

**GENERAL****Operational Hours****ATS Hours / AD OPS Hours / AD ADMIN Hours:** H24**Airport Information****RFF:** CAT 8**Fuel:** Nr. 3 Jet Fuel**PCN:** RWY 01/19: 86/R/B/X/T**Customs:** HO**Operation****TWY Restriction**

TWY T1 and T9 width 18m / 59ft.

TWY T4 and T10 MAX wingspan 52m / 171ft

TWY T3, T5 and T6 MAX wingspan 36m / 118ft.

Entering RWY via TWY A3, A4, A5, A7 is prohibited.

**Taxi Routes**

RWY 01 in use:

- into APN via TWY B7, T11.
- out of APN via TWY T7, B5.

RWY 19 in use:

- into APN via TWY B6, T8.
- out of APN 1 via TWY T11, B7.
- out of stand 201-205 via TWY T7, B5.

**Taxi/Parking**

Visual Docking Guidance System (VDGS) AVBL at stands 3, 5, 7, 9, 11, 13, 15, 201-212, 214-224, 207R and 218R.

Follow-me AVBL via GND, mandatory after vacating RWY.

**APU**

All ACFT (except A380) parking on stands 3, 5, 7, 9, 11, 13, 15, 17 should shut down APU and use GPU and air conditioning systems on ground to reduce carbon emission and noise.

**Warnings****KWL DME** unusable:

R314 beyond 20NM.

R180 beyond 10NM.

Birds in vicinity of AD.

## ARRIVAL

## Arrival Procedure

**VFR Traffic Pattern**

RWY 19 right-hand circuit:

ALT 500m / 1640ft CAT A/B; ALT 700m / 2297ft CAT C/D.

RWY 19 left-hand circuit:

ALT 600m / 1968ft CAT A/B; ALT 800m / 2624ft CAT C/D.

**Non-standard GP Intercept Position on RWY 01**

GP intercepts RWY 01 at 326m / 1069ft after landing threshold.

Remaining DIST beyond GP is 2874m / 9430ft.

## DEPARTURE

**Take-off Minima**

RWY		01/19	
2 Turbine or 3+4 ENG	ft - m/km	0 - 400R	REDL, HJ only
		0 - 500R	wo LGT, HJ only
		0 - 800R	REDL, HN
Others 1+2 ENG		0 - 1.6V	-

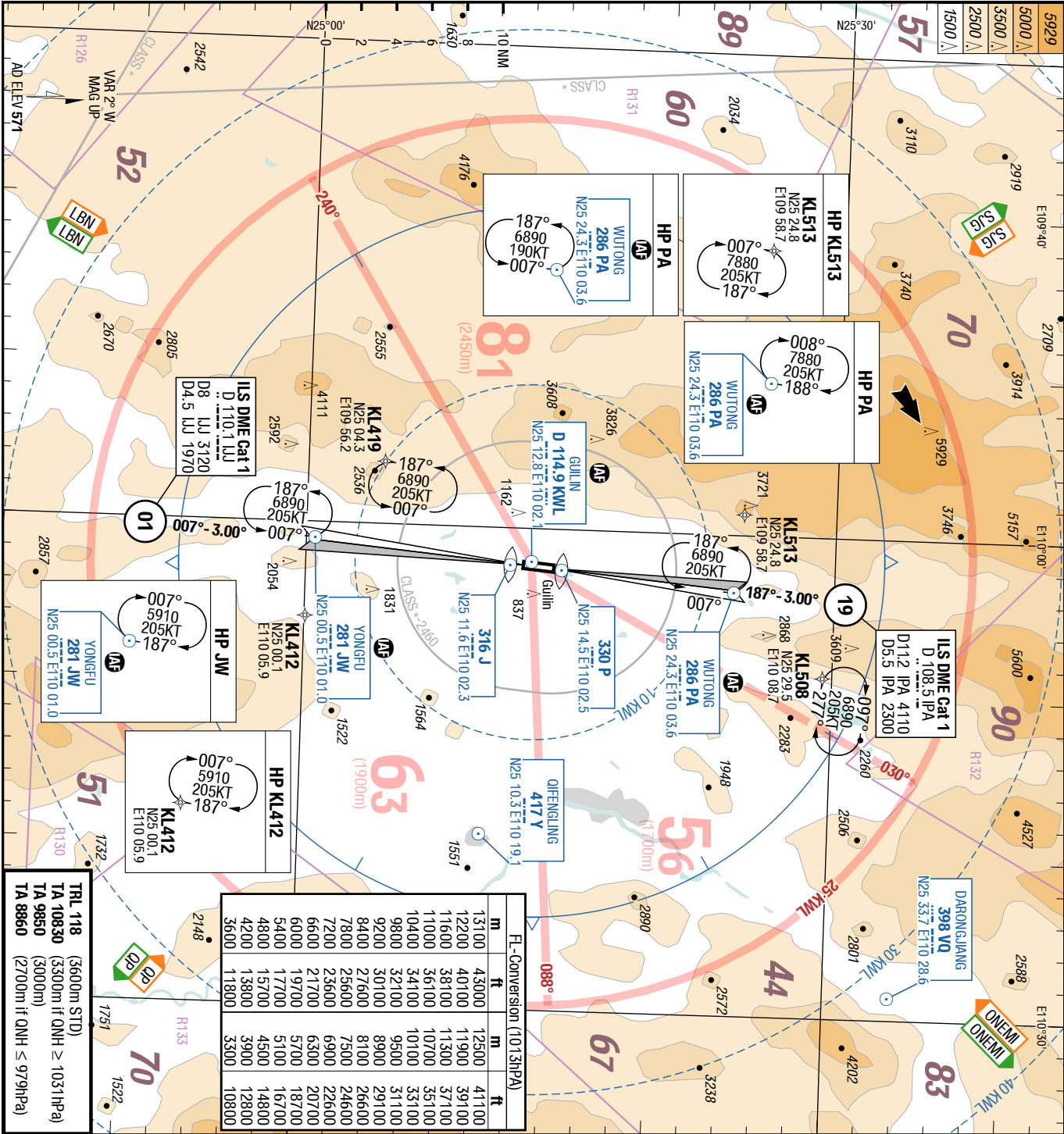
## Departure Procedure

**Start-up/Push-back**

Push-back under own PWR is prohibited, EXC with GND CTL CLR.

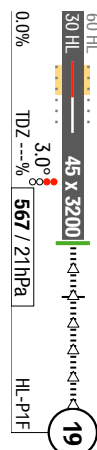
## De-Icing

HO



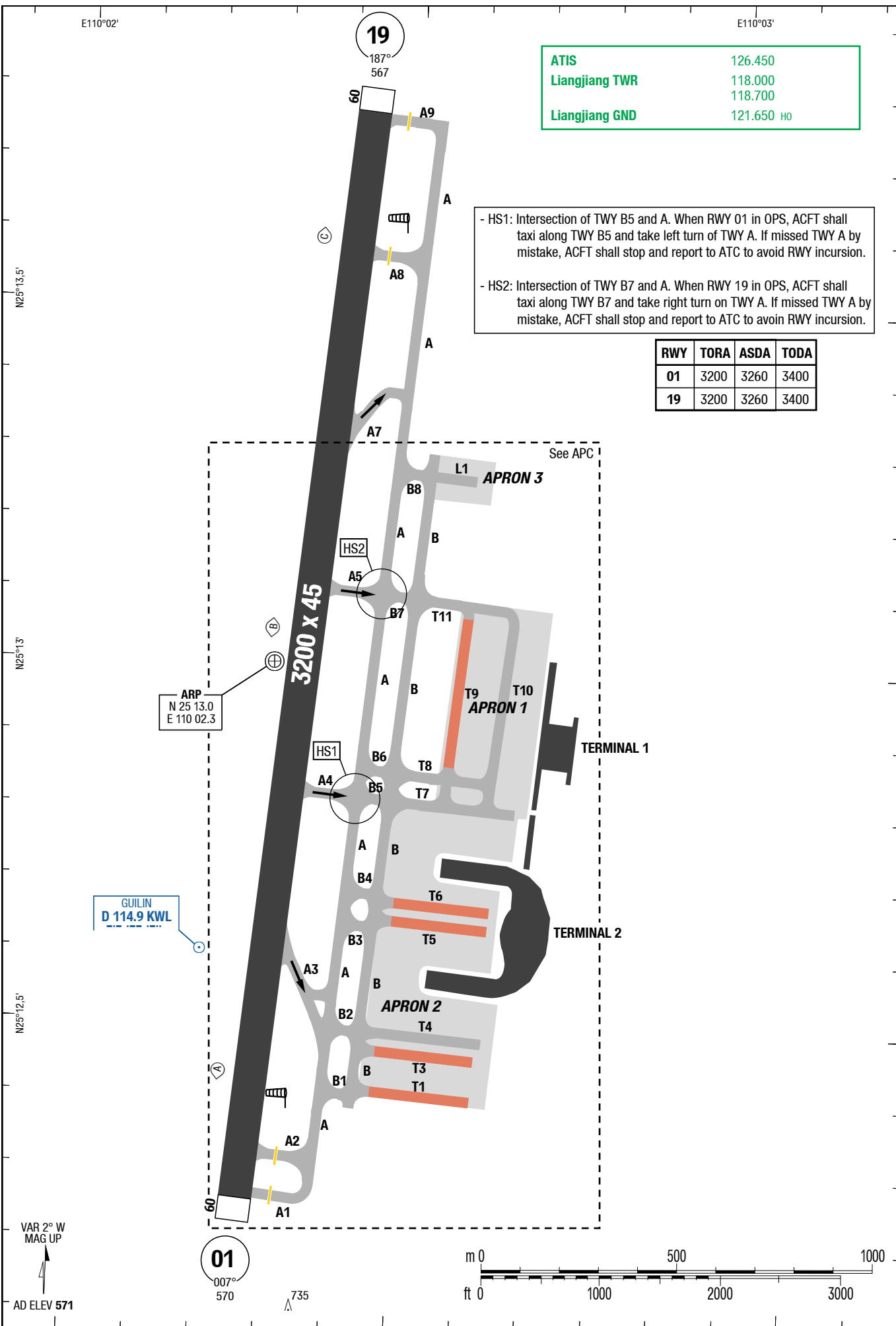
ATIS	126.450
APP	120.850
Liangjiang TWR	124.650
Liangjiang GND	118.000
	118.700
	121.650 HO

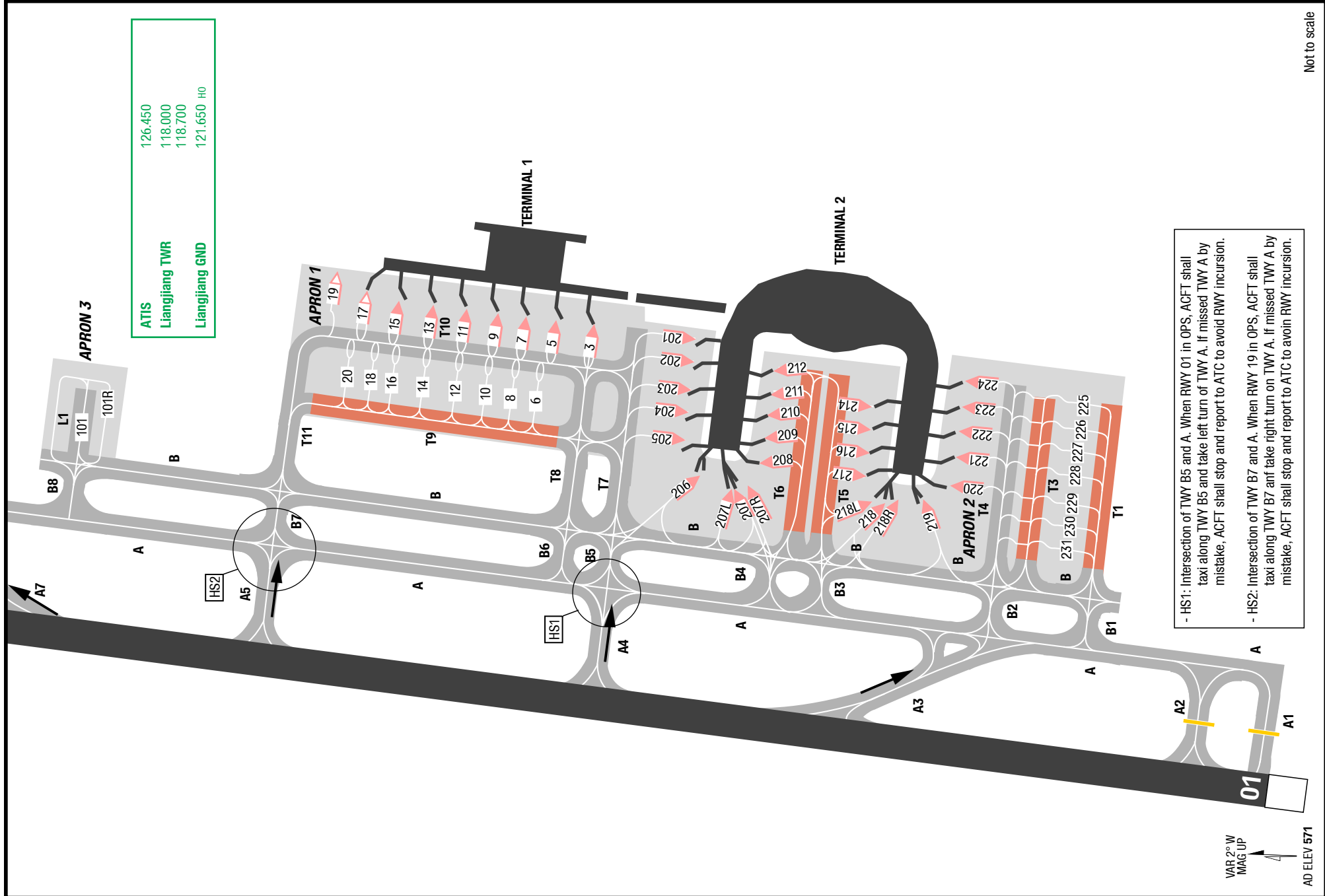
Landing RWY system:



m	ft	m	ft
13100	43000	12500	41100
12200	40100	11900	39100
11600	38100	11300	37100
11000	36100	10700	35100
10400	34100	10100	33100
9800	32100	9500	31100
9200	30100	8900	29100
8400	27600	8100	26600
7800	25600	7500	24600
7200	23600	6900	22600
6600	21700	6300	20700
6000	19700	5700	18700
5400	17700	5100	16700
4800	15700	4500	14800
4200	13800	3900	12800
3600	11800	3300	10800

TRL 118	(3600m STD)
TA 10830	(3300m if QNH ≥ 1031hPa)
TA 9850	(3000m)
TA 8860	(2700m if QNH ≤ 979hPa)





**KWL-ZGKL**

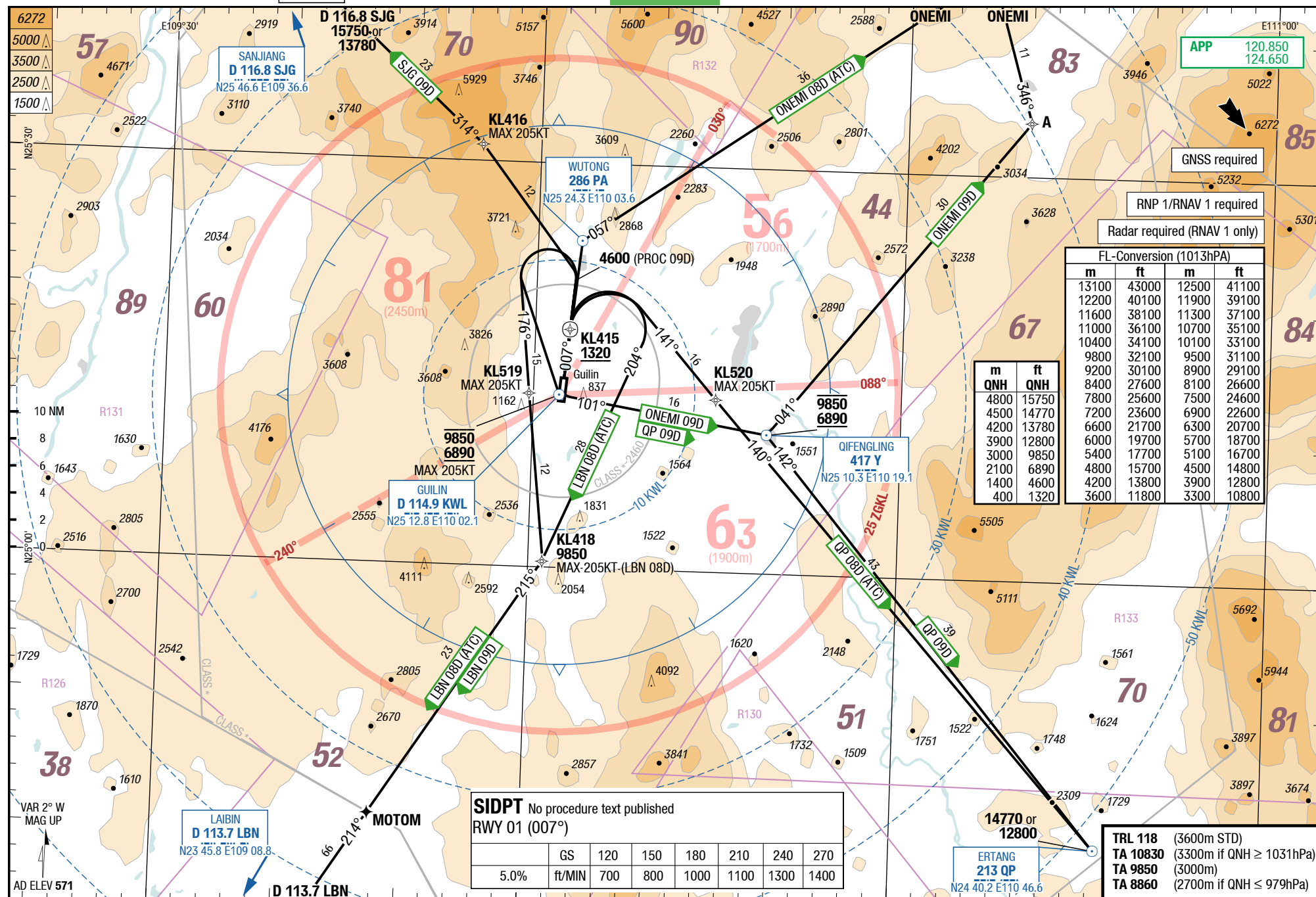
## RNAV SIDs RWY 01

SID

SID

## RNAV SIDs RWY 01

4-10



Changes: PROC

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Effective 04-FEB-2016

28-JAN-2016

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Liangjiang Guilin China

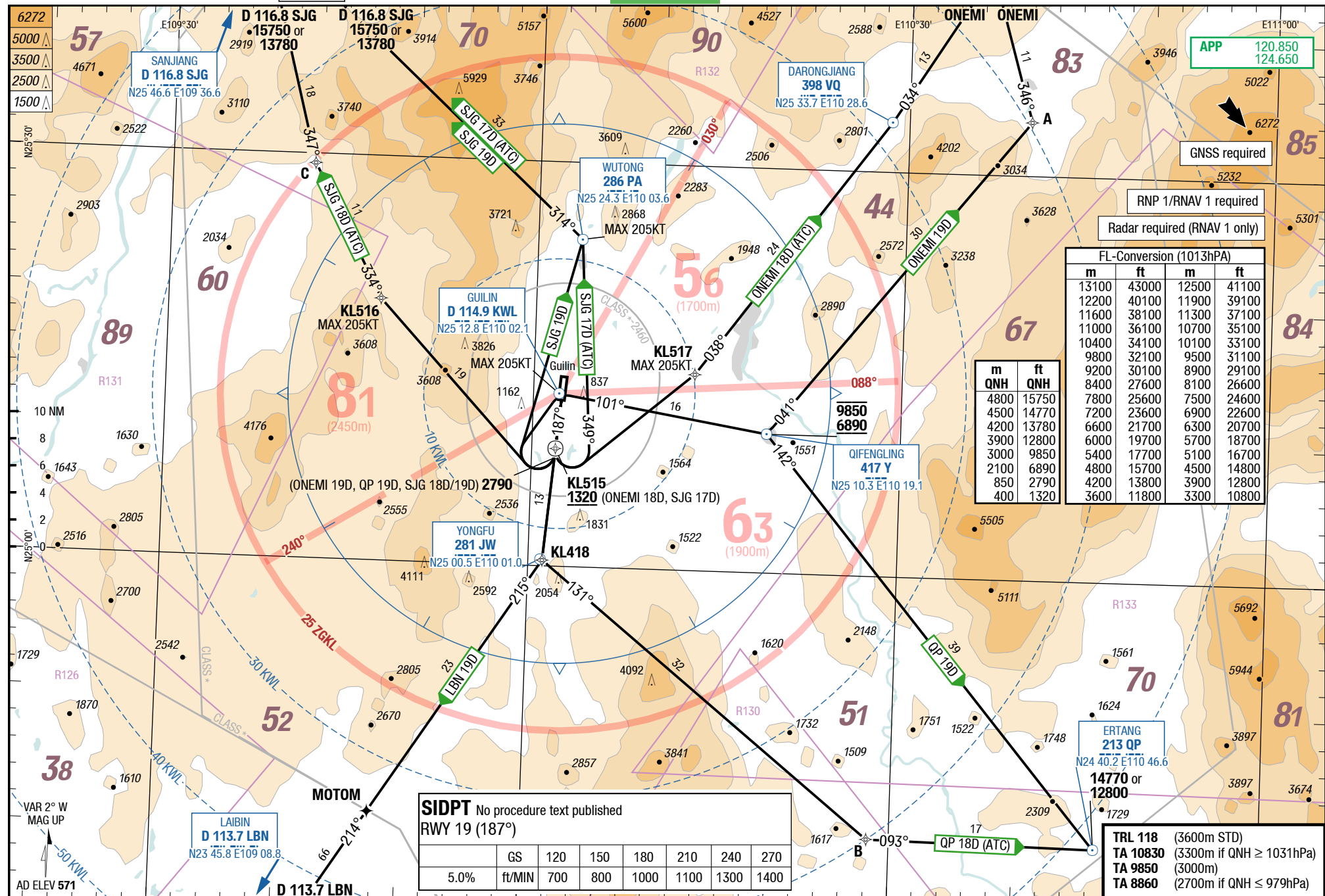
4-20

RNAV SIDs RWY 19

SID

SID

RNAV SIDs RWY 19



Changes: Speed RESTR

Effective 23-JUL-2015

16-JUL-2015

KWL-ZGKL

China Guilin Liangjiang

SIDs RWY 19

SIDs RWY 01

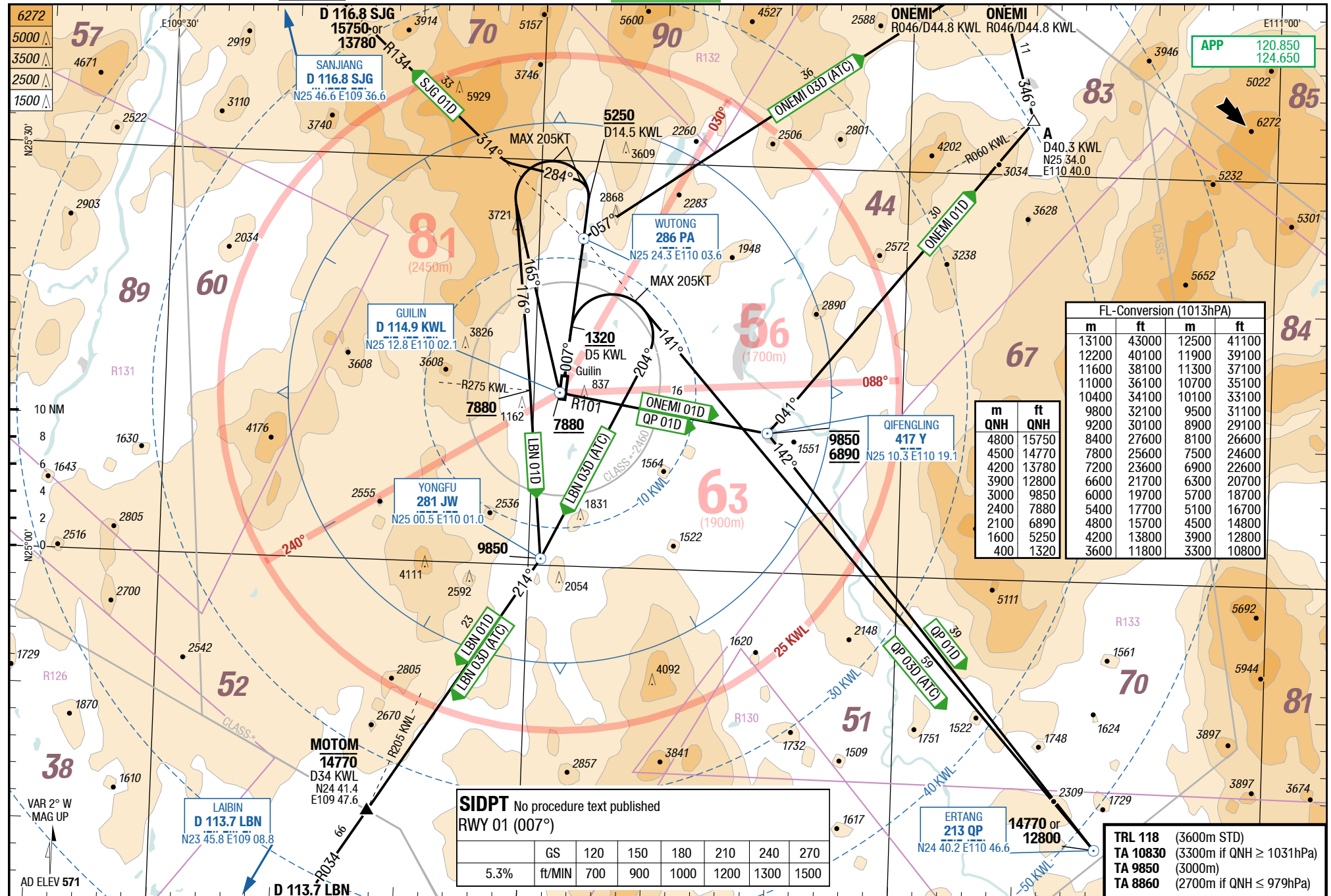
SID

SID

Liangjiang Guilin China

SIDs RWY 19

SIDs RWY 01



Changes: WPT



Effective 23-JUL-2015

16-JUL-2015

KWL-ZGKL

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Liangjiang Guilin China

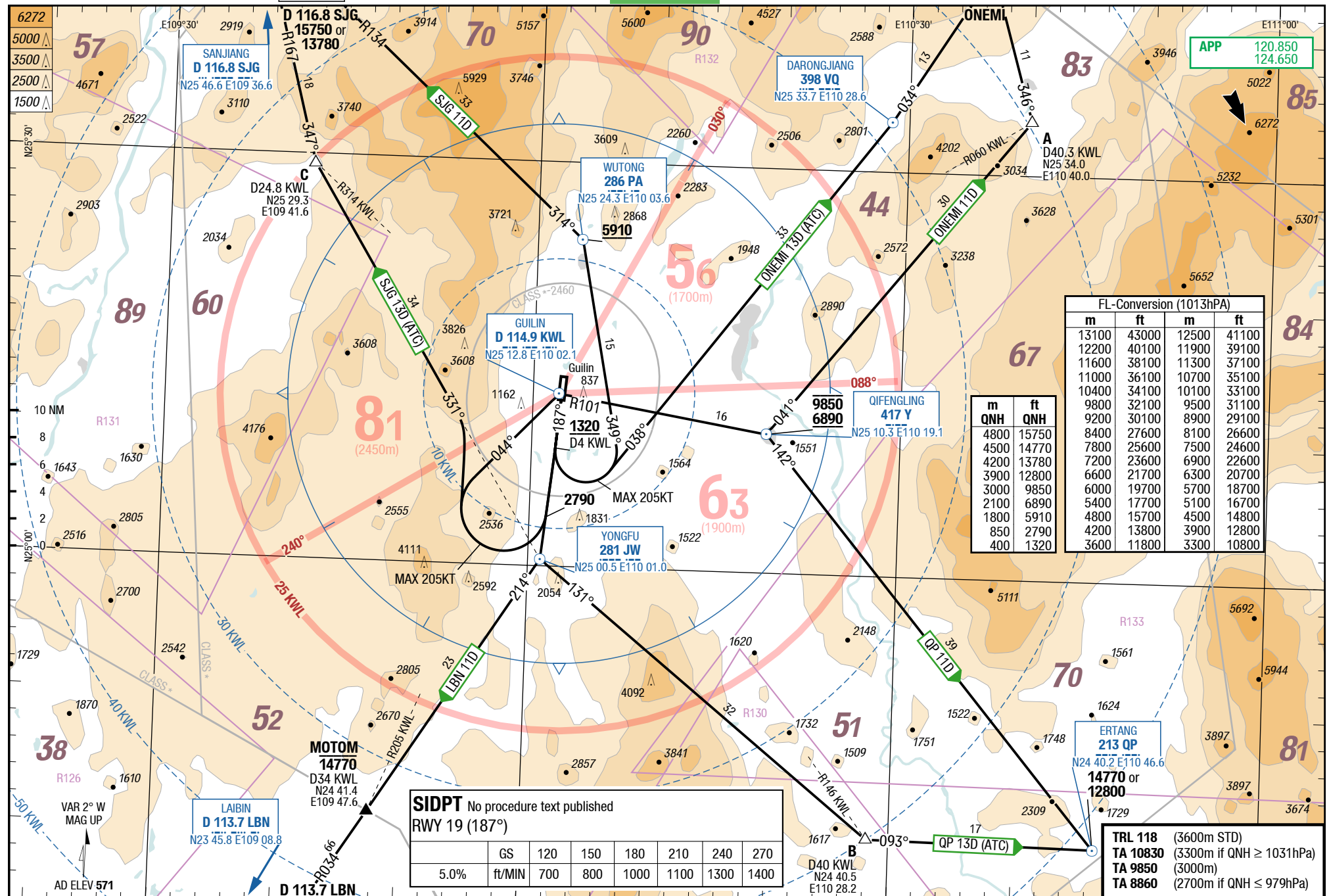
SID

SID

SIDs RWY 19

SIDs RWY 19

4-40



Changes: Nil

Effective 25-JUN-2015

18-JUN-2015

KWL-ZGKL

6-10

China Guilin Liangjiang

[RNAV STARs RWY 01 (ATC)]

RNAV STARs RWY 01

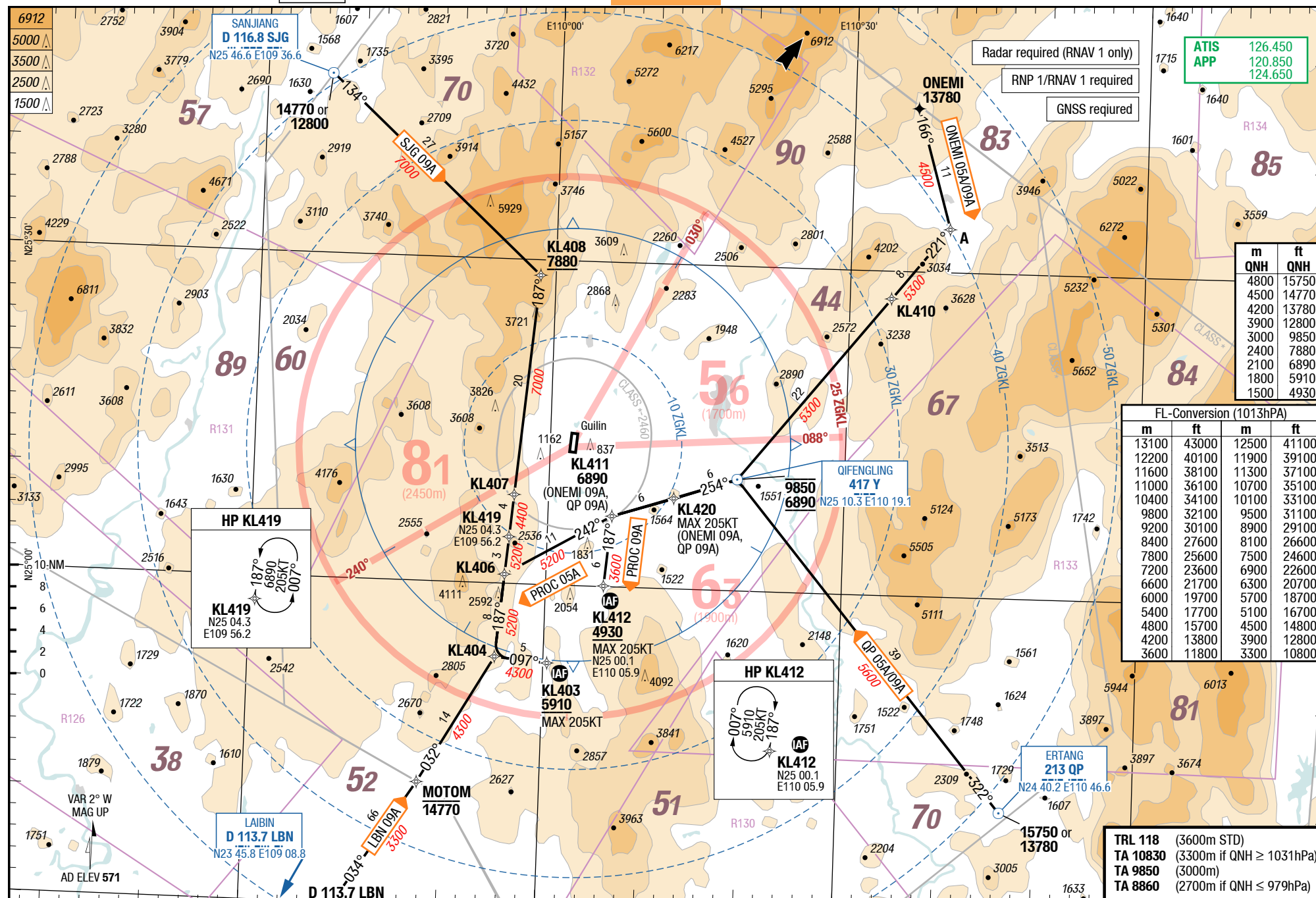
STAR

STAR

Liangjiang Guilin China

[RNAV STARs RWY 01 (ATC)]

RNAV STARs RWY 01



Changes: new



Effective 25-JUN-2015

18-JUN-2015

KWL-ZGKL

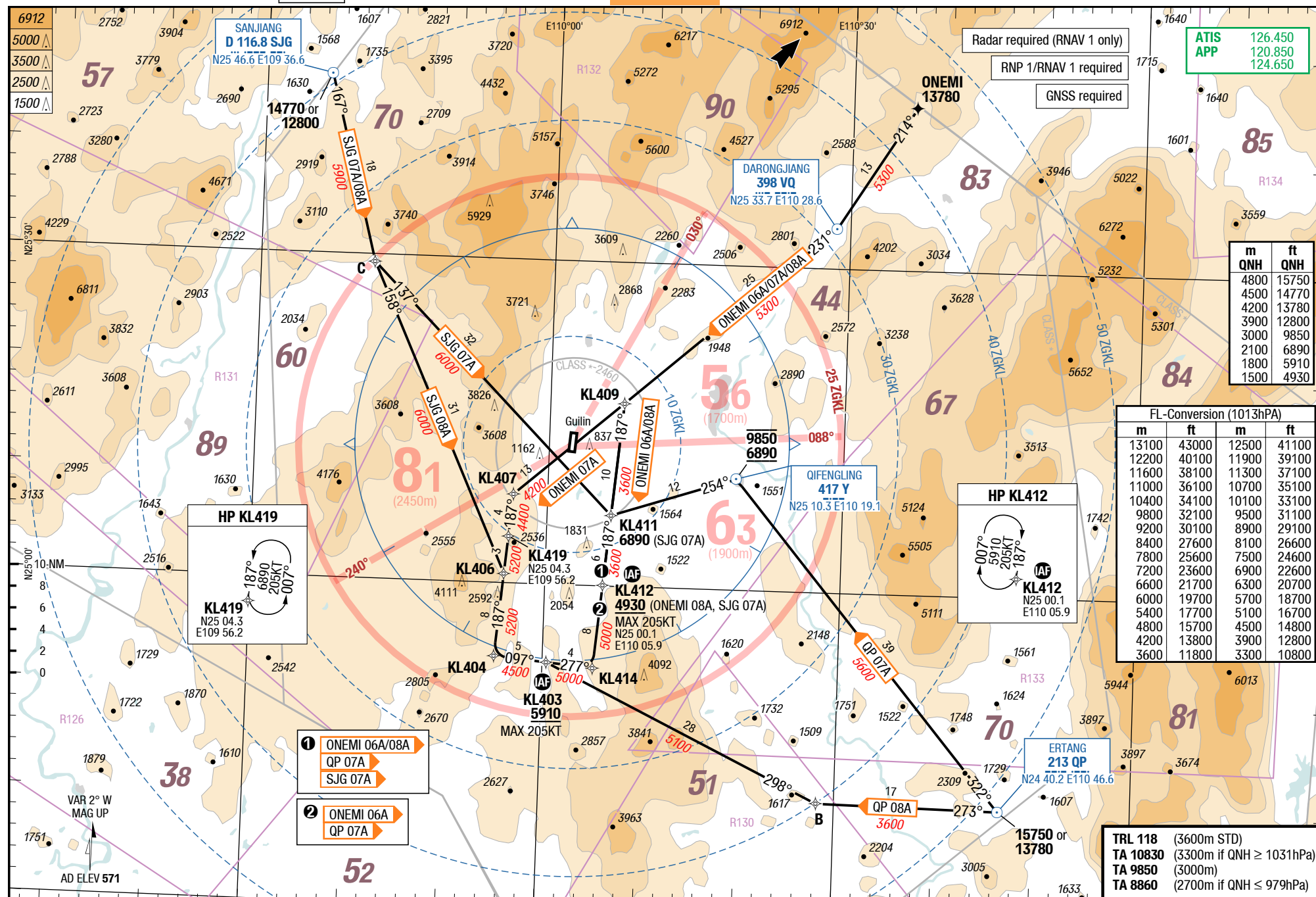
6-20 RNAV STARs RWY 01 (ATC)

STAR

STAR

Liangjiang Guilin China

RNAV STARs RWY 01 (ATC)



Changes: new

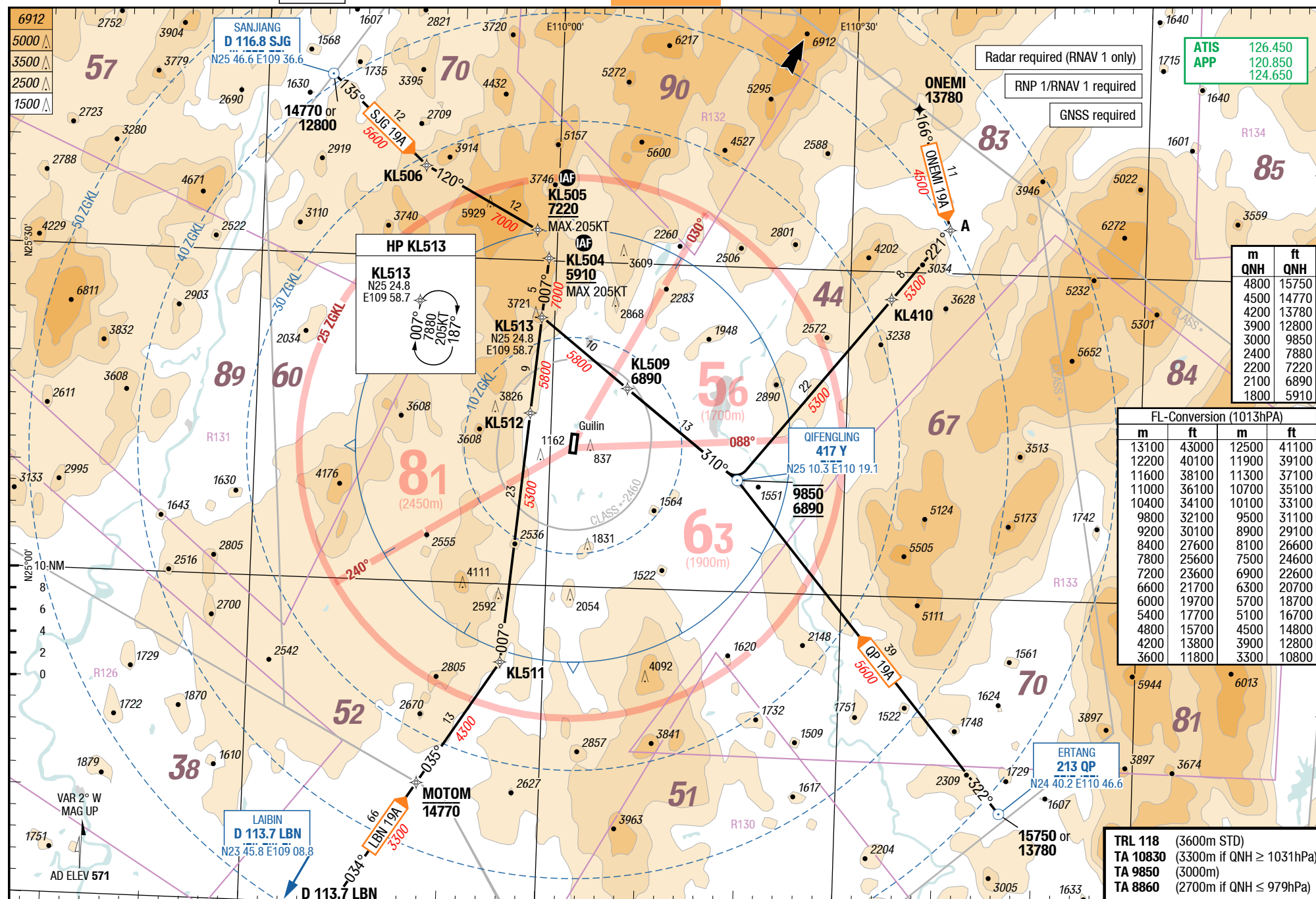
**KWL-ZGKL**

## RNAV STARs RWY 19

# STAR

# STAR

## RNAV STARs RWY 19



Changes: new



Effective 25-JUN-2015

18-JUN-2015

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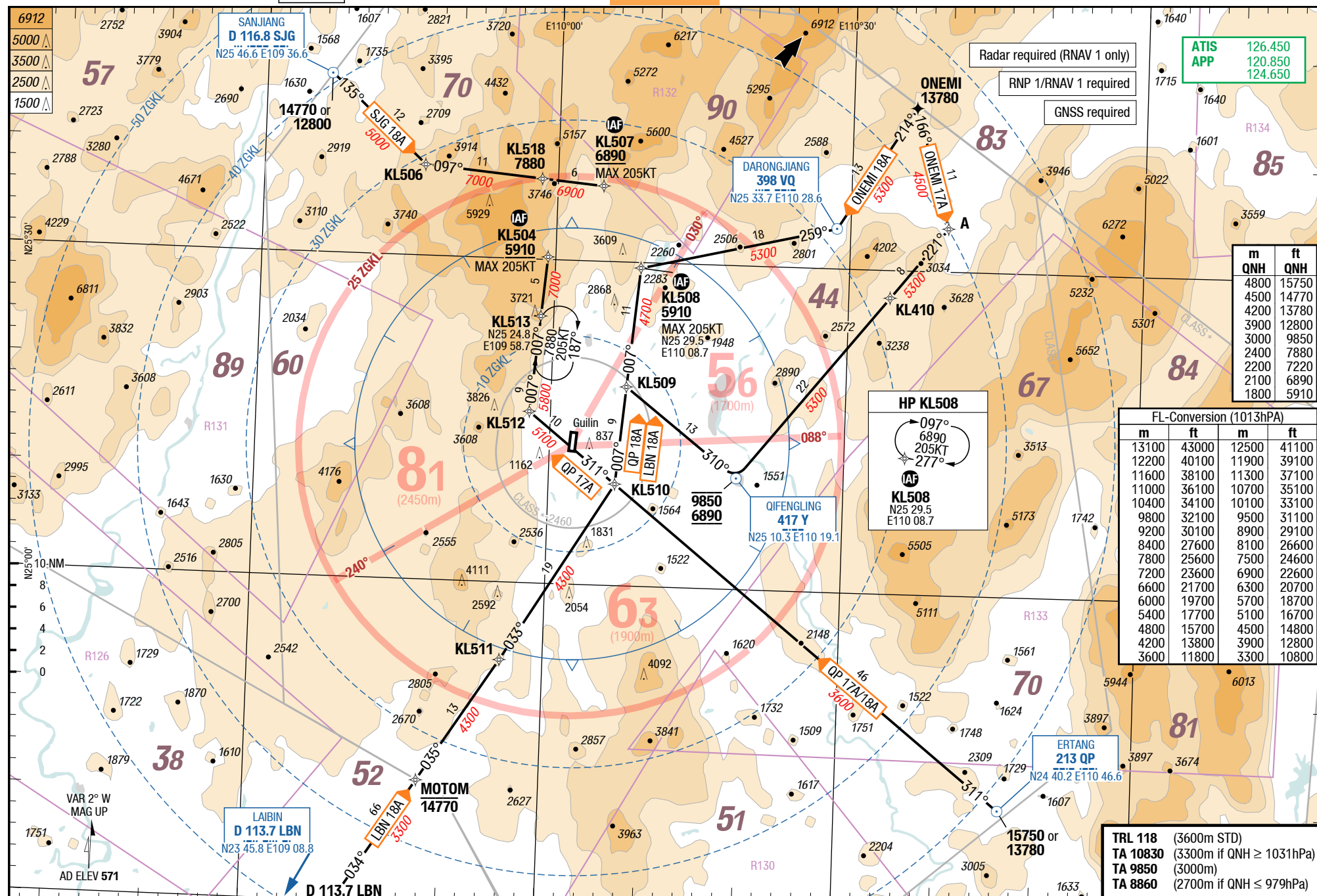
6-40 RNAV STARs RWY 19 (ATC)

STAR

STAR

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RNAV STARs RWY 19 (ATC)



Changes: new



**KWL-ZGKL**

STARs RWY 19

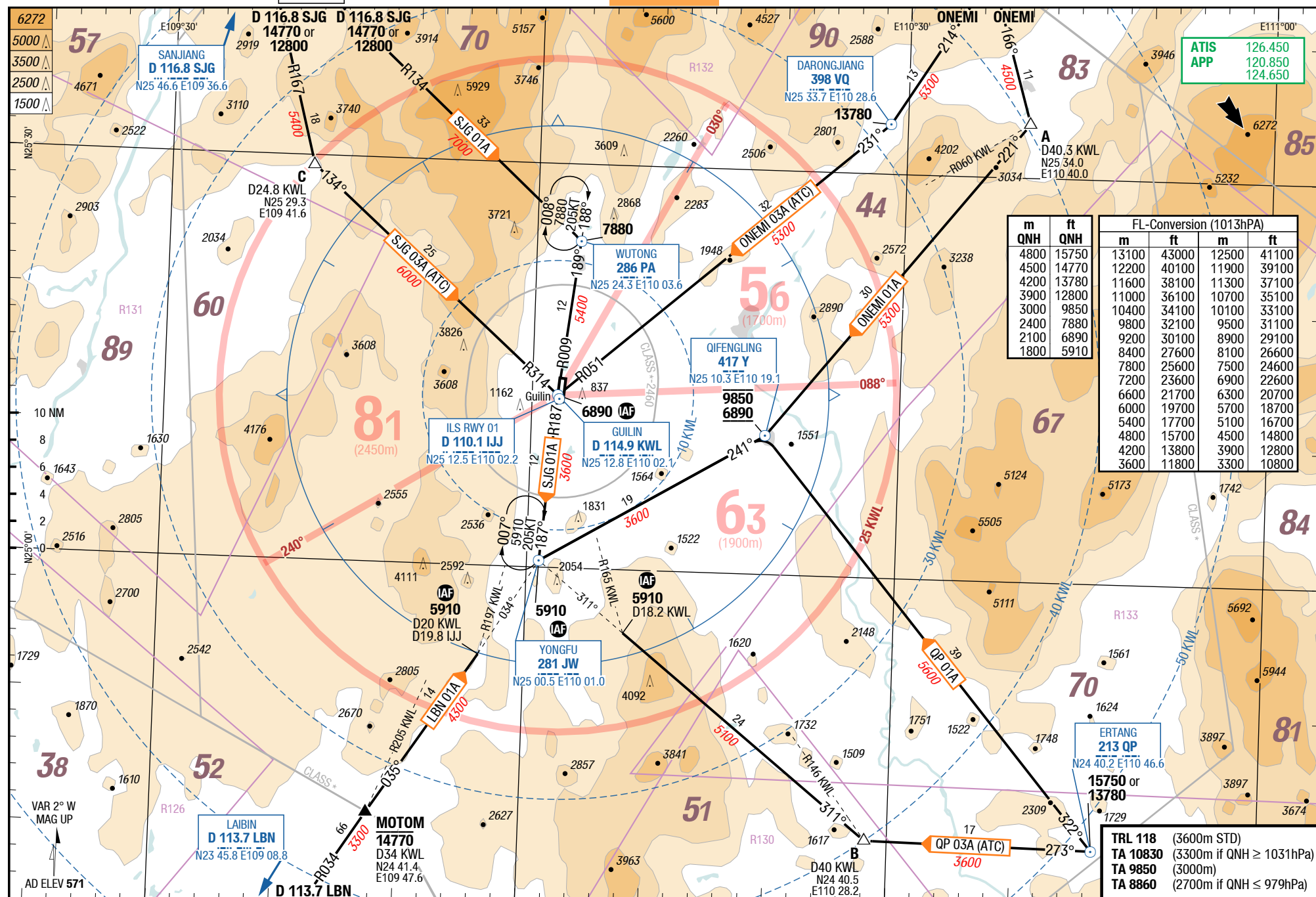
## STARs RWY 01

# STAR

# STAR

STARs RWY 19

## STARs RWY 01



Changes: Track, ALT, OBST, QNH Table, Editorial

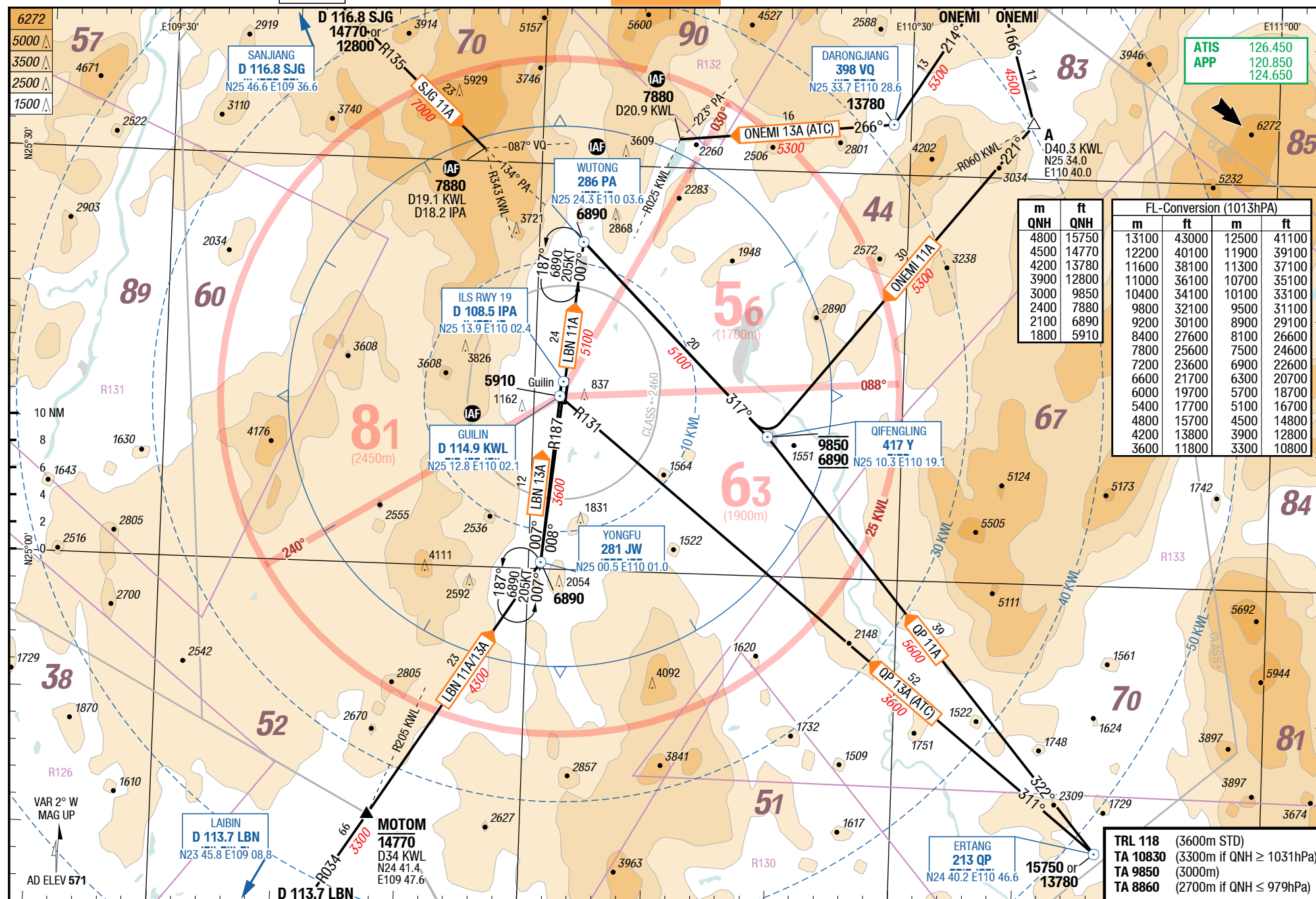
**KWL-ZGKL**

## STARs RWY 19

# STAR

# STAR

## STARs RWY 19



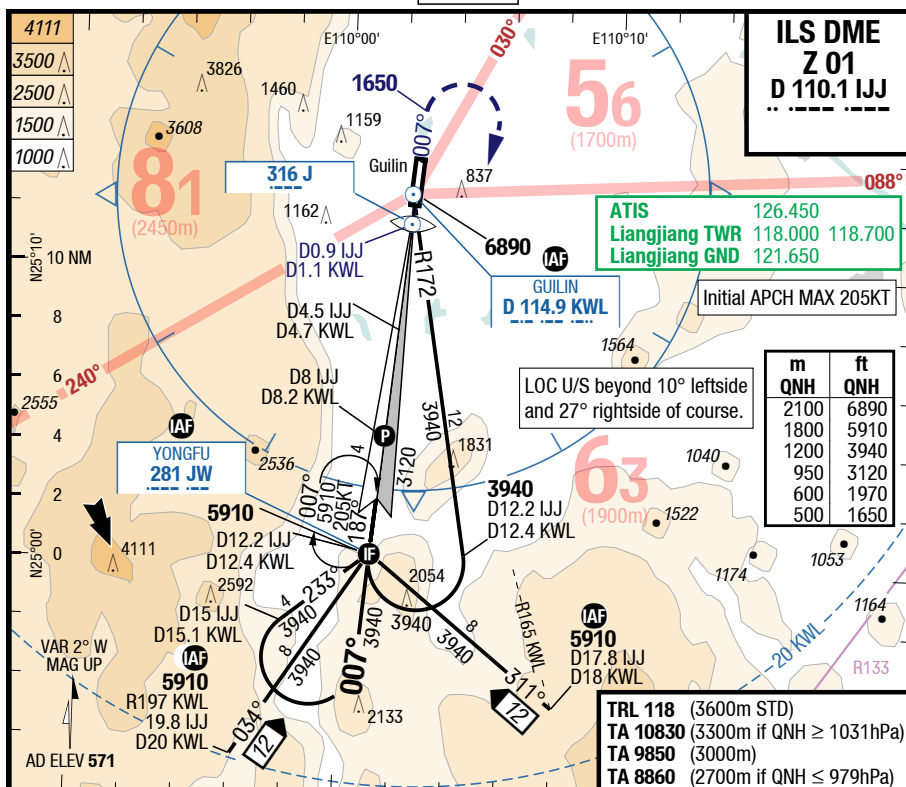
Changes: Track, ALT, OBST, QNH Table, Editorial

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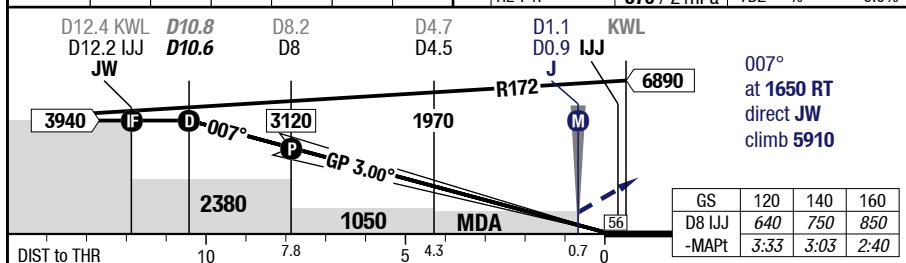
KWL-ZGKL

7-10

ILS DME Z 01



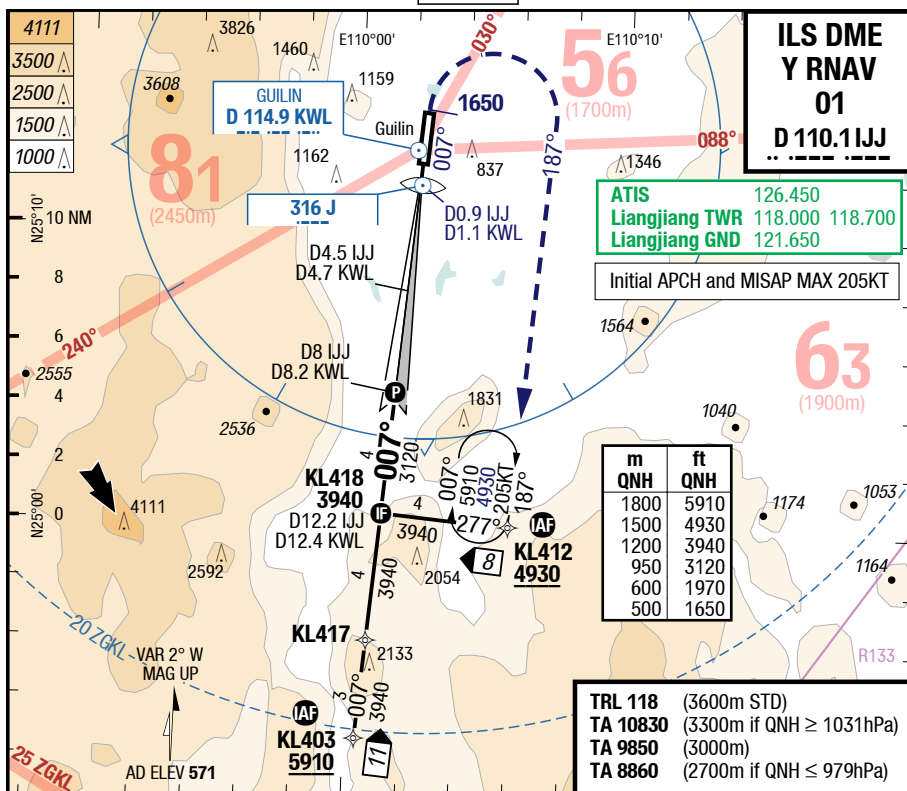
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	3940	2810	2160	1840	1520	1200									



01	Cat 1 DME	LOC DME	Circling E of RWY only	Circling W of RWY only
C	ft - m/km ft 200 - 550R/800V 770	370 - 1.3V 940	880 - 3.6V 1450	1350 - 4.4V 1920
D	ft - m/km ft 200 - 550R/800V 770	370 - 1.3V 940	890 - 4.4V 1460	1990 - 5.0V 2560

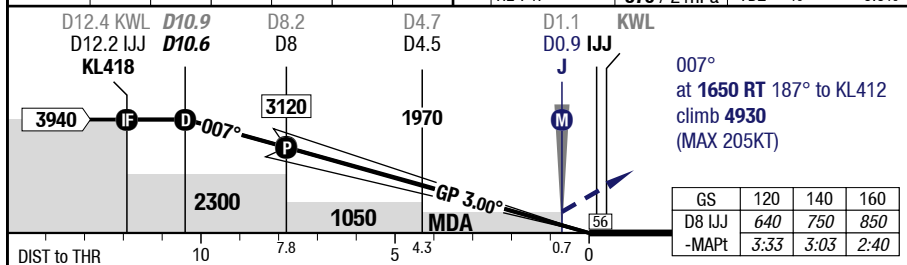
7-20

ILS DME Y RNAV 01



LOC 3.02° D IJJ	10.6	9	7	5	3	2
	3940	3450	2810	2160	1520	1200

HL-P1F 570 / 21hPa TDZ ---% 0.0%



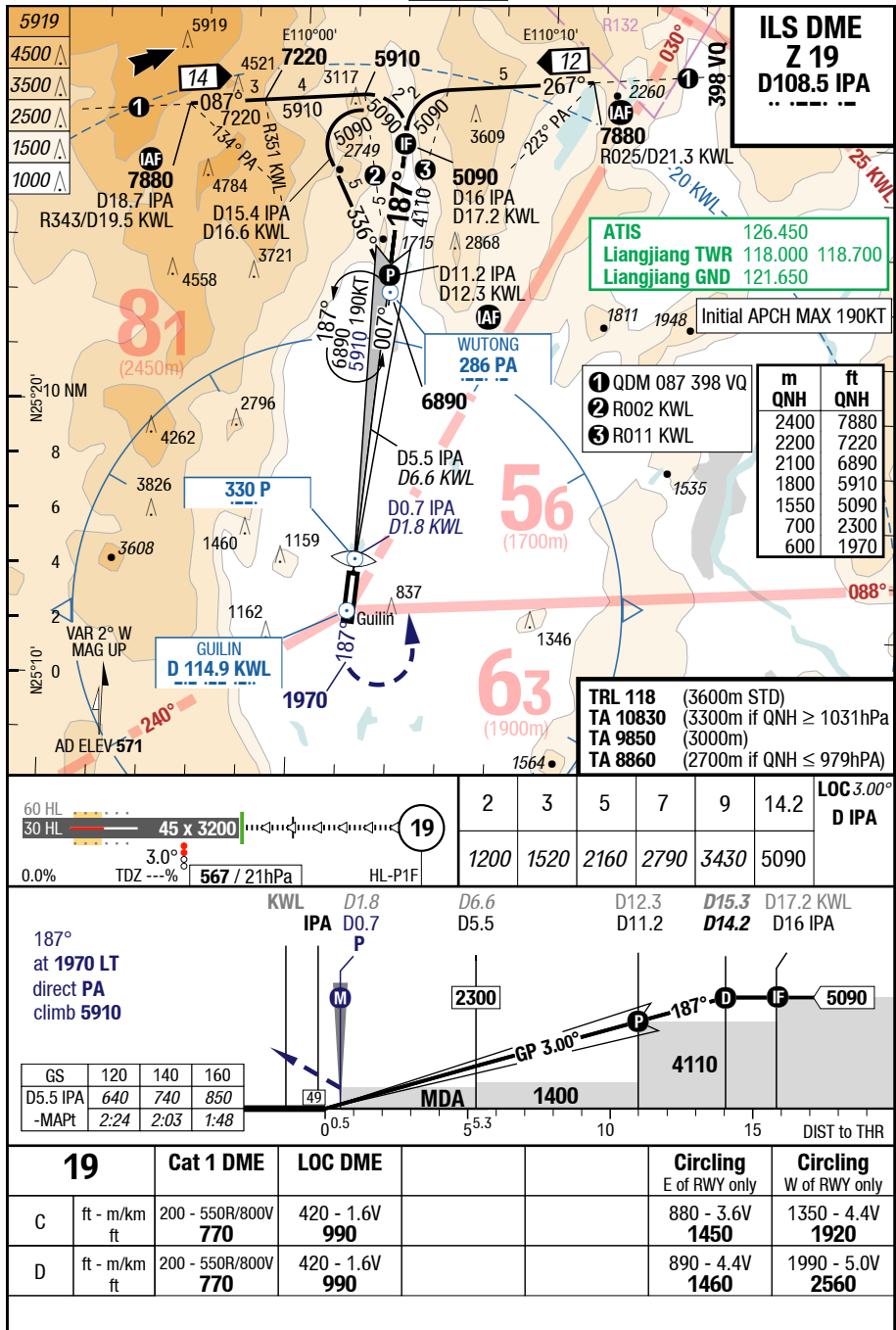
01	Cat 1 DME	LOC DME			Circling E of RWY only	Circling W of RWY only
C	ft - m/km ft	200 - 550R/800V 770	370 - 1.3V 940		880 - 3.6V 1450	1350 - 4.4V 1920
D	ft - m/km ft	200 - 550R/800V 770	370 - 1.3V 940		890 - 4.4V 1460	1990 - 5.0V 2560



## KWL-ZGKL

7-30

## ILS DME Z 19

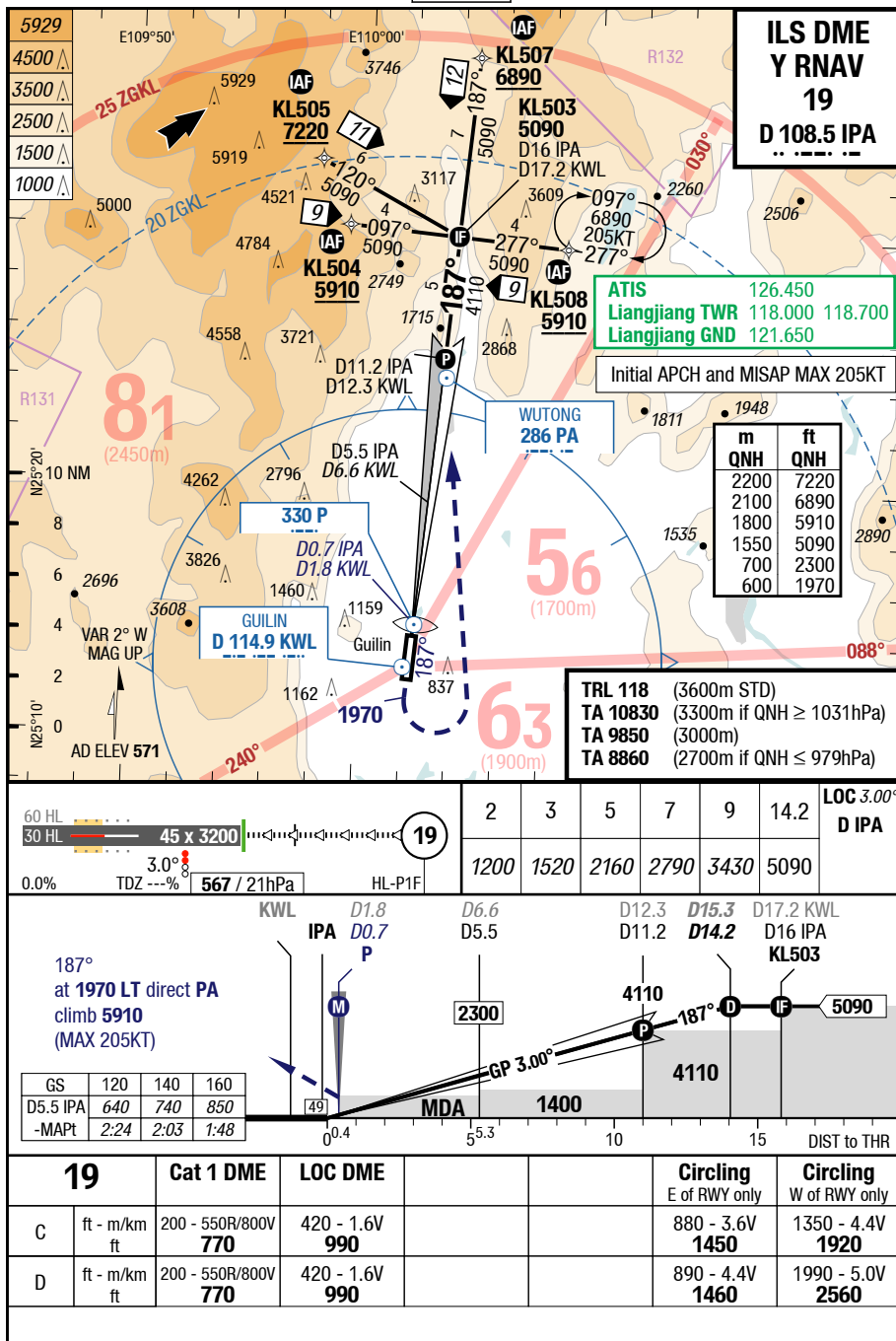




## KWL-ZGKL

7-40

## ILS DME Y RNAV 19



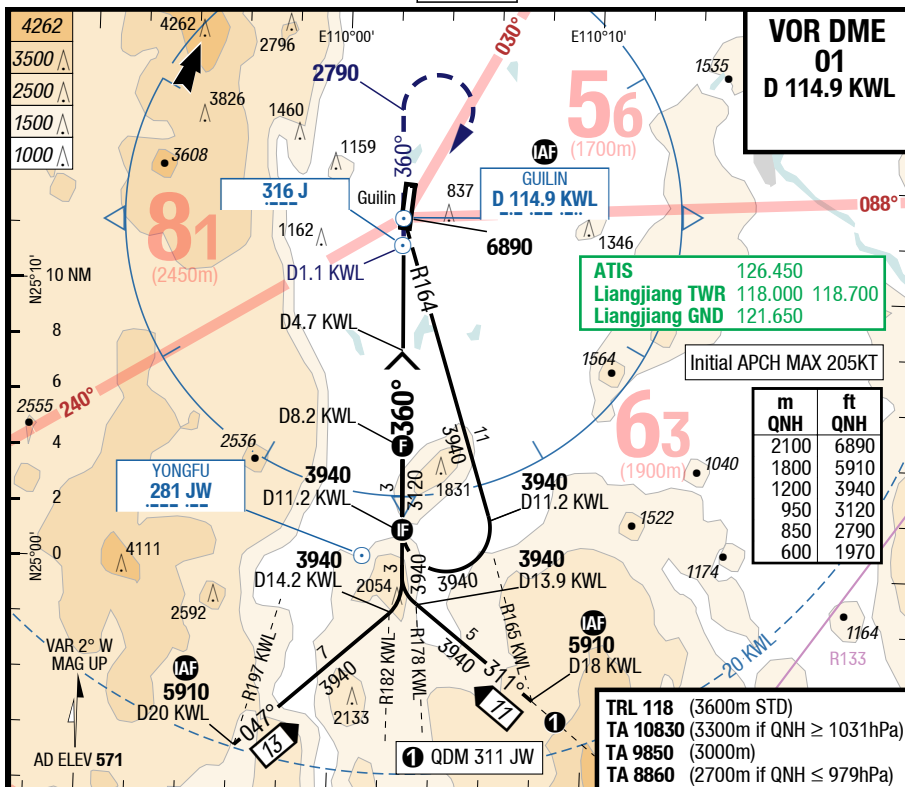
18-JAN-2018  
KWL-ZGKL

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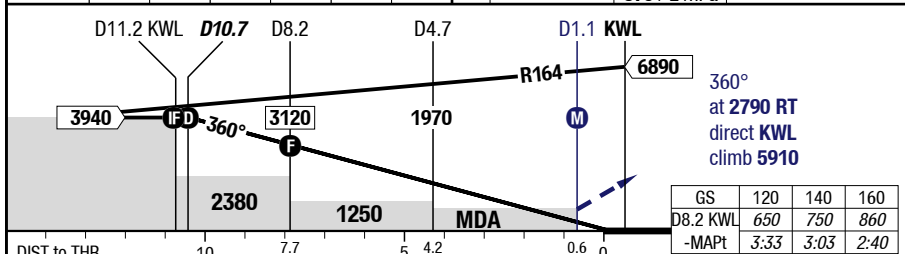
IAC

7-50

VOR DME 01



3.04°	10.7	8	7	6	4	3	3.0°	60 HL	30 HL
D KWL									
360°									
RWY 007°	3940	3060	2740	2420	1770	1450	HL-P1F	570 / 21hPa	TDZ ---% 0.0%



01	VOR DME					Circling	Circling
	GA 3.0%					E of RWY 01/19	W of RWY 01/19
C	ft - m/km	580 - 2.5V				880 - 3.6V	1350 - 4.4V
	ft	1150				1450	1920
D	ft - m/km	580 - 2.5V				890 - 4.4V	1990 - 5.0V
	ft	1150				1460	2560

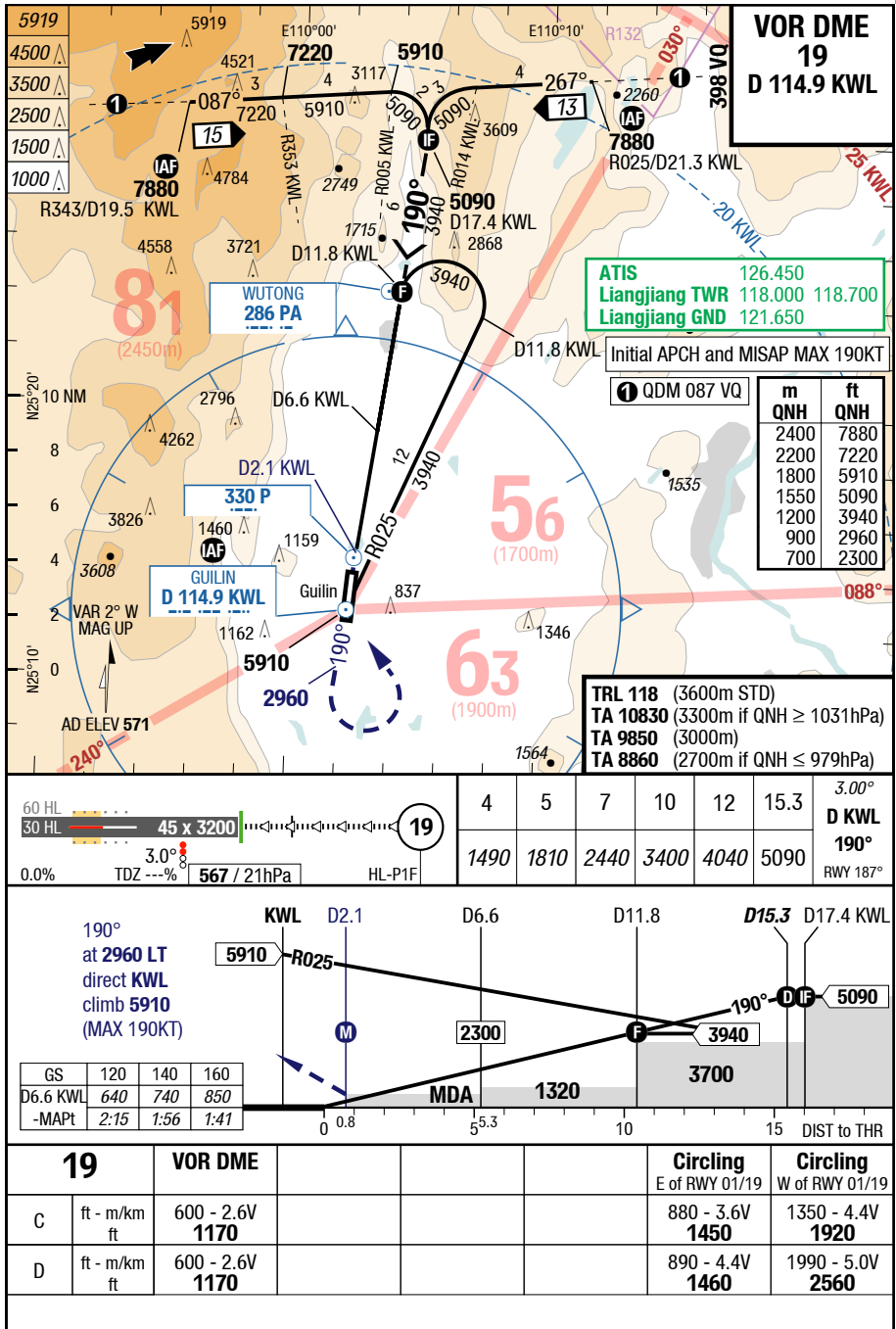
Changes: MIN

18-JAN-2018

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7-60

VOR DME 19



Changes: MIN

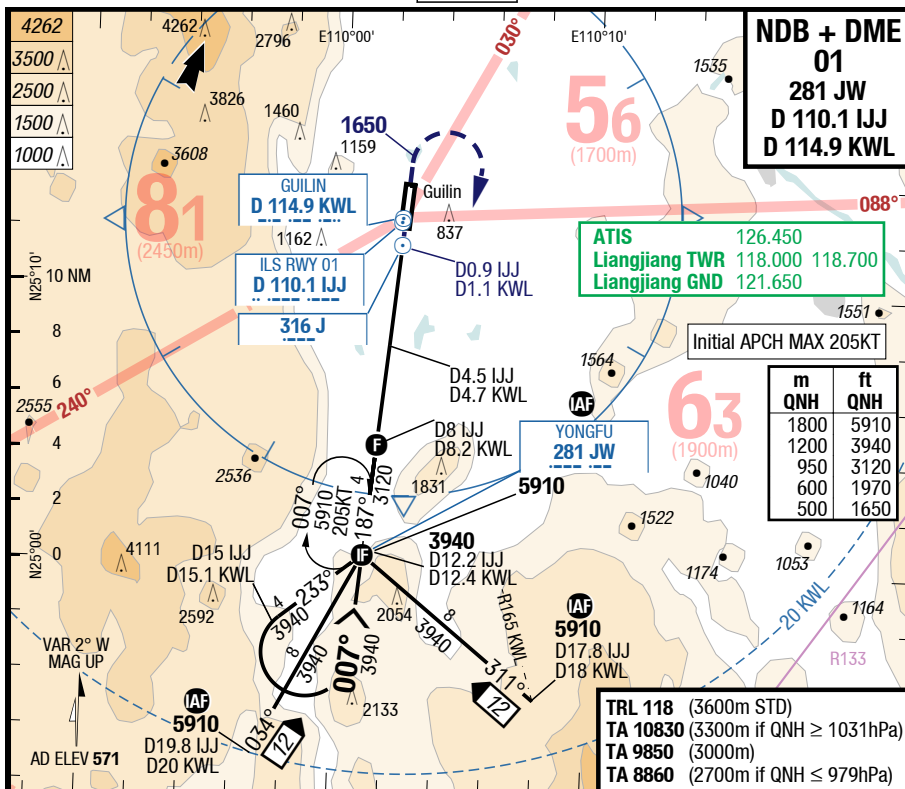
18-JAN-2018  
KWL-ZGKL

China Guilin Liangjiang

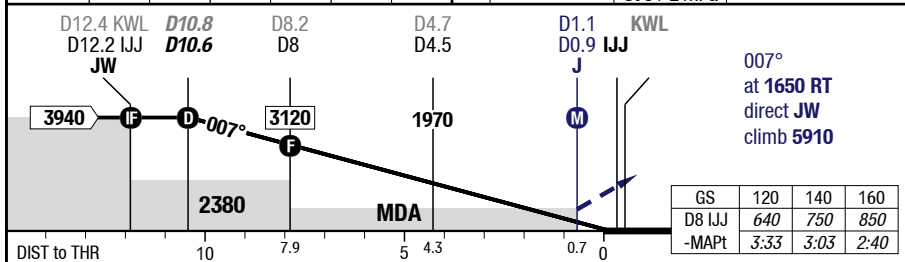
IAC

7-70

NDB + DME 01



3.01° D IJJ	10.6	7	5	4	3	2		60 HL	30 HL
	3940	2800	2160	1840	1520	1200			



01		NDB DME		Circling E of RWY 01/19		Circling W of RWY 01/19	
C	ft - m/km ft	550 - 2.3V 1120		880 - 3.6V 1450		1350 - 4.4V 1920	
D	ft - m/km ft	550 - 2.3V 1120		890 - 4.4V 1460		1990 - 5.0V 2560	

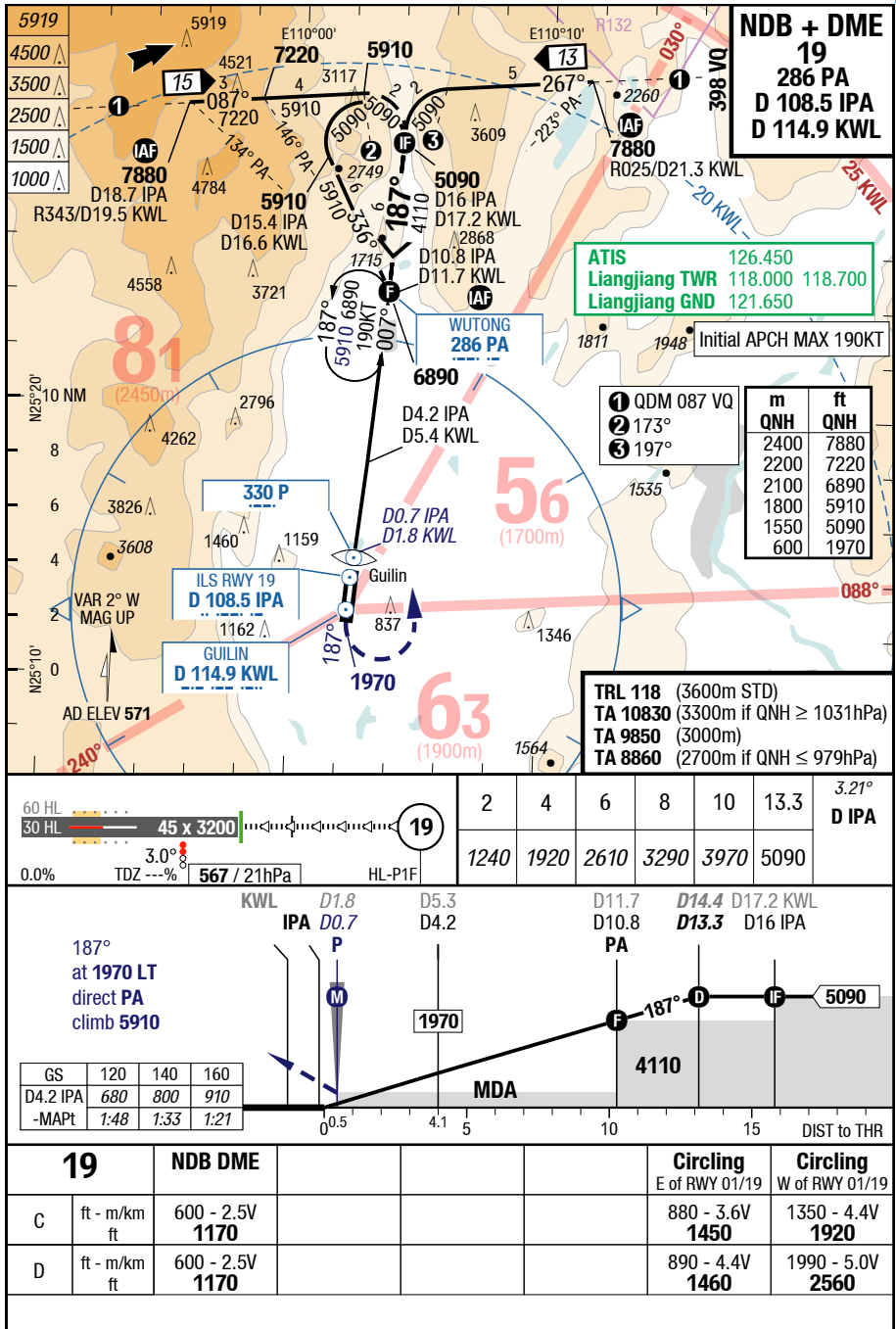
Changes: MIN

18-JAN-2018

KWL-ZGKL

7-80

NDB + DME 19



Changes: MIN