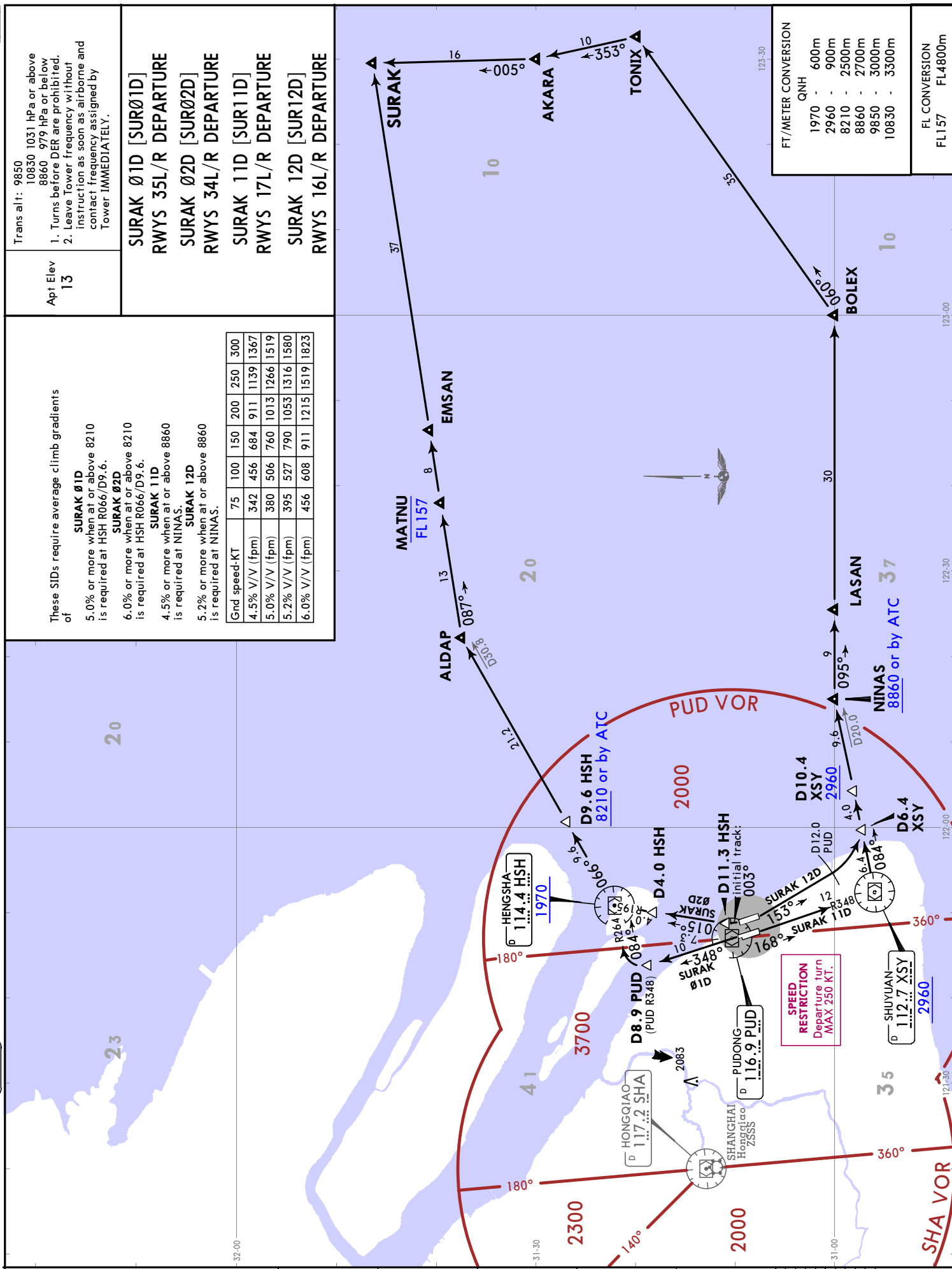
**SURAK 01D [SUR01D]**  
RWYS 35L/R DEPARTURE

**SURAK 02D [SUR02D]**  
RWYS 34L/R DEPARTURE

**SURAK 11D [SUR11D]**  
RWYS 17L/R DEPARTURE

**SURAK 12D [SUR12D]**  
RWYS 16L/R DEPARTURE

Apt Elev  
13





ZSPD/PVG  
PUDONG

JEPPESSEN SHANGHAI, PR OF CHINA  
15 MAY 20 20-3X4  
SID

