

**GENERAL****Operational Hours**

**ATS Hours / AD OPS Hours / AD ADMIN Hours:** H24

**Airport Information**

**RFF:** CAT 8

**PCN:** RWY 05/23: 80/R/B/W/T

**Operation****TWY Restriction**

TWY A1-A4 MAX wingspan below 52m / 171ft.

**Taxi/Parking**

Taxiing to stands 203A, 205 and 206 via TWY B3 only.

Code letter E ACFT parking at stands 203A, 205 and 206 must taxi out via TWY B3 only.

**Warnings**

**YCS VOR** unusable:

R196 between 17.9-18.5NM

R007 between 20.3-21.3NM (DEP only)

**FZ NDB** unusable:

248° between 11-13NM

250° between 10-12NM

AD has a complex airspace environment. There are some generators nearby and high mountains in the west and south bound.

Birds in vicinity of AD.

**ARRIVAL****Communication****COM Failure**

ACFT COM failure: If radio receiver AVBL: follow instruction to fly.

If radio receiver not AVBL: continue APCH according to following PROC and land ASAP. If condition of airport is not AVBL, pilot decide to return or ALT.

- LDG to north: APCH according to the last command by ATC: land according to RWY 05 STAR if it has passed IAF and joined procedure, maintain the designated ALT and fly to IAF to join standard HLDG procedure if it has not passed IAF, descend to the initial APCH altitude and land according RWY 05 IAP when has passed IAF twice.
- LDG to south: APCH according to the last command by ATC: land according to RWY 23 STAR if it has passed IAF and joined procedure, maintain the designated ALT and fly to YCS to join standard HLDG procedure if it has not passed IAF, then descend and maintain on QNH 1800m , land according RWY 23 IAP when has passed YCS.

Aerodrome COM failure:

If COM can not be established with AD control unit, contact previous control unit, and follow instructions.

**Arrival Procedure****VFR Traffic Pattern**

TFC circuits shall be made to the west of RWY, at 450m / 1476ft for code letter A/B ACFT; at 550m / 1804ft for code letter C/D ACFT.

## DEPARTURE

## Take-off Minima

RWY		05		
All ACFT	ft - m/km	0 - 200R	REDL+RCLL+RENL, LVP	
		0 - 400R/800v	REDL	
		0 - 500R/800v	wo LGT, HJ only	
RWY		23		
All ACFT	ft - m/km	0 - 200R	REDL+RCLL+RENL, LVP	
		0 - 400R/800v	REDL	MNM climb gradient 3.7%
		0 - 500R/800v	wo LGT, HJ only	
		c960 - 5000v	If climb gradient is less than 3.7%	

## De-Icing

AVBL

06-SEP-2018

## YNT-ZSYT

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AGC

**AFC**

# AFC

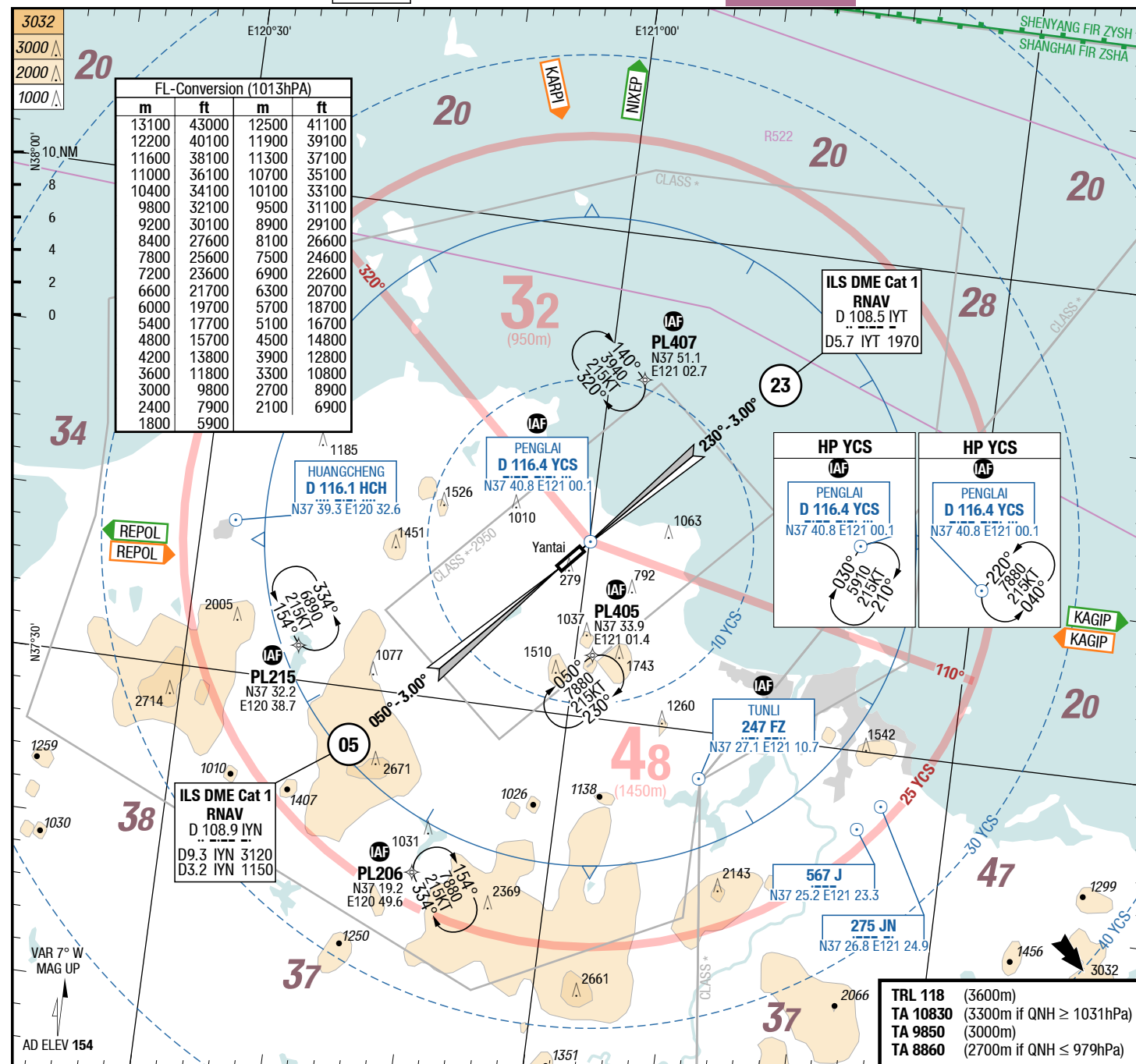
# AFC

# Penglai **Yantai** China

AGC

**AFC**

2-10



ATIS	126.450	
APP	119.150	120.850
TWR	118.450	118.100
GND	121.600	

**Landing RWY system:**

05 HL-P1F **THR 154 (6hPa) / TDZ** --- (---%) -0.1%

60 HL  
30 HL  
45 x 3400  
3.0°  
+0.1% TDZ --- (---%) / THR 144 (5hPa) HL-P1F

<b>TRL 118</b>	(3600m)
<b>TA 10830</b>	(3300m if QNH $\geq$ 1031hPa)
<b>TA 9850</b>	(3000m)
<b>TA 8860</b>	(2700m if QNH $\leq$ 979hPa)

Effective 13-SEP-2018

06-SEP-2018

YNT-ZSYT

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AGC

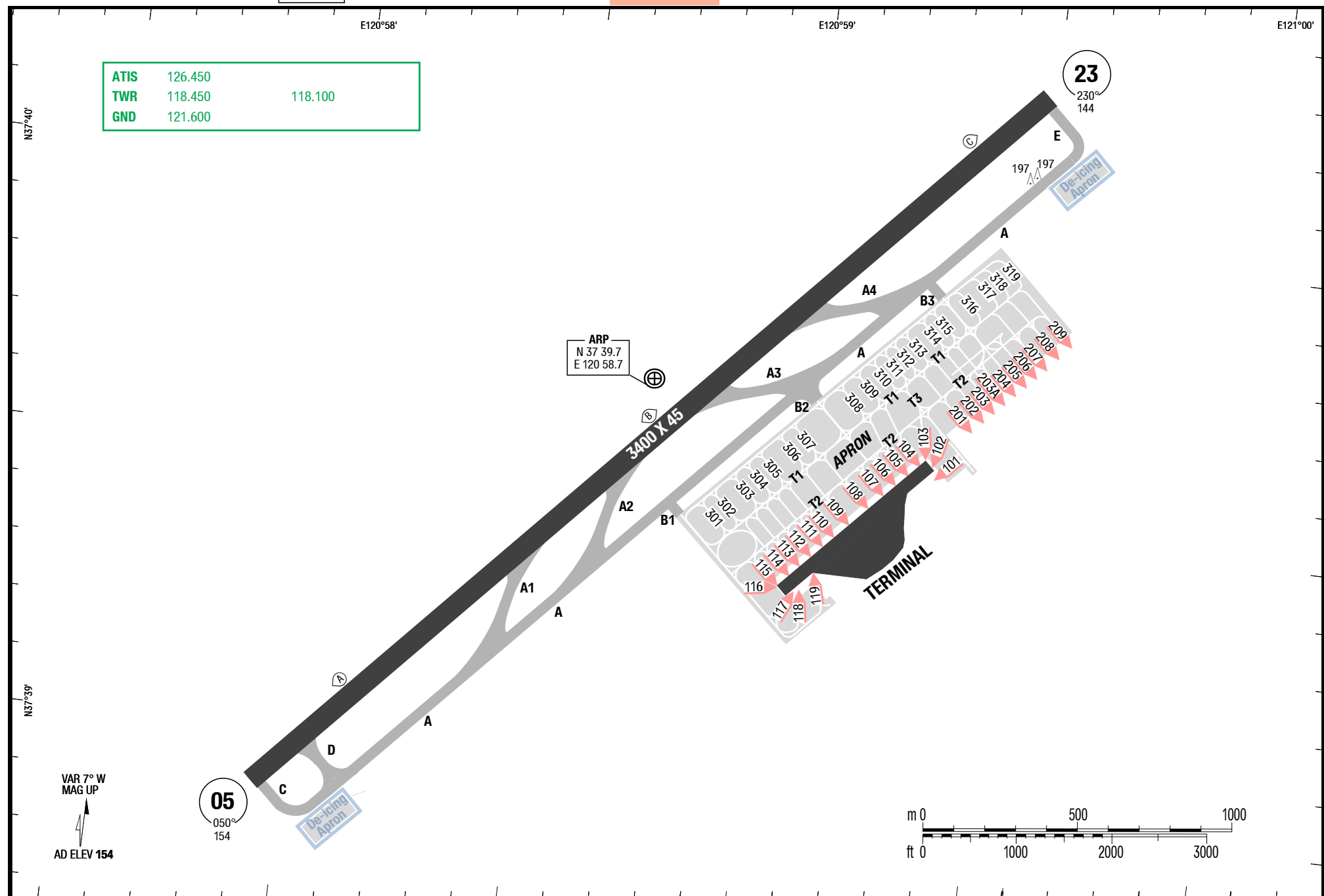
AGC

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Penglai Yantai China

AGC

3-20



Changes: APN, Parking Stands 206-209, 316-319

05-OCT-2017

## YNT-ZSYT

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## RNAV SIDs RWY 23

## RNAV SIDs RWY 05

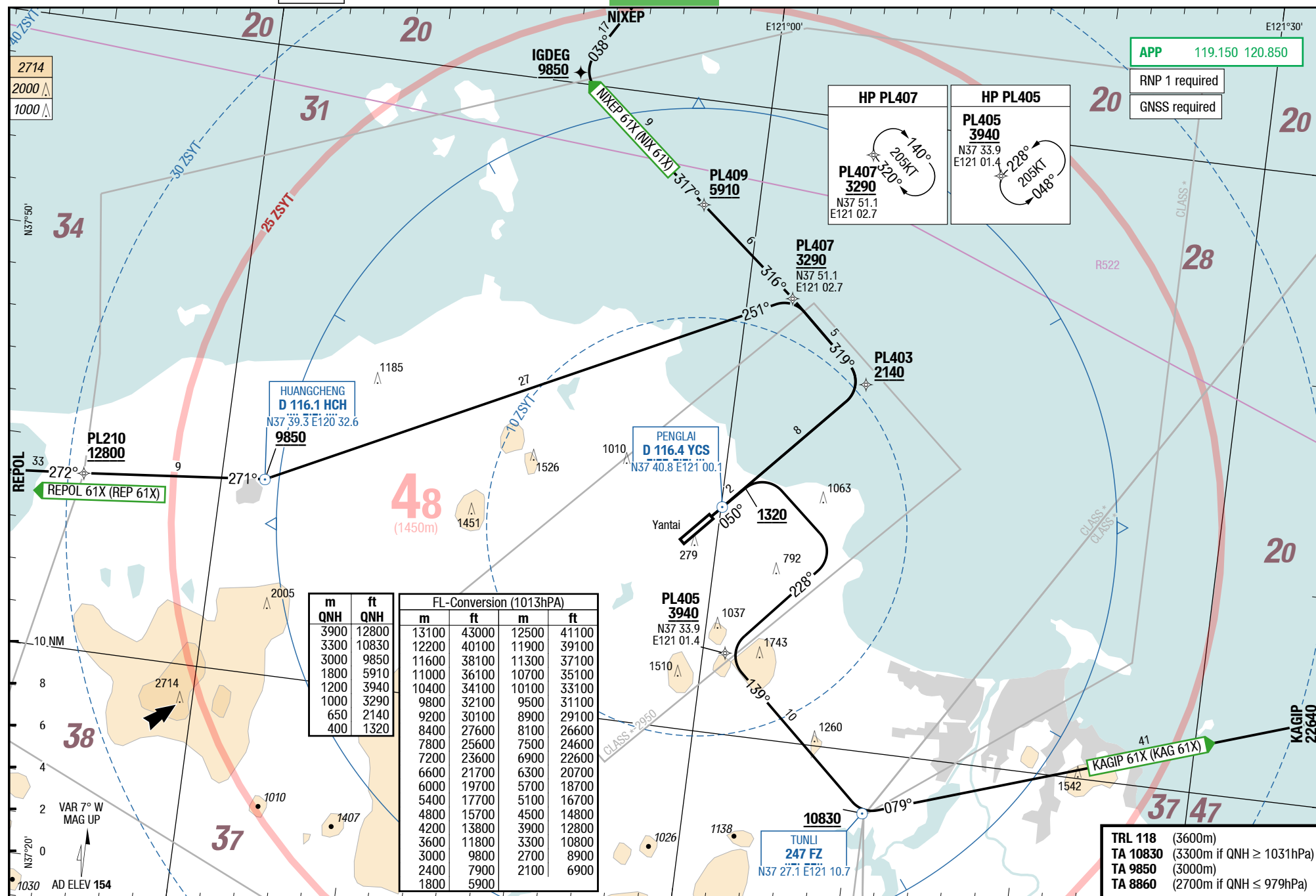
SID

SID

# Penglai **Yantai** China

RNAV SIDs RWY 23

## RNAV SIDs RWY 05



Changes: ALT, OBST, Note, Editorial

Effective 12-OCT-2017

05-OCT-2017

YNT-ZSYT

4-20

China Yantai Penglai

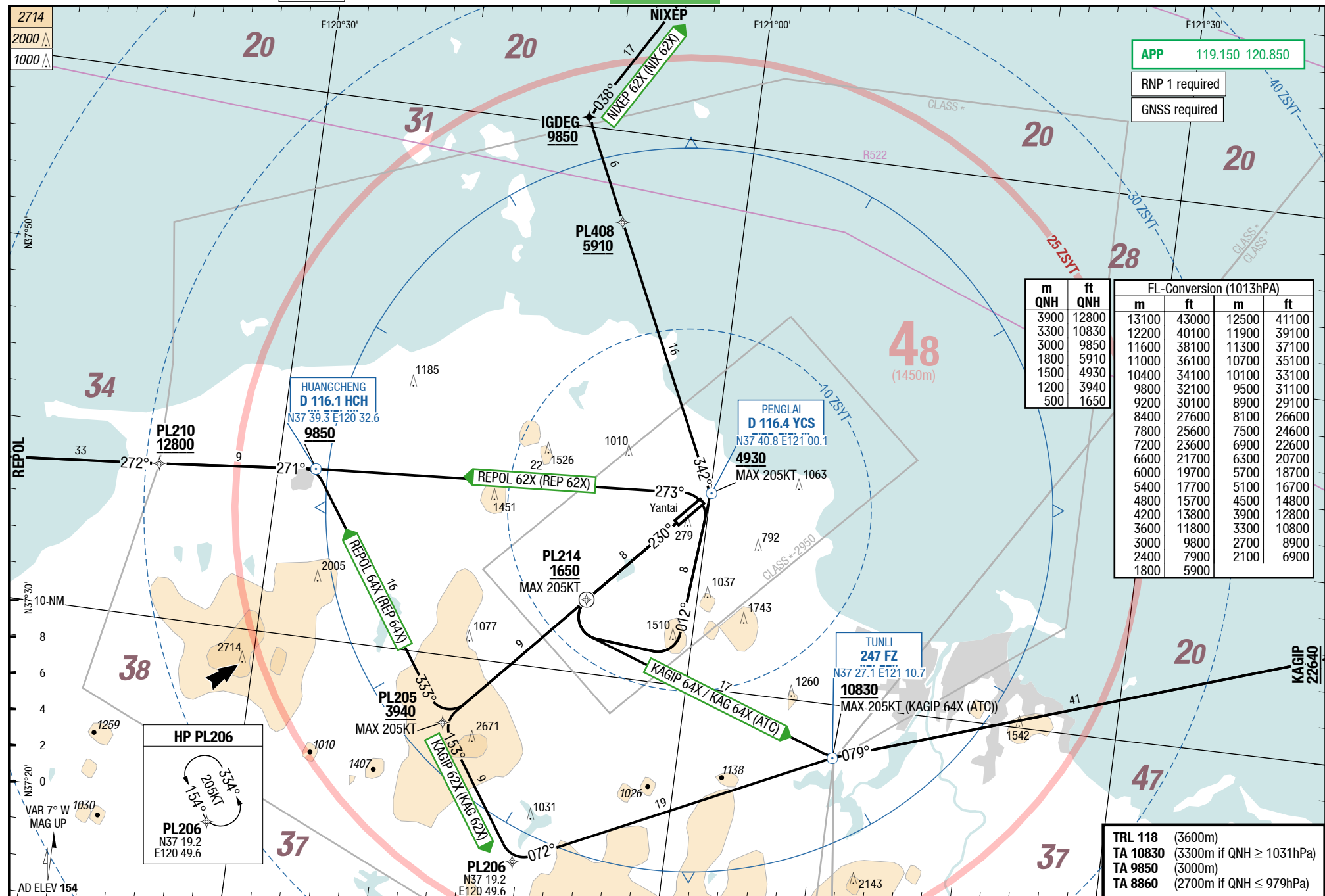
RNAV SIDs RWY 23

SID

SID

Penglai Yantai China

RNAV SIDs RWY 23



Changes: OBST, Editorial

05-OCT-2017

# YNT-ZSYT

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SIDs RWY 05 HCH U/S

## SIDs RWY 05

SID

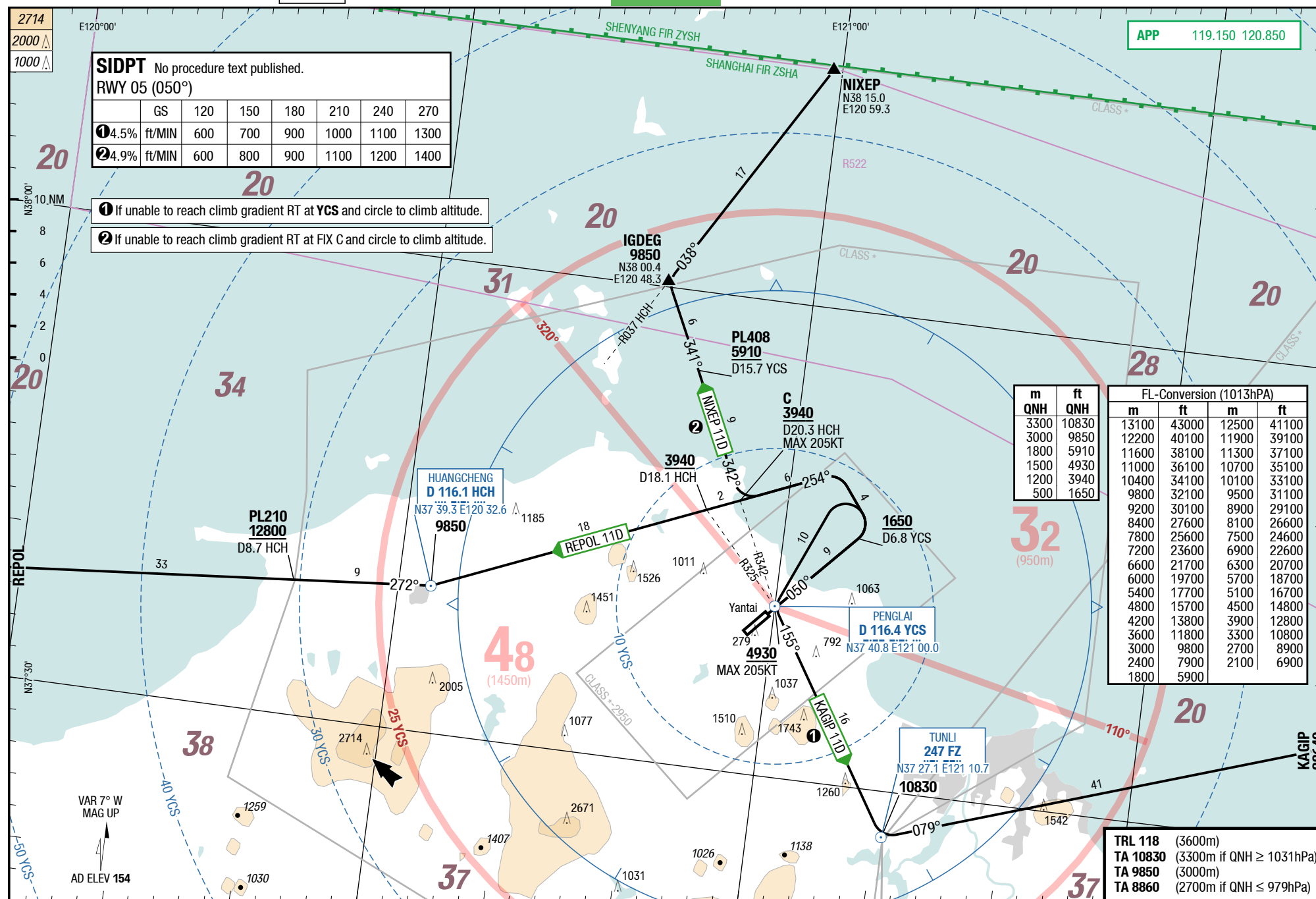
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SIDs RWY 05 HCH U/S

## SIDs RWY 05

4-30





Effective 12-OCT-2017

05-OCT-2017

YNT-ZSYT

4-40

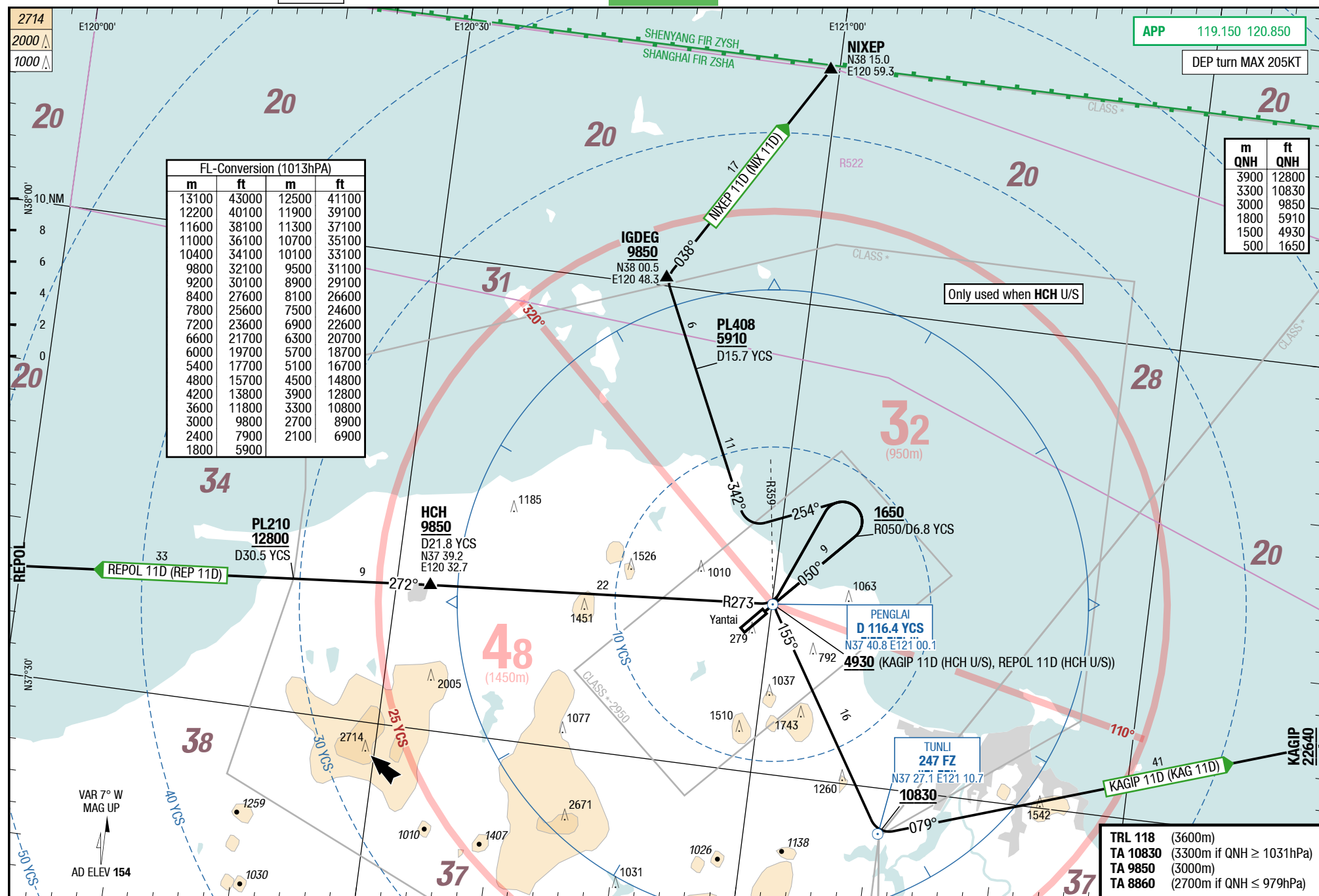
SIDs RWY 05 HCH U/S

SID

SID

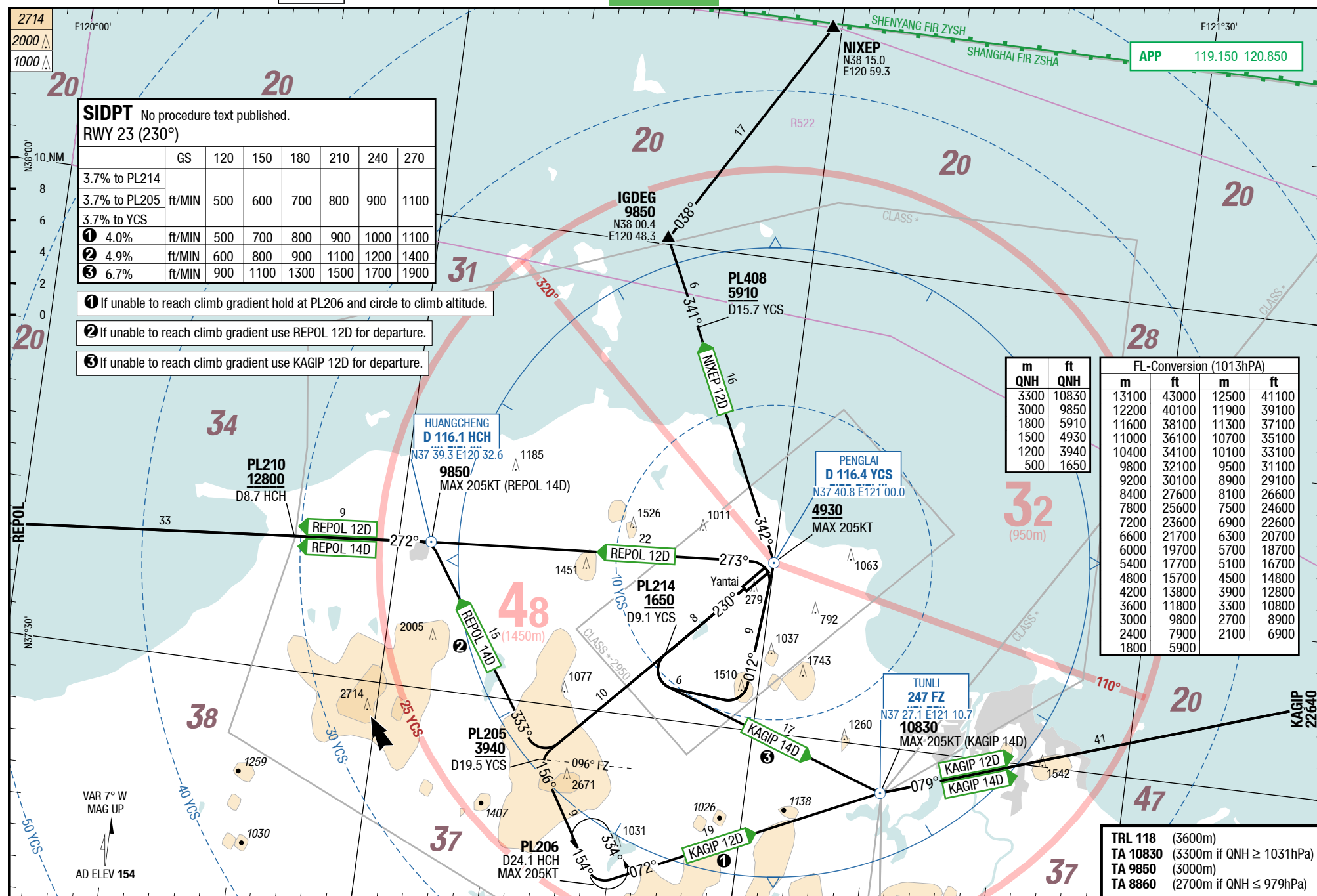
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SIDs RWY 05 HCH U/S



Changes: new





Effective 12-OCT-2017

05-OCT-2017

YNT-ZSYT

4-60

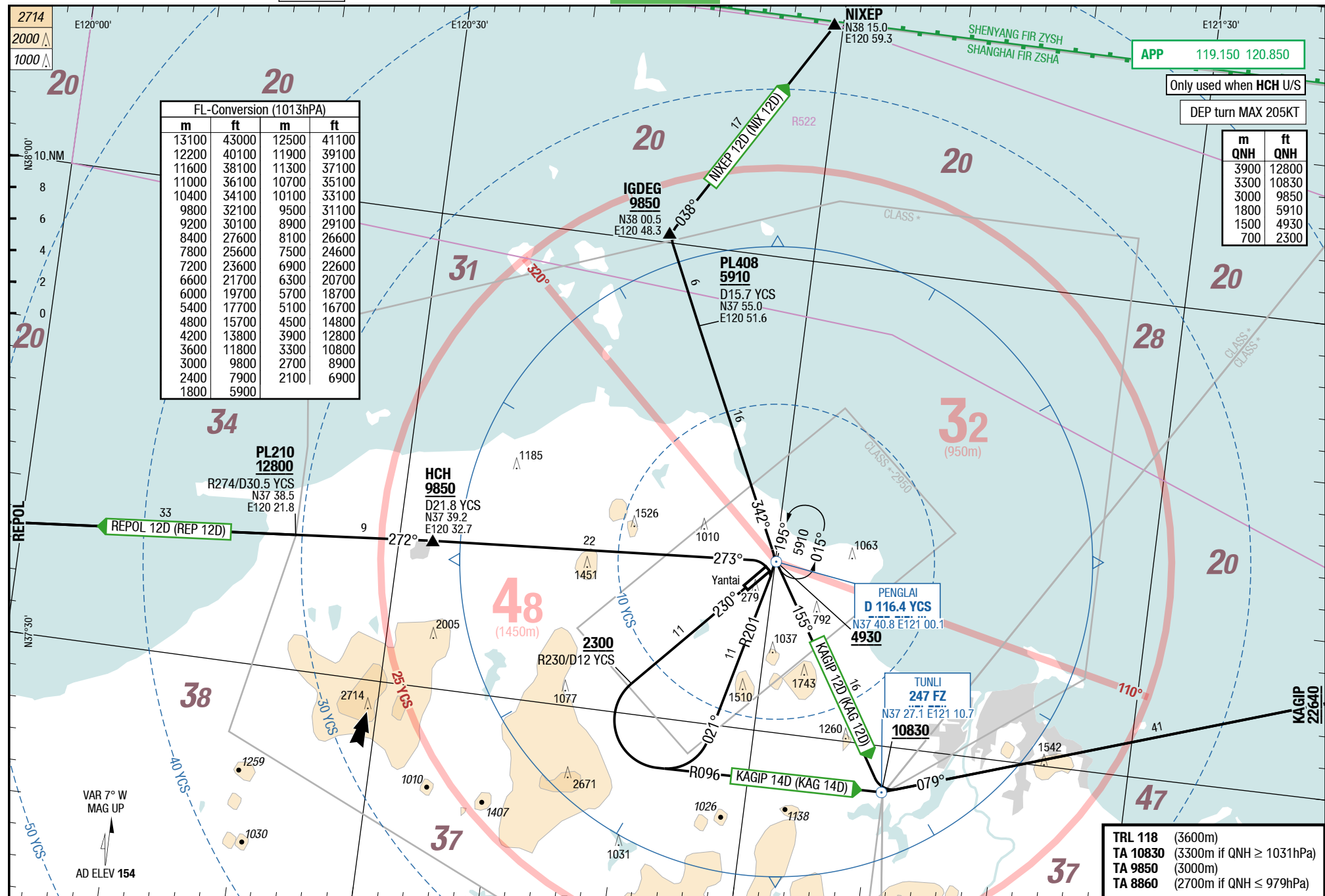
SIDs RWY 23 HCH U/S

SID

SID

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SIDs RWY 23 HCH U/S



Changes: new

**KAGIP 61X / NIXEP 61X / REPOL 61X**

RWY 05 (050°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 05</b>	
<b>KAGIP 61X</b> <b>KAG 61X</b> 5.5% <b>119.150</b> ②	No procedure text published	PL405 MNM <b>3940</b> FZ MNM <b>10830</b> KAGIP MNM <b>22640</b>
<b>NIXEP 61X</b> <b>NIX 61X</b> 5.5% <b>119.150</b> ①	No procedure text published	PL403 MNM <b>2140</b> PL407 MNM <b>3290</b> PL409 MNM <b>5910</b> IGDEG MNM <b>9850</b>
<b>REPOL 61X</b> <b>REP 61X</b> <b>119.150</b>	No procedure text published	PL403 MNM <b>2140</b> PL407 MNM <b>3290</b> HCH MNM <b>9850</b> PL210 MNM <b>12800</b>

① If unable to comply with climb gradient, ACFT shall climb in HLDG at PL407.

② If unable to comply with climb gradient, ACFT shall climb in HLDG at PL405.

**KAGIP 62X / KAGIP 64X (ATC) / NIXEP 62X / REPOL 62X / REPOL 64X**  
RWY 23 (230°)

	GS	120	150	180	210	240	270
3.7%	ft/MIN	500	600	700	800	900	1100
4.0%	ft/MIN	500	700	800	900	1000	1100
4.9%	ft/MIN	600	800	900	1100	1200	1400
6.7%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 23</b>	
<b>KAGIP 62X</b> <b>KAG 62X</b> 3.7% to PL205 4.0% <b>119.150</b> ①	No procedure text published	PL214 MNM <b>1650</b> PL205 MNM <b>3940</b> FZ MNM <b>10830</b> KAGIP MNM <b>22640</b>
<b>KAGIP 64X (ATC)</b> <b>KAG 64X (ATC)</b> 3.7% to PL214 6.7% <b>119.150</b> ③	No procedure text published	PL214 MNM <b>1650</b> FZ MNM <b>10830</b> KAGIP MNM <b>22640</b>
<b>NIXEP 62X</b> <b>NIX 62X</b> 3.7% to YCS <b>119.150</b>	No procedure text published	PL214 MNM <b>1650</b> YCS MNM <b>4930</b> PL408 MNM <b>5910</b> IGDEG MNM <b>9850</b>
<b>REPOL 62X</b> <b>REP 62X</b> 3.7% to YCS <b>119.150</b>	No procedure text published	PL214 MNM <b>1650</b> YCS MNM <b>4930</b> HCH MNM <b>9850</b> PL210 MNM <b>12800</b>
<b>REPOL 64X</b> <b>REP 64X</b> 3.7% to PL205 4.9% <b>119.150</b> ②	No procedure text published	PL214 MNM <b>1650</b> PL205 MNM <b>3940</b> HCH MNM <b>9850</b> PL210 MNM <b>12800</b>

① If unable to comply with climb gradient, ACFT shall climb in HLDG at PL206.

② If unable to comply with climb gradient, ACFT shall use REPOL 62X for departure.

③ If unable to comply with climb gradient, ACFT shall use KAGIP 62X for departure.

**KAGIP 11D / NIXEP 11D / REPOL 11D**

RWY 05 (050°)

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

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 05</b>	
<b>KAGIP 11D</b> <b>KAG 11D</b> 4.5% <b>119.150</b> ①②	No procedure text published	R050/D6.8 <b>YCS MNM 1650</b> <b>YCS MNM 4930</b> <b>FZ MNM 10830</b> <b>KAGIP MNM 22640</b>
<b>NIXEP 11D</b> <b>NIX 11D</b> <b>119.150</b> ①	No procedure text published	R050/D6.8 <b>YCS MNM 1650</b> PL408 MNM <b>5910</b> IGDEG MNM <b>9850</b>
<b>REPOL 11D</b> <b>REP 11D</b> <b>119.150</b> ①	No procedure text published	R050/D6.8 <b>YCS MNM 1650</b> <b>YCS MNM 4930</b> HCH MNM <b>9850</b> PL210 MNM <b>12800</b>

① DEP turn MAX 205KT.

② If unable to comply with climb gradient, ACFT shall RT at YCS and circle to climb altitude.

**KAGIP 12D / KAGIP 14D / NIXEP 12D / REPOL 12D**

RWY 23 (230°)

	GS	120	150	180	210	240	270
3.7%	ft/MIN	500	600	700	800	900	1100
5.8%	ft/MIN	800	900	1100	1300	1500	1600

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 23</b>	
<b>KAGIP 12D</b> <b>KAG 12D</b> 3.7% to YCS <b>119.150</b> ①	No procedure text published	R230/D12 <b>YCS MNM 2300</b> <b>YCS MNM 4930</b> <b>FZ MNM 10830</b> <b>KAGIP MNM 22640</b>
<b>KAGIP 14D</b> <b>KAG 14D</b> 3.7% to D12 YCS 5.8% <b>119.150</b> ①②	No procedure text published	R230/D12 <b>YCS MNM 2300</b> <b>FZ MNM 10830</b> <b>KAGIP MNM 22640</b>
<b>NIXEP 12D</b> <b>NIX 12D</b> 3.7% to YCS <b>119.150</b> ①	No procedure text published	R230/D12 <b>YCS MNM 2300</b> <b>YCS MNM 4930</b> <b>PL408 MNM 5910</b> <b>IGDEG MNM 9850</b>
<b>REPOL 12D</b> <b>REP 12D</b> 3.7% to YCS <b>119.150</b> ①	No procedure text published	R230/D12 <b>YCS MNM 2300</b> <b>YCS MNM 4930</b> <b>HCH MNM 9850</b> <b>PL210 MNM 12800</b>

① DEP turn MAX 205KT.

② If unable to reach climb gradient, ACFT shall use KAG 12D for departure.



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YNT-ZSYT

6-10

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RNAV STARs RWY 23

RNAV STARs RWY 05

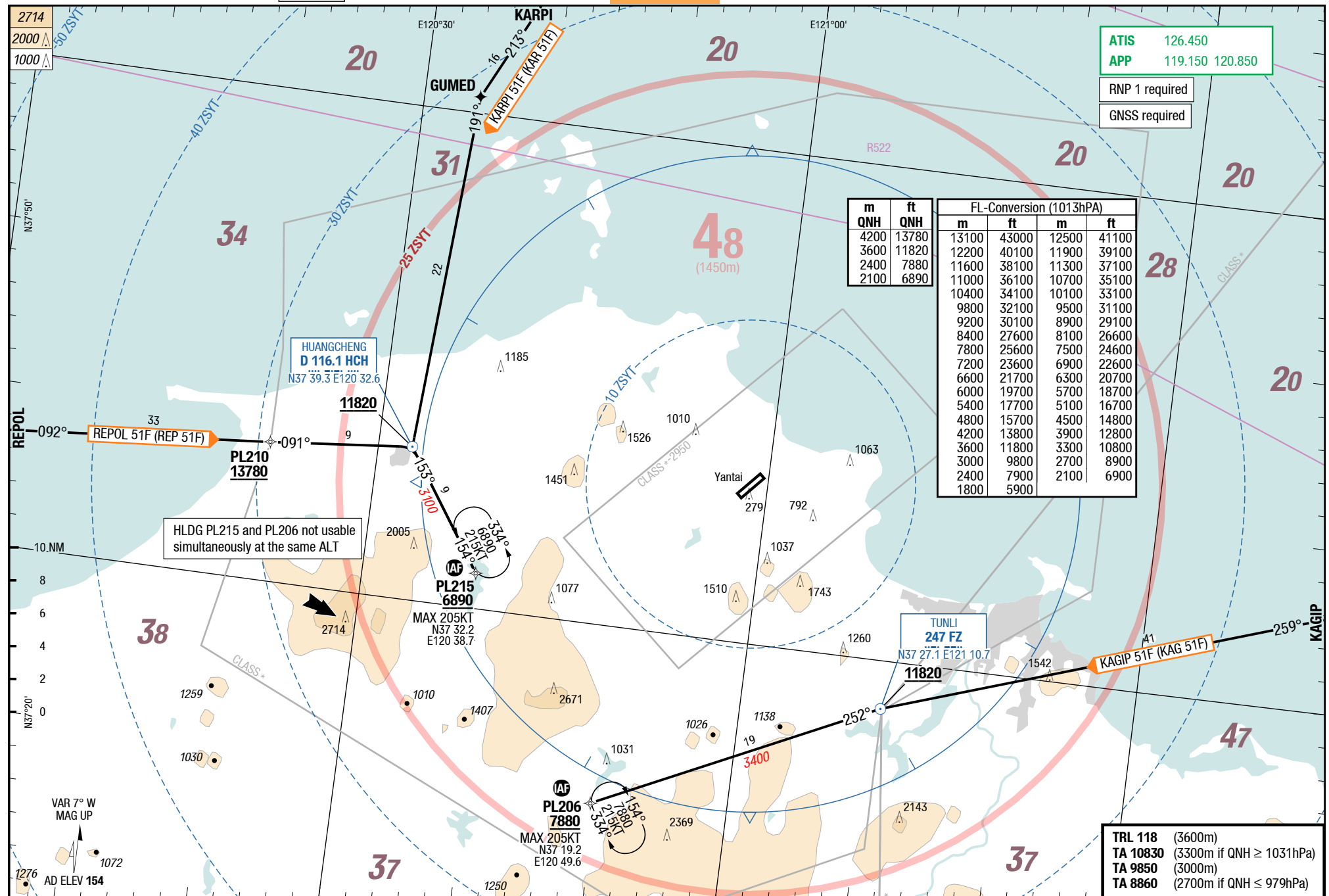
STAR

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Penglai Yantai China

RNAV STARs RWY 23

RNAV STARs RWY 05



05-OCT-2017

**YNT-ZSYT**

China **Yantai** Penglai

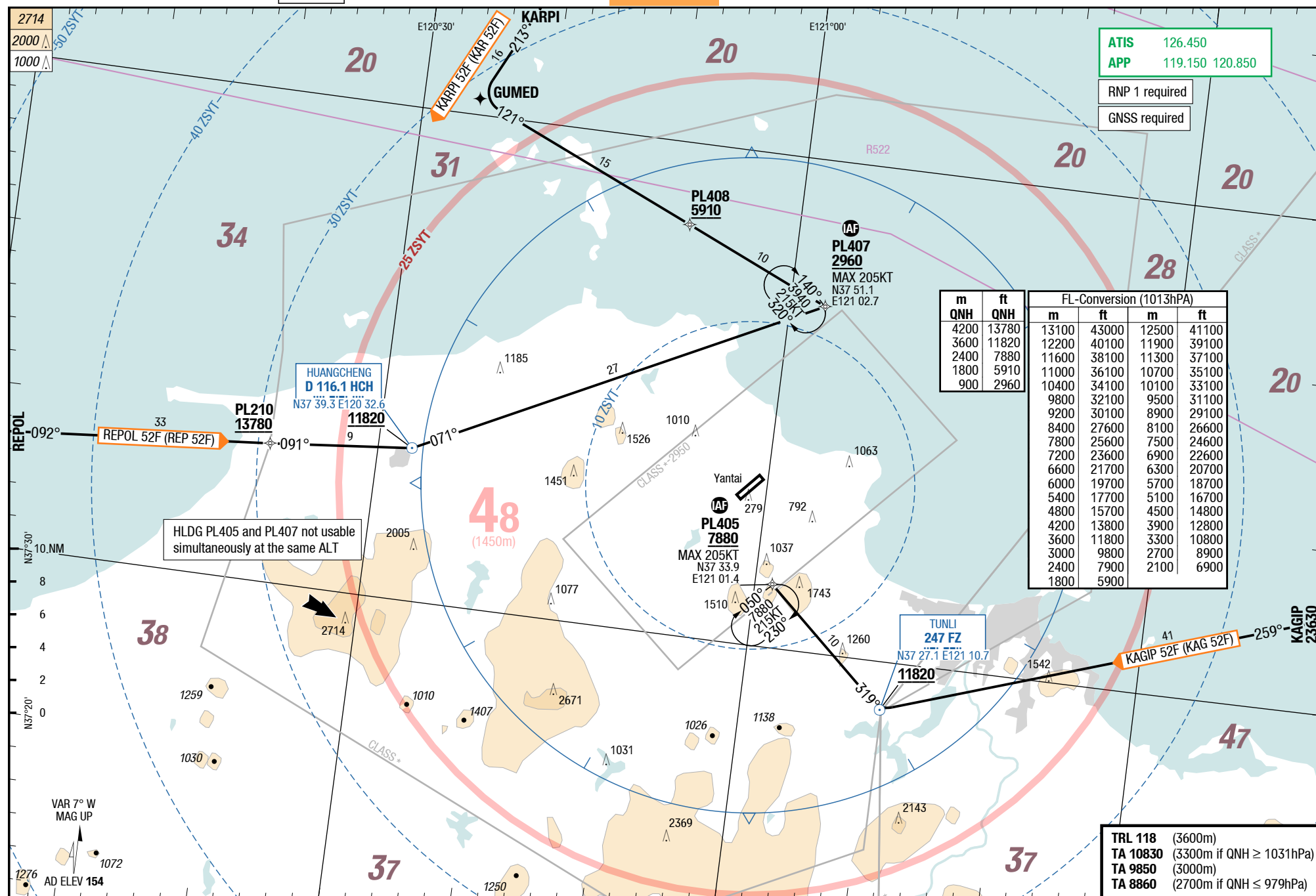
## RNAV STARs RWY 23

# STAR

# STAR

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## RNAV STARs RWY 23



Changes: ALT, OBST, Editorial

05-OCT-2017

## YNT-ZSYT

China **Yantai** Penglai

STARs RWY 05 HCH U/S

## STARs RWY 05

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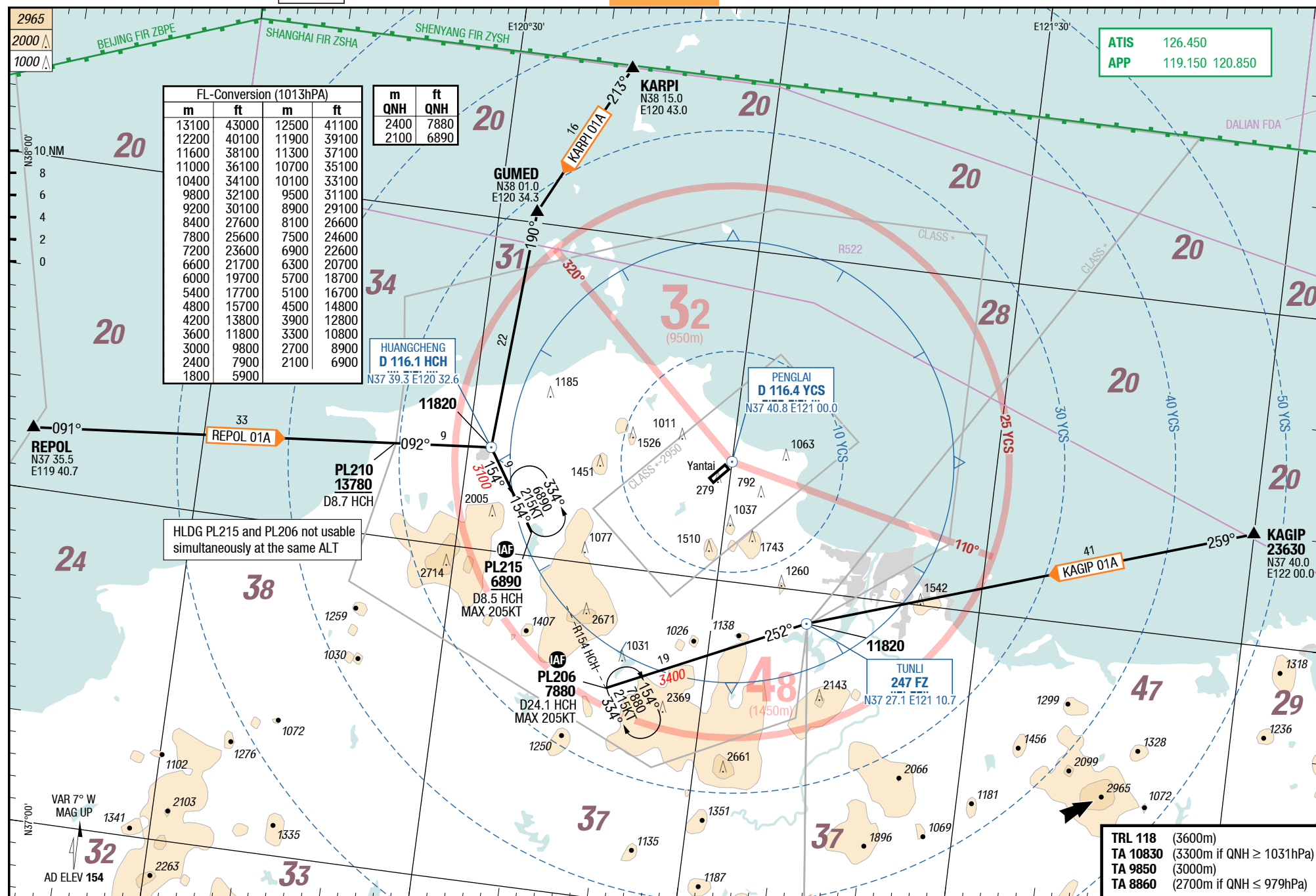
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STARs RWY 05 HCH U/S

## STARs RWY 05

6-30



Changes: Nil

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YNT-ZSYT

6-40

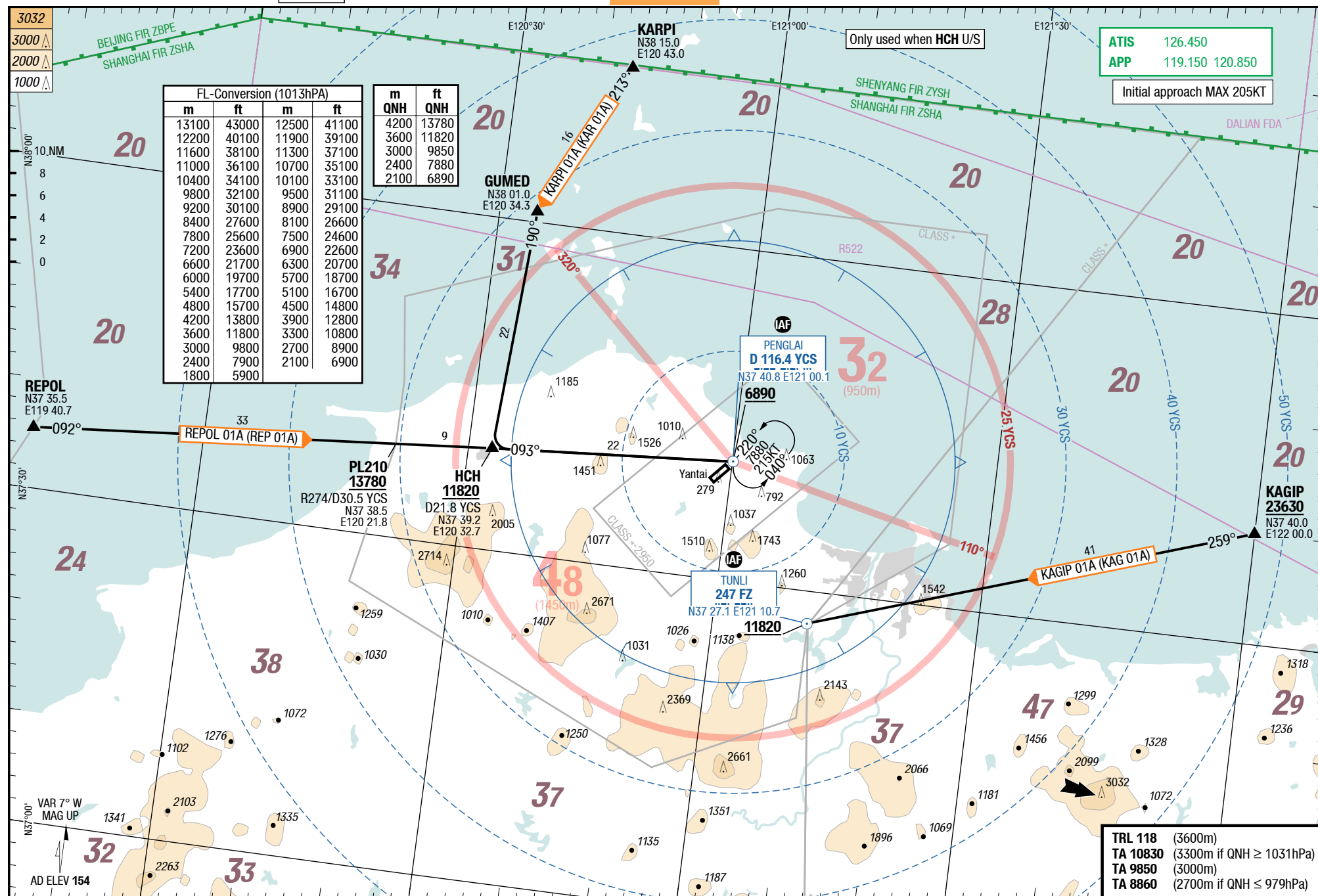
STARs RWY 05 HCH U/S

STAR

STAR

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STARs RWY 05 HCH U/S



Changes: New



Effective 12-OCT-2017

05-OCT-2017

YNT-ZSYT

6-50

China Yantai Penglai

STARs RWY 23 HCH U/S

STARs RWY 23

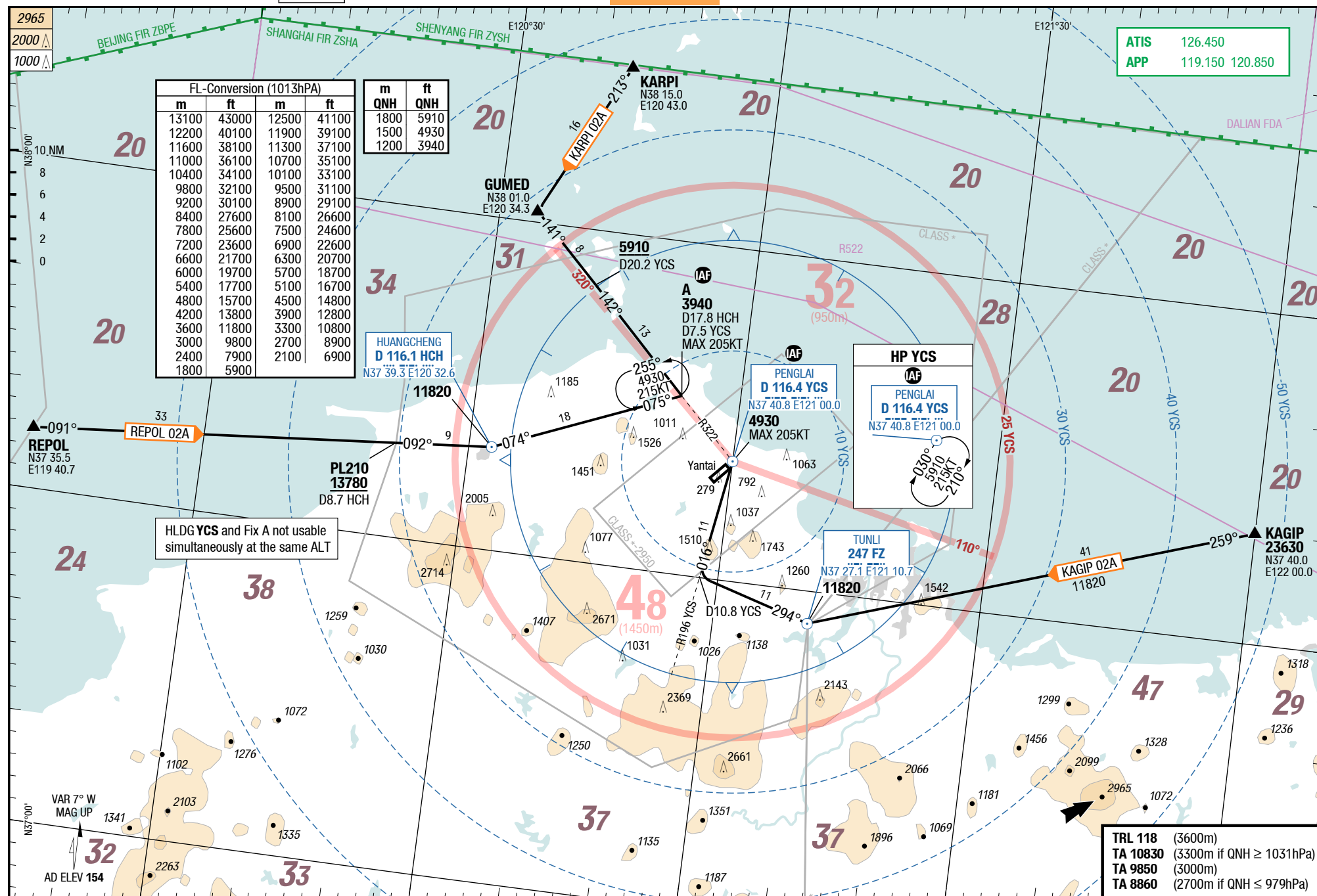
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Penglai Yantai China

STARs RWY 23 HCH U/S

STARs RWY 23



Changes: Nil

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05-OCT-2017

China **Yantai** Penglai

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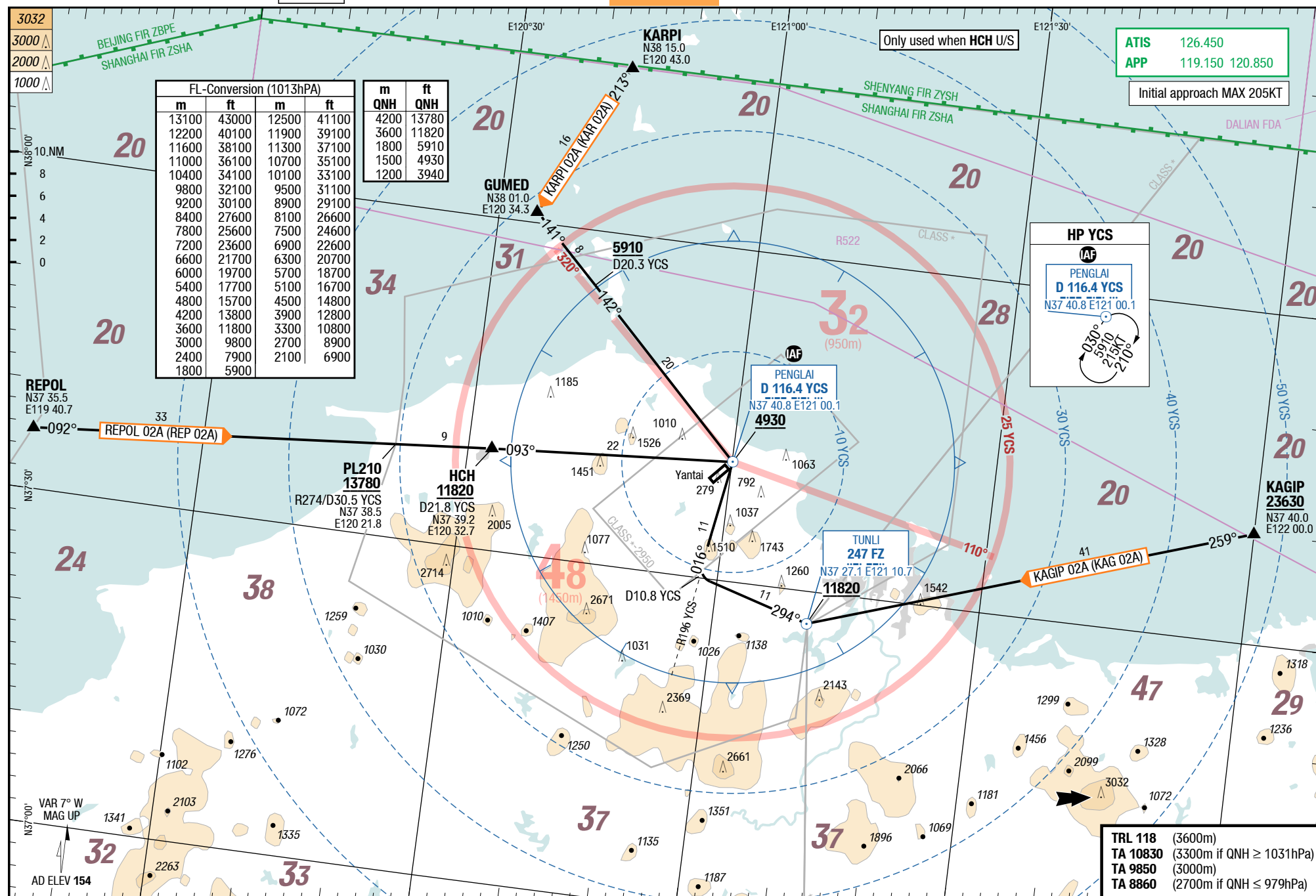
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Penglai **Yantai** China**YNT-ZSYT**

6-60

## STARs RWY 23 HCH U/S

## STARs RWY 23 HCH U/S

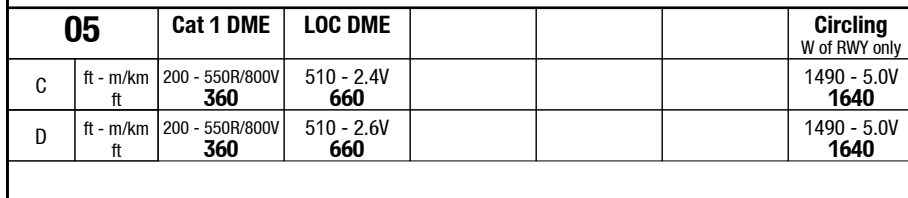


Changes: New

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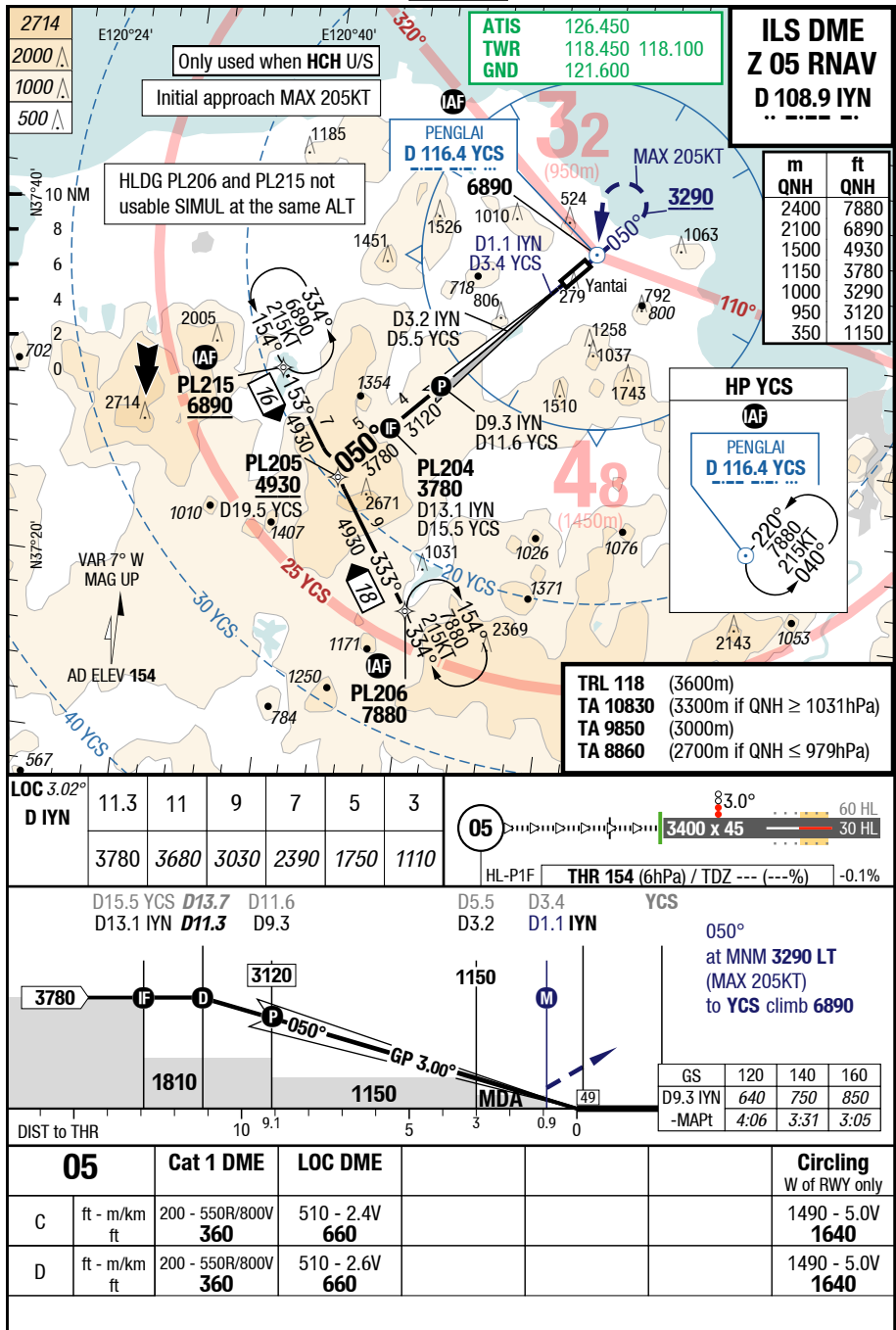
## 7-10



## YNT-ZSYT

7-20

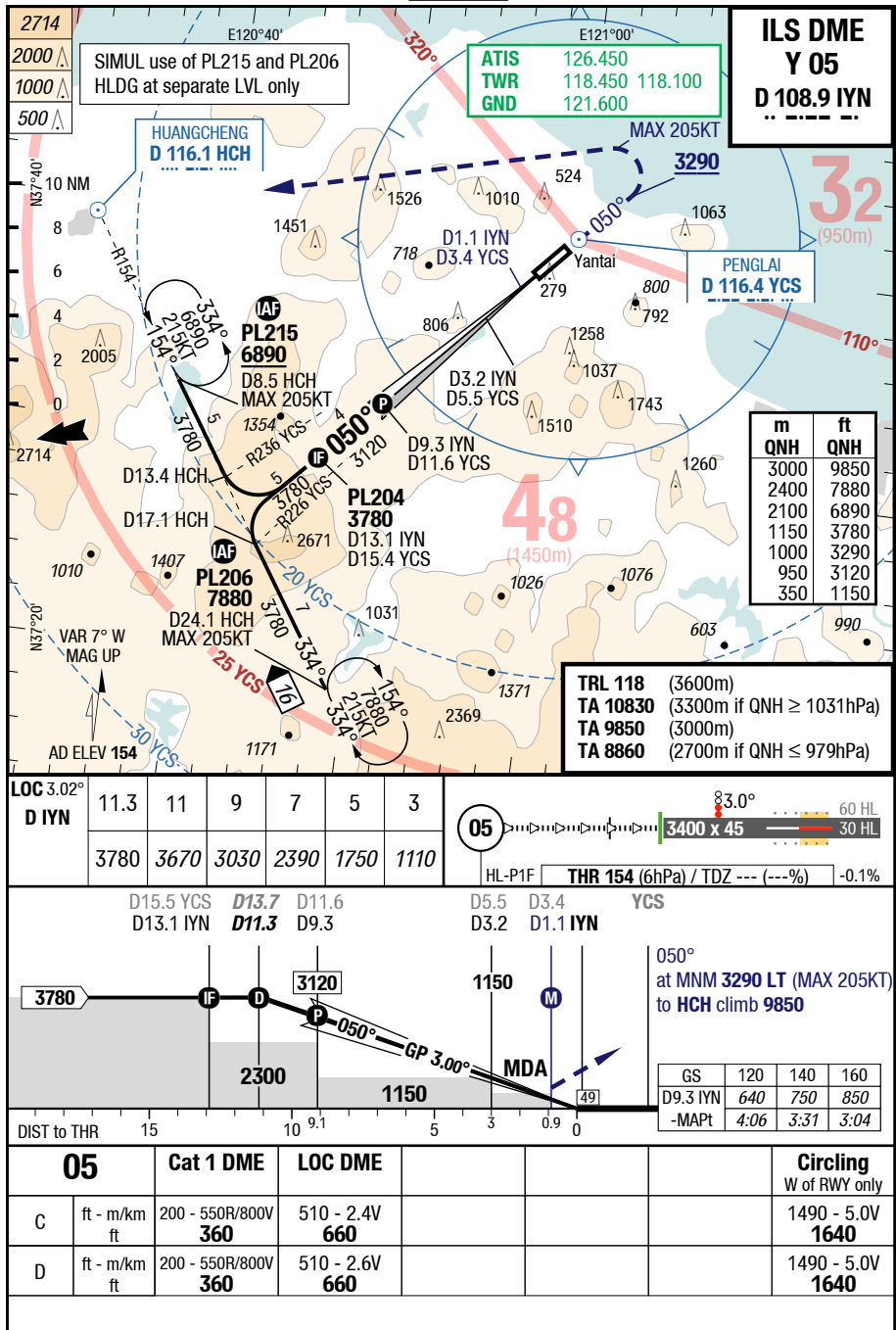
ILS DME Z 05 RNAV HCH U/S



## YNT-ZSYT

7-30

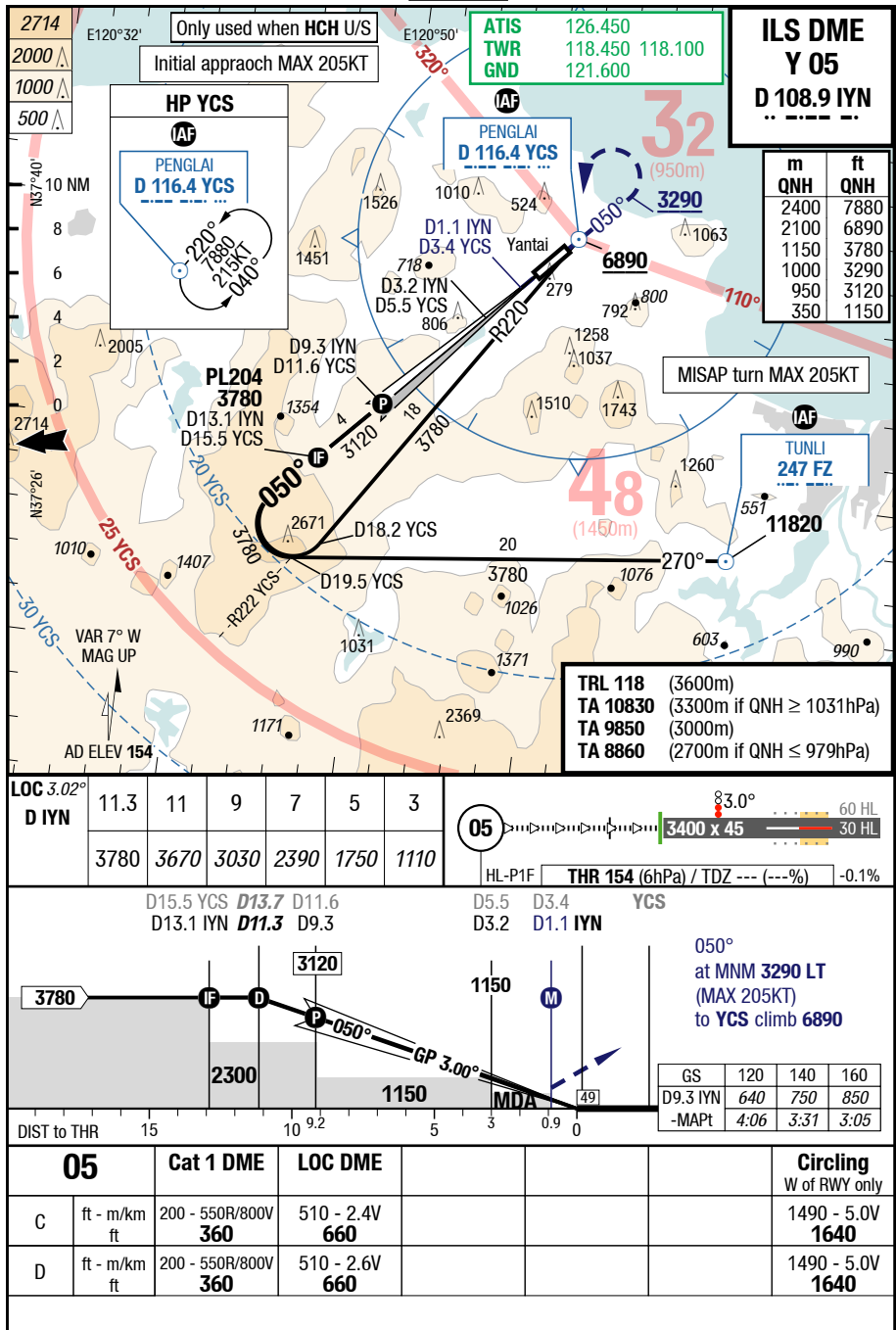
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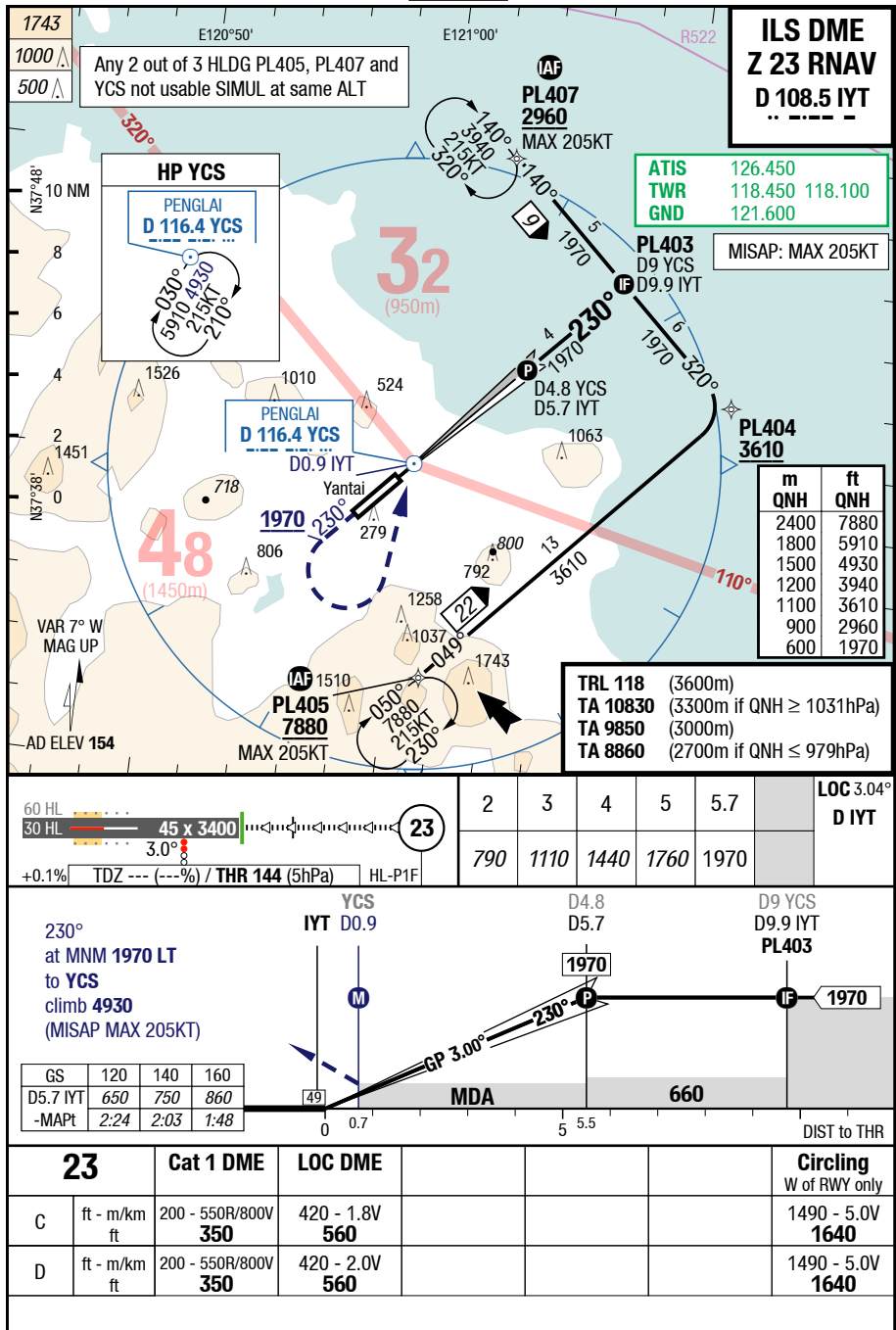
YNT-ZSYT

7-40

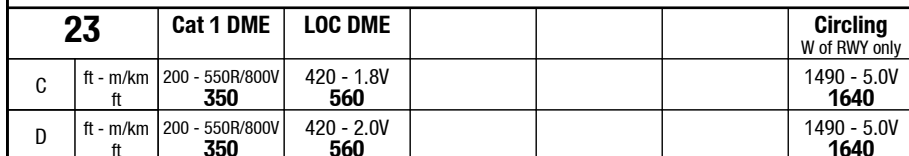
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Changes: new



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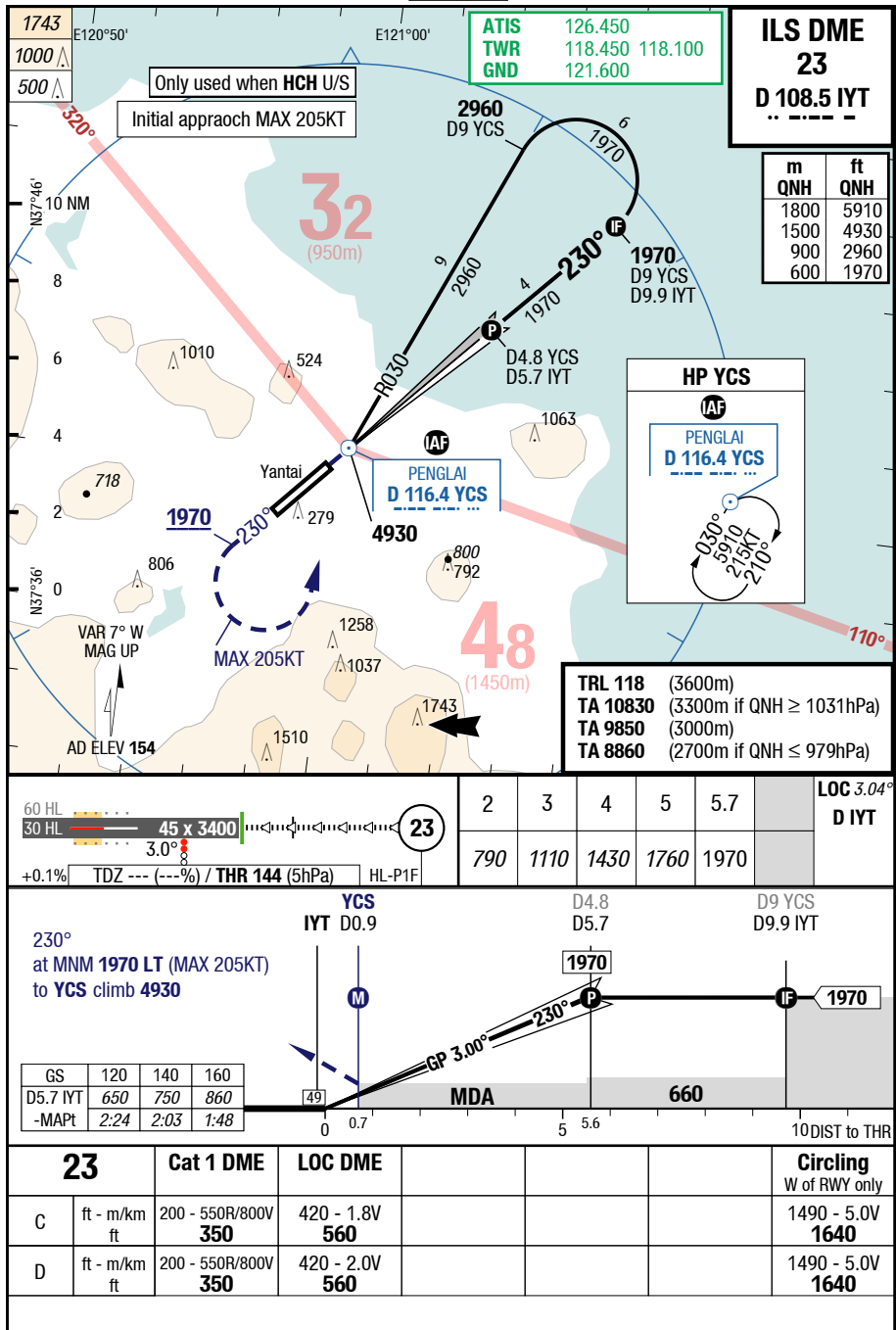




## YNT-ZSYT

7-70

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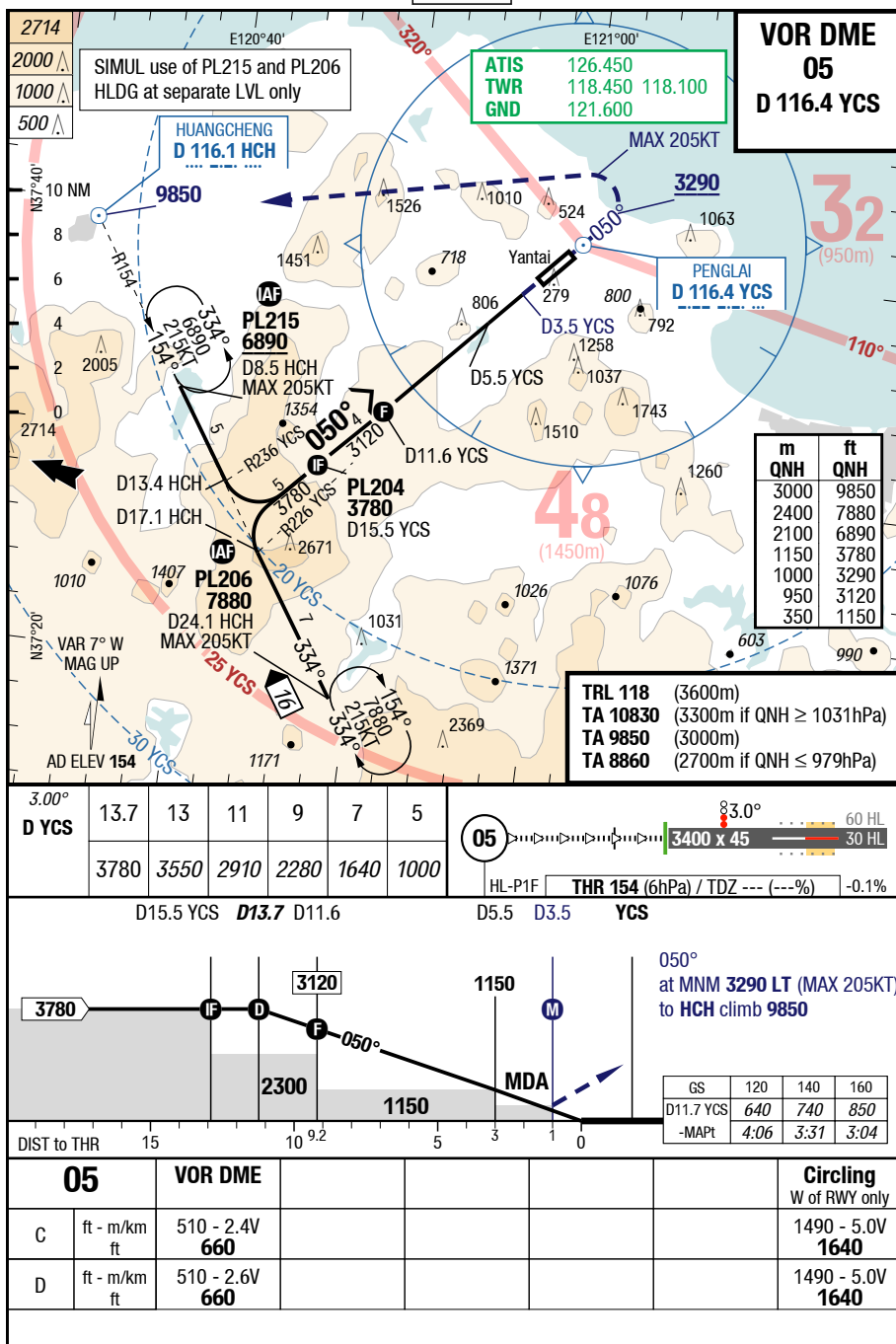


Changes: new

YNT-ZSYT

7-80

VOR DME 05

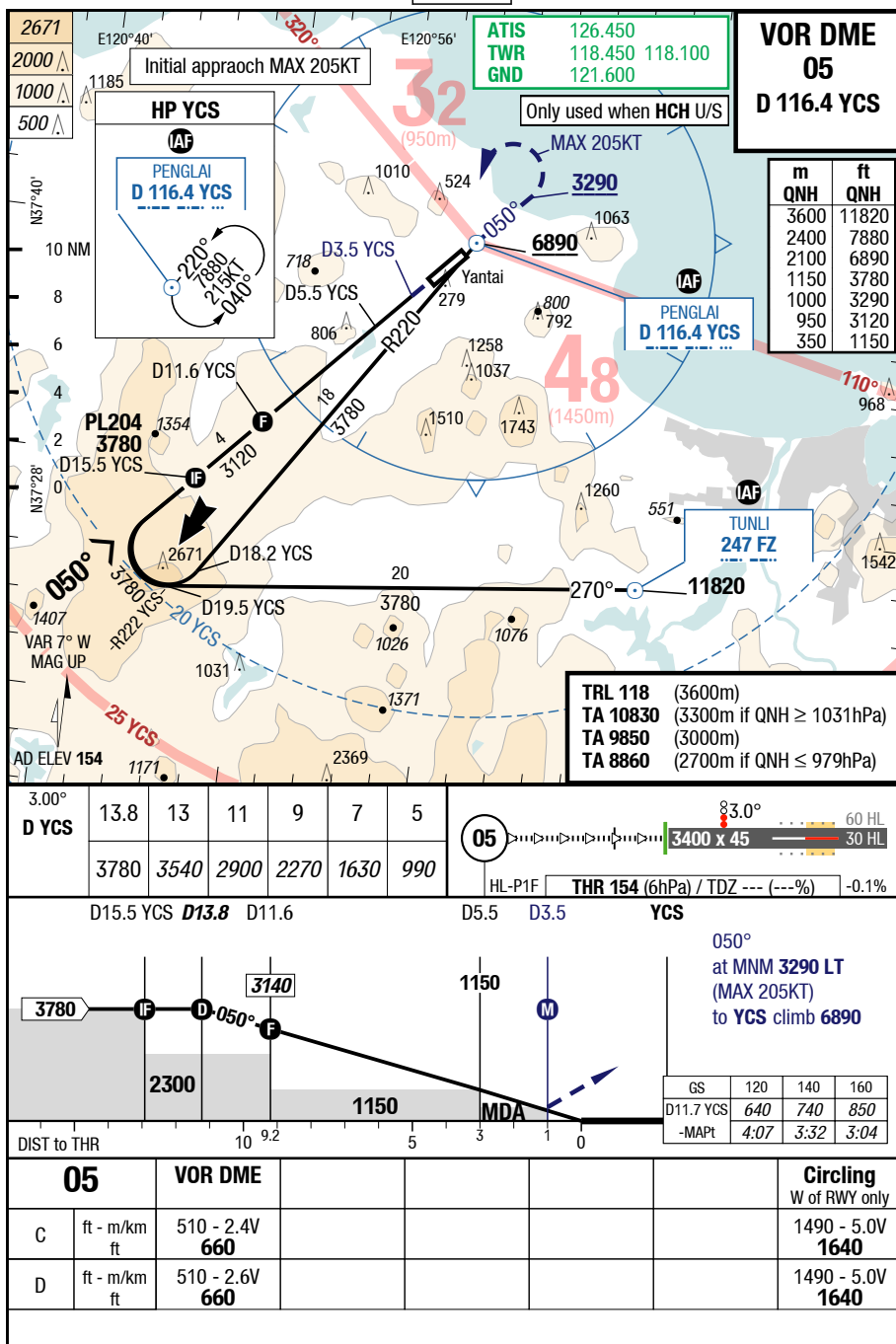


Changes: APL, ALT, OBST

## YNT-ZSYT

7-90

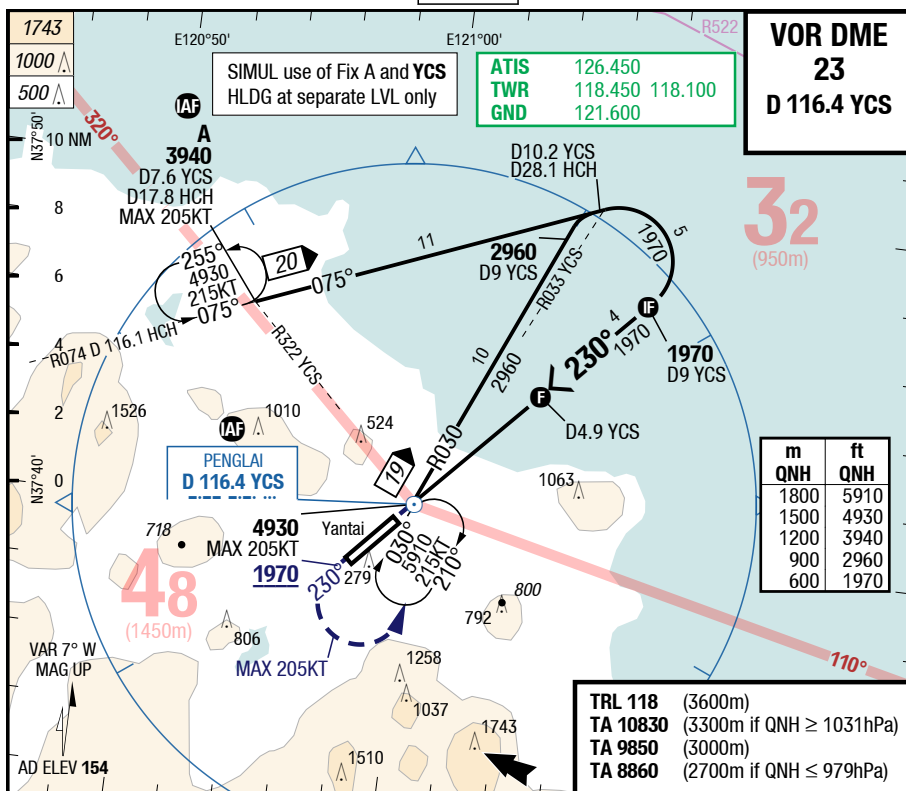
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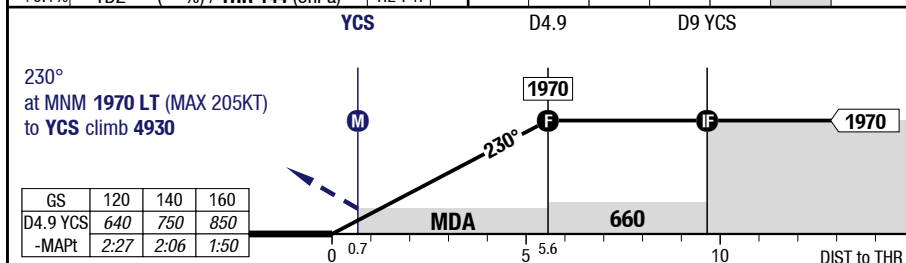
Changes: new

## VOR DME 23

**7-100**



60 HL	45 x 3400	23	1	2	3	4	4.9	3.01°
30 HL	3.0°		730	1050	1370	1690	1970	D YCS
+0.1%	TDZ --- (---%) / THR 144 (5hPa)	HL -P1E						

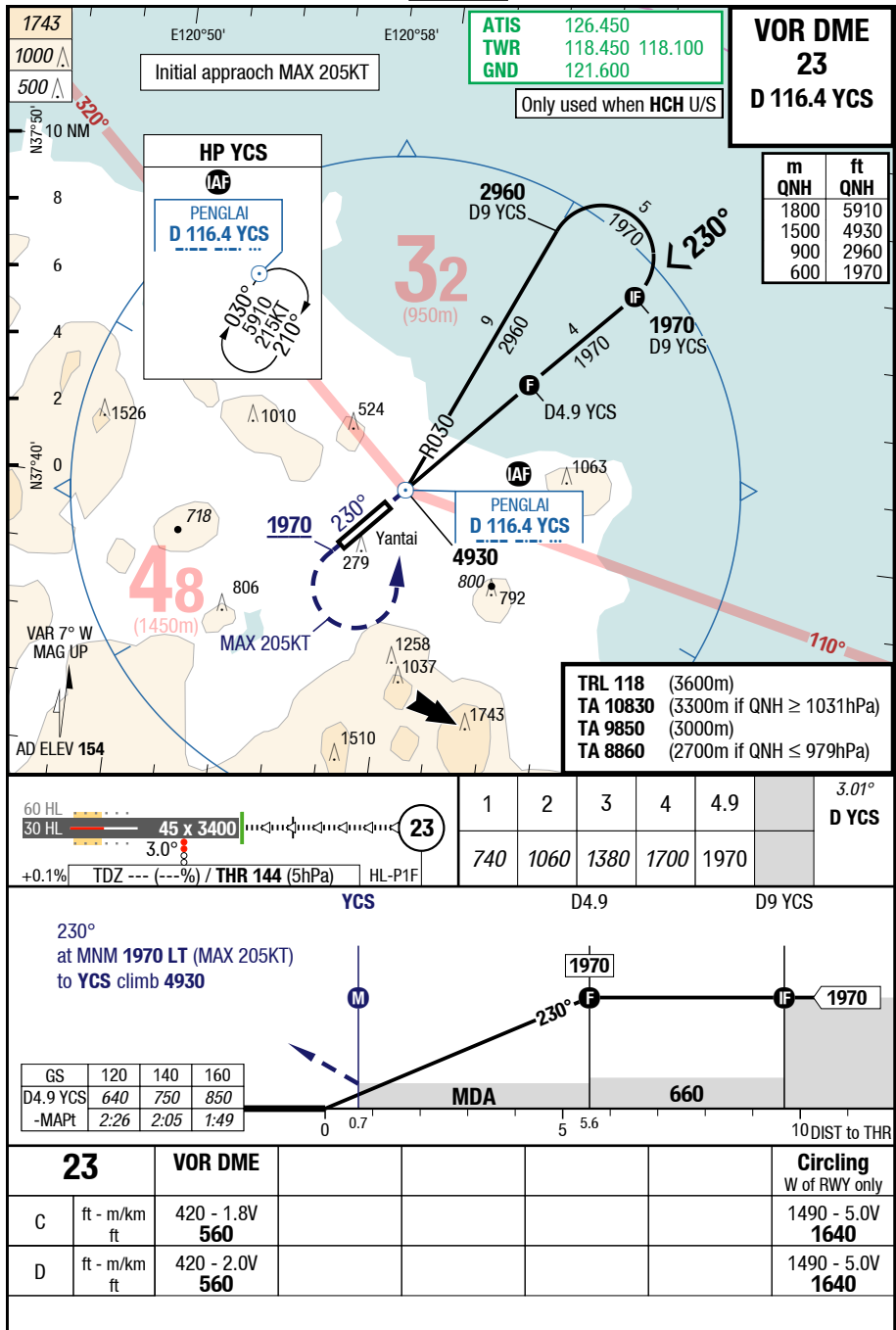


<b>23</b>		<b>VOR DME</b>				<b>Circling</b> W of RWY only
C	ft - m/km ft	420 - 1.8V <b>560</b>				1490 - 5.0V <b>1640</b>
D	ft - m/km ft	420 - 2.0V <b>560</b>				1490 - 5.0V <b>1640</b>

YNT-ZSYT

7-110

VOR DME 23 HCH U/S



Changes: new