

GENERAL**Operational Hours****ATS Hours**

APR-SEP: 2100-1400

OCT-MAR: 2200-1300

AD ADMIN Hours: 2300-1400**Airport Information****RFF:** CAT 7**Fuel:** JP-8 0000-1230**PCN:** RWY 02: 0-660m / 0-2165ft 66/R/A/X/T
660-2250m / 2165-7382ft 93/F/B/W/T
2250-3000m / 7382-9843ft 75/R/B/W/T**Customs:** O/R**Operation****Traffic Note**

AD is PPR for INTL PAX Charter FLTs.

Low Visibility Procedure

Stage 1 (RVR below 750m)

Only 1 ACFT allowed to operate on TWY E.

INT of TWYs E and K2 is a compulsory reporting position.

Follow-me AVBL O/R.

Stage 2 (RVR below 550m)

Only one ACFT is allowed in the manouevring area.

Follow-me AVBL O/R.

TWY Restriction

180°-turn on TWY or on APN prohibited.

RWY Restriction

180°-turn on RWY end permitted only under special situation and with prior permission from ATC.

Warnings

Birds in vicinity of AD.

ARRIVAL**Speed**

Speed limitation of 250KT below 10000ft AMSL applies to IFR and VFR flights operating in classes B, C, D, E airspace.

Arrival Procedure**VFR Traffic Pattern**

CIV ACFT: RWY 02 right-hand circuit.

Non-standard GP intercept position on RWY 02

GP intercepts RWY 02 at 326m / 1069ft after landing threshold.

Remaining DIST beyond GP is 2674m / 8774ft.

DEPARTURE

Take-off Minima

RWY		02/20	
All ACFT	ft - m/km	0 - 550R/550V	REDL+RCLM, HJ only
1+2 ENG		0 - 800R/800V	REDL+RCLM, HN
3+4 ENG		0 - 1.6V	wo LGT, HJ only
		0 - 800R/800V	

Speed

Speed limitation of 250KT below 10000ft AMSL applies to IFR and VFR flights operating in classes B, C, D, E airspace.

Departure Procedure

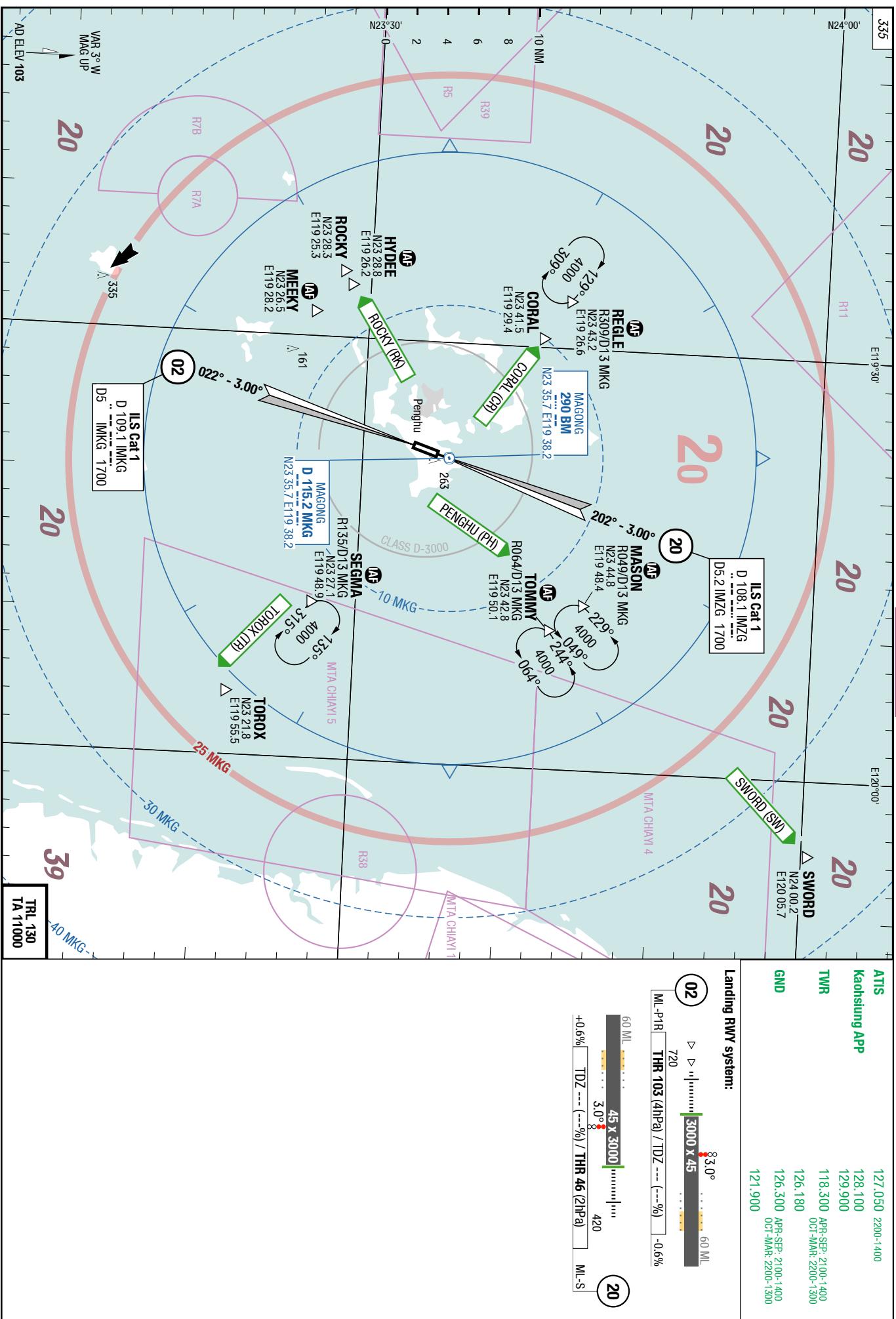
Start-up/Push-back

Cross bleed start is not permitted on APN.

Under certain circumstances with permission of AD OPS, the pilot will be informed that the ACFT will be towed to a parallel position to the assigned TWY, then perform cross bleed start.

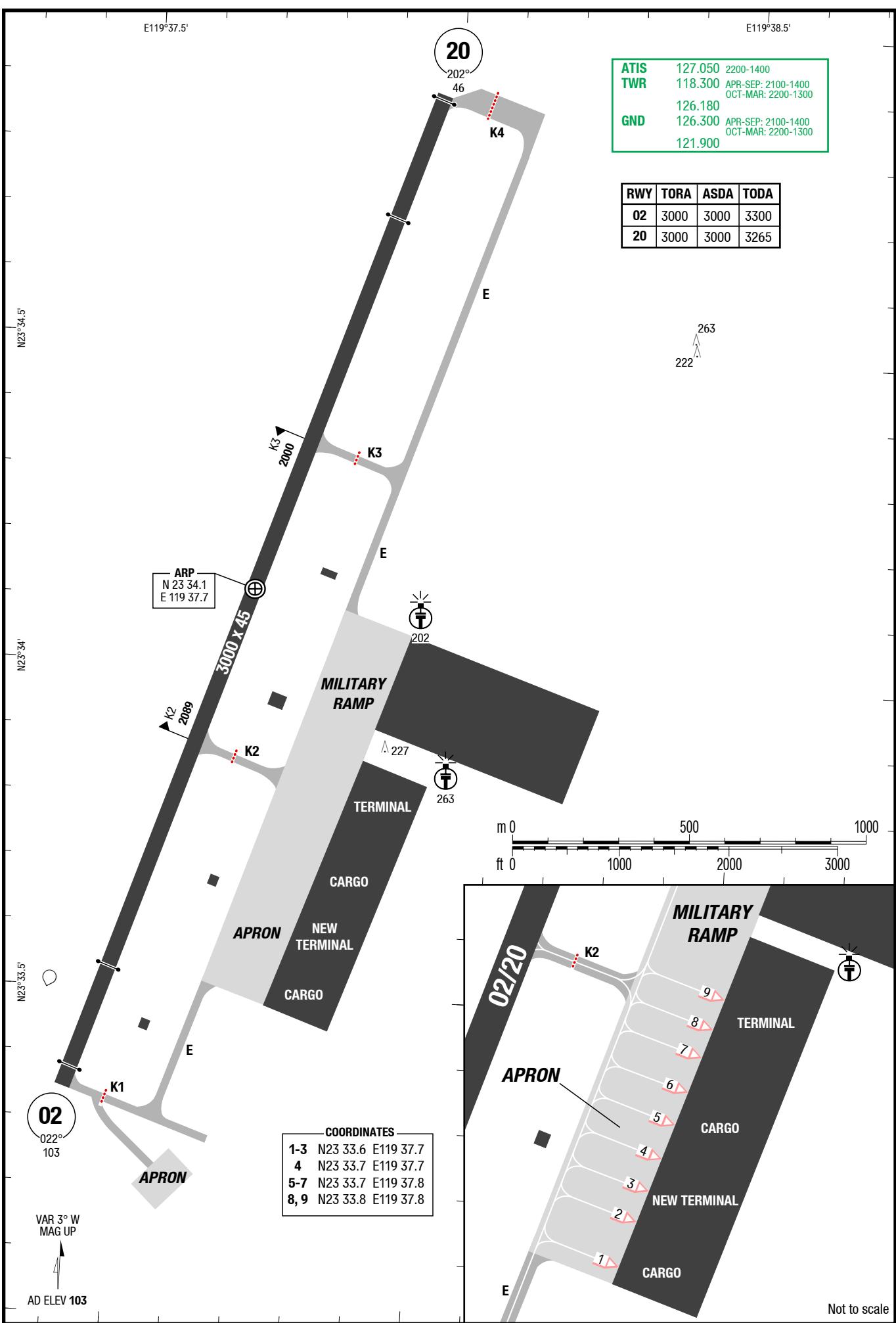
Departure Note

Unless a TKOF ALTN AD is AVBL, TKOF MIN must be greater than, or equal to the applicable LDG MIN.

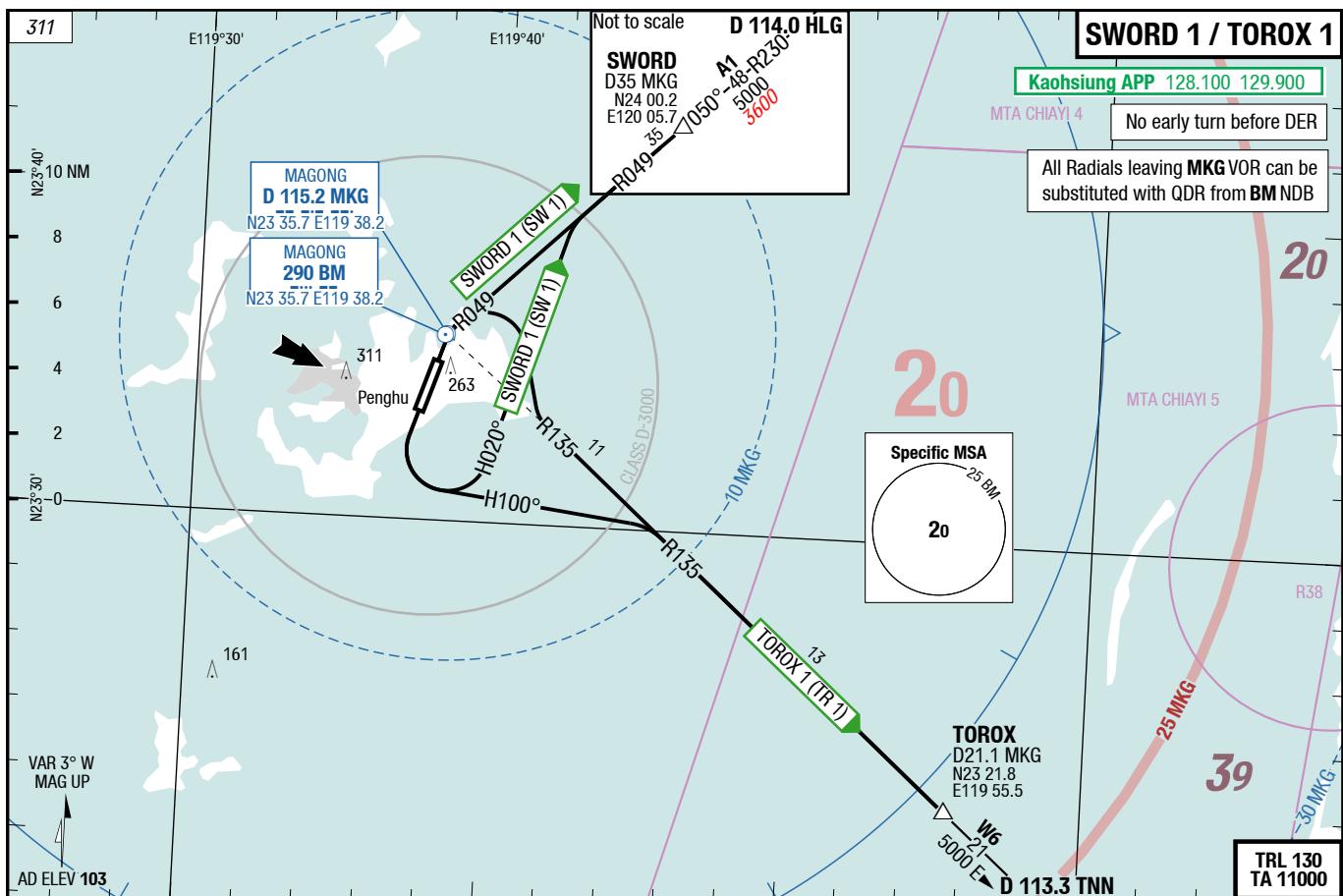


Landing RWY system:

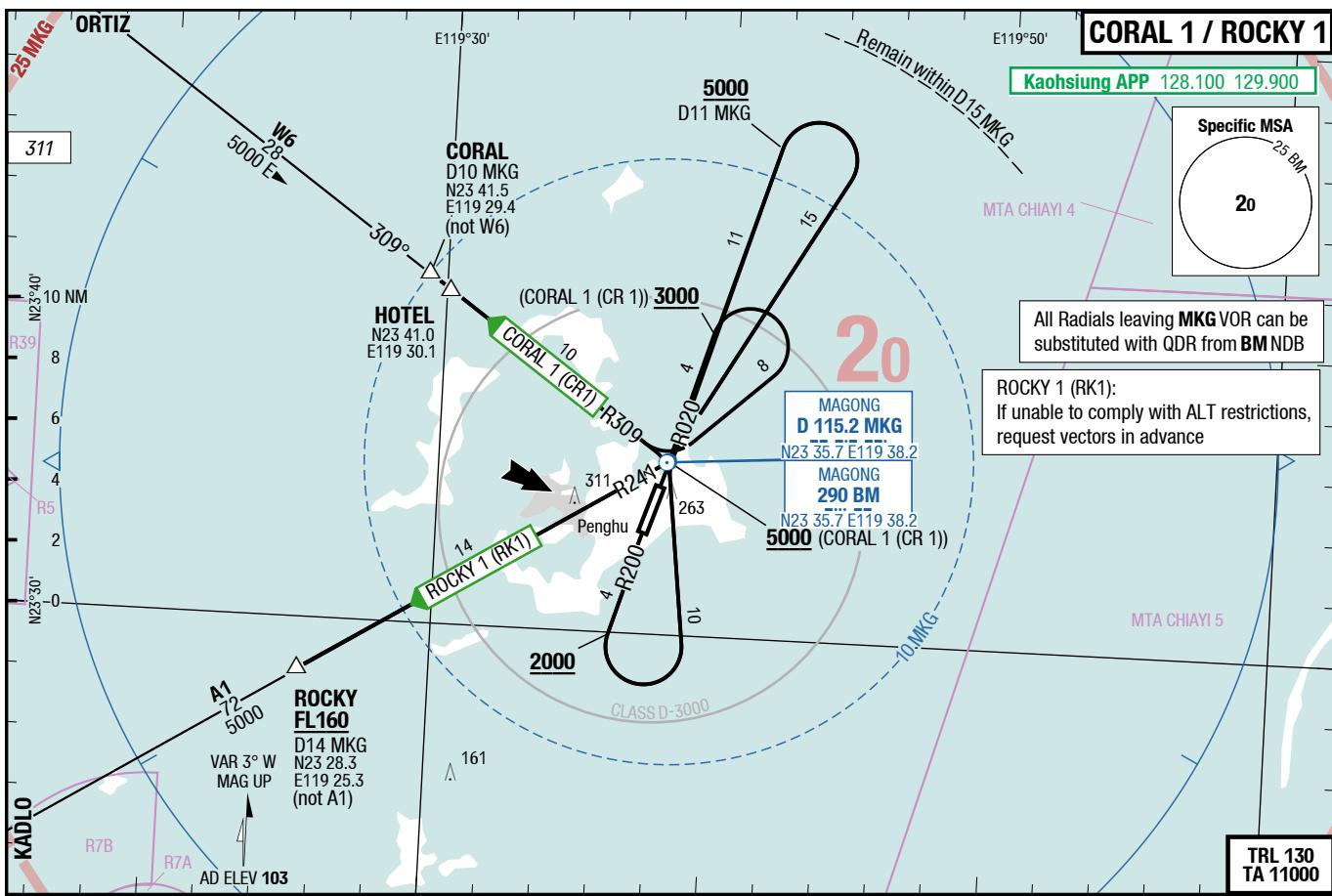
02 ▷ ▷ ▷ 3000 x 45 83.0° 60 Ml
 M.L.-P1R THR 103 (4hPa) / TDZ --- (-%) -0.6%
 60 Ml 45 x 3000 420
 +0.6% TDZ --- (-%) / THR 46 (2hPa) M.L.-S



Changes: OBST, AD Name



Changes: WPT, OBST, SUAs, AD Names



4-30

PENGHU RADAR 1

TRL 130
TA 11000

Changes: OBST, AWY, AD Name

SWORD 1 / TOROX 1

RWYs 02 (021°) / 20 (201°)

DESIGNATOR	ROUTING	ALTITUDES
Runway 02		
SWORD 1 SW 1 128.100 ①②	RT - intercept R049 MKG (QDR 049 BM) to SWORD - join AWY A1	
TOROX 1 TR 1 128.100 ①②	RT - intercept R135 MKG (QDR 135 GM) to TOROX - join AWY W6	
Runway 20		
SWORD 1 SW 1 128.100 ①②	LT HDG 020° - intercept R049 MKG (QDR 049 BM) to SWORD - join AWY A1	
TOROX 1 TR 1 128.100 ①②	LT HDG 100° - intercept R135 MKG (QDR 135 BM) to TOROX - join AWY W6	

① No early turn before DER

② Caution: close in obstacles 159ft MSL/794m and 131ft MSL/292m south of THR 02; 77ft MSL/436m north of THR 20.

MZG-RCQC

5-20

CORAL 1 / ROCKY 1

CORAL 1 / ROCKY 1

RWYs 02 (021°) / 20 (201°)

DESIGNATOR	ROUTING	ALTITUDES
Runway 02		
CORAL 1 CR 1 128.100 ①	R020 MKG (QDR 020 BM) - at 3000 RT (within D15 MKG) to MKG/BM - R309 MKG (QDR 309 BM) to CORAL - join AWY W6	MKG/BM MNM 5000
ROCKY 1 RK 1 128.100 ①②	R020 MKG (QDR 020 BM) - at D11 MKG RT (within D15 MKG) to MKG/BM - R241 MKG (QDR 241 BM) to ROCKY - join AWY A1	D11 MKG MNM 5000 ROCKY MNM FL160
Runway 20		
CORAL 1 CR 1 128.100 ①	R200 MKG (QDR 200 BM) - at 2000 LT to MKG/BM - R309 MKG (QDR 309 BG) to CORAL - join AWY W6	MKG/BM MNM 5000
ROCKY 1 RK 1 128.100 ①②	R200 MKG (QDR 200 BM) - at 2000 LT to MKG/BM - R020 MKG (QDR 020 BM) - at D11 MKG RT (within D15 MKG) to MKG/BM - R241 MKG (QDR 241 BM) to ROCKY - join AWY A1	D11 MKG MNM 5000 ROCKY MNM FL160

① Caution: close-in OBST 159ft MS/794m and 131ft MSL/292m south of THR 02; 77ft MSL/436m north of THR 20

② If unable to comply with ALT restrictions, request vectors in advance

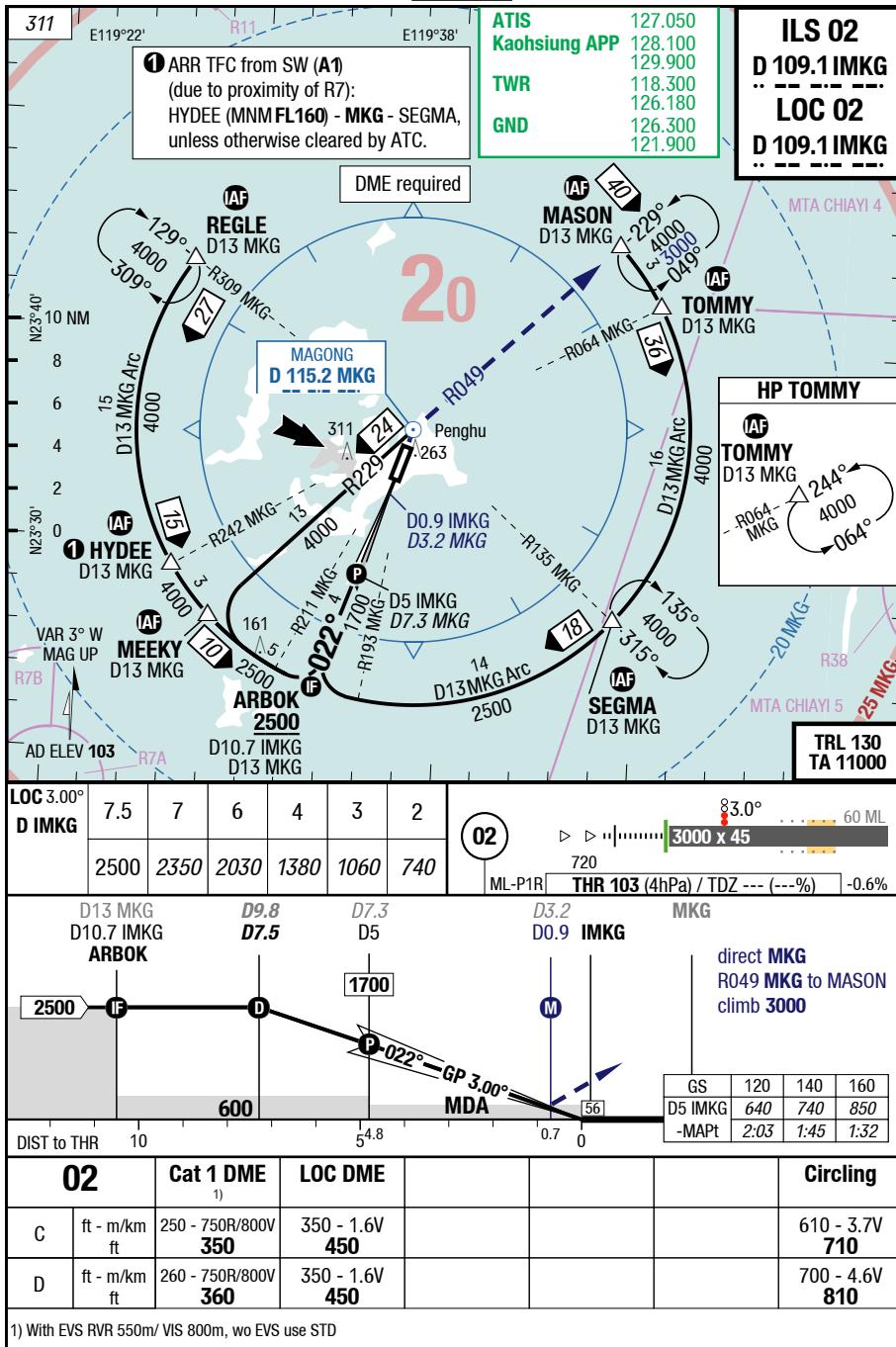
PENGHU RADAR 1

RWYs 02 (021°) / 20 (201°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 02	
PENGHU RADAR 1 PH 1 128.100	HDG 021° - climb to ATC assigned ALT and expect vectors to assigned route/fix	
	Runway 20	
PENGHU RADAR 1 PH 1 128.100	HDG 201° - climb to ATC assigned ALT and expect vectors to assigned route/fix	

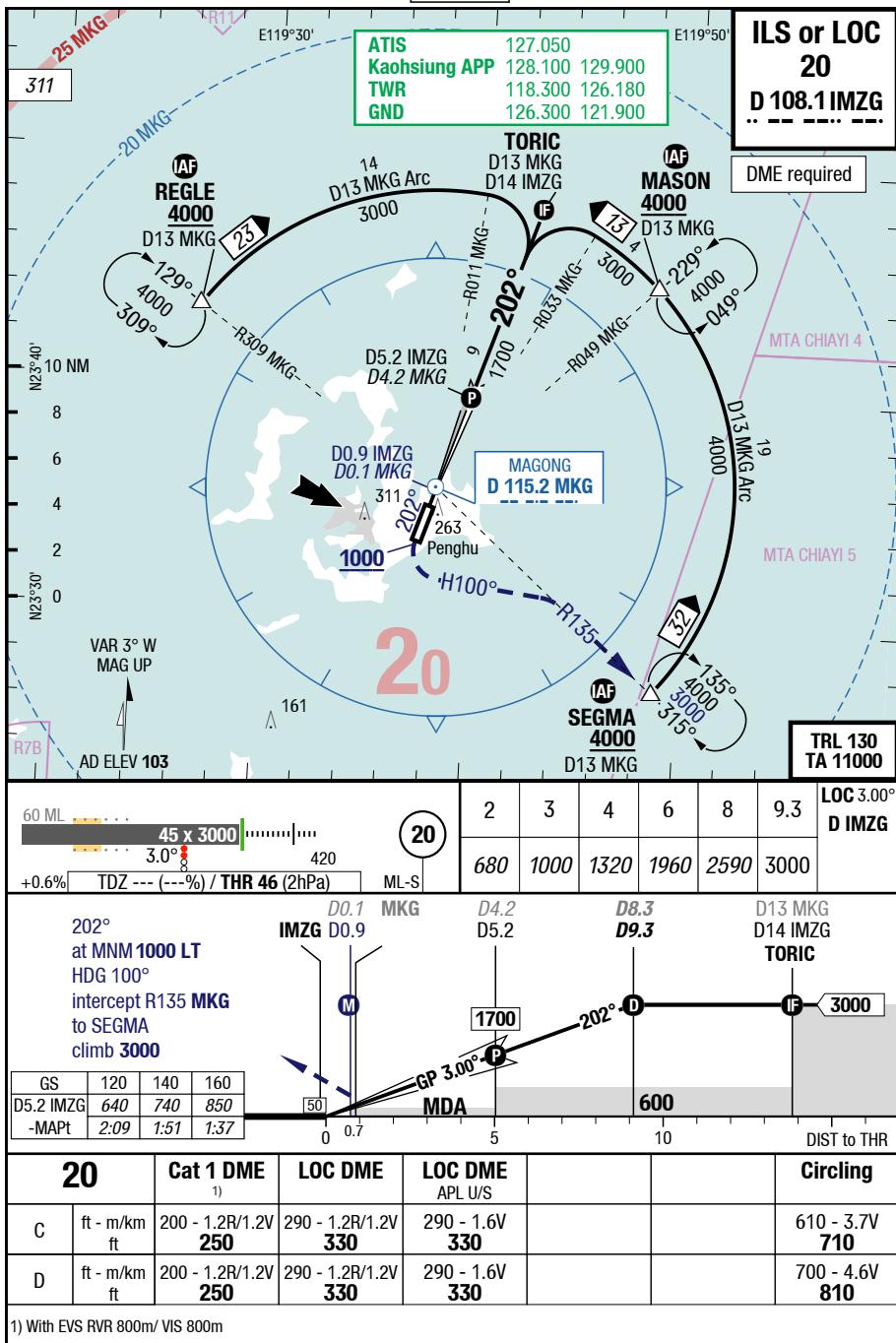
7-10

ILS 02 / LOC 02



7-20

ILS or LOC 20



RNAV (GNSS) 02

RNAV (GNSS) 02

RNP APCH
GNSS required

ATIS	127.050
Kaohsiung APP	128.100
	129.900
TWR	118.300
	126.180
GND	126.300
	121.900

**TRL 130
TA 11000**

RNAV (GNSS) 02
RNP APCH GNSS required

ATIS	127.050
Kaohsiung APP	128.100
	129.900
TWR	118.300
	126.180
GND	126.300
	121.900

RNAV (GNSS) 02 Route RW02

Key Points:

- Penghu:** Located near the northern tip of the Penghu Islands.
- Waypoints:** HUAYU (4000ft), WANAN (3000ft), TONJI (4000ft).
- Segments:** R7A, R7B, 20 RCQC, 25 RCQC.
- Heads up:** VAR 3° W MAG UP.
- AD ELEV 103:** Reference elevation 103.
- MTA CHIAYI 5:** Reference point for TRL 130 TA 11000.

ATIS, TWR, and GND Frequencies:

ATIS	127.050
Kaohsiung APP	128.100
	129.900
TWR	118.300
	126.180
GND	126.300
	121.900

3.00° RW02 021° RWY 022°	8.9	8	6	4	3	2	83.0° 3000 x 45 720 ML-P1R THR 103 (4hPa) / TDZ --- (---%) -0.6%
	3000	2710	2070	1430	1120	800	

Runway RW02 at HUJIN diagram showing takeoff and climb paths. The diagram includes the following key elements:

- Runway RW02:** Indicated by a grey box with numbers 3000, 600, and 50.
- Runway RW02 at HUJIN:** Indicated by a grey box with numbers 1750 and 50.
- WANAN:** Indicated by a grey box with numbers 3000 and 600.
- MDA:** Minimum Descent Altitude is marked at 50 meters.
- Distances:** DIST to THD values are shown as 11, 10, 8.9, and 5.
- Heads-up Display (HUD) Data:** Includes GS (Ground Speed) values of 120, 140, 160, and 850; HUJIN values of 640, 740, and 850; and -MAPT values of 2:30, 2:09, and 1:52.
- WANAN Data:** Includes N23 33.3 and E119 37.4.
- WANAN Coordinates:** 11 RW02, 8.9, and 5.
- WANAN Altitude:** 021° at 800 RT direct TONJI climb 4000.
- WANAN Icons:** Icons for F (Flight Director), D (Descent), and M (Maneuver).
- WANAN Angle:** 021°.

02		RNAV GNSS VNAV 1)2)	RNAV GNSS LNAV	RNAV GNSS LNAV APL U/S			Circling
C	ft - m/km ft	310 - 750R/800V 410	330 - 1.6V 430	330 - 1.6V 430			Not published
D	ft - m/km ft	310 - 750R/800V 410	330 - 1.6V 430	330 - 1.6V 430			Not published

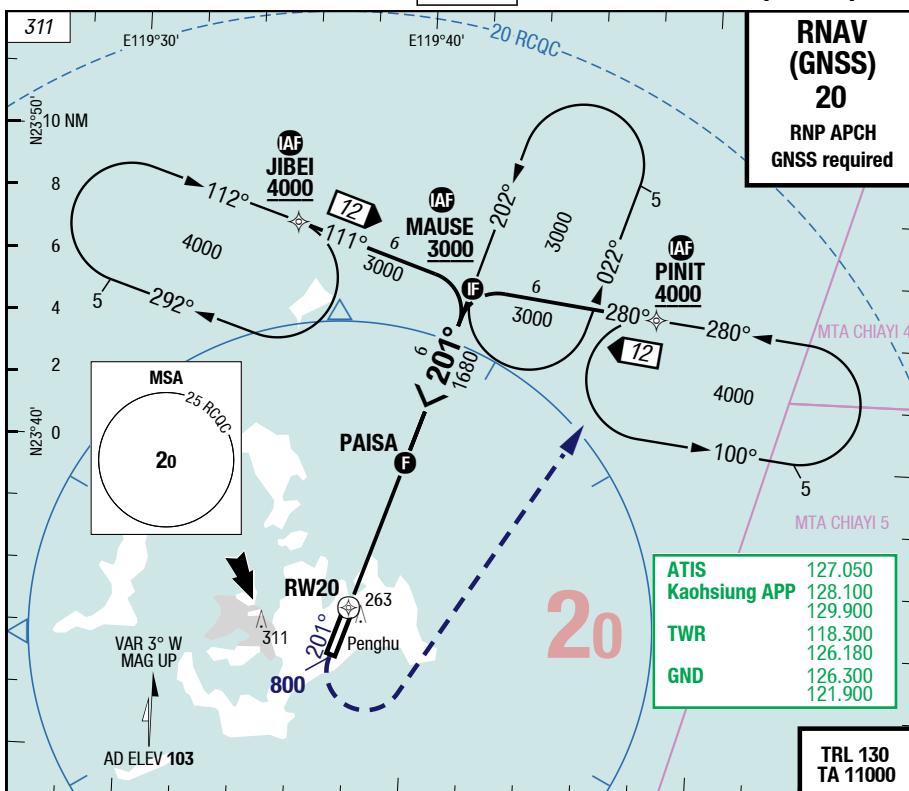
1) With EVS BVB 550m/ VIS 800m, wo EVS use STD

2) Uncompensated BABO VNAV NA below 0°C (32°F)

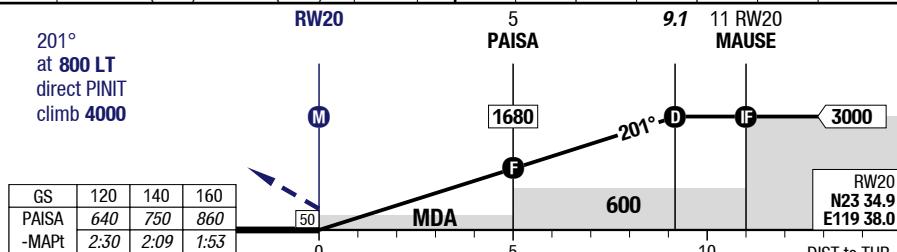
MZG-RCQC

7-40

RNAV (GNSS) 20



201°	5	9.1	3.0°
RW20	PAISA	11 RW20	RW20
201°	1680	MAUSE	201°
at 800 LT	D		RWY 202°
direct PINIT			
climb 4000	F	3000	



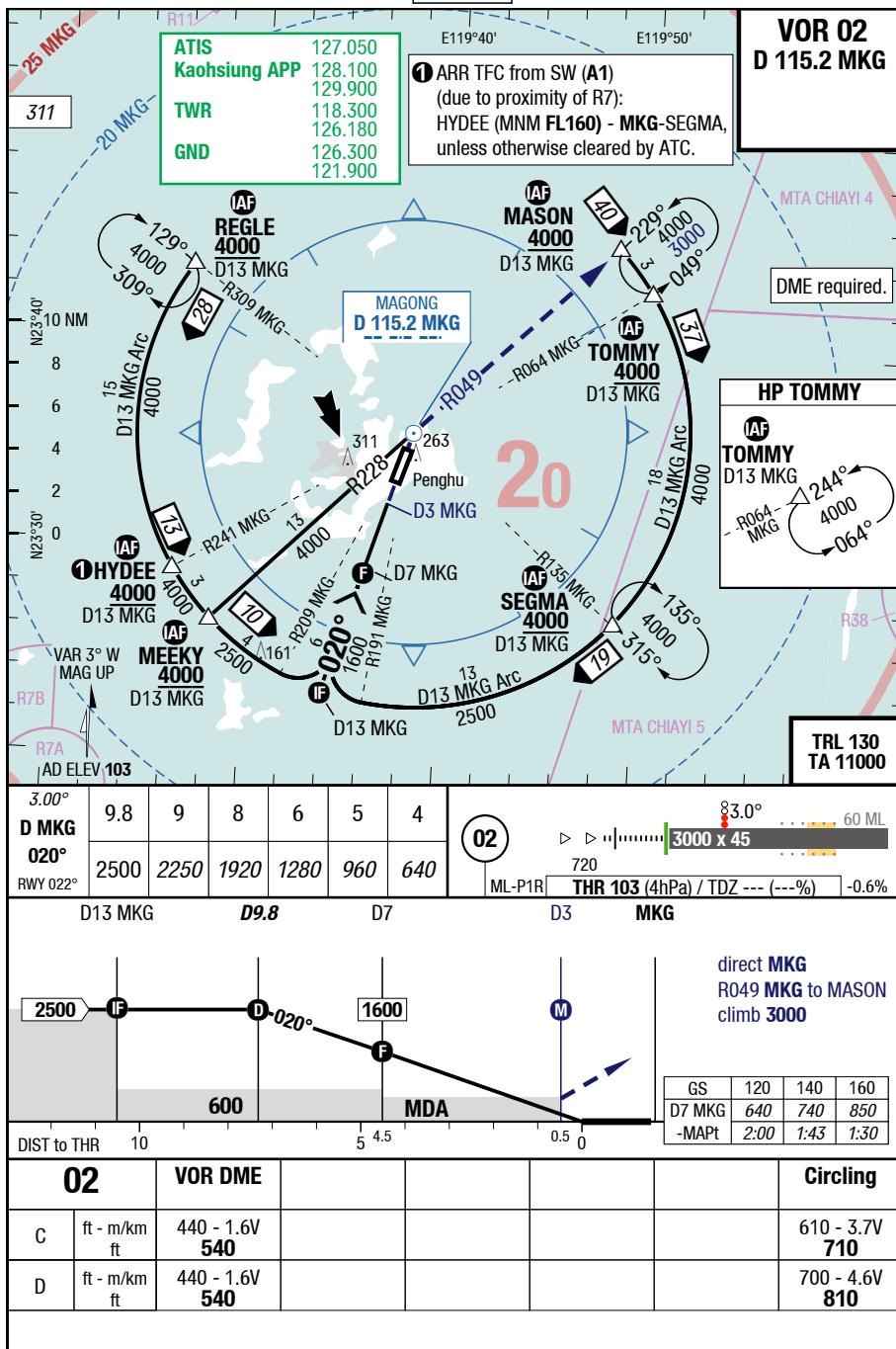
20		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV	Circling			
C	ft - m/km ft	300 - 1.2R/1.2V 340	470 - 2.0V 510				Not authorized
D	ft - m/km ft	300 - 1.2R/1.2V 340	470 - 2.0V 510				Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)
2) With EVS RVR 800m/ VIS 800m

Changes: APL, OBST, AD Name

7-50

VOR 02



7-60

VOR 20

