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Ministry of Land, Infrastructure and Transport
Office of Civil Aviation
11, Doum 6-ro, Sejong-si, 30103, Republic of Korea

AMENDMENT NR 9/24

19 SEP 2024

AIRAC

AIP AMENDMENT NR 9/24

(Effective : 1600UTC 30 OCT 2024)

1. SIGNIFICANT INFORMATION AND CHANGES

1.1 Enroute

a) Information of fix name(KAINA → SANIB).

1.2 Incheon INTL Airport

a) Information of diagram of apron, procedures for start-up & push back and item numbers.
b) Information of departure, arrival routes and TCP for apron 3.
c) Withdrawal of VFR reporting points R, N and Establishment of VFR reporting points L, M, G.
d) Establishment of name of taxilane RW, RE and Information of GSE road.
e) Information of landing minima(OCA(H)) and note.

1.3 Gimpo INTL Airport

a) Establishment of ground holding procedures(2.3) and Information of item numbers.
b) Withdrawal of SMCGS arrival taxi route for RWY 14L, RWY 32R/L and RWY 32L.
c) Establishment of VFR reporting point G and designation of intermediate holding positions(BOKUM, NUNPI, SAMKU).
d) Establishment of note for circuit.
e) Information of landing minima(OCA(H)) and note.

1.4 Jeju INTL Airport

a) Information of landing minima(OCA(H)).

1.5 Gimhae INTL Airport

a) Information of pushback procedures for ACFT stand NR. 25.

1.6 Yangyang INTL Airport

a) Information of landing minima(OCA(H)).

1.7 Muan INTL Airport

a) Information of instrument approach procedure for RWY 19, THR ELEV and landing minima(OCA(H)).

1.8 Yeosu Airport

a) Information of landing minima(OCA(H)).

1.9 Ulsan Airport

a) Information of landing minima(OCA(H)).

1.10 Seoul Airport

a) Information of fix name(KAINA → SANIB).

1.11 Uljin Airport

a) Information of landing minima(OCA(H)).

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END

3.14 RKPU

Name-code designator [pronunciation]					Coordinates	ATS route or other route	Remarks
1					2	3	4
◇	**BINJO**	5LNC	[binjo]	[빈조]	354144N 1291913E	IAP	RKPU
◇	**DOGDI**	5LNC	[dokdi]	[독디]	355536N 1291203E	STAR	RKPU
◇	**DOOBU**	5LNC	[dubu]	[두부]	353055N 1292130E	IAP	RKPU
◇	**GODIS**	5LNC	[godis]	[고디스]	353931N 1292034E	IAP	RKPU
△	**HAEGU**	5LNC	[hægu]	[해구]	353207N 1293232E	STAR, IAP	RKPU
◇	**IGMEL**	5LNC	[igmel]	[이그멜]	353818N 1292026E	IAP	RKPU
◇	**KALUS**	5LNC	[kalus]	[칼루스]	354137N 1291915E	IAP	RKPU
◇	**LUKLI**	5LNC	[lukli]	[루클리]	352554N 1292155E	IAP	RKPU
△	**MAKKY**	5LNC	[maki:]	[마키]	355219N 1291536E	STAR, IAP	RKPU
◇	**ONAPU**	5LNC	[onapu]	[오나푸]	353354N 1292115E	IAP	RKPU
◇	**RIMTA**	5LNC	[rimta]	[림타]	353842N 1292051E	IAP	RKPU
△	**SEDMO**	5LNC	[sedmo]	[세드모]	354827N 1291655E	IAP	RKPU
◇	**PU402**	5ANNC	-	-	354414N 1291821E	IAP	RKPU
◇	**PU403**	5ANNC	-	-	353916N 1292006E	IAP	RKPU
◇	**PU406**	5ANNC	-	-	353129N 1292252E	IAP	RKPU
◇	**PU407**	5ANNC	-	-	352930N 1292137E	IAP	RKPU
◇	**PU408**	5ANNC	-	-	352953N 1292833E	IAP	RKPU
◇	**PU501**	5ANNC	-	-	352618N 1292903E	IAP	RKPU
◇	**PU701**	5ANNC	-	-	353445N 1292435E	STAR	RKPU
◇	**PU751**	5ANNC	-	-	354713N 1292446E	STAR	RKPU
◇	**PU752**	5ANNC	-	-	355357N 1292219E	STAR	RKPU
◇	**PU801**	5ANNC	-	-	353809N 1292054E	SID	RKPU
◇	**PU802**	5ANNC	-	-	354948N 1291509E	SID	RKPU
◇	**PU803**	5ANNC	-	-	354246N 1291935E	SID	RKPU
◇	**PU851**	5ANNC	-	-	353159N 1292212E	SID	RKPU
◇	**PU852**	5ANNC	-	-	353651N 1291617E	SID	RKPU
◇	**PU853**	5ANNC	-	-	354129N 1291852E	SID	RKPU
◇	**RW180**	5ANNC	-	-	353609N 1292104E	IAP	RKPU

3.15 RKSM

Name-code designator [pronunciation]					Coordinates	ATS route or other route	Remarks
1					2	3	4
△	**BAVIX**	5LNC	[baviks]	[바빅스]	373332N 1272211E	IAF	RKSM
◇	**BIDBA**	5LNC	[bidba]	[비드바]	372033N 1271914E	SID	RKSM
◇	**BORNU**	5LNC	[bornu]	[보르누]	371932N 1270529E	IAF	RKSM
◇	**BUNDA**	5LNC	[bunda]	[분다]	373916N 1270900E	IAF	RKSM
◇	**GUKOB**	5LNC	[gukob]	[구콥]	370620N 1270802E	IAF	RKSM
◇	**SANIB**	5LNC	[sanib]	[사닙]	371435N 1270437E	IAF	RKSM
◇	**KLAIN**	5LNC	[klain]	[클라인]	372009N 1270639E	IAF	RKSM
◇	**LETGI**	5LNC	[letgi]	[레트기]	372343N 1270614E	IAF	RKSM
◇	**MEESA**	5LNC	[mi:sa]	[미사]	373443N 1271444E	SID	RKSM
◇	**MILOO**	5LNC	[milu:]	[밀루]	372904N 1270711E	IAF	RKSM
△◇	**MUGAR**	5LNC	[mugar]	[무가르]	371745N 1271908E	SID	RKSM
△◇	**PINEV**	5LNC	[pinev]	[피네브]	371510N 1271904E	SID	RKSM
◇	**SCURU**	5LNC	[skuru]	[스쿠루]	373418N 1270807E	IAF	RKSM
◇	**TORIA**	5LNC	[toria]	[토리아]	373802N 1272130E	IAF	RKSM
◇	**UNTOM**	5LNC	[əntom]	[언톰]	371509N 1270628E	IAF	RKSM
◇	**UNVET**	5LNC	[ənvet]	[언배트]	372502N 1270651E	IAF	RKSM
◇	**UPTAD**	5LNC	[uptæd]	[업태드]	372721N 1271104E	SID	RKSM
◇	**VEMUM**	5LNC	[veməm]	[베멈]	373221N 1272012E	SID	RKSM
◇	**VINOT**	5LNC	[vinot]	[비노트]	372213N 1271756E	IAF	RKSM
◇	**WADIO**	5LNC	[wadio]	[와디오]	372457N 1270627E	IAF	RKSM
◇	**YEOJU**	5LNC	[jəzu]	[여주]	372446N 1272649E	SID	RKSM

Change : Information of fix name(KAINA → SANIB).

RKSI AD 2.20 LOCAL AERODROME REGULATIONS

1. Airport regulations

1.1 Pilots are strongly required to monitor VHF 121.5 MHz when flying within SEOUL TMA.

1.2 Pilots shall exercise extreme caution to avoid penetrating Prohibited Area (P518, P73A/B, etc) or Special Use Airspace (ACMI, R17, etc), especially when flying north of R 270 and R 080 NCN around Incheon INTL Airport. (Refer to RKSI AD 2.19 Radio Navigation and landing Aids.)

1.3 Pilots should always make sure that microphones are not stuck in the transmitting position before transmission in order to prevent frequency blockage (stuck mike) from impairing ATC.

1.4 High Intensity Runway Operation(HIRO)
HIRO will be in force when runway surface condition is dry and adverse weather condition is not present. When HIRO are in force, ATC will inform via ATIS(Phrase : High Intensity Runway Operation in force. Minimum Runway Occupancy Time required) or RTF.

1.4.1 Landing Procedures

a. During HIRO in force, pilots are strongly requested to use the following preferred rapid exit taxiways or vacate the landing runway within 60 SEC of timeframe. Aircraft unable to comply with these procedures should notify ATC as early as possible.

b. Pilots are encouraged to apply proper deceleration technique take into account the following distance information of rapid exit taxiway to avoid decelerating to taxi speed on midpoint of landing runway and minimize runway occupancy time.

RWY	Rapid Exit Taxiway	Distance from Threshold
15L	**C2**	7 381 ft / 2 250 m
	C1, **D1**(to cargo apron 1, 2)	8 418 ft / 2 566 m
15R	**B3**	7 381 ft / 2 250 m
	B2	8 418 ft / 2 566 m
33L	**B4**	7 381 ft / 2 250 m
	B5	8 418 ft / 2 566 m
33R	**C4**	7 381 ft / 2 250 m
	C5, **D6**(to cargo apron 1, 2)	8 418 ft / 2 566 m
16L	**N3**	6 725 ft / 2 050 m
	N2	8 366 ft / 2 550 m
34R	**N4**	6 725 ft / 2 050 m
	N5	8 366 ft / 2 550 m
16R	**P6**	5 249 ft / 1 600 m
	P5	6 233 ft / 1 900 m
	P4	7 218 ft / 2 200 m
	P2	8 202 ft / 2 500 m
34L	**P7**	5 249 ft / 1 600 m
	P8	6 233 ft / 1 900 m
	P10	7 218 ft / 2 200 m
	P11	8 202 ft / 2 500 m

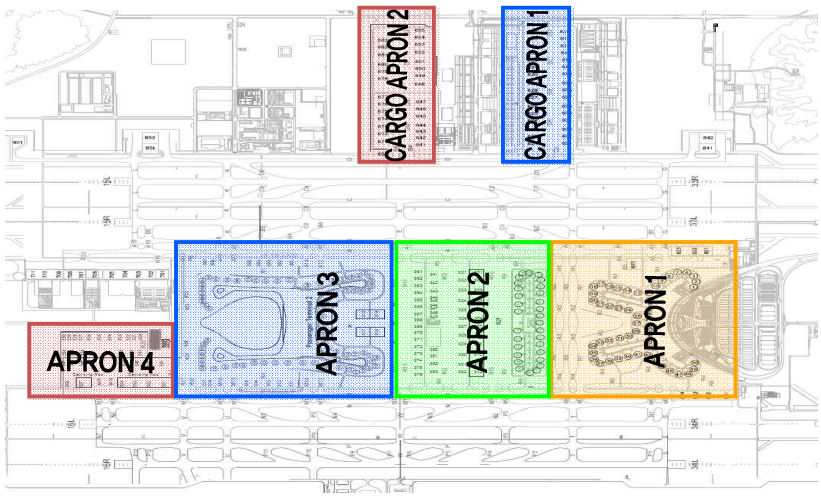
Note 1 : Preferred rapid exit taxiways are in bold and underlined.
Note 2 : The design speed of all RET is 50 kt.

c. After landing, aircraft are not to stop on rapid exit taxiway to awaiting instructions from ATC but should continue taxi via the following taxi procedures, unless otherwise instructed by ATC.

RWY	Preferred RET	Standard Taxi Procedures
15L	C2	During HIRO in force, any landing aircraft to Apron 1·2·3·4 should continue taxi to TWY J then hold short of RWY 15R on TWY J. Remain on the TWR FREQ. (refer SMGCS - Arrival Taxi Route Chart)
	D1	During HIRO in force, any landing aircraft to Cargo Apron 1·2 should continue taxi via TWY D to appropriate Transfer of Control Point(TCP) of parking gate/stand. (refer SMGCS – Arrival Taxi Route Chart)
15R	B3	During HIRO in force, any landing aircraft to Apron 1·2·3·4 should continue taxi via TWY B to appropriate Transfer of Control Point(TCP) of parking gate/stand. Remain on the TWR FREQ. (refer SMGCS - Arrival Taxi Route Chart)

RWY	Preferred RET	Standard Taxi Procedures
33L	B4	During HIRO in force, any landing aircraft to Apron 1·2·3·4 should continue taxi via TWY B to appropriate Transfer of Control Point(TCP) of parking gate/stand. (refer SMGCS - Arrival Taxi Route Chart)
33R	C4	During HIRO in force, any landing aircraft to Apron 1·2·3·4 should continue taxi to TWY K then hold short of RWY 33L on TWY K. Remain on the TWR FREQ. (refer SMGCS - Arrival Taxi Route Chart)
	D6	During HIRO in force, any landing aircraft to Cargo Apron 1·2 should continue taxi via TWY D to appropriate Transfer of Control Point(TCP) of parking gate/stand. (refer SMGCS – Arrival Taxi Route Chart)
16L	N3	During HIRO in force, all landing aircraft should continue taxi via TWY N to appropriate Transfer of Control Point(TCP) of parking gate/stand. (refer SMGCS - Arrival Taxi Route Chart)
34R	N4	During HIRO in force, all landing aircraft should continue taxi via TWY N to appropriate Transfer of Control Point(TCP) of parking gate/stand. (refer SMGCS - Arrival Taxi Route Chart)
16R	P6	During HIRO in force, all landing aircraft should continue taxi to TWY T then hold short of RWY 16L on TWY T. Remain on the TWR FREQ. (refer SMGCS - Arrival Taxi Route Chart)
34L	P7	During HIRO in force, all landing aircraft should continue taxi to TWY U then hold short of RWY 34R on TWY U. Remain on the TWR FREQ. (refer SMGCS - Arrival Taxi Route Chart)

d. Diagram of Apron 1·2·3·4 and Cargo Apron 1·2



1.4.2 Departure Procedures

a. Pilots are strongly encouraged to check the availability of intersection departure before start-up. Declared distance for intersection departure are detailed in AD 2.13 DECLARED DISTANCES. For the purpose of performance calculations the standard intersection departure points are :

- RWY 15R - B6 / K
- RWY 33L - B1 / J
- RWY 16L - N6 / V / U
- RWY 34R - N1 / T

b. Intersection departures may be initiated by ATC to expedite traffic flow. Pilots must advise ATC if they are not able to comply with this request to prevent additional delay or sequence change.

c. ATC will consider all aircrafts at the RWY holding point as able to commence line-up and take-off roll immediately on receiving clearance from ATC, unless otherwise instructed. Pilots should note that ATC expects pre-departure cockpit checks to be completed prior to entering the runway and take-off checks that must be made on the runway are kept to the minimum required. Pilots not ready when reaching the RWY holding point shall advise ATC as early as possible before reaching to RWY holding point.

d. When line-up or take-off clearance is issued, ATC will expect and has planned on seeing movement within 10 seconds.

e. Normally ATC will apply ICAO wake vortex separation minima between successive departures. If more separation than prescribed minima is required, pilot shall notify ATC before entering the RWY.

Change : Information of diagram of apron.

8. In case of engine start-up with GPU at gates due to APU malfunction or failure, pilot needs to contact Incheon Apron earlier than TSAT window(± 5 minutes) considering the time required for engine start-up and push-back.

9. All aircraft to be taxied within the apron shall set their engine thrusts to idle. In case of using breakaway thrust, it should be minimized, especially when commencing taxiing from stands(NR. 814, 815, 816, 817) and starting points(Point 33, 34, 35, 36) in Apron 3 for ground safety.

10. Prior to request for push-back clearance, pilot shall report “READY/REQUEST” to Incheon Apron. The term “READY/REQUEST” means :
    - Push-back tractor has been connected;
    - Boarding bridge is detached and at stand-by position; and
    - Wing walkers are ready and positioned for push-back.

    Push-back clearance will be provided only after Incheon Apron has received “READY/REQUEST” by pilot.

11. The smaller aircraft(business jets) ingress and egress procedures at designated deicing pads shall follow the instructions of Incheon Apron. Deicing pads are self-maneuvering stands (i.e. taxi out with no push-back). In case of M North zone assigned not for deicing, aircraft shall be pushed back for departure.

12. There are several blue lines in Apron 1 and 3
    Locations : Right behind Gates 9, 15, 21, 22, 32, 33, 39, 45, 49 in Apron 1, and 237, 238, 239, 240, 258, 259, 260, 261 in Apron 3.
    The aircraft of those gates shall be pushed back along blue line until their nose-wheels are on the specific taxilane.

13. Prior to request for taxi clearance in apron area, pilot must report “READY/REQUEST” to Incheon Apron. The term “READY/REQUEST” means :
    - Push-back tractor has been disconnected;
    - Ground personnel, vehicles, equipment, obstacles are clear of aircraft; and
    - Aircraft is fully ready to taxi.

    Taxi clearance will be provided only after Incheon Apron has received “READY/REQUEST” by pilot, and pilot shall not move without taxi clearance.

14. To avoid delay to other aircraft using 'Apron 1 and 3' area, aircraft should be ready to taxi as soon as the push-back manoeuvre and engine start procedure are completed. The push-back for gate 17, 18, 19, 20, 21, 33, 34, 35, 36 is onto taxilane R7, for gate 236R, 237, 238, 239, 240, 241, 257, 258, 259, 260, 261, 261R is onto taxilane R12, and for gate 208R, 290R is onto taxilane R17 therefore to avoid delays to other traffic it is essential that the aircraft should be ready to taxi as soon as the push-back manoeuvre is completed. If aircraft are unable to comply with these procedures, pilots shall immediately inform Incheon Apron in order that alternative taxi instructions may be issued to other aircraft.

15. When an aircraft have any problem which can’t make it taxi right after push back, the pilot should report to Apron control. And then the pilot will be instructed to return gate or to move other place to avoid blocking taxilanes.

16. Delays may be expected due to other aircraft to push back or to taxi as distances between aircraft gates/stands vary. If push-back is delayed due to apron traffic conditions, TSAT will remain valid even if it exceeds TSAT + 5 minutes. TOBT needs not to be updated for such situations.

17. The following tables describe the procedures for push-back of aircraft from gates with airbridges and stands. Incheon Apron will issue specific instructions to the pilot if it is necessary to expedite traffic movement.
    Most gates and stands have several push-back procedures. Push-back instructions shall be issued including direction (only 4 directions are used) or specific position when necessary. Incheon Apron will issue a push-back instruction according to the use of runway or certain traffic condition.

18. When The aircraft push back onto taxilane R2 or R3 with facing south, the pilot shall be taxied with idle power for ground safety.

19. The aircraft that have been approved for push-back by Incheon Apron must set the Mode A code assigned by ATC prior to push-back.

20. The pilots and vehicle operators should look out all directions as they are instructed by the Incheon Apron and also obey emergency stop instruction given by any team member.

21. The aircraft that are moving after stopping at 4E and 5W must move with minimum power.

Change : Information of procedures for start-up & push back and item numbers.

Aircraft Stands	Pushback Procedures	Phraseology
Apron 1		
1 and 2	The aircraft shall be pushed back to face north along blue line until its nosewheel is at spot 1.	Pushback approved to point 1
3	The aircraft shall be pushed back onto taxilane R1 to face north.	Pushback approved to face north
	The aircraft shall be pushed back to face north along blue line until its nosewheel is at spot 1.	Pushback approved to point 1
6	The aircraft shall be pushed back onto taxilane R1 to face north.	Pushback approved to face north
	The aircraft shall be pushed back to face south along taxilane R1 until the specific gate position.	Pushback approved to face south abeam gate(number)
7	The aircraft shall be pushed back onto taxilane R1 to face north.	Pushback approved to face north
	The aircraft shall be pushed back to face south along taxilane R1 until the specific gate position.	Pushback approved to face south abeam gate(number)
	The aircraft shall be pushed back onto the stand 825 on taxilane R5 to face south.	Pushback approved to stand 825
8	The aircraft shall be pushed back onto taxilane R1 to face south.	Pushback approved to face south
	The aircraft shall be pushed back to face north along taxilane R1 until the specific gate position.	Pushback approved to face north abeam gate(number)
	The aircraft shall be pushed back onto the stand 825 on taxilane R5 to face south.	Pushback approved to stand 825
9	The aircraft shall be pushed back to face south along blue line until its nosewheel is at R1.	Pushback approved to face south
	The aircraft shall be pushed back onto taxilane R1 to face north.	Pushback approved to face north
	The aircraft shall be pushed back onto the stand 825 on taxilane R5 to face south.	Pushback approved to stand 825
10, 11 and 12	The aircraft shall be pushed back onto taxilane R1 to face south.	Pushback approved to face south
	The aircraft shall be pushed back onto taxilane R1 to face north.	Pushback approved to face north
14	The aircraft shall be pushed back onto taxilane R1 to face south.	Pushback approved to face south
	The aircraft shall be pushed back onto taxilane R1 to face north until gate 10 to minimize jet blast effect.	Pushback approved to face north
	The aircraft shall be pushed back onto the spot 53R on A6 to face west.	Pushback approved to spot 53Romeo
15	The aircraft shall be pushed back to face north along blue line until its nosewheel is at R1.	Pushback approved to face north
	The aircraft shall be pushed back onto taxilane R1 to face south.	Pushback approved to face south
	The aircraft shall be pushed back onto the spot 53R on A6 to face west.	Pushback approved to spot 53Romeo
16	The aircraft shall be pushed back onto taxilane R1 to face north.	Pushback approved to face north
	The aircraft shall be pushed back onto taxilane R1 to face south.	Pushback approved to face south
	The aircraft shall be pushed back onto the spot 53R on A6 to face west.	Pushback approved to spot 53Romeo

3.3 Taxi routes from cargo apron

3.3.1 Departure runway from cargo apron is depended on traffic situation to optimize traffic flow. ATC may change departure runway for purposes of traffic flow management.

3.3.2 Taxi routes for departure runway 15R, 33L from cargo apron to protect GP signals of ILS of RWY 15L and 33R are expected as follows unless otherwise instructed by ATC.

Route	Taxi Route Details
Route for RWY 15R Departure	CGO APRON → Turn Right on **D** → Turn Left onto **K** → Hold at Holding Point **RWY 15L** on TWY **K** → Turn Right on **C** → Turn Left on **L** → Hold at Holding Point **RWY 15R**
Route for RWY 33L Departure	CGO APRON → Turn Left on **D** → Turn Right onto **J** → Hold at Holding Point **RWY 33R** on TWY **J** → Turn Left on **C** → Turn Right on **G** → Hold at Holding Point **RWY 33L**

3.3.3 Taxi routes for departure runway 16L, 34R from cargo apron to optimize traffic flow are expected as follows unless otherwise instructed by ATC.

Route	Taxi Route Details
Route for RWY 16L Departure	CGO APRON → Turn Right on **D** → Turn Left onto **K** → Hold at Holding Point **RWY 15L** on TWY **K** → Turn Right onto **A16** → Turn Right on **A** → Turn Left onto **R17** → **R17** →Turn Right on **M** → **M19** → Hold at Holding Point **RWY 16L**
Route for RWY 34R Departure	CGO APRON → Turn Left on **D** → Turn Right onto **J** → Hold at Holding Point **RWY 33R** on TWY **J** → Turn Right onto **A8** → **R8** → Turn Left on **M** → **M5** → Hold at Holding Point **RWY 34R**

3.4 Departure routes and Transfer of control points(TCP)

1. Unless otherwise instructed, aircraft should use the following routes :

Apron	Apron FREQ	Route	TCP	Gate/Stand
Apron 1	121.65 MHz	R1 - A4 R1 - R7 R1 - R8	4E 7E 8W	1 to 17
		R7 R8	7E 8W	18 to 36
		R4 - M5 R4(R6) - R7 R4(R6) - R8	5W 7E 8W	37 to 50
		R7 R8	7E 8W	103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 132
Apron 2	121.8 MHz	R9 R10	9E 10W	101, 102, 104, 106, 108, 110, 112, 114, 118, 122, 124, 126, 128, 130
				301 to 312
		RG	30E 30W	321 to 332 341 to 353
Apron 3	122.175 MHz	R4 - R11 R4 - R12 R4 - M13	11E 12W 13W	225 to 236
		R1 - R11 R1 - R12 R1 - A13	11E 12W 13E	262 to 268
		R11 R12	11E 12W	236R, 237 to 261, 261R 361 to 376
	129.725 MHz	R17 - RE R17	50E 17W	208, 209 to 214, 215 516, 517
		R4 - R11 R17	11E 17W	208R, 290R
		R4 - R11 R4 - M15	11E 15W	214R, 216 to 224 511 to 515
		R1 - A15 R1 - R17	15E 17W	275 to 282, 283R 501 to 505
		RE R17	50E 17W	283, 284 to 290, 291 506, 507
Apron 4	123.675 MHz	R4 - R11 M19	11E 19W	520 to 529 531 to 535 541 to 547 551 to 554 557 to 558
Cargo Apron 1	123.325 MHz	D2 D3	2Y 3Y	601 to 616 621 to 636
Cargo Apron 2		D4 D5	4Y 5Y	641 to 655 671 to 683

Remarks

Departure routes in Apron areas will be issued in detail according to runway in use and traffic movement condition by Incheon Apron. Refer to RKSI AD 2-6, 2-8 (Aerodrome Ground Movement Charts).

2. Aircraft shall not proceed beyond the TCP without clearance from Incheon Ground or Tower.

Change : Information of departure routes and TCP for apron 3.

FREQ	Call Sign	Procedure
128.65 MHz, 344.2 MHz (ATIS)	Incheon INTL Airport	- Acknowledge "De/Anti-icing Phase" by ATIS.
↓		
123.575 MHz (Apron 1, Apron 2, Cargos) 122.225 MHz (Apron 3, 4)	Incheon De-icing	- Contact when ready for pushback. - Advise "Aircraft De-icing required and Engine On/Off De-icing". - De-icing zones assignment.
↓		
121.65 MHz (Apron 1) 121.8 MHz (Apron 2, Cargos) 122.175 MHz (Apron 3) 129.725 MHz (Apron 3) 123.675 MHz (Apron 4)	Incheon Apron	- Set Mode A code to 2000. - Select XPNDR or AUTO. - Contact the frequency according to the controller's instruction. - Pushback & taxi to De-icing zones.
↓		
123.325 MHz (A South zone, M South zone, D South/North zone) 122.175 MHz (T Center zone) 122.325 MHz (Central De-icing zone, M North zone)	Pad Control	- De-icing pads assignment. - Taxi to De-icing pads.
↓		
130.750 MHz (A South zone) 130.850 MHz (M South zone) 130.250 MHz (T Center zone, Central De-icing zone, M North zone)	Ice Man	- Enter the pad and report the brake set to Ice Man. Monitor Ice Man until De-icing is completed. - Do not shut down engines until instructed by Ice Man for ground safety.
↓		
121.6 MHz	Incheon Delivery	- (Engine Off) Once de-icing is completed, contact Incheon delivery to get ATC clearance. Report "Engine Off De-icing and De-icing completed" when initial contact with Incheon delivery by voice or DCL. Monitor Ice Man. - (Engine On) Once de-icing is started, contact Incheon delivery to get ATC clearance. Report "Engine On De-icing and De-icing started" when initial contact with Incheon delivery by voice or DCL. Monitor Ice Man. - Set Mode A assigned by ATC. - Select XPNDR or AUTO.
↓		
130.750 MHz (A South zone) 130.850 MHz (M South zone) 130.250 MHz (T Center zone, Central De-icing zone, M North zone)	Ice Man	- Re-contact Ice Man and Report start engine and ready to taxi.
↓		
123.325 MHz (A South zone, M South zone, Central De-icing zone, D South/North zone) 122.175 MHz (T Center zone) 122.325 MHz (M North zone)	Pad Control	- Taxi out from De-icing pads.

NOTE 1 : The de-icing pad will be appropriately assigned by Incheon Apron or Pad Control when aircraft approaches to de-icing zone.
NOTE 2 : Flight crews shall monitor and maintain radio contact, otherwise re-sequenced as a result of no response to 3 successive calls.
NOTE 3 : This procedures can be changed by Incheon Apron according to the volume of de-icing traffic.
NOTE 4 : Flight crews need extra caution when entering and leaving the de-icing pad, since there are GSE roads in front of or behind the de-icing pad.

5. Arrival procedures

5.1 Arrival routes and Transfer of control points(TCP)

1. Unless otherwise instructed, aircraft should use the following routes;

Apron	Apron FREQ	Route	TCP	Gate/Stand
Apron 1	121.65 MHz	A5 - R1	5E	1 to 12
		A6 - R1	6E	14 to 17
		R7 - R1	7W	1 to 17
		R7 R8	7W 8E	18 to 36
		R7 - R4(R6)	7W	37 to 42
		M6 - R4	6W	43 to 50
		R8 - R4(R6)	8E	37 to 50
		R7 R8	7W 8E	103,105,107,109,111,113,115,117, 119,121,123,125,127,129,131,132
Apron 2	121.8 MHz	R9 R10	9W 10E	101,102,104,106,108,110,112,114, 118,122,124,126,128,130
				301 to 312
		RG	30W 30E	321 to 332 341 to 353
Apron 3	122.175 MHz	M14 - R4 R12 - R4	14W 12E	225 to 236
		R11 - R1 A14 - R1	11W 14E	262 to 268
		R11 R12	11W 12E	236R, 237 to 261, 261R 361 to 376
	129.725 MHz	RW R17	50W 17E	208, 209 to 214, 215 516 to 517
		R11 - R1 R17	11W 17E	208R, 290R
		M16 - R4 R17 - R4	16W 17E	214R, 216 to 224 511 to 515
		M11 - R1 A16 - R1	11W 16E	275 to 282, 283R 501 to 505
		RW R17	50W 17E	283, 284 to 290, 291 506 to 507
Apron 4	123.675 MHz	R17 - R4 M18	17E 18W	520 to 529 531 to 535 541 to 547 551 to 554 557 to 558
Cargo Apron 1	123.325 MHz	D2 D3	2Y 3Y	601 to 616 621 to 636
Cargo Apron 2		D4 D5	4Y 5Y	641 to 655 671 to 683
Remarks Arrival routes in Apron areas will be issued in detail according to runway in use and traffic movement condition by Incheon Apron. Refer to RKSI AD CHART 2-7, 2-9 (Aerodrome Ground Movement Charts).				

2. Aircraft will normally be transferred to Incheon Apron prior to the TCP. Unless otherwise directed, aircraft may automatically contact Incheon Apron at the TCP.

3. Aircraft shall not proceed beyond the TCP without clearance from Incheon Apron.

5.2 Follow-me car service

1. Follow-me service is available to arriving aircraft. Pilots should make the request to Incheon Ground or Incheon Apron.
2. Aircraft shall monitor the appropriate Incheon Ground and/or Incheon Apron frequencies while taxiing.

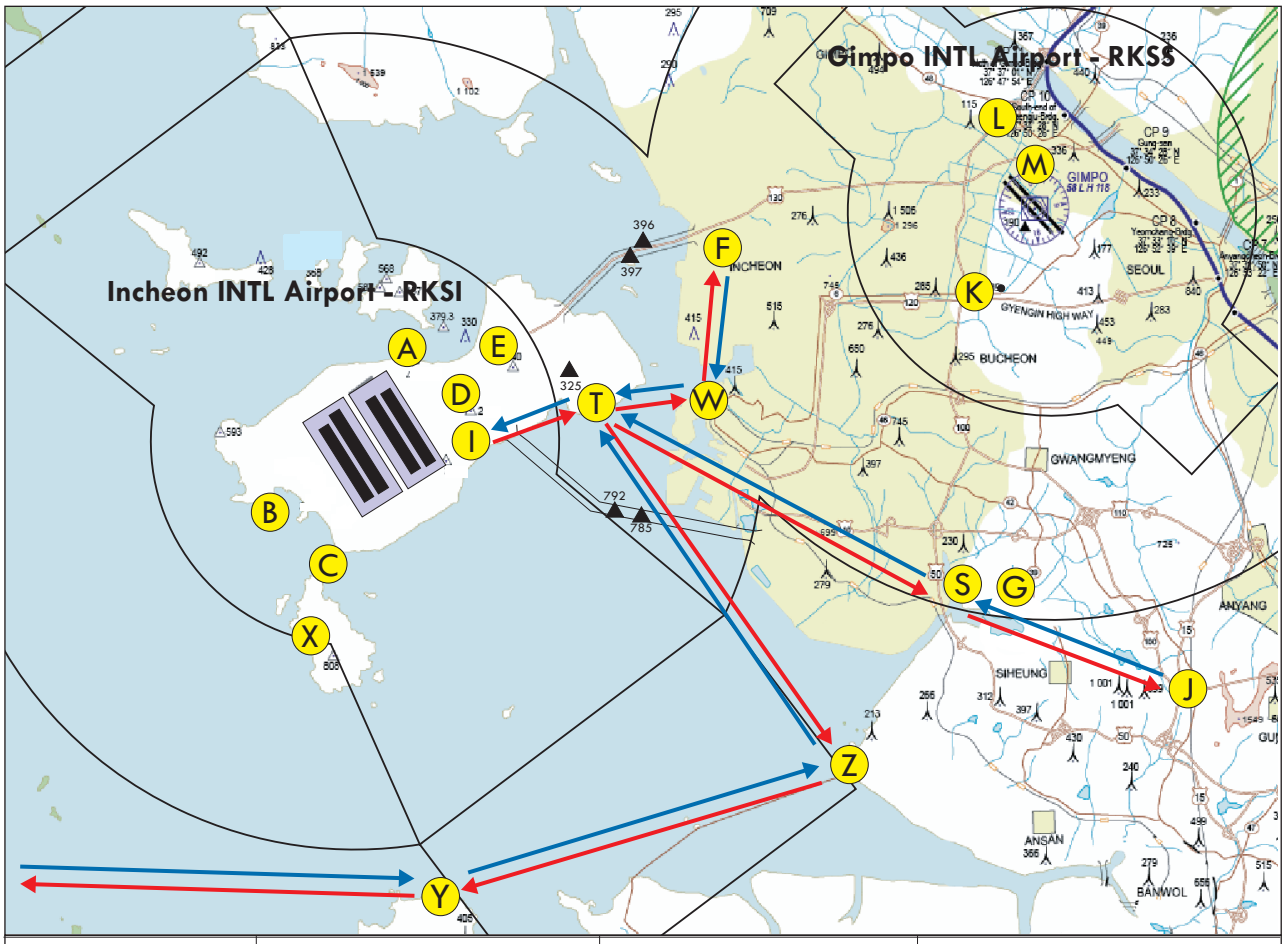
6. Ground engine check procedures

Pilot or authorized engineer requiring engine ground runs shall contact Incheon Apron on the appropriate frequency (refer to 2.20.3.4.1) and provide the following :

1. Call sign or registration number
2. Gate / Stand number
3. Type of ground engine run, engine start or performance check Incheon Apron should be advised on its completion.

Change : Information of arrival routes and TCP for apron 3.

VFR Reporting Points Information



Reporting Point	Geographical Name	Position	Coordinates(WGS-84)
A	삼목선착장 Sammok Quay	2.3 NM NE of Incheon R 084 NCN/D1.1	372959N 1262713E
B	을왕리 Ulwangri	2.9 NM SW of Incheon R 230 NCN/D3.5	372709N 1262251E
C	잠진도 Jamjindo(Island)	2.9 NM SW of Incheon R 197 NCN/D4.6	372505N 1262451E
D	공항신도시 IC New Airport Town IC	2.7 NM E of Incheon R 112 NCN/D3	372859N 1262924E
E	공항입구 IC Airport Gateway IC	4.0 NM ENE of Incheon R 087 NCN/D4	373021N 1263024E
F	북인천 IC Buk-Incheon IC	10.3 NM NE of Incheon R 076 NCN/D1 R 277 KIP/D8.2	373319N 1263713E
G	생태공원 Eco Park	10.0 NM S of Gimpo R 194 KIP/D9.8	372338N 1264622E
I	신불 IC Sinbul IC	2.3 NM SE of Incheon R 137 NCN/D3.6	372725N 1262923E
J	조남분기점 Jonam JCT	11.7 NM SSE of Gimpo R 169 KIP/D12	372213N 1265206E
K	서운분기점 Kilo(Seoun JCT)	3.0 NM SW of Gimpo R 231 KIP/D3	373125N 1264506E
L	김포아라대교 Gimpoara Bridge	2.2 NM N of Gimpo R 358 KIP/D2.1	373533N 1264700E
M	김포공항 북측농경지 North Farmland of Gimpo Airport	0.7 NM NNE of Gimpo R 014 KIP/D0.7	373408N 1264737E
S	소래 Sorae	10.0 NM SSW of Gimpo R 201 KIP/D10	372340N 1264439E
T	송산 Songsan(Hill)	5.7 NM E of Incheon R 106 NCN/D6	372853N 1263319E
W	월미도 Wolmido(Island)	10.9 NM SSE of Gimpo R 248 KIP/D10.8 R 108 NCN/D8.2	372810N 1263553E
X	실미도 Silmido(Island)	4.2 NM SW of Incheon R 207 NCN/D5.8	372415N 1262325E
Y	영흥도 Younghungdo(Island)	10.6 NM S of Incheon R 180 NCN/D12.6	371715N 1262800E
Z	시화방조제 Sihwa Breakwater	14.2 NM SE of Incheon R 137 NCN/D15.7	372000N 1264120E

Change : Withdrawal of VFR reporting points R, N and Establishment of VFR reporting points L, M, G.

RKSI AD 2.23 ADDITIONAL INFORMATION

1. Green Area Maintenance within Movement Area

a. Duration: March to November

b. Type of maintenance :

Mowing the lawn, weeding, watering, and blight and harmful insects prevention.

c. Area affected

All green areas within Movement Area.
Maintenance work shall be conducted only when 4 000 m or more of visibility is secured.

1) Area 1
- Dimension : Area of 60 m width from runway edge.
- Working hour : At midnight only when there are few aircraft movements.

2) Area 2
- Dimension : Other green area (including taxiways) except "Area 1".
- Working hour : During the day time only.

d. Remarks

All working vehicles within the maneuvering area shall be under control of Air Traffic Control, and aircraft in operation shall be under precaution.

2. Bird migration and concentrations in the vicinity of the airport

a. Bird migration occurs during spring, fall and winter periods. The greatest degree of activity is observed during the following periods : whole of March ~ end of April(Spring migration), early of October ~ early December(winter migration). Weather conditions may affect bird migration on movements during different periods of the year.

b. Spring and Autumn

In this period a large flock of birds, especially shorebirds is resting on the remnant of mudflats at high tide. And at low tide they are moving and scattered to forage their foods. Most of their movement flight is occurred on the ground surface or below about 200 ft.
The population of shorebirds reaches approximately 6 000 ft at one time in spring. Generally the number of birds is more in spring than autumn but on the contrary in the vicinity of airport bird activity is more frequent in autumn.

c. Winter
There are two ponds that are located respectively NW & SW of airport at the distance of about 4 km from the runway.
Most of ducks inhabit at these ponds in winter and the flock size of one site is less than 400 individuals. The largest group of birds are Coots and about 1 000. These use this pond as resting site and only a few species feeds in the water. The movement of ducks is not related the tide and they are flying low (200 ft) to sea around the pond.

d. In order to reduce the wildlife hazard in the vicinity of runway wildlife control activities are being lasted 24h and include siren, threat of shotgun, visual scares and habitat managements. On the properties of airport farming, garbage treatment facilities are not permitted.

3. ATIS Telephone Service

a. Hours of operation : H24

b. ARS telephone number : 82-32-743-2676

c. Telephone service is reference only. For the flight operation, use ATIS on the FREQ.
- ARR : 128.4, 230.25 MHz
- DEP : 128.65, 344.2 MHz

4. Light Pole Operation in the vicinity of the airport

a. SKY72 Golf Club and Dream Golf Range (GOLF CLUB & GOLF RANGE)
1) Duration : From April to December
2) Operation time schedule : 1930 ~ 2130 and 1000 ~ 1530 (UTC)

b. Orange Dunes YeongJong Golf Club (GOLF CLUB2)
1) Duration : From April to November
2) Operation time schedule : 1000 ~ 1530 (UTC)

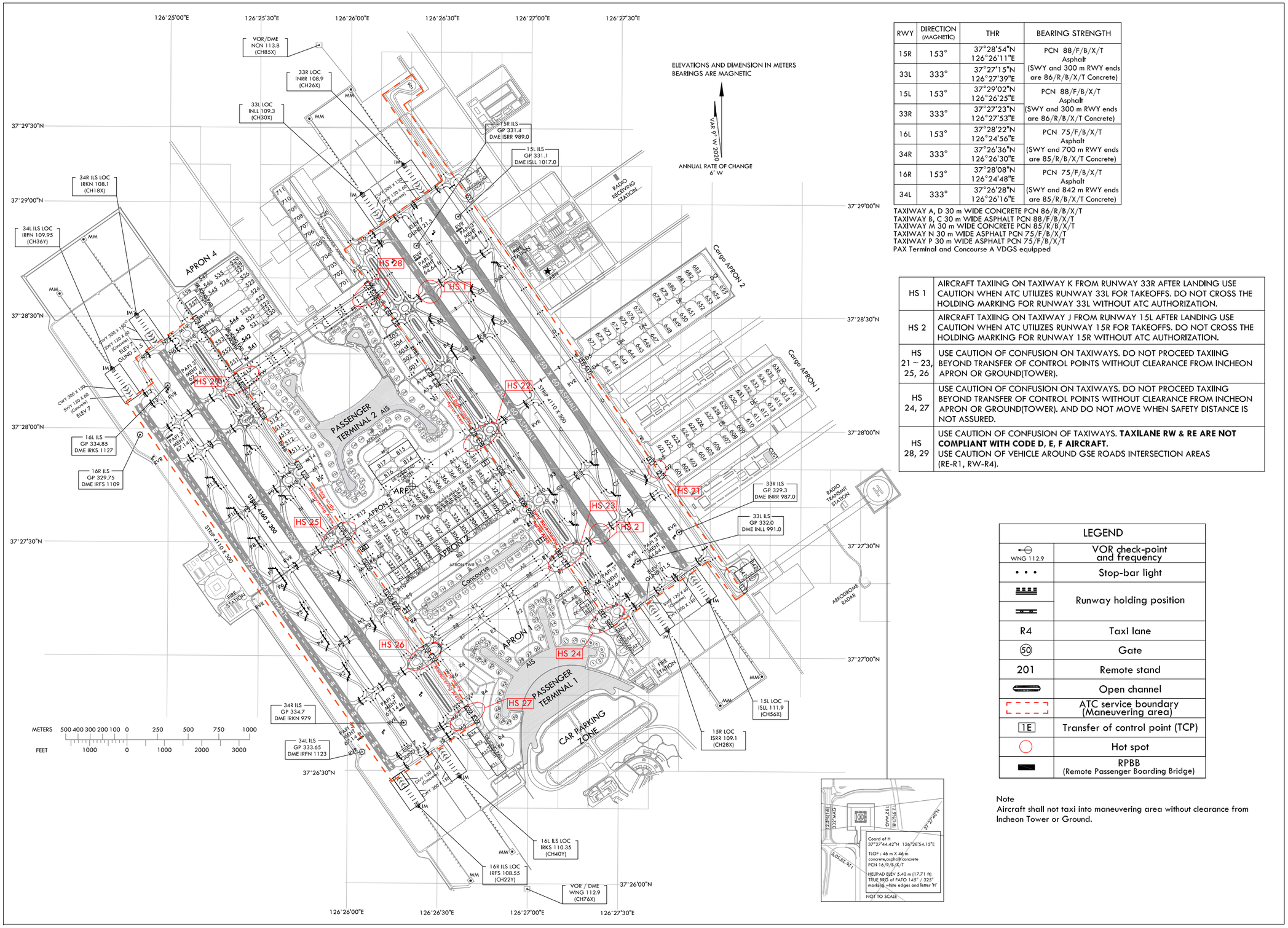
AERODROME CHART - ICAO

37°27'45"N
126°26'21"E

ELEV **7** m

TWR	118.2(E)	118.8(W)	
GND	121.75(E)	121.7(W)	
APRON	121.65	122.175	123.675
	121.8	123.325	129.725

SEOUL / Incheon Intl



RWY	DIRECTION (MAGNETIC)	THR	BEARING STRENGTH
15R	153°	37°28'54"N 126°26'11"E	PCN 88/F/B/X/T Asphalt (SWY and 300 m RWY ends are 86/R/B/X/T Concrete)
33L	333°	37°27'15"N 126°27'39"E	
15L	153°	37°29'02"N 126°26'25"E	PCN 88/F/B/X/T Asphalt (SWY and 300 m RWY ends are 86/R/B/X/T Concrete)
33R	333°	37°27'23"N 126°27'53"E	
16L	153°	37°28'22"N 126°24'56"E	PCN 75/F/B/X/T Asphalt (SWY and 700 m RWY ends are 85/R/B/X/T Concrete)
34R	333°	37°26'36"N 126°26'30"E	
16R	153°	37°28'08"N 126°24'48"E	PCN 75/F/B/X/T Asphalt (SWY and 842 m RWY ends are 85/R/B/X/T Concrete)
34L	333°	37°26'28"N 126°26'16"E	

TAXIWAY A, D 30 m WIDE CONCRETE PCN 86/R/B/X/T
TAXIWAY B, C 30 m WIDE ASPHALT PCN 88/F/B/X/T
TAXIWAY M 30 m WIDE CONCRETE PCN 85/R/B/X/T
TAXIWAY N 30 m WIDE ASPHALT PCN 75/F/B/X/T
TAXIWAY P 30 m WIDE ASPHALT PCN 75/F/B/X/T
PAX Terminal and Concourse A VDGS equipped

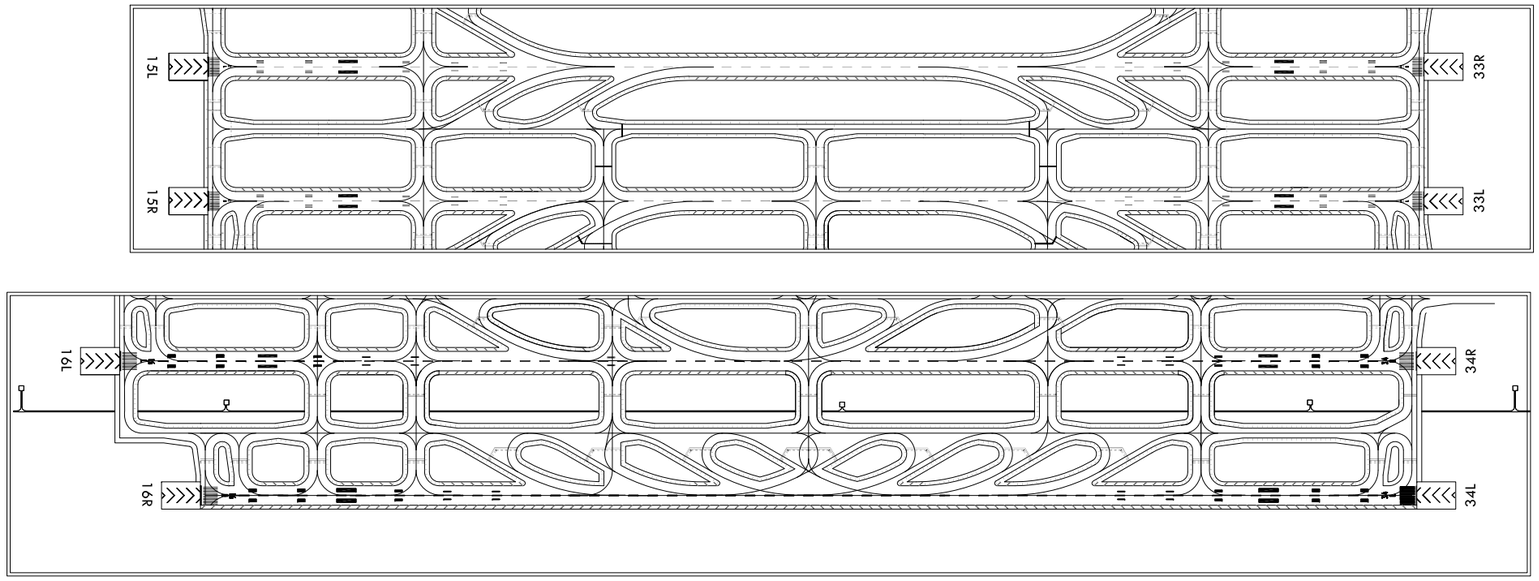
HS 1	AIRCRAFT TAXIING ON TAXIWAY K FROM RUNWAY 33R AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 33L FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 33L WITHOUT ATC AUTHORIZATION.
HS 2	AIRCRAFT TAXIING ON TAXIWAY J FROM RUNWAY 15L AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 15R FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 15R WITHOUT ATC AUTHORIZATION.
HS 21 ~ 23, 25, 26	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER).
HS 24, 27	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER). AND DO NOT MOVE WHEN SAFETY DISTANCE IS NOT ASSURED.
HS 28, 29	USE CAUTION OF CONFUSION OF TAXIWAYS. **TAXILANE RW & RE ARE NOT COMPLIANT WITH CODE D, E, F AIRCRAFT.** USE CAUTION OF VEHICLE AROUND GSE ROADS INTERSECTION AREAS (RE-R1, RW-R4).

LEGEND	
WNG 112.9	VOR check-point and frequency
• • •	Stop-bar light
	Runway holding position
R4	Taxi lane
50	Gate
201	Remote stand
	Open channel
	ATC service boundary (Maneuvering area)
1E	Transfer of control point (TCP)
	Hot spot
	RPBB (Remote Passenger Boarding Bridge)

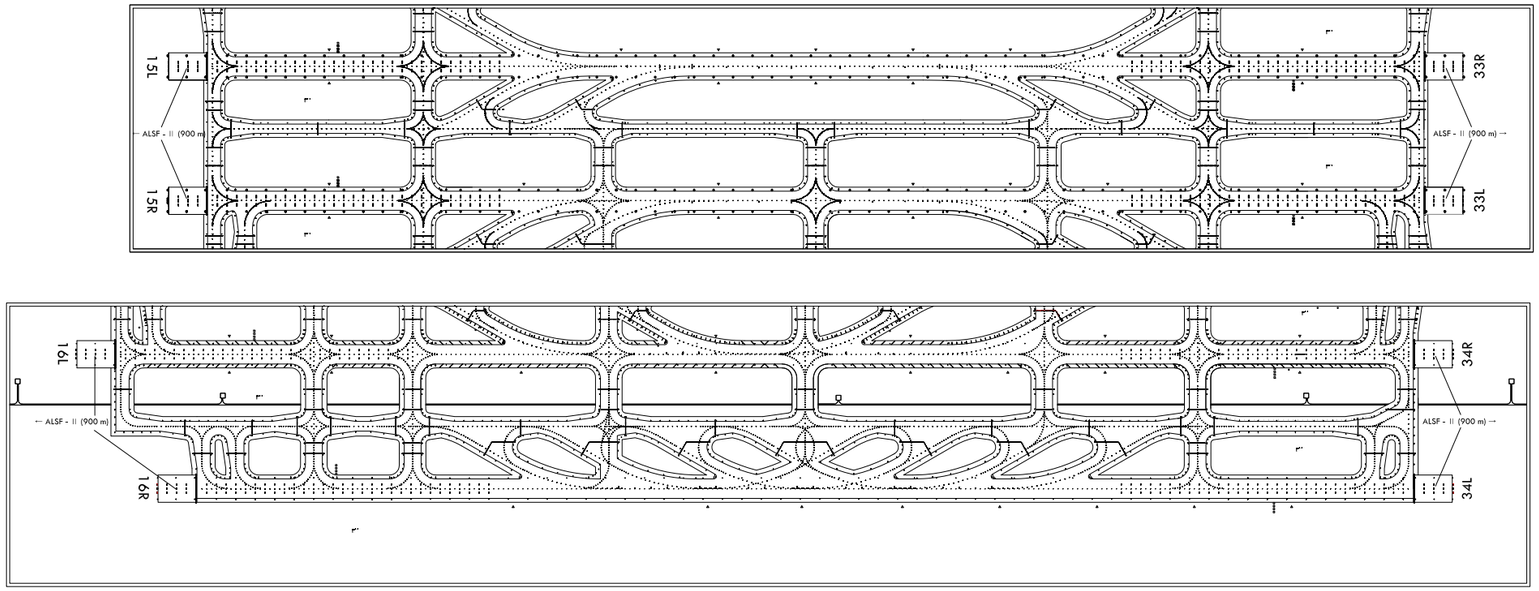
Note
Aircraft shall not taxi into maneuvering area without clearance from Incheon Tower or Ground.

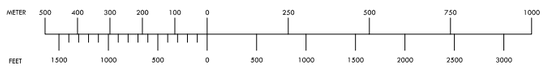
Change : Establishment of name of taxilane RW, RE and Information of GSE road.

MARKING AIDS RWY 15R/33L, 15L/33R, 16L/34R, 16R/34L AND EXIT TWY



LIGHTING AIDS RWY 15R/33L, 15L/33R, 16L/34R, 16R/34L AND EXIT TWY





AIRCRAFT PARKING / DOCKING CHART - ICAO

APRON ELEV **6** m

TWR	118.2(E)	118.8(W)	
GND	121.75(E)	121.7(W)	
APRON	121.65	122.175	123.675
	121.8	123.325	129.725

SEOUL / Incheon Intl

ELEVATIONS AND DIMENSIONS IN METERS
BEARINGS ARE MAGNETIC

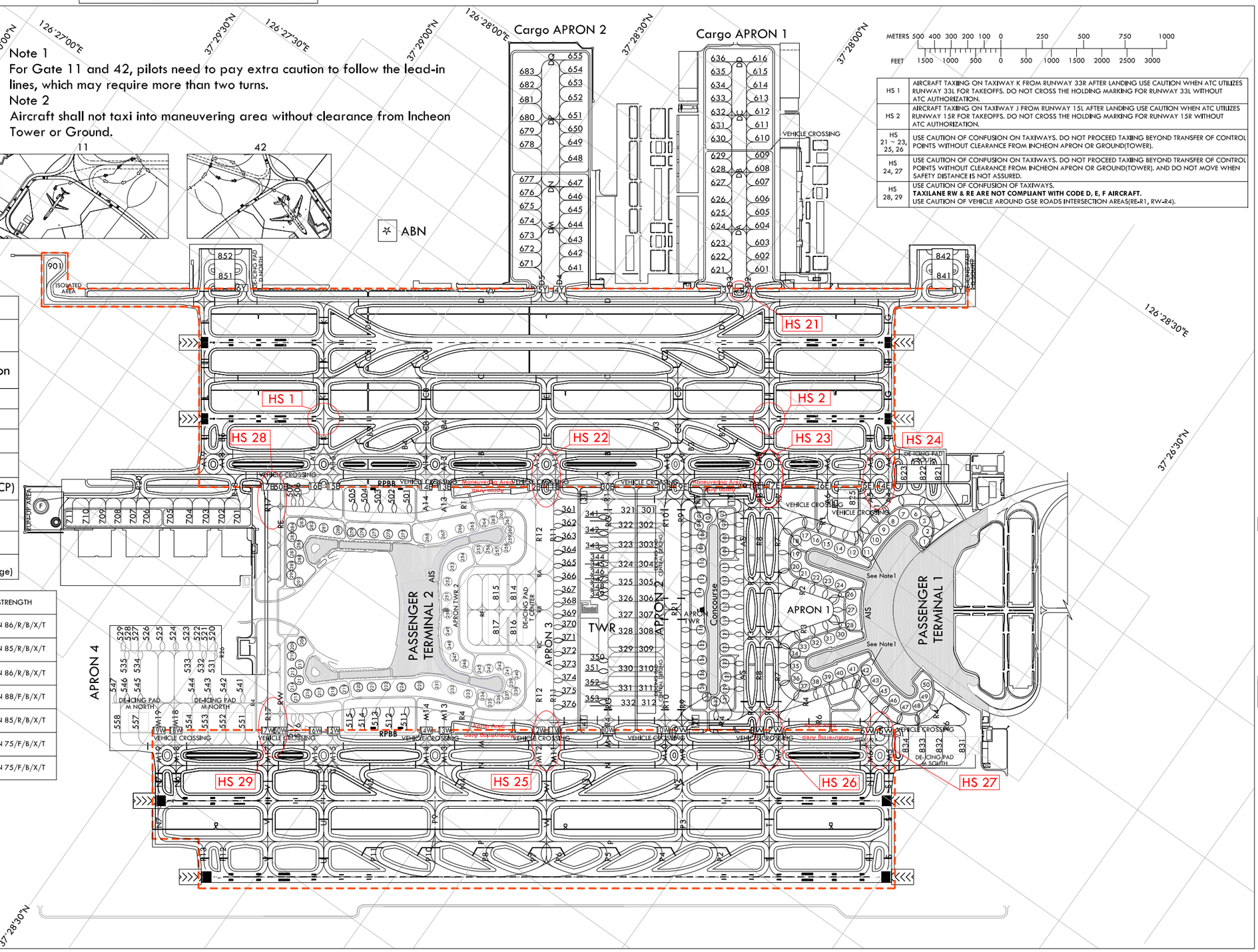
VAR 9° W 2020

ANNUAL RATE OF CHANGE
6' W

Note 1
For Gate 11 and 42, pilots need to pay extra caution to follow the lead-in lines, which may require more than two turns.
Note 2
Aircraft shall not taxi into maneuvering area without clearance from Incheon Tower or Ground.

ABN

HS 1	AIRCRAFT TAXIING ON TAXIWAY K FROM RUNWAY 33R AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 33L FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 33L WITHOUT ATC AUTHORIZATION.
HS 2	AIRCRAFT TAXIING ON TAXIWAY J FROM RUNWAY 15L AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 15R FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 15R WITHOUT ATC AUTHORIZATION.
HS 21 ~ 23, 25, 26	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER).
HS 24, 27	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER). AND DO NOT MOVE WHEN SAFETY DISTANCE IS NOT ASSURED.
HS 28, 29	USE CAUTION OF CONFUSION OF TAXIWAYS. **TAXILANE RW & RE ARE NOT COMPLIANT WITH CODE D, E, F AIRCRAFT.** USE CAUTION OF VEHICLE AROUND GSE ROADS INTERSECTION AREAS(RE~R1, RW~R4).



LEGEND	
WNG 112.9	VOR check-point and frequency
	Runway holding position
R4	Taxi lane
50	Gate
301	Remote stand
	Open channel
1E	Transfer of control point(TCP)
	ATC sevice boundary (Maneuvering area)
	Hot spot
	RPBB (Remote Passenger Boarding Bridge)

		SURFACE	WIDTH	STRENGTH
APRON	Apron 1, 2 Cargo Apron 1 Maintenance Apron	Concrete	-	PCN 86/R/B/X/T
	Apron 3, 4 Cargo Apron 2			PCN 85/R/B/X/T
TWY A, D		Concrete	30 m Shoulder : 15 m - Paved : 12 m - Turfed : 3 m	PCN 86/R/B/X/T
TWY B, C		Asphalt		PCN 88/F/B/X/T
TWY M		Concrete	30 m Shoulder : 15 m - Paved : 15 m	PCN 85/R/B/X/T
TWY N		Asphalt		PCN 75/F/B/X/T
TWY P		Asphalt		PCN 75/F/B/X/T

Taxiway edge lights on all taxiways curve area
Taxiway center line lights on all taxiways
PAX Terminal and Concourse A VDGS equipped

Change : Establishment of name of taxilane RW, RE and Information of GSE road.

Apron 1

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
1	37°26'59.01"N	126°27'21.53"E	5 m	C
2	37°26'59.38"N	126°27'23.37"E	5 m	C
3	37°27'00.33"N	126°27'24.14"E	5 m	C, D
6	37°27'01.79"N	126°27'23.98"E	5 m	C, D, E
7	37°27'02.98"N	126°27'23.02"E	5 m	C, D, E
8	37°27'03.62"N	126°27'20.95"E	5 m	C, D, E, F
9	37°27'03.96"N	126°27'18.19"E	5 m	C, D, E
10	37°27'04.12"N	126°27'15.38"E	5 m	C, D, E, F
11	37°27'04.19"N	126°27'12.44"E	5 m	C
12	37°27'06.48"N	126°27'08.52"E	5 m	C, D, E, F
14	37°27'09.00"N	126°27'07.74"E	5 m	C, D, E
15	37°27'11.32"N	126°27'07.15"E	5 m	C, D, E, F
16	37°27'13.32"N	126°27'07.12"E	5 m	C
17	37°27'14.82"N	126°27'05.90"E	5 m	C, D, E, F
18	37°27'15.19"N	126°27'04.57"E	5 m	C
19	37°27'13.98"N	126°27'02.66"E	5 m	D, E
20	37°27'13.32"N	126°27'00.96"E	5 m	C, D
21	37°27'11.65"N	126°27'01.52"E	5 m	D, E
22	37°27'10.19"N	126°27'02.56"E	5 m	C, D, E
23	37°27'07.88"N	126°27'03.21"E	5 m	C, D, E
24	37°27'05.55"N	126°27'04.60"E	5 m	C, D, E
26	37°27'01.98"N	126°27'02.98"E	5 m	D, E
27	37°27'00.61"N	126°27'00.33"E	5 m	C, D, E
28	37°26'58.98"N	126°26'57.90"E	5 m	C, D, E
30	37°26'59.02"N	126°26'52.99"E	5 m	C, D, E
31	37°27'00.76"N	126°26'50.75"E	5 m	C, D, E
32	37°27'02.09"N	126°26'48.30"E	5 m	C, D, E
33	37°27'03.49"N	126°26'46.48"E	5 m	C, D, E
34	37°27'04.47"N	126°26'44.84"E	5 m	C, D
35	37°27'03.10"N	126°26'43.40"E	5 m	C, D, E
36	37°27'01.99"N	126°26'41.98"E	5 m	C, D
37	37°27'00.42"N	126°26'42.00"E	5 m	C, D
38	37°26'59.63"N	126°26'43.22"E	5 m	C, D
39	37°26'59.22"N	126°26'45.25"E	5 m	D, E
40	37°26'57.92"N	126°26'47.76"E	5 m	D, E
41	37°26'56.42"N	126°26'50.64"E	5 m	C, D, E
42	37°26'52.80"N	126°26'52.08"E	5 m	C
43	37°26'50.53"N	126°26'51.16"E	5 m	C, D, E, F
45	37°26'48.40"N	126°26'50.48"E	5 m	C, D, E
46	37°26'46.20"N	126°26'50.12"E	5 m	C, D, E, F
47	37°26'44.31"N	126°26'49.97"E	5 m	C, D, E
48	37°26'43.08"N	126°26'51.58"E	5 m	C, D, E
49	37°26'42.96"N	126°26'53.31"E	5 m	D, E
50	37°26'44.24"N	126°26'55.57"E	5 m	C, D, E
103	37°27'29.61"N	126°27'00.02"E	5 m	C
105	37°27'28.47"N	126°26'58.60"E	5 m	C, D
107	37°27'27.37"N	126°26'55.96"E	5 m	C, D, E
109	37°27'26.01"N	126°26'53.56"E	5 m	C, D, E
111	37°27'24.37"N	126°26'50.65"E	5 m	C, D, E
113	37°27'23.01"N	126°26'48.25"E	5 m	C, D, E
115	37°27'21.35"N	126°26'46.10"E	5 m	C, D
117	37°27'20.09"N	126°26'43.75"E	5 m	C, D
119	37°27'18.68"N	126°26'41.24"E	5 m	D
121	37°27'17.57"N	126°26'38.62"E	5 m	C, D, E
123	37°27'16.21"N	126°26'36.21"E	5 m	C, D, E
125	37°27'14.44"N	126°26'33.47"E	5 m	C, D, E
127	37°27'12.93"N	126°26'31.20"E	5 m	C, D
129	37°27'11.95"N	126°26'28.78"E	5 m	C, D
131	37°27'10.96"N	126°26'27.53"E	5 m	C, D, E
132	37°27'11.83"N	126°26'26.00"E	5 m	C, D

Run-up Area

* Engine Run-up Area : North of Maintenance Apron
** In case of the Run-up area U/S, 14A(North part of TWY A) can be allocated as Temporary run-up area.

Apron 2

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
101	37°27'31.17"N	126°26'57.99"E	5 m	C
102	37°27'32.40"N	126°26'56.80"E	6 m	C
104	37°27'31.69"N	126°26'55.45"E	6 m	C, D
106	37°27'30.28"N	126°26'54.22"E	5 m	C, D, E, F
108	37°27'29.12"N	126°26'51.63"E	6 m	C, D, E
110	37°27'27.40"N	126°26'49.17"E	6 m	C, D, E, F
112	37°27'25.76"N	126°26'46.27"E	6 m	C, D, E, F
114	37°27'24.79"N	126°26'43.46"E	6 m	C, D
118	37°27'20.81"N	126°26'36.98"E	6 m	C, D, E
122	37°27'19.02"N	126°26'34.35"E	6 m	C, D, E, F
124	37°27'17.52"N	126°26'31.69"E	5 m	C, D, E
126	37°27'16.02"N	126°26'29.04"E	5 m	C, D, E, F
128	37°27'15.04"N	126°26'26.25"E	5 m	C, D
130	37°27'13.78"N	126°26'24.86"E	5 m	C, D, E
321	37°27'42.95"N	126°26'48.77"E	5 m	A ~ C
322	37°27'41.39"N	126°26'46.17"E	5 m	A ~ F
323	37°27'39.40"N	126°26'42.64"E	5 m	A ~ F
324	37°27'37.40"N	126°26'39.11"E	5 m	A ~ F
325	37°27'35.57"N	126°26'35.87"E	5 m	A ~ E
326	37°27'33.91"N	126°26'32.92"E	5 m	A ~ E
327	37°27'32.24"N	126°26'29.98"E	5 m	A ~ E
328	37°27'30.58"N	126°26'27.03"E	5 m	A ~ E
329	37°27'28.75"N	126°26'23.80"E	5 m	A ~ F
330	37°27'26.75"N	126°26'20.27"E	5 m	A ~ F
331	37°27'24.76"N	126°26'16.74"E	5 m	A ~ F
332	37°27'23.31"N	126°26'14.03"E	5 m	A ~ C
341	37°27'49.32" N	126°26'42.05"E	5 m	A ~ F
342	37°27'47.68" N	126°26'39.15"E	5 m	A ~ F
343	37°27'46.07" N	126°26'36.30"E	5 m	A ~ E
344	37°27'44.22" N	126°26'34.91"E	5 m	A ~ C
345	37°27'43.46" N	126°26'33.57"E	5 m	A ~ C
346	37°27'42.70" N	126°26'32.22"E	5 m	A ~ C
347	37°27'41.94" N	126°26'30.88"E	5 m	A ~ C
348	37°27'41.18" N	126°26'29.53"E	5 m	A ~ C
349	37°27'40.42" N	126°26'28.19"E	5 m	A ~ C
350	37°27'34.01" N	126°26'16.84"E	5 m	A ~ C
351	37°27'33.62" N	126°26'14.28"E	5 m	A ~ E
352	37°27'32.12" N	126°26'11.63"E	5 m	A ~ F
353	37°27'30.48" N	126°26'08.73"E	5 m	A ~ F

Apron 3

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
208	37°28'17.64"N	126°25'42.85"E	6 m	C
209	37°28'16.72"N	126°25'41.26"E	6 m	C
210	37°28'16.63"N	126°25'39.77"E	6 m	C
211	37°28'15.86"N	126°25'38.41"E	6 m	C
212	37°28'15.09"N	126°25'37.05"E	6 m	C
213	37°28'14.33"N	126°25'35.70"E	6 m	C
214	37°28'13.68"N	126°25'34.41"E	6 m	C
215	37°28'12.51"N	126°25'34.60"E	6 m	C
216	37°28'11.52"N	126°25'36.04"E	6 m	C, D, E
217	37°28'10.01"N	126°25'37.55"E	6 m	C, D ,E
218	37°28'08.38"N	126°25'39.48"E	6 m	C, D, E
219	37°28'06.14"N	126°25'40.40"E	6 m	C
220	37°28'04.93"N	126°25'43.19"E	6 m	C, D, E
221	37°28'03.06"N	126°25'44.99"E	6 m	C, D, E
222	37°28'01.08"N	126°25'46.89"E	6 m	C, D, E
224	37°27'58.83"N	126°25'48.98"E	6 m	C, D, E, F
225	37°27'56.10"N	126°25'51.51"E	6 m	C, D, E, F
231	37°27'53.50"N	126°25'53.73"E	6 m	C, D, E, F
232	37°27'50.63"N	126°25'55.11"E	6 m	C, D, E, F
233	37°27'48.07"N	126°25'56.43"E	6 m	C, D, E, F
234	37°27'45.25"N	126°25'57.65"E	6 m	C, D, E, F
235	37°27'43.43"N	126°25'58.43"E	6 m	C, D, E
236	37°27'41.63"N	126°25'59.34"E	5 m	C
237	37°27'41.95"N	126°26'00.49"E	5 m	C
238	37°27'41.95"N	126°26'02.41"E	5 m	C
239	37°27'42.57"N	126°26'03.75"E	5 m	C
240	37°27'43.84"N	126°26'03.91"E	5 m	C
241	37°27'45.11"N	126°26'04.57"E	6 m	C, D, E

Apron 3

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
242	37°27'46.48"N	126°26'03.41"E	6 m	C, D, E
243	37°27'48.32"N	126°26'02.55"E	6 m	C
245	37°27'48.94"N	126°26'00.76"E	6 m	C
246	37°27'51.45"N	126°25'59.22"E	6 m	C, D, E
247	37°27'55.00"N	126°25'59.73"E	6 m	C, D, E
248	37°27'57.26"N	126°26'02.24"E	6 m	C, D, E
249	37°27'58.75"N	126°26'04.92"E	6 m	C, D, E
250	37°27'59.11"N	126°26'07.52"E	6 m	C
251	37°28'01.48"N	126°26'09.77"E	6 m	C, D, E
252	37°28'03.02"N	126°26'12.43"E	6 m	C, D, E
253	37°28'04.15"N	126°26'15.83"E	6 m	C, D, E
254	37°28'03.39"N	126°26'20.27"E	6 m	C, D, E
255	37°28'00.46"N	126°26'23.80"E	6 m	C, D, E
256	37°27'58.59"N	126°26'25.00"E	6 m	C, D, E
257	37°27'57.32"N	126°26'26.21"E	6 m	C, D, E
258	37°27'56.59"N	126°26'27.91"E	5 m	C
259	37°27'57.47"N	126°26'28.63"E	5 m	C
260	37°27'58.31"N	126°26'30.31"E	5 m	C
261	37°27'59.23"N	126°26'31.37"E	5 m	C
262	37°28'00.14"N	126°26'30.66"E	6 m	C
263	37°28'01.52"N	126°26'29.98"E	6 m	E
264	37°28'02.61"N	126°26'27.99"E	6 m	C, D, E, F
265	37°28'04.51"N	126°26'25.12"E	6 m	C, D, E, F
266	37°28'06.25"N	126°26'22.61"E	6 m	C, D, E, F
267	37°28'08.33"N	126°26'19.82"E	6 m	C, D, E, F
268	37°28'10.50"N	126°26'17.17"E	6 m	C, D, E, F
275	37°28'13.44"N	126°26'14.89"E	6 m	C, D, E, F
276	37°28'15.65"N	126°26'13.09"E	6 m	C, D, E
277	37°28'17.62"N	126°26'11.48"E	6 m	C, D, E
278	37°28'19.59"N	126°26'09.88"E	6 m	C, D, E
279	37°28'21.67"N	126°26'09.56"E	6 m	C
280	37°28'22.92"N	126°26'07.29"E	6 m	C, D, E
281	37°28'25.07"N	126°26'05.82"E	6 m	C, D, E
282	37°28'29.18"N	126°26'04.32"E	6 m	C, D, E
283	37°28'29.36"N	126°26'03.73"E	6 m	C, D, E
284	37°28'28.21"N	126°26'02.28"E	6 m	C
285	37°28'28.84"N	126°26'01.08"E	6 m	C
286	37°28'27.06"N	126°25'59.99"E	6 m	C
287	37°28'26.30"N	126°25'58.63"E	6 m	C
288	37°28'25.52"N	126°25'57.27"E	6 m	C
289	37°28'24.75"N	126°25'55.91"E	6 m	C
290	37°28'24.99"N	126°25'54.55"E	6 m	C, D, E
291	37°28'23.40"N	126°25'54.89"E	6 m	C
361	37°27'51.51"N	126°26'40.93"E	5 m	A ~ C
362	37°27'49.79"N	126°26'39.36"E	5 m	A ~ E
363	37°27'48.43"N	126°26'36.95"E	5 m	A ~ E
364	37°27'47.07"N	126°26'34.54"E	5 m	A ~ E
365	37°27'45.71"N	126°26'32.14"E	5 m	A ~ E
366	37°27'44.35"N	126°26'29.73"E	5 m	A ~ E
367	37°27'42.99"N	126°26'27.32"E	5 m	A ~ E
368	37°27'42.44"N	126°26'24.88"E	5 m	A ~ C
369	37°27'41.09"N	126°26'22.49"E	5 m	A ~ C
370	37°27'39.46"N	126°26'21.08"E	5 m	A ~ E
371	37°27'38.10"N	126°26'18.68"E	5 m	A ~ E
372	37°27'36.74"N	126°26'16.27"E	5 m	A ~ E
373	37°27'35.38"N	126°26'13.86"E	5 m	A ~ E
374	37°27'34.02"N	126°26'11.46"E	5 m	A ~ E
375	37°27'32.66"N	126°26'09.05"E	5 m	A ~ E
376	37°27'32.05"N	126°26'06.50"E	5 m	A ~ C
501	37°28'17.62"N	126°26'24.10"E	5 m	A ~ F
502	37°28'19.80"N	126°26'22.19"E	5 m	A ~ F
503	37°28'21.77"N	126°26'20.42"E	5 m	A ~ E
504	37°28'23.70"N	126°26'18.71"E	5 m	A ~ E
505	37°28'25.47"N	126°26'17.15"E	5 m	A ~ D
506	37°28'32.85"N	126°26'10.78"E	5 m	A ~ C
507	37°28'33.93"N	126°26'09.81"E	5 m	A ~ C
511	37°27'53.23"N	126°25'41.01"E	5 m	A ~ F
512	37°27'55.40"N	126°25'39.08"E	5 m	A ~ F
513	37°27'57.37"N	126°25'37.32"E	5 m	A ~ E
514	37°27'59.30"N	126°25'35.61"E	5 m	A ~ E
515	37°28'01.06"N	126°25'34.03"E	5 m	A ~ D
516	37°28'08.35"N	126°25'27.44"E	5 m	A ~ C
517	37°28'09.42"N	126°25'26.49"E	5 m	A ~ C

Apron 4

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
520	37°28'30.58"N	126°25'33.83"E	5 m	A ~ C
521	37°28'31.54"N	126°25'32.62"E	5 m	A ~ C
522	37°28'32.61"N	126°25'31.66"E	5 m	A ~ C
523	37°28'34.58"N	126°25'31.07"E	5 m	A ~ E
524	37°28'36.50"N	126°25'29.37"E	5 m	A ~ E
525	37°28'38.42"N	126°25'27.66"E	5 m	A ~ E
526	37°28'40.34"N	126°25'25.95"E	5 m	A ~ E
527	37°28'41.44"N	126°25'23.81"E	5 m	A ~ C
528	37°28'42.51"N	126°25'22.86"E	5 m	A ~ C
529	37°28'43.71"N	126°25'22.14"E	5 m	A ~ C
531	37°28'26.95"N	126°25'27.30"E	5 m	A ~ C
532	37°28'28.24"N	126°25'25.51"E	5 m	A ~ E
533	37°28'30.16"N	126°25'23.80"E	5 m	A ~ E
534	37°28'37.38"N	126°25'17.38"E	5 m	A ~ E
535	37°28'39.29"N	126°25'15.67"E	5 m	A ~ E
541	37°28'21.85"N	126°25'29.06"E	5 m	A ~ F
542	37°28'24.17"N	126°25'27.00"E	5 m	A ~ F
543	37°28'26.48"N	126°25'24.94"E	5 m	A ~ F
544	37°28'28.80"N	126°25'22.88"E	5 m	A ~ F
545	37°28'36.59"N	126°25'15.99"E	5 m	A ~ E
546	37°28'38.51"N	126°25'14.28"E	5 m	A ~ E
547	37°28'39.96"N	126°25'12.77"E	5 m	A ~ C
558	37°28'34.40"N	126°25'04.70"E	5 m	A ~ E

Cargo Apron 1

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
601	37°27'47.85"N	126°27'49.55"E	6 m	A ~ E
602	37°27'49.21"N	126°27'51.96"E	6 m	A ~ E
603	37°27'50.57"N	126°27'54.37"E	6 m	A ~ F
604	37°27'52.30"N	126°27'57.44"E	6 m	A ~ F
605	37°27'53.66"N	126°27'59.84"E	6 m	A ~ E
606	37°27'55.02"N	126°28'02.25"E	6 m	A ~ F
607	37°27'56.76"N	126°28'05.32"E	6 m	A ~ F
608	37°27'58.12"N	126°28'07.73"E	6 m	A ~ E
609	37°27'59.48"N	126°28'10.14"E	6 m	A ~ E
610	37°28'01.21"N	126°28'13.21"E	6 m	A ~ E
611	37°28'02.57"N	126°28'15.61"E	6 m	A ~ E
612	37°28'03.93"N	126°28'18.02"E	6 m	A ~ E
613	37°28'05.34"N	126°28'20.38"E	6 m	A ~ E
614	37°28'06.70"N	126°28'22.79"E	6 m	A ~ E
615	37°28'08.06"N	126°28'25.19"E	6 m	A ~ E
616	37°28'09.42"N	126°28'27.60"E	6 m	A ~ F
621	37°27'56.09"N	126°27'42.23"E	6 m	A ~ E
622	37°27'57.44"N	126°27'44.64"E	6 m	A ~ E
623	37°27'58.80"N	126°27'47.05"E	6 m	A ~ F
624	37°28'00.53"N	126°27'50.12"E	6 m	A ~ F
625	37°28'01.89"N	126°27'52.53"E	6 m	A ~ E
626	37°28'03.25"N	126°27'54.93"E	6 m	A ~ F
627	37°28'04.99"N	126°27'58.00"E	6 m	A ~ F
628	37°28'06.35"N	126°28'00.41"E	6 m	A ~ E
629	37°28'07.71"N	126°28'02.82"E	6 m	A ~ F
630	37°28'09.44"N	126°28'05.89"E	6 m	A ~ F
631	37°28'10.80"N	126 28'08.30"E	6 m	A ~ E
632	37°28'12.16"N	126°28'10.70"E	6 m	A ~ E
633	37°28'13.48"N	126°28'13.14"E	6 m	A ~ E
634	37°28'14.84"N	126°28'15.54"E	6 m	A ~ E
635	37°28'16.20"N	126°28'17.95"E	6 m	A ~ E
636	37°28'17.56"N	126°28'20.36"E	6 m	A ~ F

Isolated Security Parking Position

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
901	37°29'32.58"N	126°26'20.52"E	5 m	A ~ F

Cargo Apron 2

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
641	37°28'14.44"N	126°27'26.30"E	6 m	A ~ F
642	37°28'16.08"N	126°27'28.84"E	6 m	A ~ E
643	37°28'17.44"N	126°27'31.24"E	6 m	A ~ E
644	37°28'18.80"N	126°27'34.02"E	6 m	A ~ F
645	37°28'20.40"N	126°27'36.55"E	6 m	A ~ E
646	37°28'21.76"N	126°27'38.96"E	6 m	A ~ E
647	37°28'23.13"N	126°27'41.37"E	6 m	A ~ F
648	37°28'25.70"N	126°27'45.82"E	6 m	A ~ F
649	37°28'27.46"N	126°27'48.57"E	6 m	A ~ E
650	37°28'28.82"N	126°27'50.97"E	6 m	A ~ E
651	37°28'30.18"N	126°27'53.38"E	6 m	A ~ E
652	37°28'31.87"N	126°27'56.74"E	6 m	A ~ F
653	37°28'33.51"N	126°27'59.27"E	6 m	A ~ E
654	37°28'34.87"N	126°28'01.68"E	6 m	A ~ E
655	37°28'36.23"N	126°28'04.09"E	6 m	A ~ F
671	37°28'24.41"N	126°27'18.95"E	6 m	A ~ F
672	37°28'25.78"N	126°27'21.75"E	6 m	A ~ E
673	37°28'27.14"N	126°27'24.16"E	6 m	A ~ E
674	37°28'28.78"N	126°27'26.69"E	6 m	A ~ F
675	37°28'30.14"N	126°27'29.47"E	6 m	A ~ E
676	37°28'31.50"N	126°27'31.88"E	6 m	A ~ E
677	37°28'32.86"N	126°27'34.28"E	6 m	A ~ E
678	37°28'36.42"N	126°27'40.58"E	6 m	A ~ E
679	37°28'37.78"N	126°27'42.98"E	6 m	A ~ E
680	37°28'39.14"N	126°27'45.41"E	6 m	A ~ E
681	37°28'41.11"N	126°27'48.52"E	6 m	A ~ F
682	37°28'42.48"N	126°27'51.32"E	6 m	A ~ E
683	37°28'43.84"N	126°27'53.73"E	6 m	A ~ E

Maintenance Apron

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
701	37°28'38.17"N	126°25'56.92"E	5 m	A ~ F
702	37°28'40.54"N	126°25'55.13"E	5 m	A ~ E
703	37°28'42.79"N	126°25'53.13"E	5 m	A ~ E
704	37°28'45.07"N	126°25'50.82"E	5 m	A ~ F
705	37°28'47.82"N	126°25'48.37"E	5 m	A ~ F
706	37°28'51.33"N	126°25'45.53"E	5 m	A ~ E
707	37°28'53.25"N	126°25'43.82"E	5 m	A ~ E
708	37°28'55.44"N	126°25'41.87"E	5 m	A ~ E
709	37°28'57.64"N	126°25'39.91"E	5 m	A ~ F
710	37°28'59.91"N	126°25'37.61"E	5 m	A ~ F
711	37°29'02.32"N	126°25'35.53"E	5 m	A ~ E

Deicing Apron

	INS COORDINATES FOR AIRCRAFT STANDS			STAND AVAILABILITY
	WGS-84		ELEV(AMSL)	
301	37°27'40.02"N	126°26'51.37"E	5 m	A ~ C
302	37°27'38.47"N	126°26 48.77"E	5 m	A ~ F
303	37°27'36.47"N	126°26 45.24"E	5 m	A ~ F
304	37°27'34.48"N	126°26 41.71"E	5 m	A ~ F
305	37°27'32.64"N	126°26'38.47"E	5 m	A ~ E
306	37°27'30.98"N	126°26'35.53"E	5 m	A ~ E
307	37°27'29.32"N	126°26'32.58"E	5 m	A ~ E
308	37°27'27.66"N	126°26'29.64"E	5 m	A ~ E
309	37°27'25.83"N	126°26'26.40"E	5 m	A ~ F
310	37°27'23.83"N	126°26'22.87"E	5 m	A ~ F
311	37°27'21.83"N	126°26'19.34"E	5 m	A ~ F
312	37°27'20.39"N	126°26'16.64"E	5 m	A ~ C
551	37°28'16.56"N	126°25'20.59"E	5 m	A ~ F
552	37°28'19.34"N	126°25'18.11"E	5 m	A ~ F
553	37°28'21.89"N	126°25'15.84"E	5 m	A ~ E
554	37°28'24.21"N	126°25'13.78"E	5 m	A ~ E
557	37°28'31.86"N	126°25'06.97"E	5 m	A ~ F
814	37°27'52.01"N	126°26'20.89"E	6 m	A ~ E
815	37°27'54.52"N	126°26'18.67"E	6 m	A ~ E
816	37°27'47.26"N	126°26'12.48"E	6 m	A ~ E
817	37°27'49.76"N	126°26'10.25"E	5 m	A ~ E
821	37°27'02.96"N	126°27'36.40"E	5 m	A ~ E
822	37°27'05.14"N	126°27'34.46"E	5 m	A ~ E
823	37°27'07.88"N	126°27'32.02"E	5 m	A ~ F
825	37°27'12.58"N	126°27'19.93"E	5 m	A ~ F
831	37°26'30.63"N	126°26'48.42"E	5 m	A ~ F
832	37°26'33.99"N	126°26'45.57"E	5 m	A ~ E
833	37°26'36.43"N	126°26'43.41"E	5 m	A ~ E
834	37°26'38.86"N	126°26'41.24"E	5 m	A ~ E
841	37°27'22.89"N	126°28'10.08"E	6 m	A ~ F
842	37°27'25.06"N	126°28'13.55"E	6 m	A ~ F
851	37°29'06.04"N	126°26'38.35"E	5 m	A ~ F
852	37°29'08.26"N	126°26 41.78"E	5 m	A ~ F

Note : Refer to RKSI AD 2.20, 12. Special notice to ICAO Code F aircraft(A380 & B747-8) operators for ICAO Code F aircraft stands including multiple use stands.

AERODROME GROUND MOVEMENT CHART - ICAO

APRON ELEV **6** m

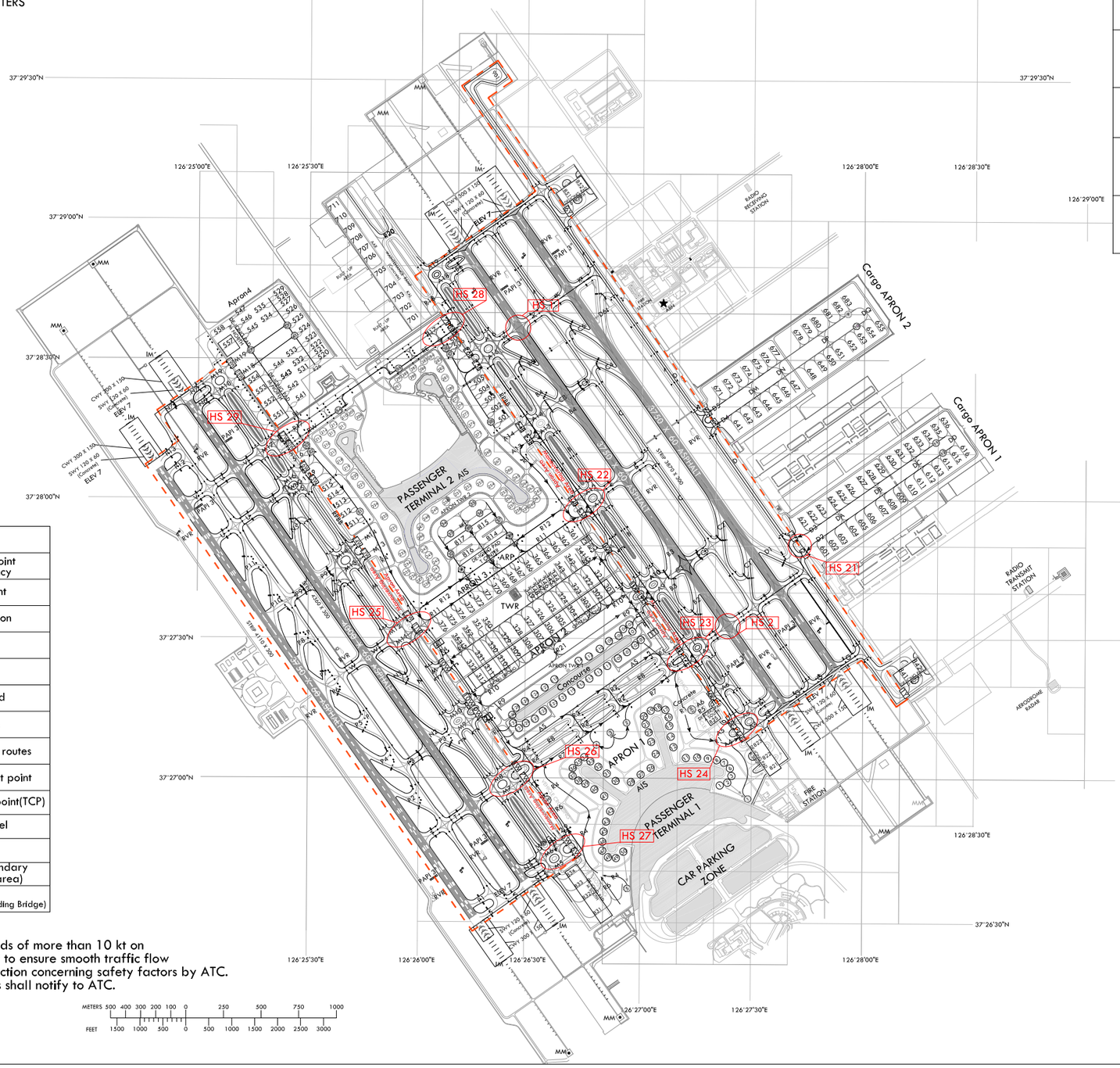
TWR	118.2(E)	118.8(W)	
GND	121.75(E)	121.7(W)	
APRON	121.65	122.175	123.675
	121.8	123.325	129.725

SEOUL / Incheon Intl
RWY 15L/R, 33L/R DEPARTURE

ELEVATIONS AND DIMENSION IN METERS
BEARINGS ARE MAGNETIC

VAR 9° W 2020

ANNUAL RATE OF CHANGE
6' W



HS 1	AIRCRAFT TAXIING ON TAXIWAY K FROM RUNWAY 33R AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 33L FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 33L WITHOUT ATC AUTHORIZATION.
HS 2	AIRCRAFT TAXIING ON TAXIWAY J FROM RUNWAY 15L AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 15R FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 15R WITHOUT ATC AUTHORIZATION.
HS 21~23, 25, 26	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER).
HS 24, 27	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER). AND DO NOT MOVE WHEN SAFETY DISTANCE IS NOT ASSURED.
HS 28, 29	USE CAUTION OF CONFUSION OF TAXIWAYS. **TAXILANE RW & RE ARE NOT COMPLIANT WITH CODE D, E, F AIRCRAFT.** USE CAUTION OF VEHICLE AROUND GSE ROADS INTERSECTION AREAS(RE-R1, RW-R4).

Note 1
When non-standard taxi routes are applicable, Incheon APRON will issue transition taxi instructions one to another taxilane in APRON 2, APRON 3, APRON 4 and Cargo APRONs.

Note 2
Aircraft shall not taxi into maneuvering area without clearance from Incheon Tower or Ground.

CAUTION
Taxilane RE & RW can only be used by Code C aircraft or smaller(maximum wingspan 36 m).

LEGEND	
WNG 112.9	VOR check-point and frequency
● ● ●	Stop-bar light
54R	Holding position
R4	Taxi lane
50	Gate
301	Remote stand
→	Taxi routes
→	De-icing pad taxi routes
3	Powered taxi-start point
1E	Transfer of control point(TCP)
	Open channel
	Hot spot
	ATC service boundary (Maneuvering area)
	RPBB (Remote Passenger Boarding Bridge)

Note
All aeroplane will taxi at speeds of more than 10 kt on Taxiways A, B, C, D, M, N or P to ensure smooth traffic flow unless there is exceptional direction concerning safety factors by ATC. And if it is impracticable, pilots shall notify to ATC.

METERS 500 400 300 200 100 0 250 500 750 1000
FEET 1500 1000 500 0 500 1000 1500 2000 2500 3000

		SURFACE	WIDTH	STRENGTH
APRON	Apron 1, 2 Cargo Apron 1 Maintenance Apron	Concrete	-	PCN 86/R/B/X/T
	Apron 3, 4 Cargo Apron 2			PCN 85/R/B/X/T
TWY A, D		Concrete	30 m Shoulder : 15 m - Paved : 12 m - Turfed : 3 m	PCN 86/R/B/X/T
TWY B, C		Asphalt		PCN 88/F/B/X/T
TWY M		Concrete	30 m Shoulder : 15 m - Paved : 15 m	PCN 85/R/B/X/T
TWY N		Asphalt		PCN 75/F/B/X/T
TWY P		Asphalt		PCN 75/F/B/X/T

Taxiway edge lights on all taxiways curve area
Taxiway center line lights on all taxiways
PAX Terminal and Concourse A VDGS equipped

Change : Establishment of name of taxilane RW, RE and Information of GSE road.

AERODROME GROUND MOVEMENT CHART - ICAO

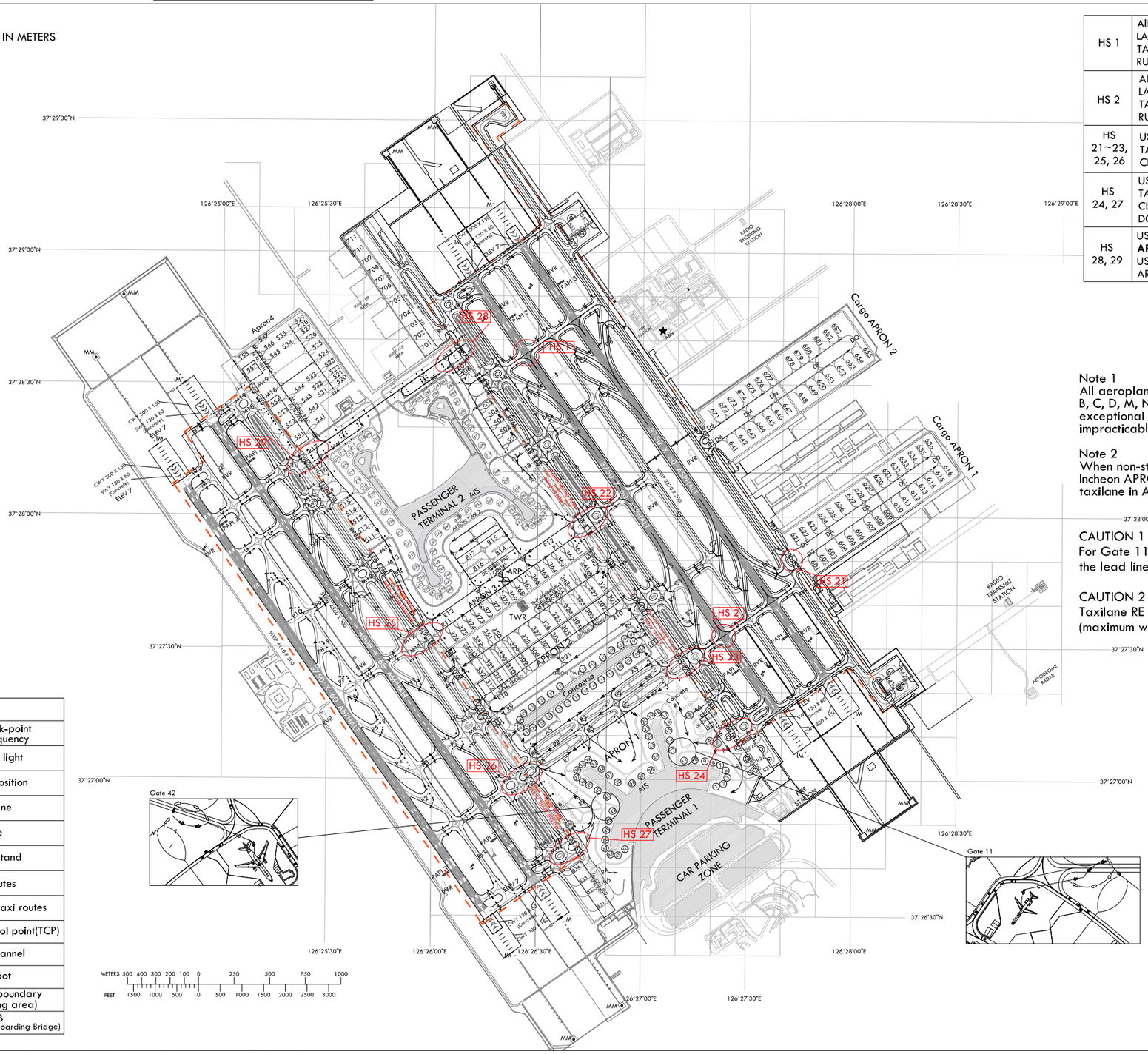
APRON ELEV **6** m

TWR	118.2(E)	118.8(W)	
GND	121.75(E)	121.7(W)	
APRON	121.65	122.175	123.675
	121.8	123.325	129.725

SEOUL / Incheon Intl
RWY 15L/R, 33L/R ARRIVAL

ELEVATIONS AND DIMENSION IN METERS
BEARINGS ARE MAGNETIC

VAR 9° W 2020
ANNUAL RATE OF CHANGE 6' W



HS 1	AIRCRAFT TAXIING ON TAXIWAY K FROM RUNWAY 33R AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 33L FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 33L WITHOUT ATC AUTHORIZATION.
HS 2	AIRCRAFT TAXIING ON TAXIWAY J FROM RUNWAY 15L AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 15R FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 15R WITHOUT ATC AUTHORIZATION.
HS 21~23, 25, 26	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER).
HS 24, 27	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER). AND DO NOT MOVE WHEN SAFETY DISTANCE IS NOT ASSURED.
HS 28, 29	USE CAUTION OF CONFUSION OF TAXIWAYS. **TAXILANE RW & RE ARE NOT COMPLIANT WITH CODE D, E, F AIRCRAFT.** USE CAUTION OF VEHICLE AROUND GSE ROADS INTERSECTION AREAS(RE-R1, RW-R4).

Note 1
All aeroplane will taxi at speeds of more than 10 kt on Taxiways A, B, C, D, M, N or P to ensure smooth traffic flow unless there is exceptional direction concerning safety factors by ATC. And if it is impracticable, pilots shall notify to ATC.

Note 2
When non-standard taxi routes are applicable,
Incheon APRON will issue transition taxi instructions one to another taxilane in APRON 2, APRON 3, APRON 4 and Cargo APRONs.

CAUTION 1
For Gate 11 and 42, pilots needs to pay extra caution to follow the lead lines, which may require more than two turns.

CAUTION 2
Taxilane RE & RW can only be used by Code C aircraft or smaller (maximum wingspan 36 m).

LEGEND	
WNG 112.9	VOR check-point and frequency
● ● ●	Stop-bar light
54R	Holding position
R4	Taxi lane
50	Gate
301	Remote stand
→	Taxi routes
→	Alternate Taxi routes
1E	Transfer of control point(TCP)
	Open channel
	Hot spot
	ATC service boundary (Maneuvering area)
	RPBB (Remote Passenger Boarding Bridge)

		SURFACE	WIDTH	STRENGTH
APRON	Apron 1, 2 Cargo Apron 1 Maintenace Apron	Concrete	-	PCN 86/R/B/X/T
	Apron 3, 4 Cargo Apron 2			PCN 85/R/B/X/T
TWY A, D		Concrete	30 m Shoulder : 1.5 m - Paved : 12 m - Turfed : 3 m	PCN 86/R/B/X/T
TWY B, C		Asphalt		PCN 88/F/B/X/T
TWY M		Concrete	30 m Shoulder : 1.5 m - Paved : 15 m	PCN 85/R/B/X/T
TWY N		Asphalt		PCN 75/F/B/X/T
TWY P		Asphalt		PCN 75/F/B/X/T

Taxiway edge lights on all taxiways curve area
Taxiway center line lights on all taxiways
PAX Terminal and Concourse A VDGS equipped

Change : Establishment of name of taxilane RW, RE and Information of GSE road.

AERODROME GROUND MOVEMENT CHART - ICAO

APRON ELEV **6** m

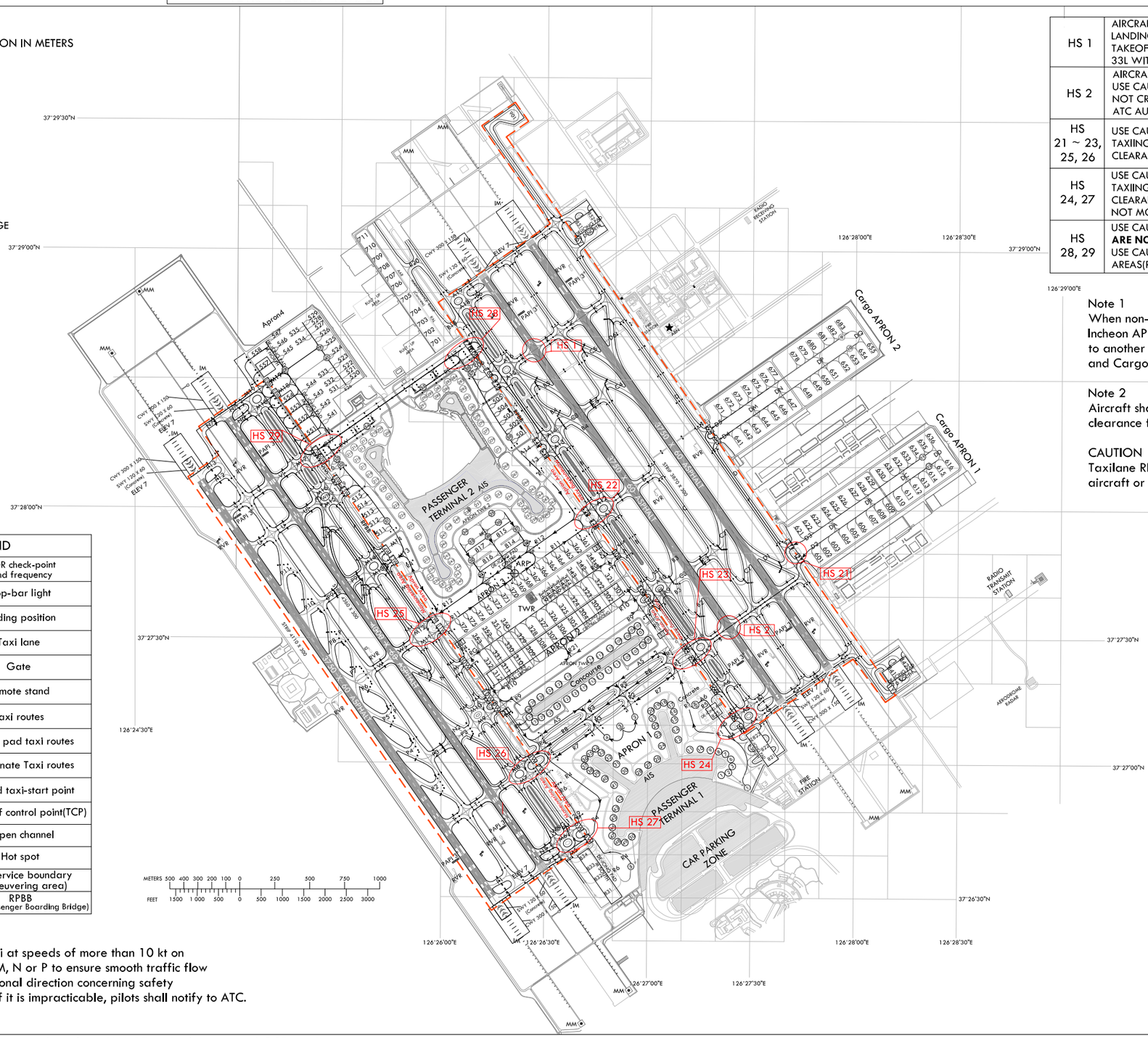
TWR	118.2(E)	118.8(W)	
GND	121.75(E)	121.7(W)	
APRON	121.65	122.175	123.675
	121.8	123.325	129.725

SEOUL / Incheon Intl
RWY 16L/R, 34L/R DEPARTURE

ELEVATIONS AND DIMENSION IN METERS
BEARINGS ARE MAGNETIC

VAR 9° W 2020

ANNUAL RATE OF CHANGE
6' W



HS 1	AIRCRAFT TAXIING ON TAXIWAY K FROM RUNWAY 33R AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 33L FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 33L WITHOUT ATC AUTHORIZATION.
HS 2	AIRCRAFT TAXIING ON TAXIWAY J FROM RUNWAY 15L AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 15R FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 15R WITHOUT ATC AUTHORIZATION.
HS 21 ~ 23, 25, 26	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER).
HS 24, 27	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER). AND DO NOT MOVE WHEN SAFETY DISTANCE IS NOT ASSURED.
HS 28, 29	USE CAUTION OF CONFUSION OF TAXIWAYS. **TAXILANE RW & RE ARE NOT COMPLIANT WITH CODE D, E, F AIRCRAFT.** USE CAUTION OF VEHICLE AROUND GSE ROADS INTERSECTION AREAS(RE-R1, RW-R4).

Note 1
When non-standard taxi routes are applicable, Incheon APRON will issue transition taxi instructions one to another taxilane in APRON 2, APRON 3, APRON 4 and Cargo APRONs.

Note 2
Aircraft shall not taxi into maneuvering area without clearance from Incheon Tower or Ground.

CAUTION
Taxilane RE & RW can only be used by Code C aircraft or smaller (maximum wingspan 36 m).

LEGEND

WNG 112.9	VOR check-point and frequency
● ● ●	Stop-bar light
54R	Holding position
R4	Taxi lane
50	Gate
301	Remote stand
→	Taxi routes
→	De-icing pad taxi routes
→	Alternate Taxi routes
3	Powered taxi-start point
1E	Transfer of control point(TCP)
	Open channel
	Hot spot
	ATC service boundary (Maneuvering area)
	RPBB (Remote Passenger Boarding Bridge)

METERS 500 400 300 200 100 0 250 500 750 1000
FEET 1500 1000 500 0 500 1000 1500 2000 2500 3000

Note
All aeroplane will taxi at speeds of more than 10 kt on Taxiways A, B, C, D, M, N or P to ensure smooth traffic flow unless there is exceptional direction concerning safety factors by ATC. And if it is impracticable, pilots shall notify to ATC.

		SURFACE	WIDTH	STRENGTH
APRON	Apron 1, 2 Cargo Apron 1 Maintenance Apron	Concrete	-	PCN 86/R/B/X/T
	Apron 3, 4 Cargo Apron 2			PCN 85/R/B/X/T
TWY A, D		Concrete	30 m Shoulder : 15 m - Paved : 12 m - Turfed : 3 m	PCN 86/R/B/X/T
TWY B, C		Asphalt		PCN 88/F/B/X/T
TWY M		Concrete	30 m Shoulder : 15 m - Paved : 15 m	PCN 85/R/B/X/T
TWY N		Asphalt		PCN 75/F/B/X/T
TWY P		Asphalt		PCN 75/F/B/X/T

Taxiway edge lights on all taxiways curve area
Taxiway center line lights on all taxiways
PAX Terminal and Concourse A VDGS equipped

Change : Establishment of name of taxilane RW, RE and Information of GSE road.

AERODROME GROUND MOVEMENT CHART - ICAO

APRON ELEV **6** m

TWR	118.2(E)	118.8(W)	
GND	121.75(E)	121.7(W)	
APRON	121.65	122.175	123.675
	121.8	123.325	129.725

SEOUL / Incheon Intl
RWY 16L/R, 34L/R ARRIVAL

ELEVATIONS AND DIMENSION IN METERS
BEARINGS ARE MAGNETIC

VAR 9° W 2020

ANNUAL RATE OF CHANGE
6' W

HS 1	AIRCRAFT TAXIING ON TAXIWAY K FROM RUNWAY 33R AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 33L FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 33L WITHOUT ATC AUTHORIZATION.
HS 2	AIRCRAFT TAXIING ON TAXIWAY J FROM RUNWAY 15L AFTER LANDING USE CAUTION WHEN ATC UTILIZES RUNWAY 15R FOR TAKEOFFS. DO NOT CROSS THE HOLDING MARKING FOR RUNWAY 15R WITHOUT ATC AUTHORIZATION.
HS 21~23, 25, 26	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER).
HS 24, 27	USE CAUTION OF CONFUSION ON TAXIWAYS. DO NOT PROCEED TAXIING BEYOND TRANSFER OF CONTROL POINTS WITHOUT CLEARANCE FROM INCHEON APRON OR GROUND(TOWER). AND DO NOT MOVE WHEN SAFETY DISTANCE IS NOT ASSURED.
HS 28, 29	USE CAUTION OF CONFUSION OF TAXIWAYS. **TAXILANE RW & RE ARE NOT COMPLIANT WITH CODE D, E, F AIRCRAFT.** USE CAUTION OF VEHICLE AROUND GSE ROADS INTERSECTION AREAS(RE-R1, RW-R4).

Note 1
All aeroplane will taxi at speeds of more than 10 kt on Taxiways A, B, C, D, M, N or P to ensure smooth traffic flow unless there is exceptional direction concerning safety factors by ATC. And if it is impracticable, pilots shall notify to ATC.

Note 2
When non-standard taxi routes are applicable, Incheon APRON will issue transition taxi instructions one to another taxilane in APRON 2, APRON 3, APRON 4 and Cargo APRONs.

CAUTION 1
For Gate 11 and 42, pilots needs to pay extra caution to follow the lead lines, which may require more than two turns.

CAUTION 2
Taxilane RE & RW can only be used by Code C aircraft or smaller (maximum wingspan 36 m).

		SURFACE	WIDTH	STRENGTH
APRON	Apron 1, 2 Cargo Apron 1 Maintenance Apron	Concrete	-	PCN 86/R/B/X/T
	Apron 3, 4 Cargo Apron 2			PCN 85/R/B/X/T
TWY A, D		Concrete	30 m Shoulder : 15 m - Paved : 12 m - Turfed : 3 m	PCN 86/R/B/X/T
TWY B, C		Asphalt		PCN 88/F/B/X/T
TWY M		Concrete	30 m Shoulder : 15 m - Paved : 15 m	PCN 85/R/B/X/T
TWY N		Asphalt		PCN 75/F/B/X/T
TWY P		Asphalt		PCN 75/F/B/X/T

Taxiway edge lights on all taxiways curve area
Taxiway center line lights on all taxiways
PAX Terminal and Concourse A VDGS equipped

LEGEND

WNG 112.9	VOR check-point and frequency
● ● ●	Stop-bar light
54R	Holding position
R4	Taxi lane
50	Gate
301	Remote stand
→	Taxi routes
→	Alternate taxi routes
1E	Transfer of control point(TCP)
	Open channel
	Hot spot
	ATC service boundary (Maneuvering Area)
	RPBB (Remote Passenger Boarding Bridge)

METERS 500 400 300 200 100 0 250 500 750 1000
FEET 1500 1000 500 0 500 1000 1500 2000 2500 3000

Change : Establishment of name of taxilane RW, RE and Information of GSE road.

INSTRUMENT APPROACH CHART - ICAO

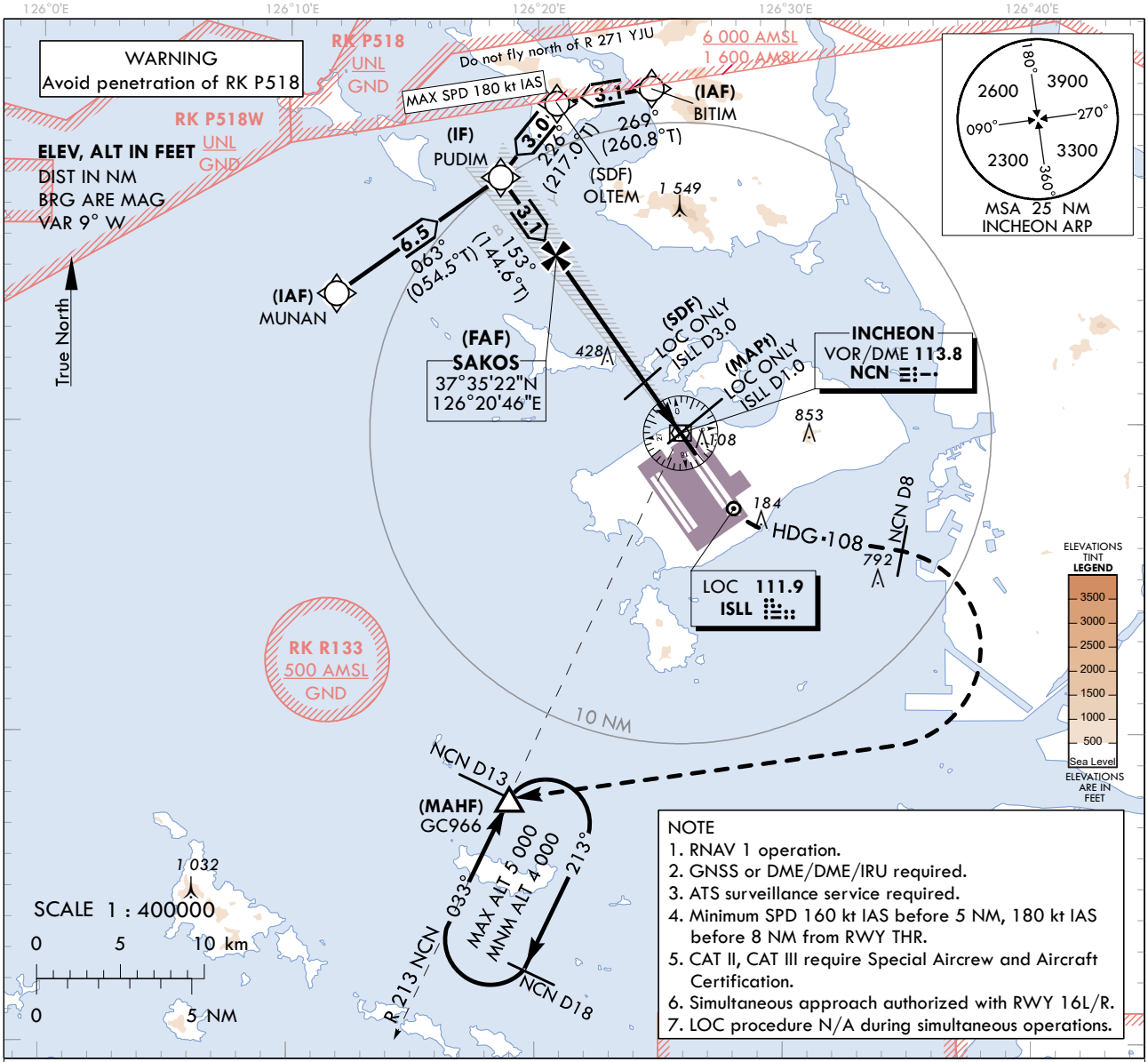
Note : Approach ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15L - ELEV 23 ft

SEOUL	APP	119.75 121.35
INCHEON	TWR	118.2 118.8

SEOUL/Incheon Intl(RKSI)

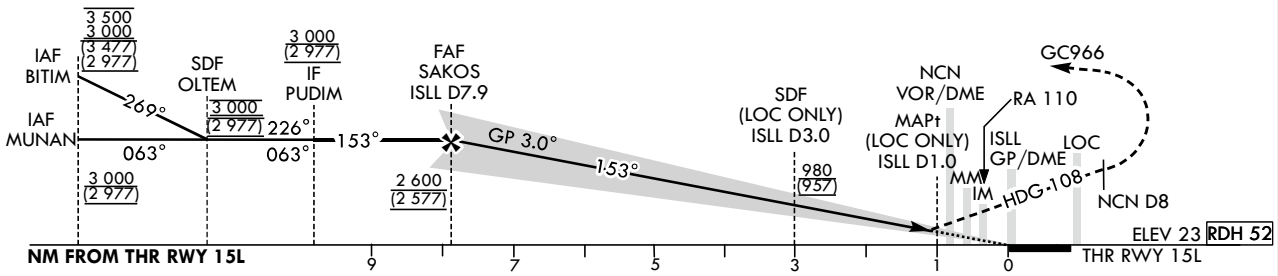
ILS Z or LOC Z RWY 15L
CAT II & III



NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 16L/R.
7. LOC procedure N/A during simultaneous operations.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)	DME ISLL	7	6	5	4	3	2
Final Approach Gradient 5.37%, 326 ft/NM	ALT(HGT)	2 307 (2 284)	1 980 (1 957)	1 654 (1 631)	1 327 (1 304)	1 001 (978)	675 (652)



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	223 (200)			
	LOC	380 (357)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 4 000 ft. At 720 ft, turn left heading 108. At NCN 8 DME, turn right direct to GC966. Hold as published.
Do not turn before passing MAPt.
* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS Z or LOC Z RWY 15L
CAT II & III

AERONAUTICAL DATA TABULATION

ILS Z/LOC Z Approach to RWY 15L from MUNAN to PUDIM(IF)		
Fix / Point	Coordinates	
MUNAN(IAF)	37°34'09.3"N	126°11'53.0"E
PUDIM(IF)	37°37'54.2"N	126°18'30.0"E

ILS Z/LOC Z Approach to RWY 15L from BITIM to PUDIM(IF)		
Fix / Point	Coordinates	
BITIM(IAF)	37°40'48.0"N	126°24'36.1"E
OLTEM(SDF)	37°40'18.2"N	126°20'46.3"E
PUDIM(IF)	37°37'54.2"N	126°18'30.0"E

ILS Z/LOC Z Approach to RWY 15L from PUDIM(IF) to MAHF			
Fix / Point		Coordinates	
SAKOS(FAF)	BRG 153.15°/7.92 NM ISLL	37°35'22.4"N	126°20'45.7"E
D3.0 ISLL(SDF) (LOC ONLY)	BRG 153.15°/3.00 NM ISLL	37°31'21.2"N	126°24'20.8"E
D1.0 ISLL(MAPt) (LOC ONLY)	BRG 153.15°/1.00 NM ISLL	37°29'43.1"N	126°25'48.2"E
NCN VOR/DME		37°29'41.7"N	126°25'49.2"E
THR RWY 15L		37°29'02.20"N	126°26'24.56"E
ISLL DME		37°28'56.4"N	126°26'35.6"E
Climb to 720 ft	HDG 153	-	
D8 NCN	HDG 108	-	
GC966	BRG 213.08°/13.00 NM NCN	37°17'53.0"N	126°18'58.0"E

INSTRUMENT APPROACH CHART - ICAO

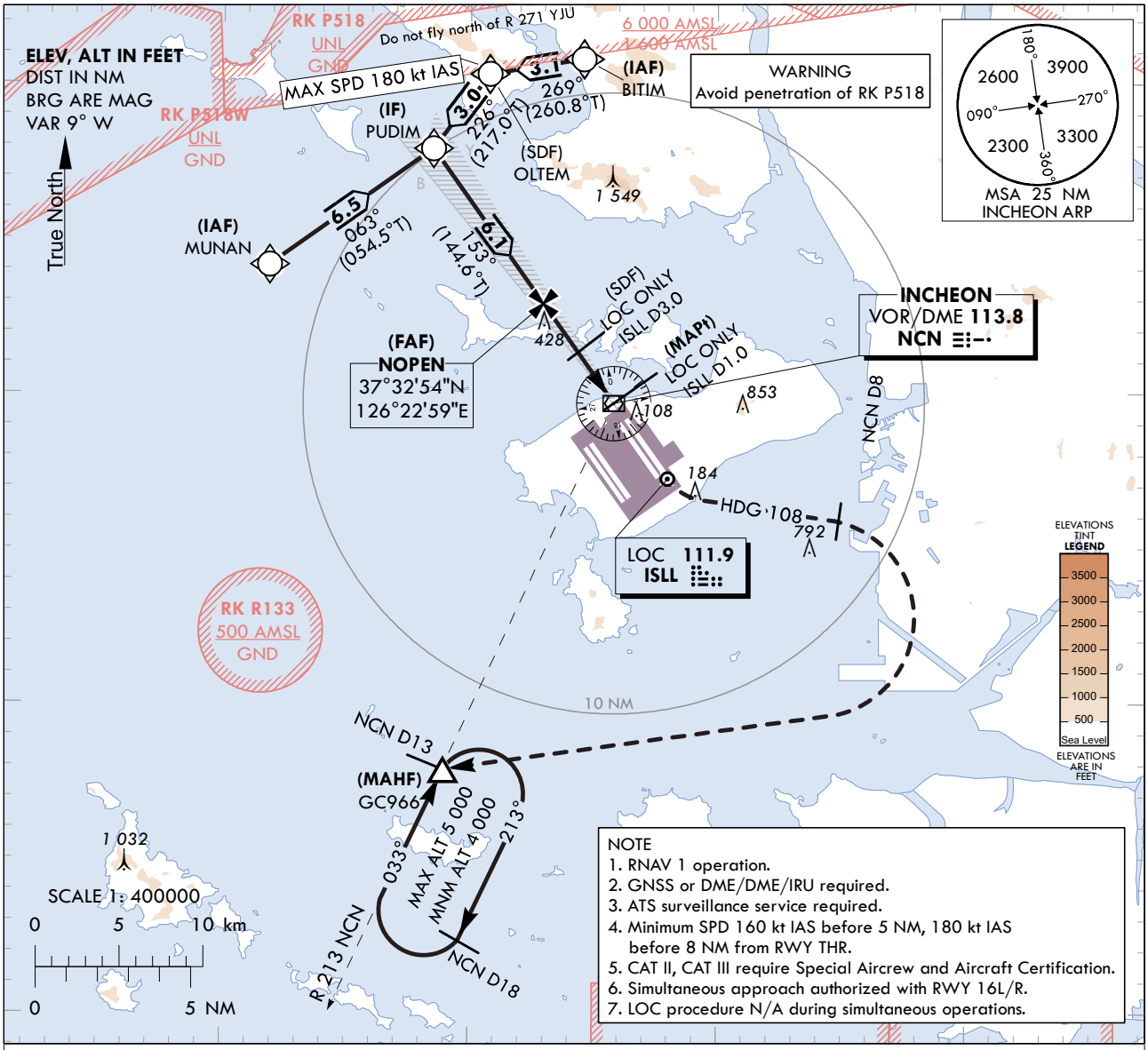
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15L - ELEV **23** ft

SEOUL	APP	119.75 121.35
INCHEON	TWR	118.2 118.8

SEOUL/Incheon Intl(RKSI)

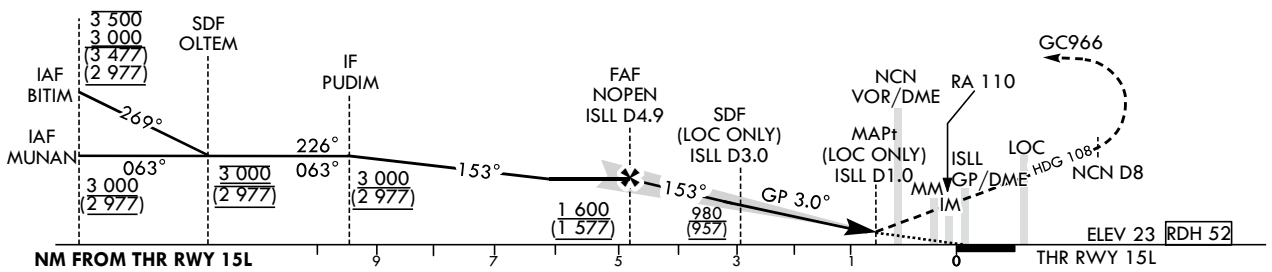
ILS Y or LOC Y RWY 15L
CAT II & III



NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 16L/R.
7. LOC procedure N/A during simultaneous operations.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)	DME ISLL	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 311 (1 288)	989 (966)	667 (644)



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	223 (200)			
	LOC	380 (357)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 4 000 ft. At 720 ft, turn left heading 108. At NCN 8 DME, turn right direct to GC966. Hold as published.
Do not turn before passing MAPt.
* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS Y or LOC Y RWY 15L
CAT II & III

AERONAUTICAL DATA TABULATION

ILS Y/LOC Y Approach to RWY 15L from MUNAN to PUDIM(IF)	
Fix / Point	Coordinates
MUNAN(IAF)	37°34'09.3"N 126°11'53.0"E
PUDIM(IF)	37°37'54.2"N 126°18'30.0"E

ILS Y/LOC Y Approach to RWY 15L from BITIM to PUDIM(IF)	
Fix / Point	Coordinates
BITIM(IAF)	37°40'48.0"N 126°24'36.1"E
OLTEM(SDF)	37°40'18.2"N 126°20'46.3"E
PUDIM(IF)	37°37'54.2"N 126°18'30.0"E

ILS Y/LOC Y Approach to RWY 15L from PUDIM(IF) to MAHF		
Fix / Point		Coordinates
NOPEN(FAF)	BRG 153.15°/4.89 NM ISLL	37°32'53.5"N 126°22'58.5"E
D3.0 ISLL (SDF LOC ONLY)	BRG 153.15°/3.00 NM ISLL	37°31'21.2"N 126°24'20.8"E
D1.0 ISLL (MAPt LOC ONLY)	BRG 153.15°/1.00 NM ISLL	37°29'43.1"N 126°25'48.2"E
NCN VOR/DME		37°29'41.7"N 126°25'49.2"E
THR RWY 15L		37°29'02.20"N 126°26'24.56"E
ISLL DME		37°28'56.4"N 126°26'35.6"E
Climb to 720 ft	HDG 153	-
D8 NCN	HDG 108	-
GC966	BRG 213.08°/13.00 NM NCN	37°17'53.0"N 126°18'58.0"E

INSTRUMENT APPROACH CHART - ICAO

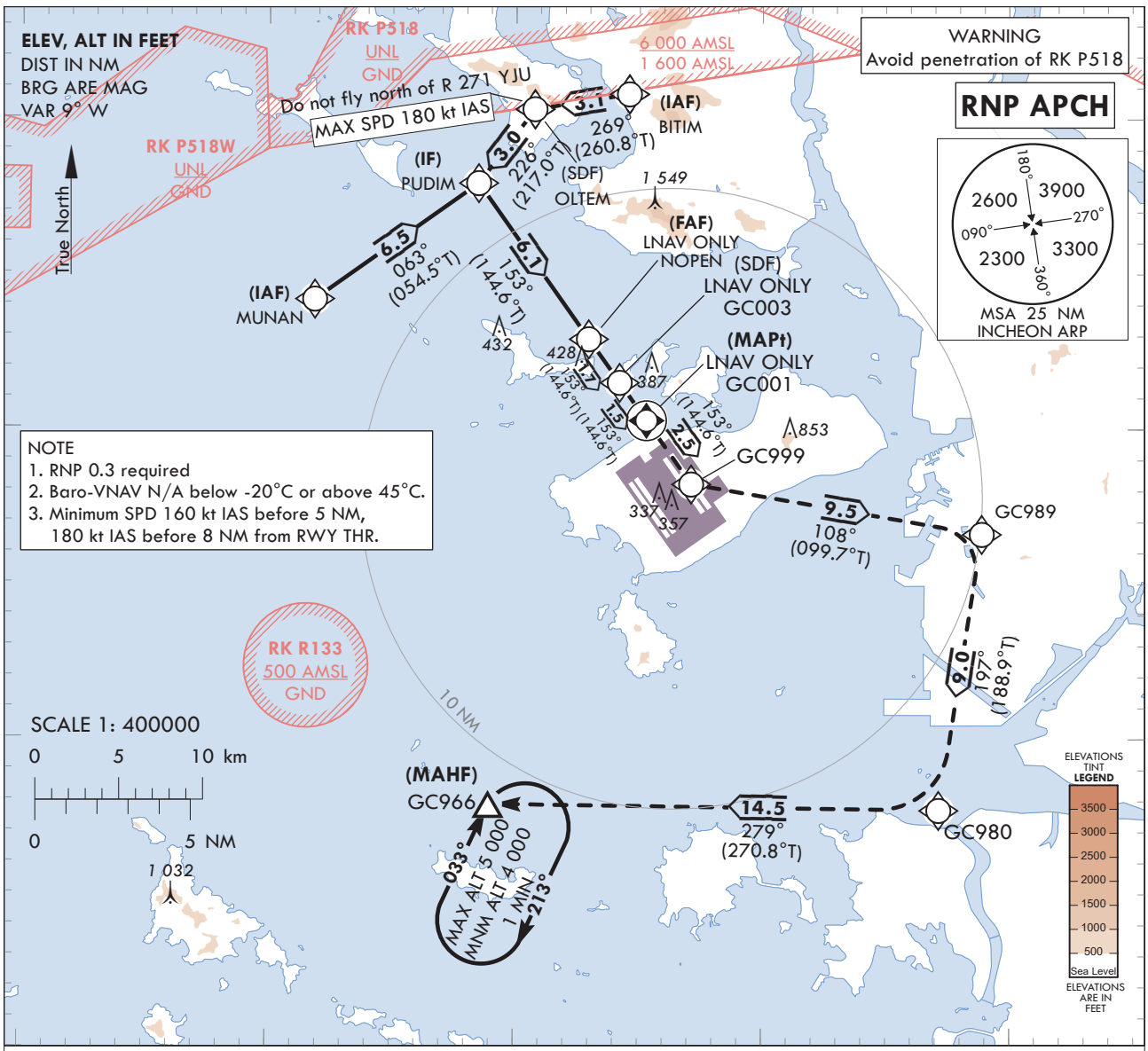
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15L - ELEV **23** ft

SEOUL	APP	119.75 121.35
INCHEON	TWR	118.2 118.8

SEOUL/Incheon Intl(RKSI)

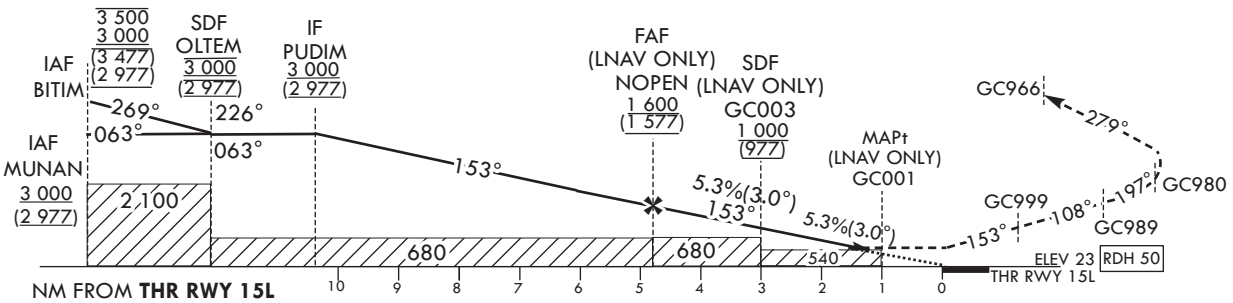
RNP RWY 15L



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 4 000 ft. Track to GC999, GC989, GC980 and GC966. Hold as published.

NOTE
1. Missed approach turn limited to 210 kt IAS maximum at GC999 and GC989.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	460 (437)			
	LNAV	540 (517)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	324	485	647	809	971

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 15L - via MUNAN(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	MUNAN	-	-	-	-	+3 000	-	37°34'09.3"N 126°11'53.0"E	-	RNP APCH	IAF
002	TF	PUDIM	-	063 (054.5)	6.5	-	+3 000	-	37°37'54.2"N 126°18'30.0"E	-	RNP APCH	IF
003	TF	NOPEN	-	153 (144.6)	6.1	-	+1 600	-	37°32'53.5"N 126°22'58.5"E	-	RNP APCH	FAF
004	TF	GC003	-	153 (144.6)	1.7	-	+1 000	-	37°31'29.2"N 126°24'13.7"E	-	RNP APCH	SDF
005	TF	GC001	Y	153 (144.6)	1.5	-	+540	-	37°30'15.70"N 126°25'19.14"E	-3.05/50	RNP APCH	MAPt
006	TF	GC999	-	153 (144.6)	2.5	-	-	-210	37°28'13.2"N 126°27'08.2"E	-	RNP APCH	-
007	TF	GC989	-	108 (099.7)	9.5	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
008	TF	GC980	-	197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
009	TF	GC966	-	279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	
010	HM	GC966	Y	033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 15L - via BITIM(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNP APCH	IAF
002	TF	OLTEM	-	269 (260.8)	3.1	-	@3 000	-180	37°40'18.2"N 126°20'46.3"E	-	RNP APCH	SDF
003	TF	PUDIM	-	226 (217.0)	3.0	-	+3 000	-	37°37'54.2"N 126°18'30.0"E	-	RNP APCH	IF
004	TF	NOPEN	-	153 (144.6)	6.1	-	+1 600	-	37°32'53.5"N 126°22'58.5"E	-	RNP APCH	FAF
005	TF	GC003	-	153 (144.6)	1.7	-	+1 000	-	37°31'29.2"N 126°24'13.7"E	-	RNP APCH	SDF
006	TF	GC001	Y	153 (144.6)	1.5	-	+540	-	37°30'15.70"N 126°25'19.14"E	-3.05/50	RNP APCH	MAPt
007	TF	GC999	-	153 (144.6)	2.5	-	-	-210	37°28'13.2"N 126°27'08.2"E	-	RNP APCH	-
008	TF	GC989	-	108 (099.7)	9.5	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
009	TF	GC980	-	197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
010	TF	GC966	-	279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	
011	HM	GC966	Y	033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART - ICAO

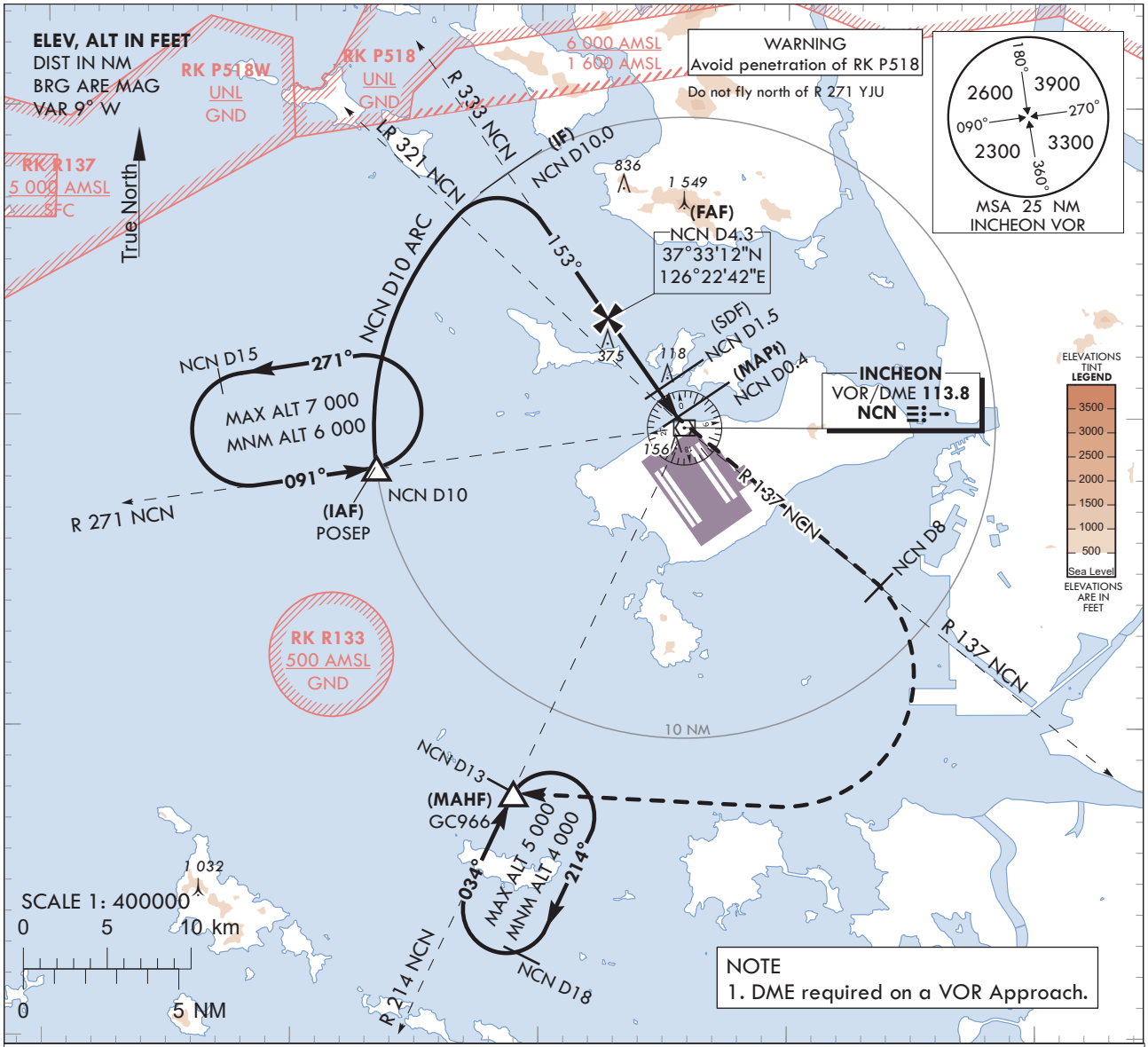
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15L - ELEV **23** ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

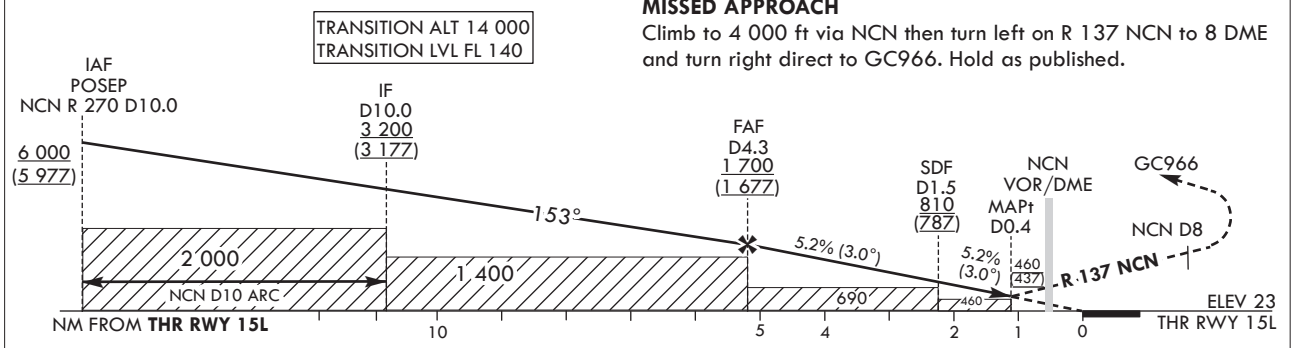
VOR RWY 15L



NOTE
1. DME required on a VOR Approach.

RECOMMENDED DESCENT PROFILE	DME NCN	3	2	1
Final Approach Gradient 5.2%(317.9 ft/NM) to SDF, 5.2%(318.3 ft/NM) to THR	ALT(HGT)	1 287(1 264)	969(946)	650(627)

MISSED APPROACH
Climb to 4 000 ft via NCN then turn left on R 137 NCN to 8 DME and turn right direct to GC966. Hold as published.



OCA (H)	A	B	C	D
Straight-in Approach	460 (437)			

Knots	60	90	120	150	180
Rate of descent V/V fpm	318	477	636	795	954

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

SEOUL/Incheon Intl(RKSI)
VOR RWY 15L

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 15L from POSEP			
Fix / Point		Coordinates	
POSEP(IAF)		37°28'21.8"N	126°13'22.0"E
D10 NCN(IF)	BRG 153.45°/10.00 NM NCN	37°37'52.4"N	126°18'33.7"E
D4.3 NCN(FAF)	BRG 153.45°/4.30 NM NCN	37°33'12.4"N	126°22'42.4"E
D1.5 NCN(SDF)	BRG 153.45°/1.50 NM NCN	37°30'55.0"N	126°24'44.2"E
D0.4 NCN(MAPt)	BRG 153.45°/0.40 NM NCN	37°30'01.0"N	126°25'32.1"E
NCN VOR/DME		37°29'41.7"N	126°25'49.2"E
THR RWY 15L	Final approach descent angle 2.99°(FAF - SDF)/3.00°(SDF - THR)	37°29'02.20"N	126°26'24.56"E
D8 NCN	R 137 NCN/8.00 NM NCN	37°24'40.1"N	126°33'39.1"E
GC966	BRG 213.53°/13.00 NM NCN	37°17'53.0"N	126°18'58.0"E

INSTRUMENT APPROACH CHART - ICAO

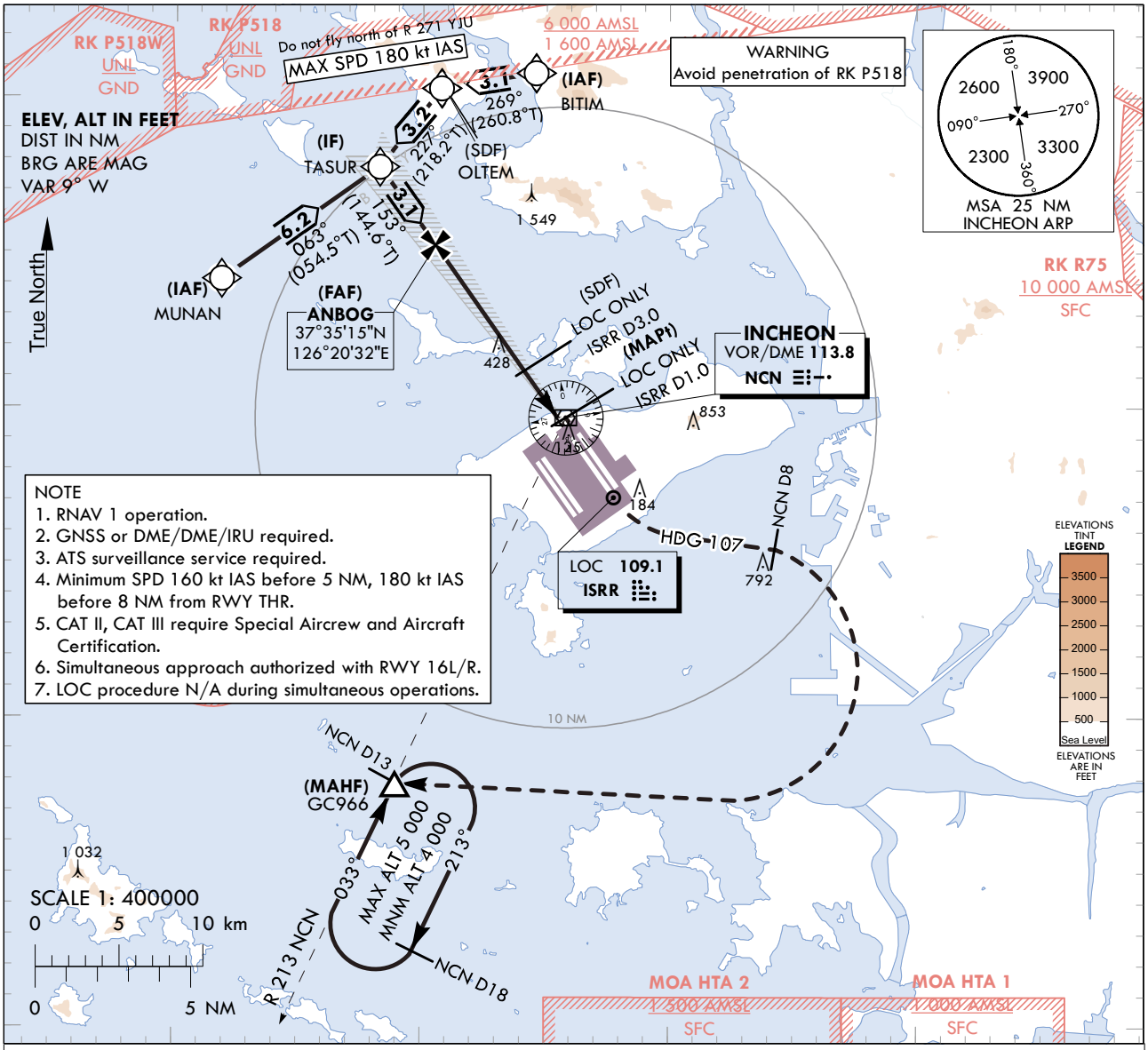
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15R - ELEV **23 ft**

SEOUL	APP	119.75 121.35
INCHEON	TWR	118.2 118.8

SEOUL/Incheon Intl(RKSI)

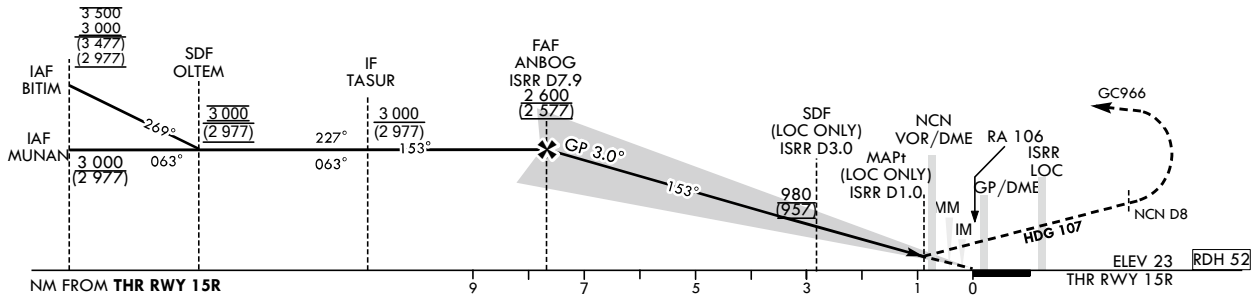
ILS Z or LOC Z RWY 15R
CAT II & III



NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 16L/R.
7. LOC procedure N/A during simultaneous operations.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)	DME ISRR	7	6	5	4	3	2
Final Approach Gradient 5.37%, 326 ft/NM	ALT(HGT)	2 307 (2 284)	1 980 (1 957)	1 654 (1 631)	1 327 (1 304)	1 001 (978)	675 (652)



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	223 (200)			
	LOC	380 (357)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading climb to 4 000 ft. At 720 ft, turn left heading 107. At NCN 8 DME, turn right direct to GC966. Hold as pulished.
Do not turn before passing MAPt.

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS Z or LOC Z RWY 15R
CAT II & III

AERONAUTICAL DATA TABULATION

ILS Z/LOC Z Approach to RWY 15R from MUNAN to TASUR(IF)	
Fix / Point	Coordinates
MUNAN(IAF)	37°34'09.3"N 126°11'53.0"E
TASUR(IF)	37°37'46.4"N 126°18'16.2"E

ILS Z/LOC Z Approach to RWY 15R from BITIM to TASUR(IF)	
Fix / Point	Coordinates
BITIM(IAF)	37°40'48.0"N 126°24'36.1"E
OLTEM(SDF)	37°40'18.2"N 126°20'46.3"E
TASUR(IF)	37°37'46.4"N 126°18'16.2"E

ILS Z/LOC Z Approach to RWY 15R from TASUR(IF) to MAHF		
Fix / Point		Coordinates
ANBOG(FAF)	BRG 153.15°/7.92 NM ISRR	37°35'14.6"N 126°20'31.9"E
D3.0 ISRR (SDF LOC ONLY)	BRG 153.15°/3.00 NM ISRR	37°31'13.4"N 126°24'07.1"E
D1.0 ISRR (MAPt LOC ONLY)	BRG 153.15°/1.00 NM ISRR	37°29'35.4"N 126°25'34.4"E
NCN VOR/DME		37°29'41.7"N 126°25'49.2"E
THR RWY 15R		37°28'54.44"N 126°26'10.82"E
ISRR DME		37°28'48.7"N 126°26'21.9"E
Climb to 720 ft	HDG 153	-
D8 NCN	HDG 107	-
GC966	BRG 213.08°/13.00 NM NCN	37°17'53.0"N 126°18'58.0"E

INSTRUMENT APPROACH CHART - ICAO

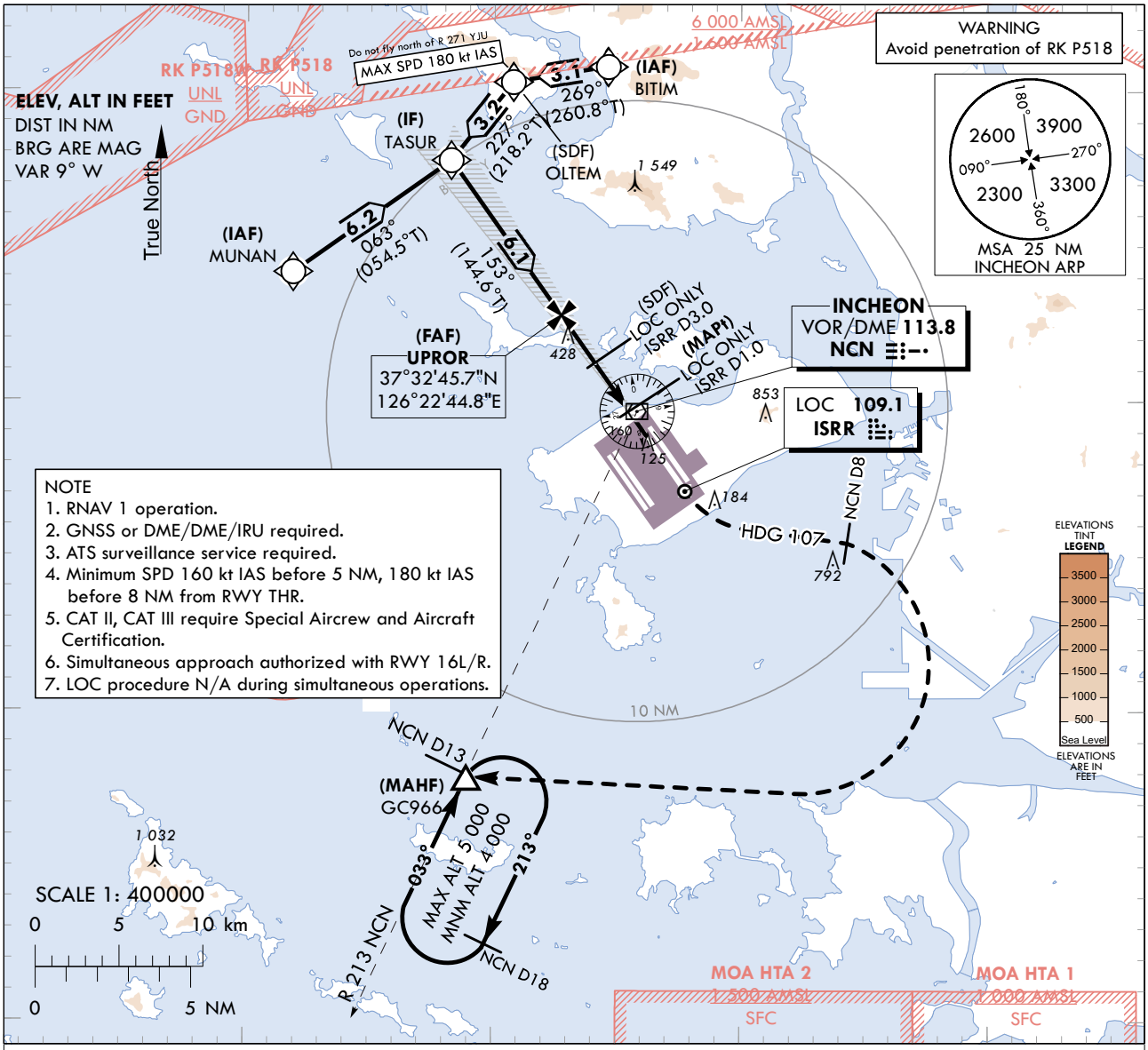
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15R - ELEV **23 ft**

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

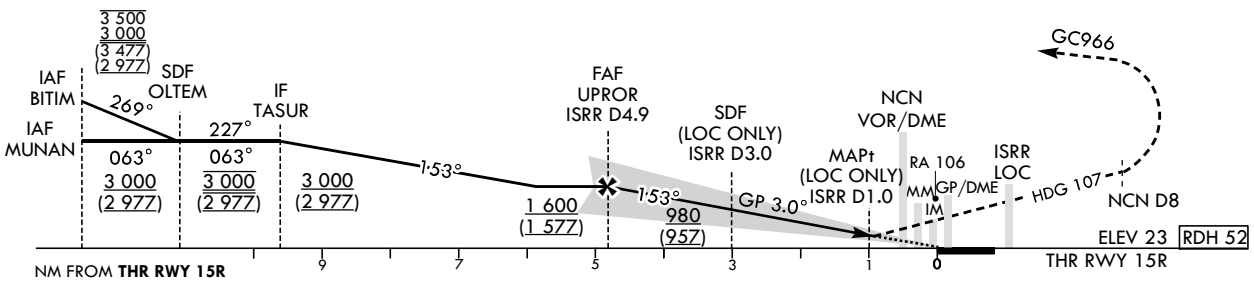
ILS Y or LOC Y RWY 15R
CAT II & III



NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 16L/R.
7. LOC procedure N/A during simultaneous operations.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)	DME ISRR	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 311 (1 288)	989 (966)	667 (644)



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	223 (200)			
	LOC	380 (357)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 4 000 ft. At 720 ft, turn left heading 107. At NCN 8 DME, turn right direct to GC966. Hold as pulished.
Do not turn before passing MAPt.

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS Y or LOC Y RWY 15R
CAT II & III

AERONAUTICAL DATA TABULATION

ILS Y/LOC Y Approach to RWY 15R from MUNAN to TASUR(IF)		
Fix / Point	Coordinates	
MUNAN(IAF)	37°34'09.3"N	126°11'53.0"E
TASUR(IF)	37°37'46.4"N	126°18'16.2"E

ILS Y/LOC Y Approach to RWY 15R from BITIM to TASUR(IF)		
Fix / Point	Coordinates	
BITIM(IAF)	37°40'48.0"N	126°24'36.1"E
OLTEM(SDF)	37°40'18.2"N	126°20'46.3"E
TASUR(IF)	37°37'46.4"N	126°18'16.2"E

ILS Y/LOC Y Approach to RWY 15R from TASUR(IF) to MAHF			
Fix / Point		Coordinates	
UPROR(FAF)	BRG 153.15°/4.89 NM ISRR	37°32'45.7"N	126°22'44.8"E
D3.0 ISRR (SDF LOC ONLY)	BRG 153.15°/3.00 NM ISRR	37°31'13.4"N	126°24'07.1"E
D1.0 ISRR (MAPt LOC ONLY)	BRG 153.15°/1.00 NM ISRR	37°29'35.4"N	126°25'34.4"E
NCN VOR/DME		37°29'41.7"N	126°25'49.2"E
THR RWY 15R		37°28'54.44"N	126°26'10.82"E
ISRR DME		37°28'48.7"N	126°26'21.9"E
Climb to 720 ft	HDG 153	-	
D8 NCN	HDG 107	-	
GC966	BRG 213.08°/13.00 NM NCN	37°17'53.0"N	126°18'58.0"E

INSTRUMENT APPROACH CHART - ICAO

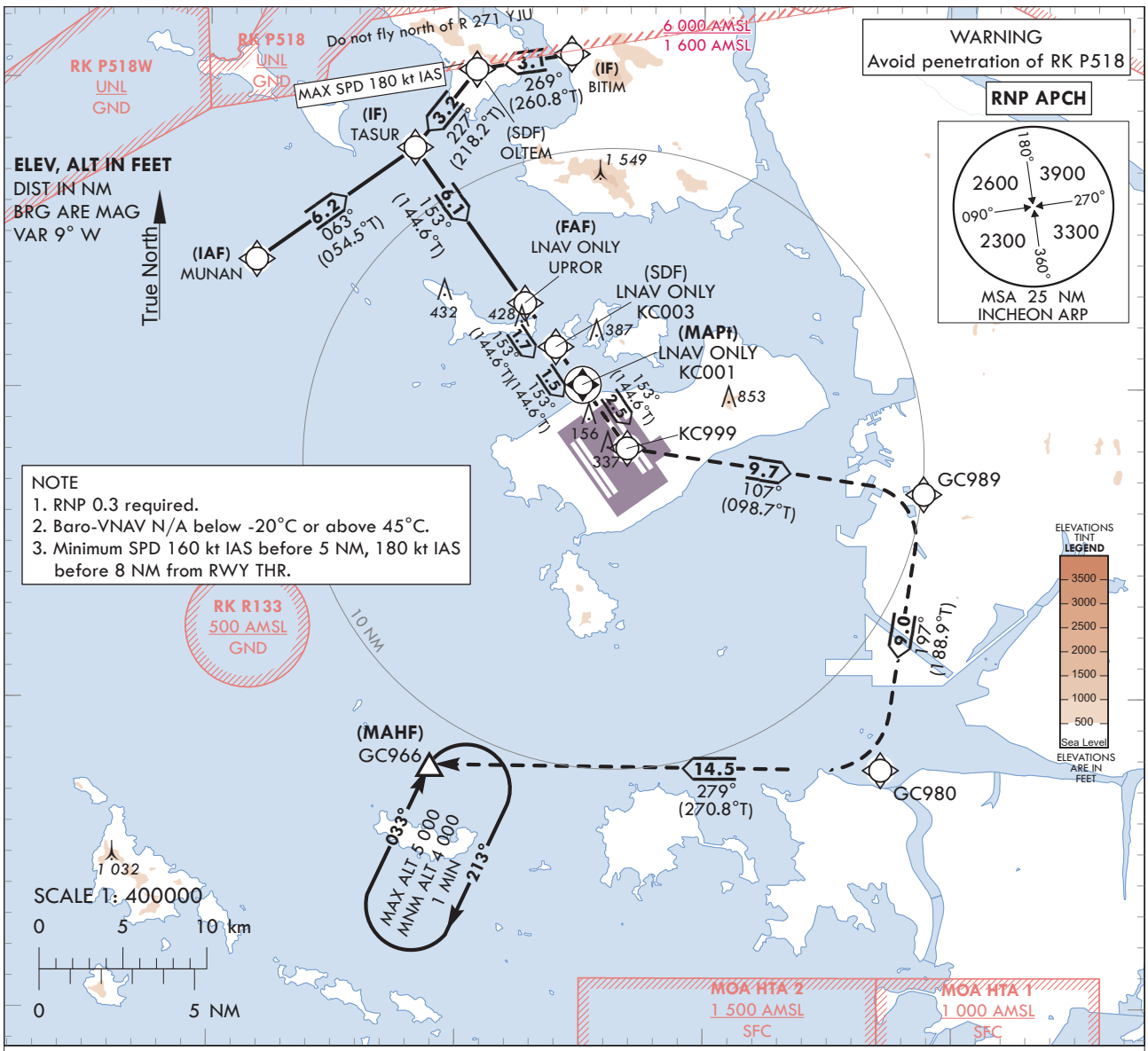
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15R - ELEV **23** ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 15R



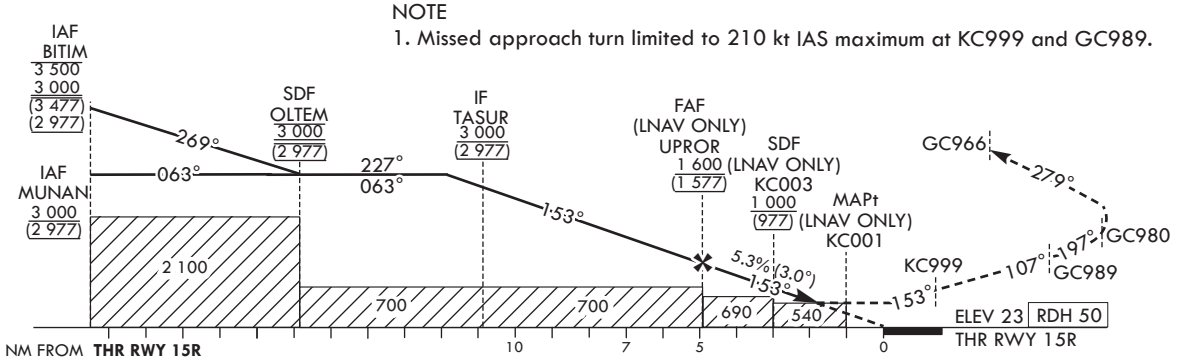
TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 4 000 ft. Track to KC999, GC989, GC980 and GC966. Hold as published.

NOTE

1. Missed approach turn limited to 210 kt IAS maximum at KC999 and GC989.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	460 (437)			
	LNAV	540 (517)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	324	485	647	809	971

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 15R - via MUNAN(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	MUNAN	-	-	-	-	+3 000	-	37°34'09.3"N 126°11'53.0"E	-	RNP APCH	IAF
002	TF	TASUR	-	063 (054.5)	6.2	-	+3 000	-	37°37'46.4"N 126°18'16.2"E	-	RNP APCH	IF
003	TF	UPROR	-	153 (144.6)	6.1	-	+1 600	-	37°32'45.7"N 126°22'44.8"E	-	RNP APCH	FAF
004	TF	KC003	-	153 (144.6)	1.7	-	+1 000	-	37°31'21.4"N 126°23'59.9"E	-	RNP APCH	SDF
005	TF	KC001	Y	153 (144.6)	1.5	-	+540	-	37°30'07.93"N 126°25'05.40"E	-3.05/50	RNP APCH	MAPt
006	TF	KC999	-	153 (144.6)	2.5	-	-	-210	37°28'05.4"N 126°26'54.4"E	-	RNP APCH	-
007	TF	GC989	-	107 (098.7)	9.7	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
008	TF	GC980	-	197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
009	TF	GC966	-	279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	
010	HM	GC966	Y	033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 15R - via BITIM(IAF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNP APCH	IAF
002	TF	OLTEM	-	269 (260.8)	3.1	-	@3 000	-180	37°40'18.2"N 126°20'46.3"E	-	RNP APCH	SDF
003	TF	TASUR	-	227 (218.2)	3.2	-	+3 000	-	37°37'46.4"N 126°18'16.2"E	-	RNP APCH	IF
004	TF	UPROR		153 (144.6)	6.1	-	+1 600	-	37°32'45.7"N 126°22'44.8"E	-	RNP APCH	FAF
005	TF	KC003	-	153 (144.6)	1.7	-	+1 000	-	37°31'21.4"N 126°23'59.9"E	-	RNP APCH	SDF
006	TF	KC001	Y	153 (144.6)	1.5	-	+540	-	37°30'07.93"N 126°25'05.40"E	-3.05/50	RNP APCH	MAPt
007	TF	KC999	-	153 (144.6)	2.5	-	-	-210	37°28'05.4"N 126°26'54.4"E	-	RNP APCH	-
008	TF	GC989	-	107 (098.7)	9.7	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
009	TF	GC980	-	197 (188.9)	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
010	TF	GC966	-	279 (270.8)	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	
011	HM	GC966	Y	033 (024.8)	-	R	-5 000 +4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART - ICAO

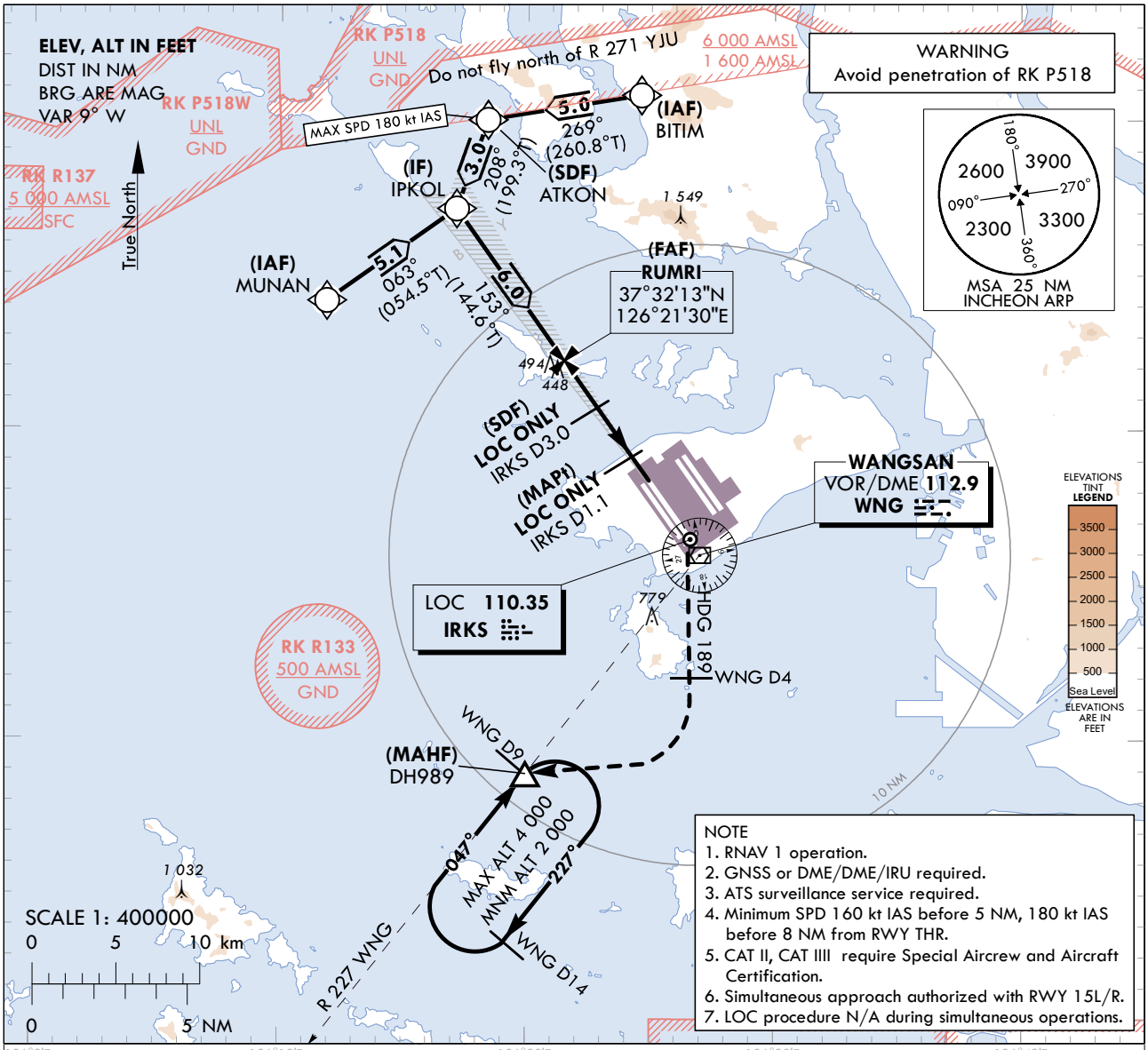
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS ELEV TO
THR RWY 16L - ELEV 23 ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

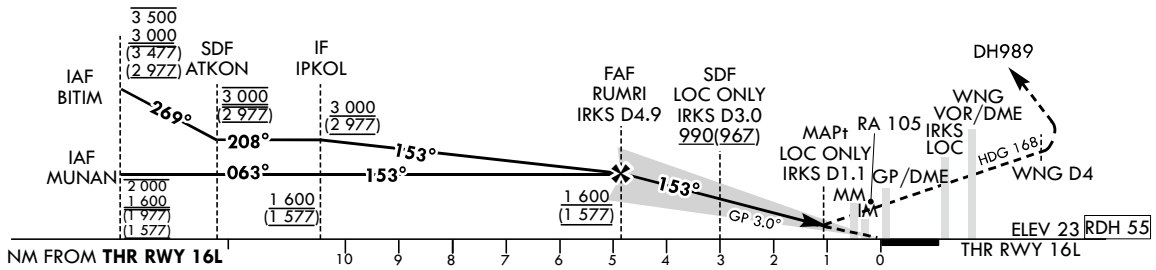
ILS or LOC RWY 16L
CAT II & III



NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT IIII require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 15L/R.
7. LOC procedure N/A during simultaneous operations.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)	DME ISRR	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 310 (1 287)	988 (965)	666 (643)



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	460 (437)			
	CAT-I (CG 4.0%)	223 (200)			
	LOC	410 (387)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 2 000 ft. At 500 ft, turn right heading 189. At WNG 4 DME, turn right direct to DH989. Hold as published.
Do not turn before passing MAPt.
NOTE
1. Missed approach turn limited to 210 kt IAS maximum.
2. Missed approach minimum climb gradient of 2.5% to 2 000 ft (OCH 437 or 387), 4.0% to 2 000 ft (OCH 200 or 100).

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS or LOC RWY 16L
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 16L from MUNAN to IPKOL(IF)	
Fix / Point	Coordinates
MUNAN(IAF)	37°34'09.3"N 126°11'53.0"E
IPKOL(IF)	37°37'07.4"N 126°17'07.3"E

ILS/LOC Approach to RWY 16L from BITIM to IPKOL(IF)	
Fix / Point	Coordinates
BITIM(IAF)	37°40'48.0"N 126°24'36.1"E
ATKON(SDF)	37°39'59.6"N 126°18'23.2"E
IPKOL(IF)	37°37'07.4"N 126°17'07.3"E

ILS/LOC Approach to RWY 16L from IPKOL(IF) to MAHF		
Fix / Point		Coordinates
RUMRI(FAF)	BRG 153.16°/4.89 NM IRKS	37°32'12.9"N 126°21'30.4"E
D3.0 IRKS(SDF) (LOC ONLY)	BRG 153.16°/3.00 NM IRKS	37°30'40.6"N 126°22'52.7"E
D1.1 IRKS(MAPt) (LOC ONLY)	BRG 153.16°/1.10 NM IRKS	37°29'07.4"N 126°24'15.7"E
THR RWY 16L		37°28'22.11"N 126°24'56.05"E
IRKS DME		37°28'11.4"N 126°24'59.7"E
WNG VOR/DME		37°25'58.6"N 126°27'00.0"E
Climb to 500 ft	HDG 153	-
D4 WNG	HDG 189	-
DH989	BRG 226.64°/9.00 NM WNG	37°18'55.0"N 126°19'59.0"E

INSTRUMENT APPROACH CHART - ICAO

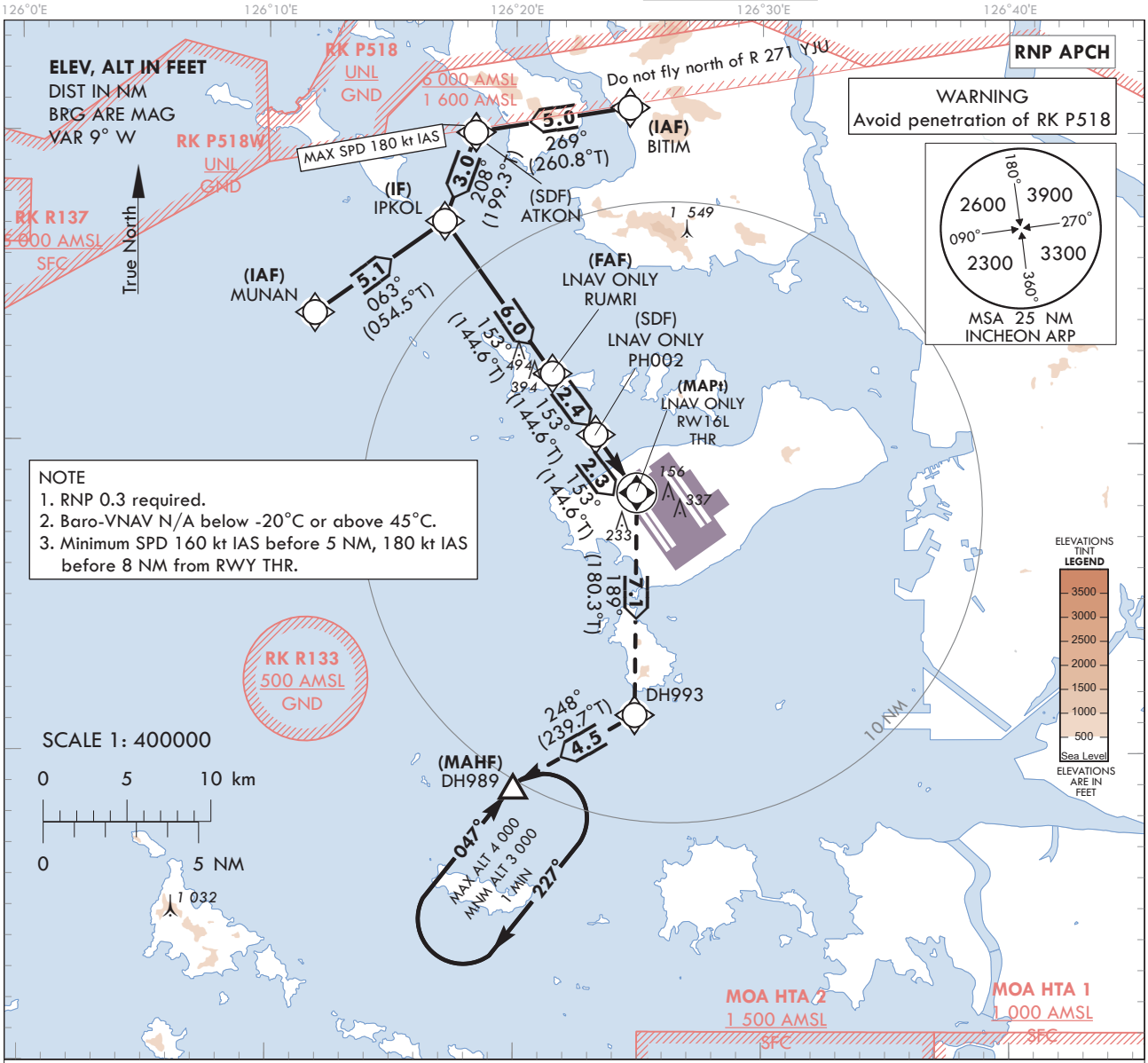
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 16L - ELEV **23 ft**

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

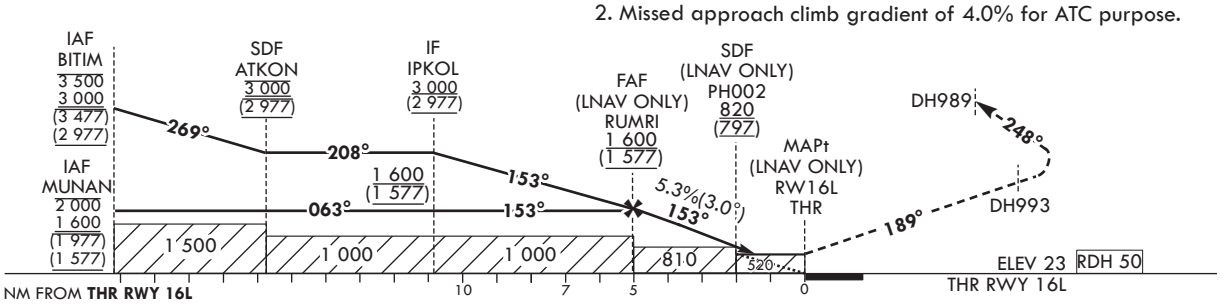
RNP RWY 16L



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 3 000 ft. Track to DH993 and DH989. Hold as published.

NOTE
1. Missed approach turn limited to 240 kt IAS maximum.
2. Missed approach climb gradient of 4.0% for ATC purpose.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	430 (407)			
	LNAV	520 (497)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	324	486	648	810	972

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 16L - via MUNAN(IAF) to DH989(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	MUNAN	-	-	-	-	-2 000 +1 600	-	37°34'09.3"N 126°11'53.0"E	-	RNP APCH	IAF
002	TF	IPKOL	-	063 (054.5)	5.1	-	+1 600	-	37°37'07.4"N 126°17'07.3"E	-	RNP APCH	IF
003	TF	RUMRI	-	153 (144.6)	6.0	-	+1 600	-	37°32'12.9"N 126°21'30.4"E	-	RNP APCH	FAF
004	TF	PH002	-	153 (144.6)	2.4	-	+820	-	37°30'14.8"N 126°23'15.7"E	-	RNP APCH	SDF
005	TF	RW16L	Y	153 (144.6)	2.3	-	+520	-	37°28'22.11"N 126°24'56.06"E	-3.05/50	RNP APCH	MAPt
006	TF	DH993	-	189 (180.3)	7.1	-	-	-240	37°21'12.6"N 126°24'53.1"E	-	RNP APCH	-
007	TF	DH989	Y	248 (239.7)	4.5	-	+3 000	-240	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	-
008	HM	DH989	Y	047 (038.4)	-	R	-4 000 +3 000	-	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 16L - via BITIM(IAF) to DH989(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNP APCH	IAF
002	TF	ATKON	-	269 (260.8)	5.0	-	@3 000	-180	37°39'59.6"N 126°18'23.2"E	-	RNP APCH	SDF
003	TF	IPKOL	-	208 (199.3)	3.0	-	+3 000	-	37°37'07.4"N 126°17'07.3"E	-	RNP APCH	IF
004	TF	RUMRI	-	153 (144.6)	6.0	-	+1 600	-	37°32'12.9"N 126°21'30.4"E	-	RNP APCH	FAF
005	TF	PH002	-	153 (144.6)	2.4	-	+820	-	37°30'14.8"N 126°23'15.7"E	-	RNP APCH	SDF
006	TF	RW16L	Y	153 (144.6)	2.3	-	+520	-	37°28'22.11"N 126°24'56.06"E	-3.05/50	RNP APCH	MAPt
007	TF	DH993	-	189 (180.3)	7.1	-	-	-240	37°21'12.6"N 126°24'53.1"E	-	RNP APCH	-
008	TF	DH989	Y	248 (239.7)	4.5	-	+3 000	-240	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	-
009	HM	DH989	Y	047 (038.4)	-	R	-4 000 +3 000	-	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART-ICAO

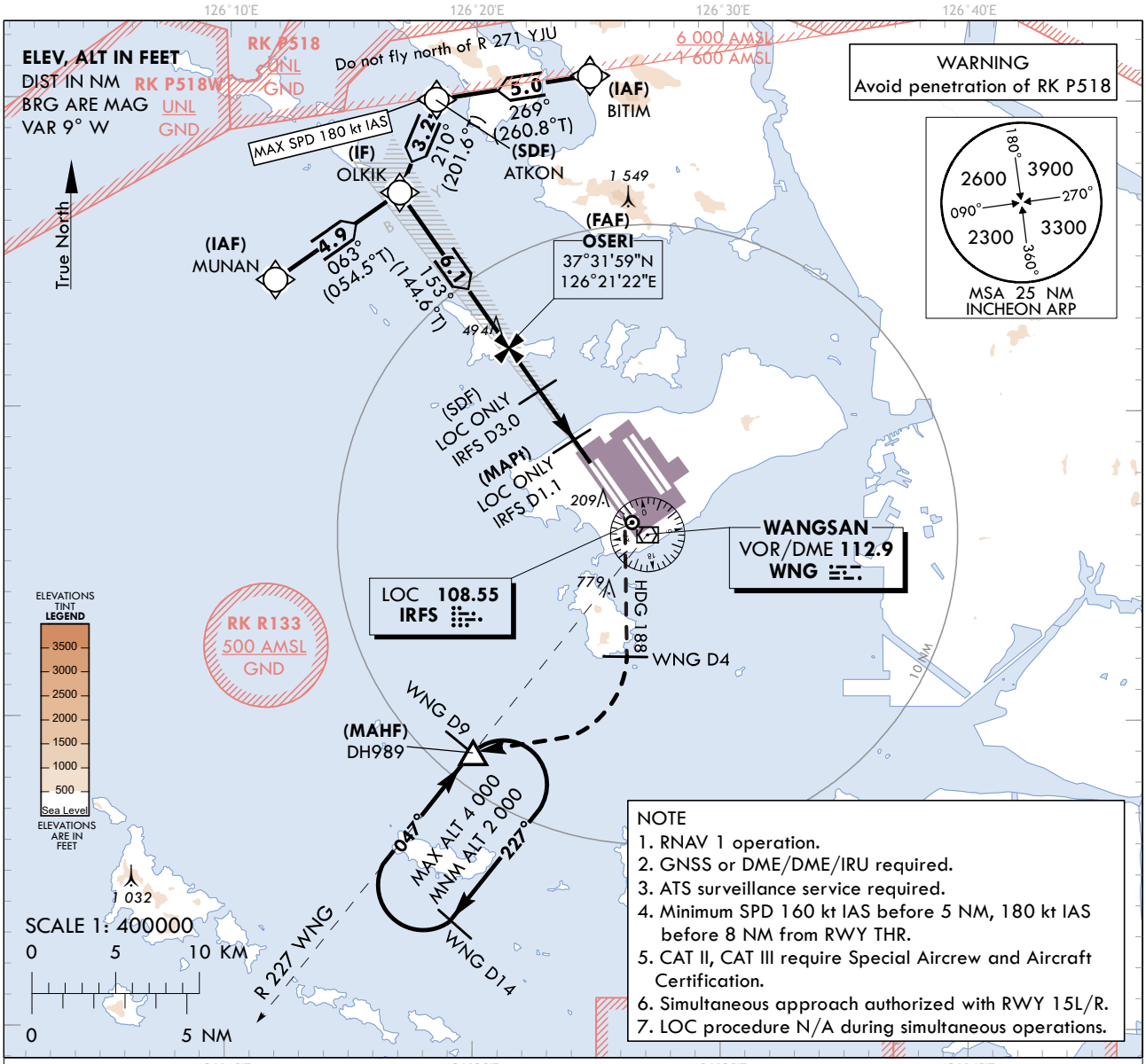
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 16R - ELEV **23 ft**

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

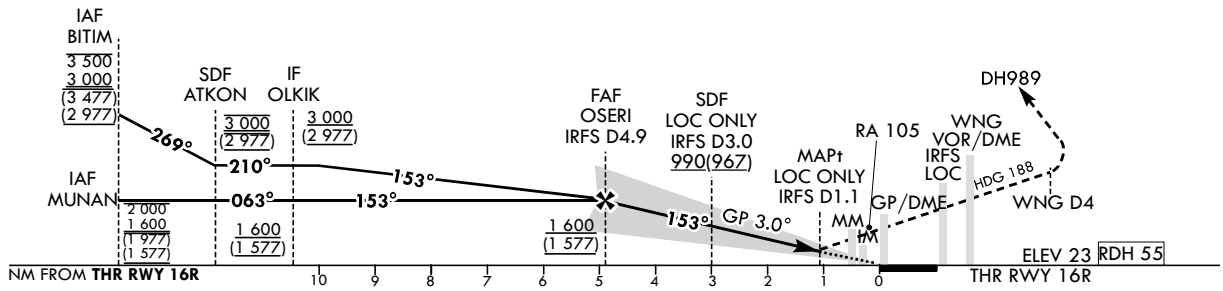
ILS or LOC RWY 16R
CAT II & III



NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 15L/R.
7. LOC procedure N/A during simultaneous operations.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)	DME IRFS	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 310 (1 287)	988 (965)	666 (643)



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	460 (437)			
	CAT-I (CG 4.0%)	223 (200)			
	LOC	410 (387)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 2 000 ft. At 500 ft, turn right heading 188. At WNG 4 DME, turn right direct to DH989. Hold as published.
Do not turn before passing MAPt.
NOTE
1. Missed approach turn limited to 210 kt IAS maximum.
2. Missed approach minimum climb gradient of 2.5% to 2 000 ft (OCH 437 or 387), 4.0% to 2 000 ft (OCH 200 or 100).

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS or LOC RWY 16R
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 16R from MUNAN to OLKIK(IF)	
Fix / Point	Coordinates
MUNAN(IAF)	37°34'09.3"N 126°11'53.0"E
OLKIK(IF)	37°36'59.6"N 126°16'53.5"E

ILS/LOC Approach to RWY 16R from BITIM to OLKIK(IF)	
Fix / Point	Coordinates
BITIM(IAF)	37°40'48.0"N 126°24'36.1"E
ATKON(SDF)	37°39'59.6"N 126°18'23.2"E
OLKIK(IF)	37°36'59.6"N 126°16'53.5"E

ILS/LOC Approach to RWY 16R from OLKIK(IF) to MAHF		
Fix / Point		Coordinates
OSERI(FAF)	BRG 153.16°/4.89 NM IRFS	37°31'59.0"N 126°21'22.1"E
D3.0 IRFS(SDF) (LOC ONLY)	BRG 153.16°/3.00 NM IRFS	37°30'26.2"N 126°22'44.8"E
D1.1 IRFS(MAPt) (LOC ONLY)	BRG 153.16°/1.10 NM IRFS	37°28'53.2"N 126°24'07.7"E
THR RWY 16R		37°28'07.71"N 126°24'48.18"E
IRFS DME		37°27'56.9"N 126°24'51.6"E
WNG VOR/DME		37°25'58.6"N 126°27'00.0"E
Climb to 500 ft	HDG 153	-
D4 WNG	HDG 188	-
DH989	BRG 226.64°/9.00 NM WNG	37°18'55.0"N 126°19'59.0"E

INSTRUMENT APPROACH CHART - ICAO

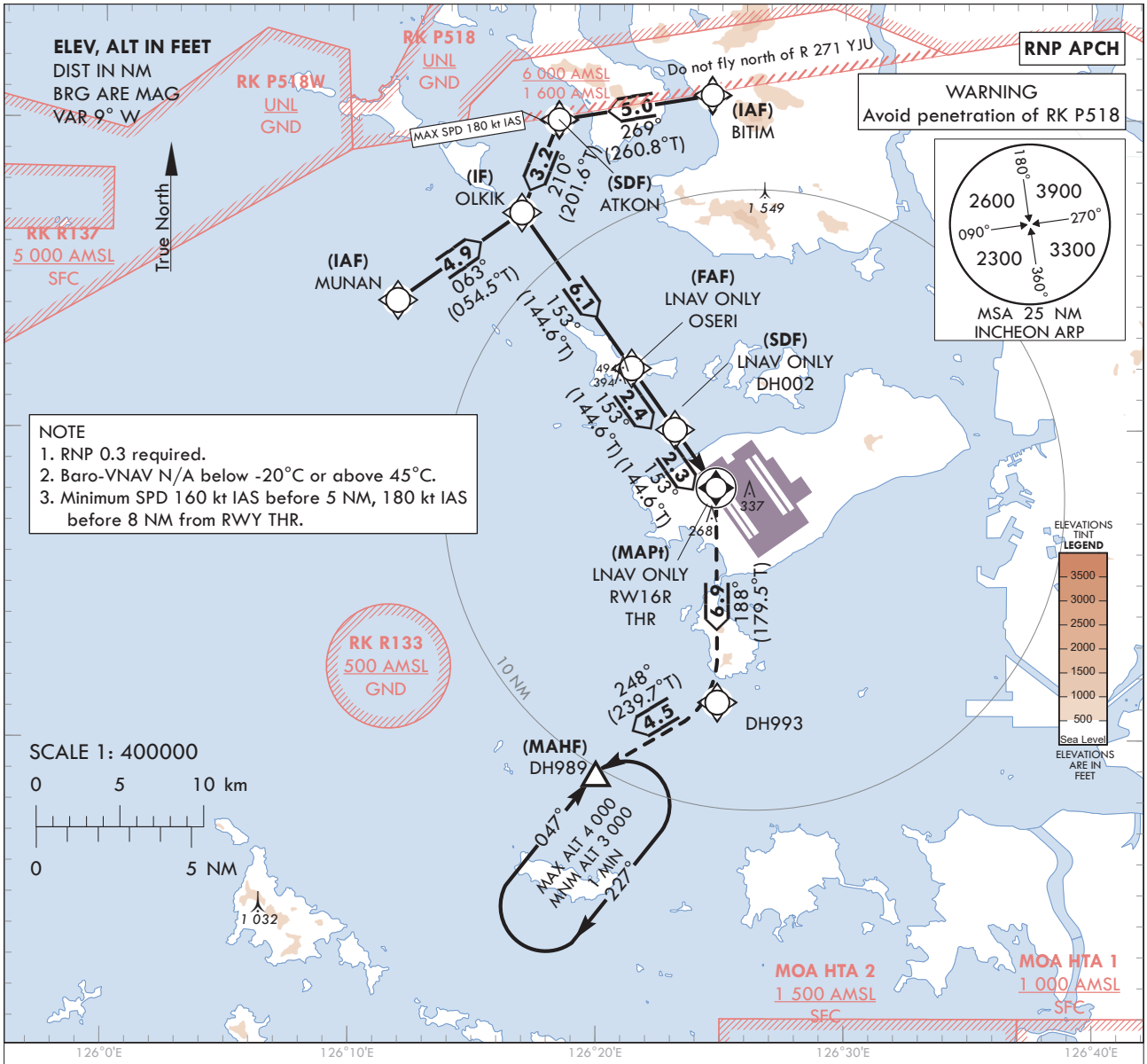
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 16R - ELEV **23 ft**

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 16R

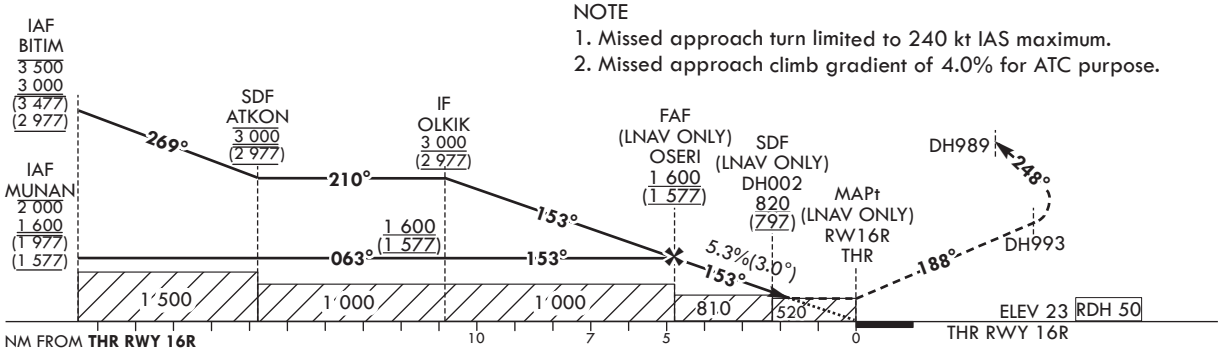


NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.
3. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 3 000 ft. Track to DH993 and DH989. Hold as published.

NOTE
1. Missed approach turn limited to 240 kt IAS maximum.
2. Missed approach climb gradient of 4.0% for ATC purpose.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	430 (407)			
	LNAV	520 (497)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	323	485	647	809	970

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 16R - via MUNAN(IAF) to DH989(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	MUNAN	-	-	-	-	-2 000 +1 600	-	37°34'09.3"N 126°11'53.0"E	-	RNP APCH	IAF
002	TF	OLKIK	-	063 (054.5)	4.9	-	+1 600	-	37°36'59.6"N 126°16'53.5"E	-	RNP APCH	IF
003	TF	OSERI	-	153 (144.6)	6.1	-	+1 600	-	37°31'59.0"N 126°21'22.1"E	-	RNP APCH	FAF
004	TF	DH002	-	153 (144.6)	2.4	-	+820	-	37°30'00.4"N 126°23'07.8"E	-	RNP APCH	SDF
005	TF	RW16R	Y	153 (144.6)	2.3	-	+520	-	37°28'07.71"N 126°24'48.18"E	-3.05/50	RNP APCH	MAPt
006	TF	DH993	-	188 (179.5)	6.9	-	-	-240	37°21'12.6"N 126°24'53.1"E	-	RNP APCH	-
007	TF	DH989	Y	248 (239.7)	4.5	-	+3 000	-240	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	-
008	HM	DH989	Y	047 (038.4)	-	R	-4 000 +3 000	-	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 16R - via BITIM(IAF) to DH989(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-	-3 500 +3 000	-	37°40'48.0"N 126°24'36.1"E	-	RNP APCH	IAF
002	TF	ATKON	-	269 (260.8)	5.0	-	@3 000	-180	37°39'59.6"N 126°18'23.2"E	-	RNP APCH	SDF
003	TF	OLKIK	-	210 (201.6)	3.2	-	+3 000	-	37°36'59.6"N 126°16'53.5"E	-	RNP APCH	IF
004	TF	OSERI	-	153 (144.6)	6.1	-	+1 600	-	37°31'59.0"N 126°21'22.1"E	-	RNP APCH	FAF
005	TF	DH002	-	153 (144.6)	2.4	-	+820	-	37°30'00.4"N 126°23'07.8"E	-	RNP APCH	SDF
006	TF	RW16R	Y	153 (144.6)	2.3	-	+520	-	37°28'07.71"N 126°24'48.18"E	-3.05/50	RNP APCH	MAPt
007	TF	DH993	-	188 (179.5)	6.9	-	-	-240	37°21'12.6"N 126°24'53.1"E	-	RNP APCH	-
008	TF	DH989	Y	248 (239.7)	4.5	-	+3 000	-240	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	-
009	HM	DH989	Y	047 (038.4)	-	R	-4 000 +3 000	-	37°18'55.0"N 126°19'59.0"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART - ICAO

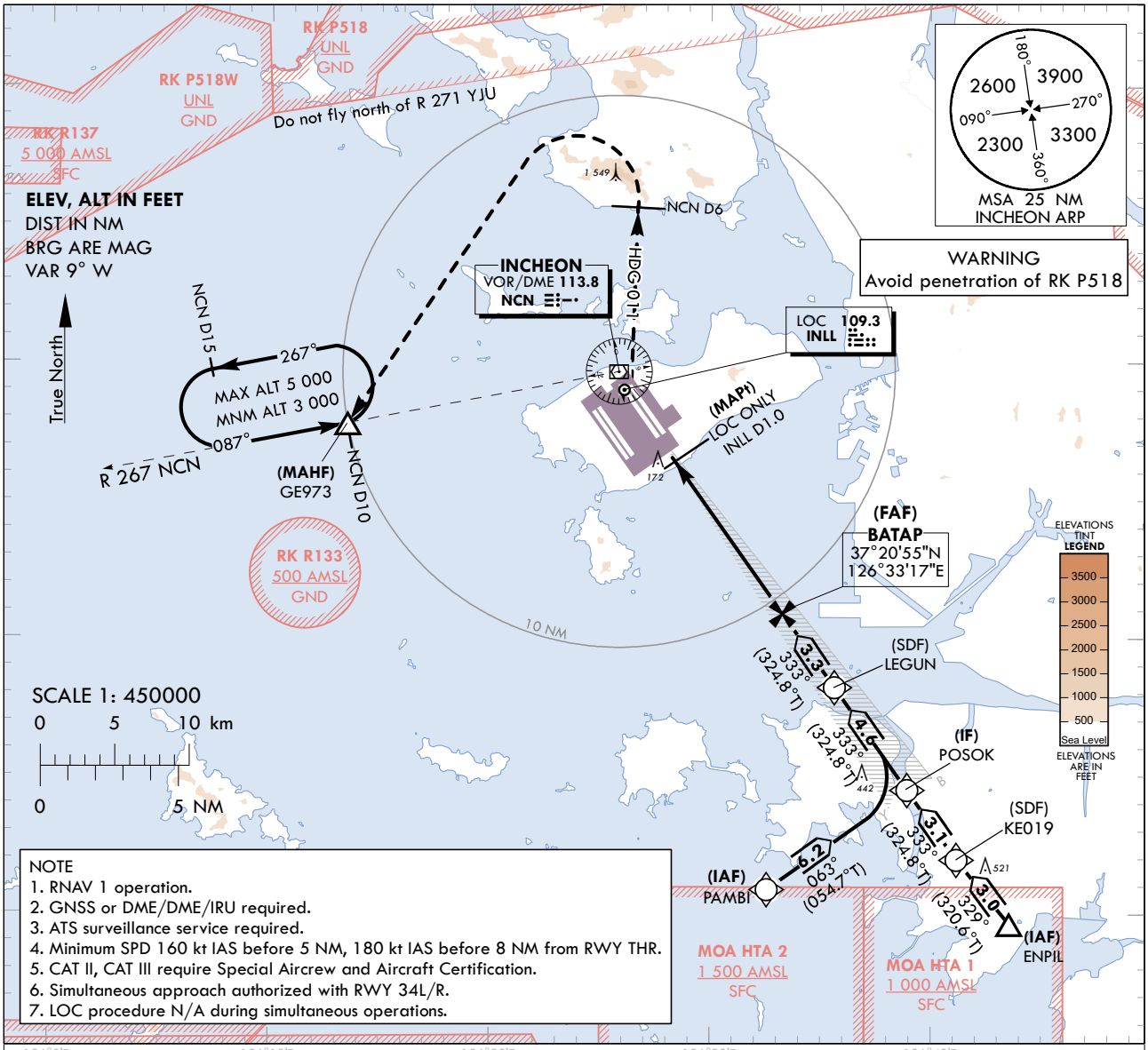
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33L - ELEV **23** ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 33L
CAT II & III

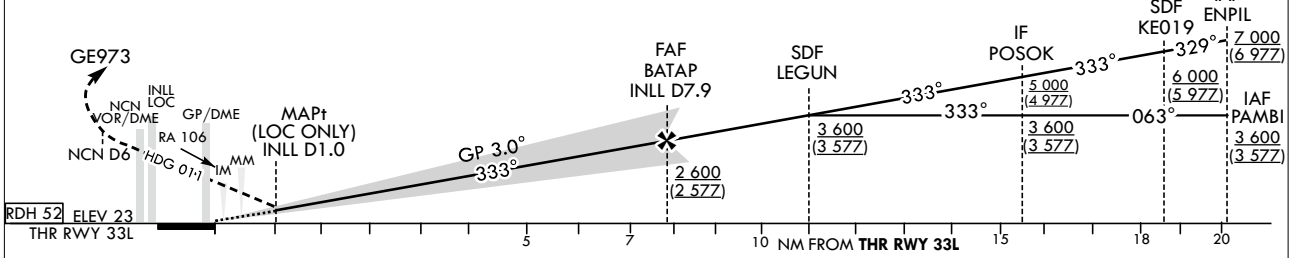


NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 34L/R.
7. LOC procedure N/A during simultaneous operations.

RECOMMENDED PROFILE(LOC ONLY)	DME INLL	7	6	5	4	3	2
Final Approach Gradient 5.37%, 326 ft/NM	ALT(HGT)	2 306 (2 283)	1 980 (1 957)	1 654 (1 631)	1 327 (1 304)	1 001 (978)	675 (652)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
1. Missed approach turn limited to 210 kt IAS maximum.
2. Missed approach minimum climb gradient of
   2.5% to 3 000 ft (OCH 438 or 417), 4.0% to 2 000 ft (OCH 200 or 100).



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	461 (438)			
	CAT-I (CG 4.0%)	223 (200)			
	LOC	440 (417)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 3 000 ft. At 500 ft, turn right heading 011. At NCN 6 DME, turn left direct to GE973.
Hold as published. Do not turn before passing MAPt.

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS or LOC RWY 33L
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 33L from PAMBI to POSOK(IF)		
Fix / Point	Coordinates	
PAMBI(IAF)	37°10'54.3"N	126°32'34.4"E
POSOK(IF)	37°14'30.3"N	126°38'56.6"E

ILS/LOC Approach to RWY 33L from ENPIL to POSOK(IF)		
Fix / Point	Coordinates	
ENPIL(IAF)	37°09'39.0" N	126°43'34.0" E
KE019(SDF)	37°11'58.6"N	126°41'10.5"E
POSOK(IF)	37°14'30.3"N	126°38'56.6"E

ILS/LOC Approach to RWY 33L from POSOK(IF) to MAHF			
Fix / Point		Coordinates	
LEGUN(SDF)		37°18'14.5"N	126°35'38.6"E
BATAP(FAF)	BRG 333.28°/7.92 NM INLL	37°20'54.7"N	126°33'16.8"E
D1.0 INLL (MAPt LOC ONLY)	BRG 333.28°/1.00 NM INLL	37°26'34.2"N	126°28'15.6"E
THR RWY 33L		37°27'15.21"N	126°27'39.08"E
INLL DME		37°27'25.4"N	126°27'35.9"E
NCN VOR/DME		37°29'41.7"N	126°25'49.2"E
Climb to 500 ft	HDG 333	-	
D6 NCN	HDG 011	-	
GE973	BRG 267.26°/10 NM NCN	37°27'47.0"N	126°13'29.0"E

INSTRUMENT APPROACH CHART - ICAO

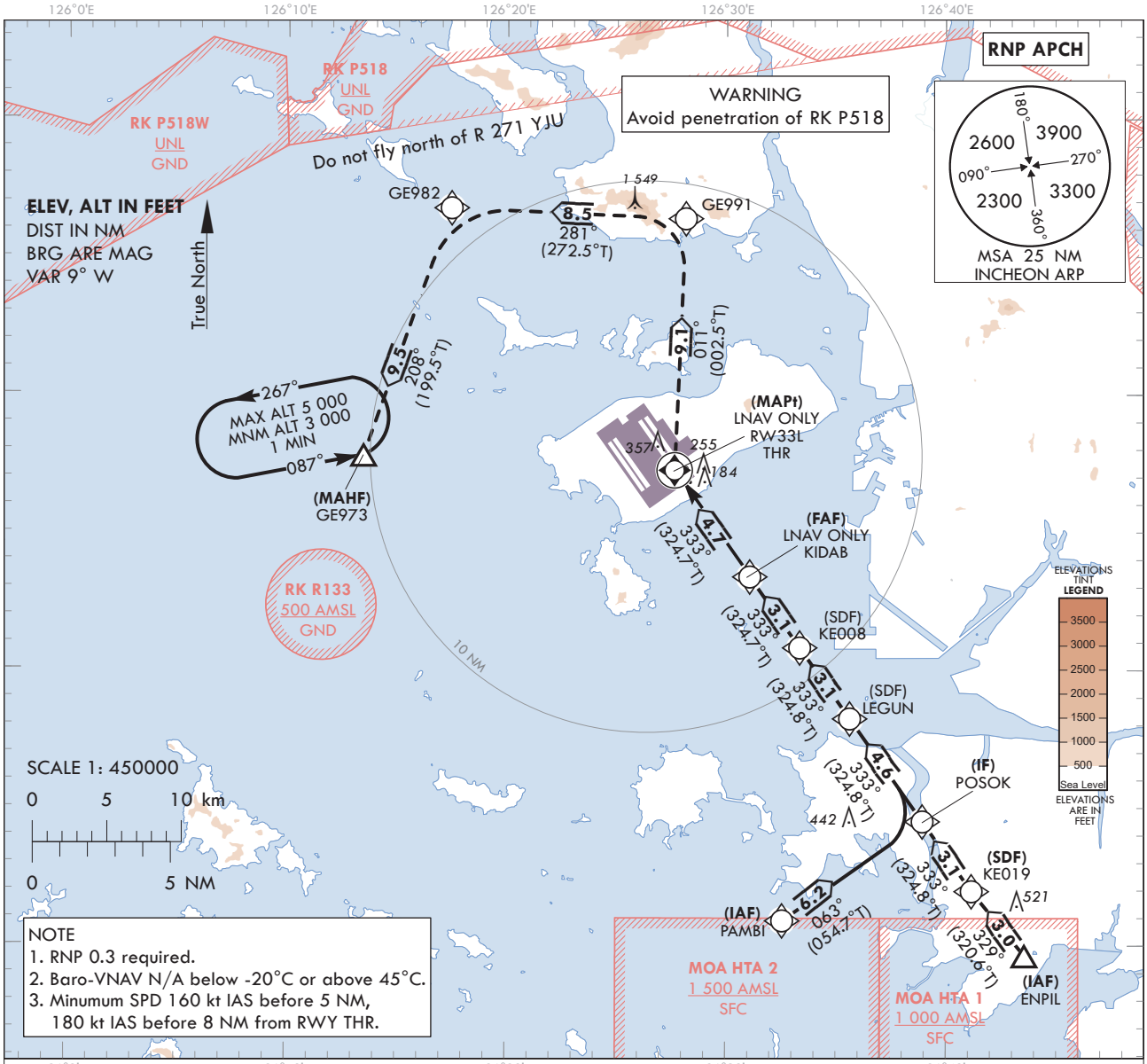
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33L - ELEV **23 ft**

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

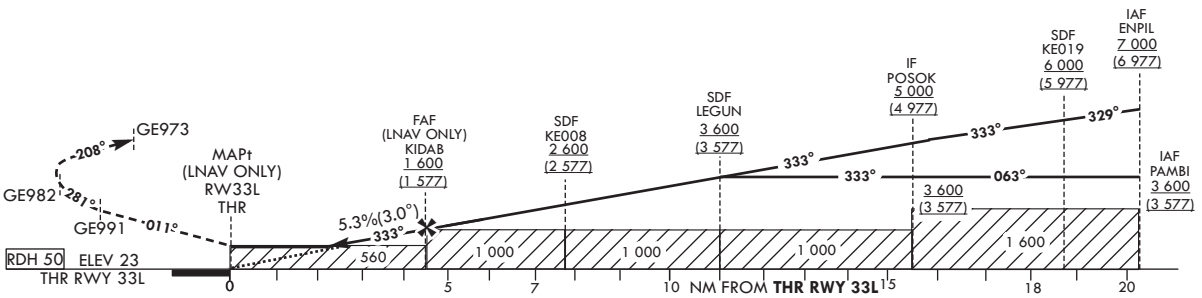
RNP RWY 33L



NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.
3. Minumum SPD 160 kt IAS before 5 NM,
   180 kt IAS before 8 NM from RWY THR.

MISSED APPROACH
Climb to 3 000 ft. Track to GE991, GE982 and GE973. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	430 (407)			
	LNAV	560 (537)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	323	484	645	807	968

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 33L - via PAMBI(IAF) to GE973(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	PAMBI	-	-	-	-	+3 600	-	37°10'54.3"N 126°32'34.4"E	-	RNP APCH	IAF
002	TF	POSOK	-	063 (054.7)	6.2	-	+3 600	-	37°14'30.3"N 126°38'56.6"E	-	RNP APCH	IF
003	TF	LEGUN	-	333 (324.8)	4.6	-	+3 600	-	37°18'14.5"N 126°35'38.6"E	-	RNP APCH	SDF
004	TF	KE008	-	333 (324.8)	3.1	-	+2 600	-	37°20'48.9"N 126°33'21.9"E	-	RNP APCH	SDF
005	TF	KIDAB	-	333 (324.7)	3.1	-	+1 600	-	37°23'23.2"N 126°31'05.1"E	-	RNP APCH	FAF
006	TF	RW33L	Y	333(324.7)	4.7	-	+560	-	37°27'15.21"N 126°27'39.08"E	-3.04/50	RNP APCH	MAPt
007	TF	GE991	-	011(002.5)	9.1	-	-	-	37°36'23.4"N 126°28'09.1"E	-	RNP APCH	-
008	TF	GE982	-	281(272.5)	8.5	-	-	-	37°36'45.2"N 126°17'27.9"E	-	RNP APCH	-
009	TF	GE973	Y	208(199.5)	9.5	-	+4 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	-
010	HM	GE973	Y	087(078.9)	-	L	-5 000 +3 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 33L - via ENPIL(IAF) to GE973(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	ENPIL	-	-	-	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNP APCH	IAF
002	TF	KE019	-	329 (320.6)	3.0	-	+6 000	-	37°11'58.6"N 126°41'10.5"E	-	RNP APCH	SDF
003	TF	POSOK	-	333 (324.8)	3.1	-	+5 000	-	37°14'30.3"N 126°38'56.6"E	-	RNP APCH	IF
004	TF	LEGUN	-	333 (324.8)	4.6	-	+3 600	-	37°18'14.5"N 126°35'38.6"E	-	RNP APCH	SDF
005	TF	KE008	-	333 (324.8)	3.1	-	+2 600	-	37°20'48.9"N 126°33'21.9"E	-	RNP APCH	SDF
006	TF	KIDAB	-	333 (324.7)	3.1	-	+1 600	-	37°23'23.2"N 126°31'05.1"E	-	RNP APCH	FAF
007	TF	RW33L	Y	333(324.7)	4.7	-	+560	-	37°27'15.21"N 126°27'39.08"E	-3.04/50	RNP APCH	MAPt
008	TF	GE991	-	011(002.5)	9.1	-	-	-	37°36'23.4"N 126°28'09.1"E	-	RNP APCH	-
009	TF	GE982	-	281(272.5)	8.5	-	-	-	37°36'45.2"N 126°17'27.9"E	-	RNP APCH	-
010	TF	GE973	Y	208(199.5)	9.5	-	+4 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	-
011	HM	GE973	Y	087(078.9)	-	L	-5 000 +3 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART - ICAO

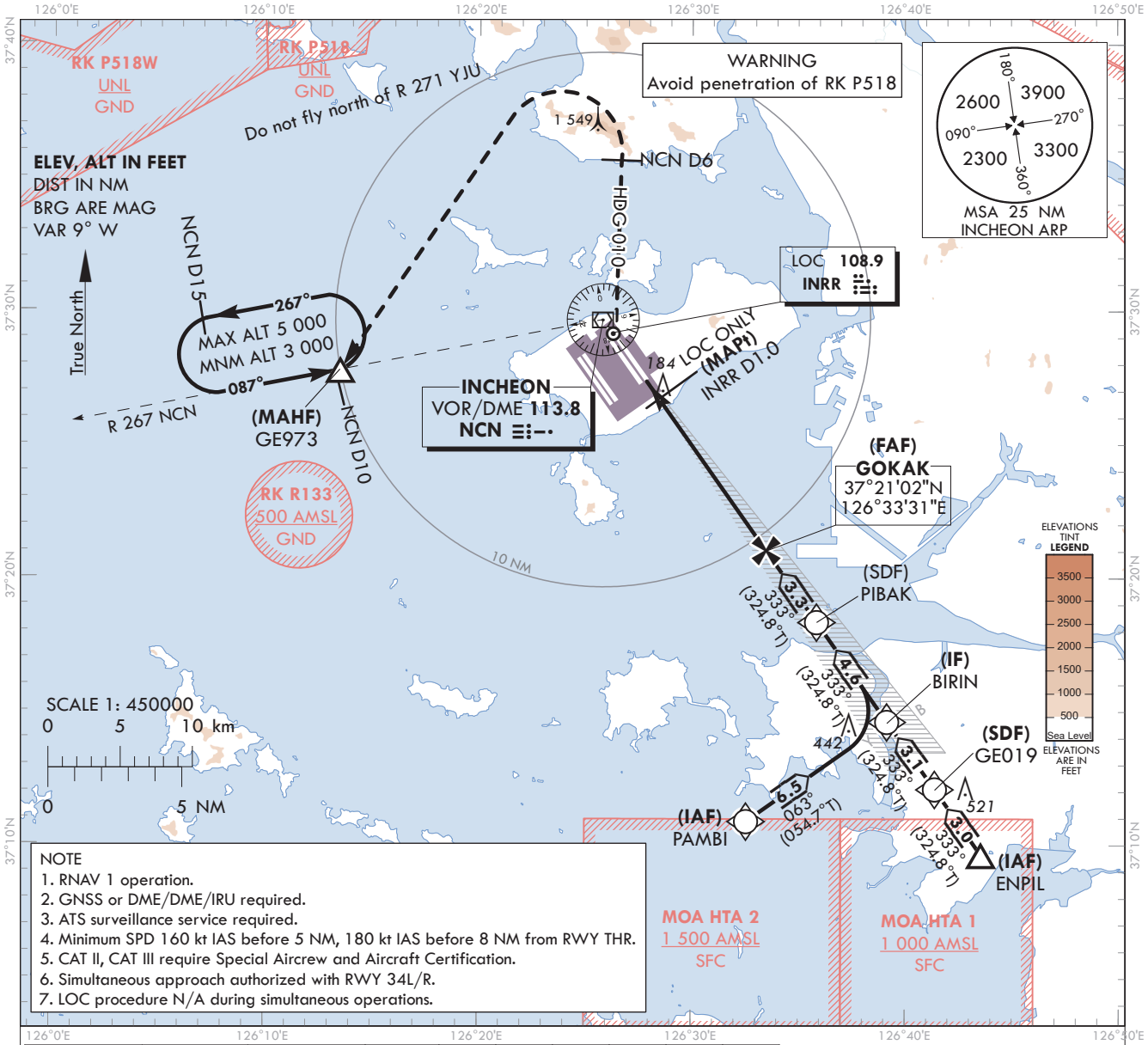
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33R - ELEV **23** ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 33R
CAT II & III

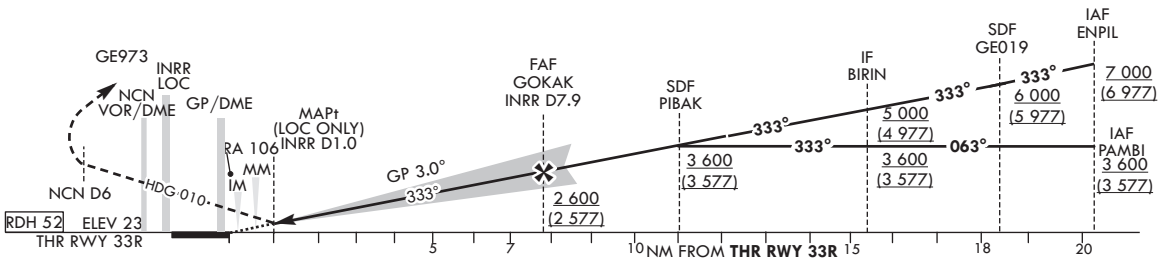


NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 34L/R.
7. LOC procedure N/A during simultaneous operations.

RECOMMENDED PROFILE(LOC ONLY)	DME INRR	7	6	5	4	3	2
Final Approach Gradient 5.37%, 326 ft/NM	ALT(HGT)	2 306 (2 283)	1 980 (1 957)	1 654 (1 631)	1 327 (1 304)	1 001 (978)	675 (652)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
1. Missed approach turn limited to 210 kt IAS maximum.
2. Missed approach minimum climb gradient of 2.5% to 3 000 ft (OCH 438 or 417), 4.0% to 2 000 ft (OCH 200 or 100).



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	461 (438)			
	CAT-I (CG 4.0%)	223 (200)			
	LOC	440 (417)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 3 000 ft. At 500 ft, turn right heading 010. At NCN 6 DME, turn left direct to GE973.
Hold as published. Do not turn before passing MAPt.

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS or LOC RWY 33R
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 33R from PAMBI to BIRIN(IF)		
Fix / Point	Coordinates	
PAMBI(IAF)	37°10'54.3"N	126°32'34.4"E
BIRIN(IF)	37°14'38.1"N	126°39'10.4"E

ILS/LOC Approach to RWY 33R from ENPIL to BIRIN(IF)		
Fix / Point	Coordinates	
ENPIL(IAF)	37°09'39.0"N	126°43'34.0"E
GE019(SDF)	37°12'06.3"N	126°41'24.3"E
BIRIN(IF)	37°14'38.1"N	126°39'10.4"E

ILS/LOC Approach to RWY 33R from BIRIN(IF) to MAHF			
Fix / Point		Coordinates	
PIBAK(SDF)		37°18'22.2"N	126°35'52.3"E
GOKAK(FAF)	BRG 333.28°/7.92 NM INRR	37°21'02.4"N	126°33'30.5"E
D1.0 INRR (MAPt LOC ONLY)	BRG 333.28°/1.00 NM INRR	37°26'41.9"N	126°28'29.3"E
THR RWY 33R		37°27'22.97"N	126°27'52.82"E
INRR DME		37°27'33.2"N	126°27'49.7"E
NCN VOR/DME		37°29'41.7"N	126°25'49.2"E
Climb to 500 ft	HDG 333	-	
D6 NCN	HDG 010	-	
GE973	BRG 267.26°/10 NM NCN	37°27'47.0"N	126°13'29.0"E

INSTRUMENT APPROACH CHART - ICAO

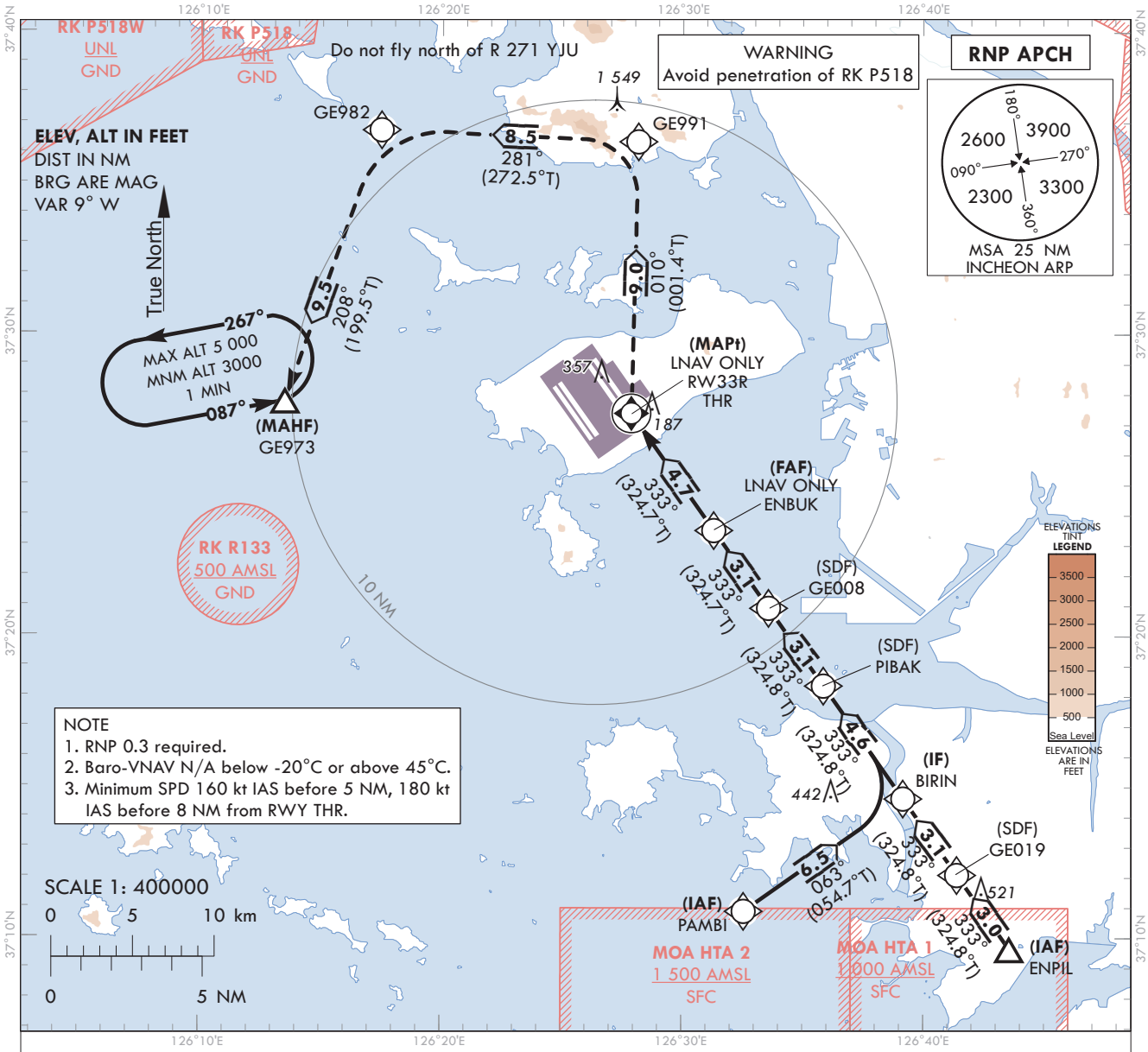
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33R - ELEV **23** ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

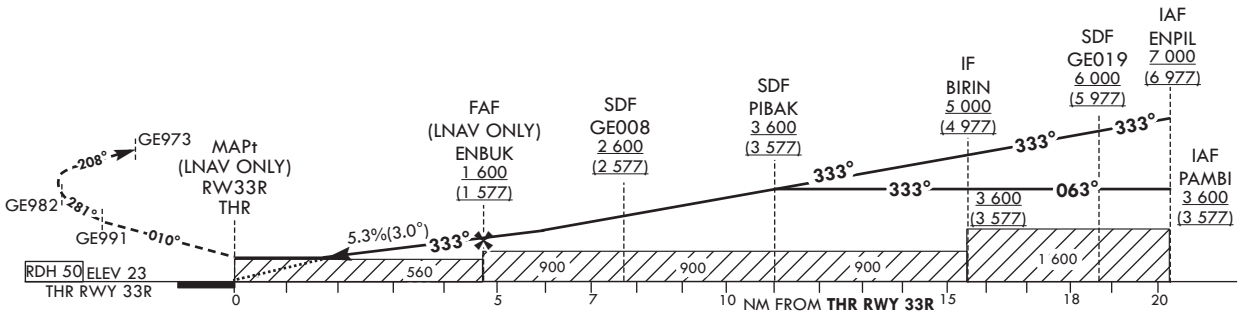
RNP RWY 33R



NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.
3. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.

MISSED APPROACH
Climb to 3 000 ft. Track to GE991, GE982 and GE973. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	430 (407)			
	LNAV	560 (537)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	323	484	645	807	968

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 33R - via PAMBI(IAF) to GE973(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	PAMBI	-	-	-	-	+ 3 600	-	37°10'54.3"N 126°32'34.4"E	-	RNP APCH	IAF
002	TF	BIRIN	-	063 (054.7)	6.5	-	+ 3 600	-	37°14'38.1"N 126°39'10.4"E	-	RNP APCH	IF
003	TF	PIBAK	-	333 (324.8)	4.6	-	+3 600	-	37°18'22.2"N 126°35'52.3"E	-	RNP APCH	SDF
004	TF	GE008	-	333 (324.8)	3.1	-	+2 600	-	37°20'56.6"N 126°33'35.7"E	-	RNP APCH	SDF
005	TF	ENBUK	-	333 (324.7)	3.1	-	+1 600	-	37°23'31.0"N 126°31'18.8"E	-	RNP APCH	FAF
006	TF	RW33R	Y	333(324.7)	4.7	-	+560	-	37°27'22.97"N 126°27'52.82"E	-3.04/50	RNP APCH	MAPt
007	TF	GE991	-	010(001.4)	9.0	-	-	-	37°36'23.4"N 126°28'09.1"E	-	RNP APCH	-
008	TF	GE982	-	281(272.5)	8.5	-	-	-	37°36'45.2"N 126°17'27.9"E	-	RNP APCH	-
009	TF	GE973	Y	208(199.5)	9.5	-	+3 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	-
010	HM	GE973	Y	087(078.9)	-	L	-5 000 +3 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 33R - via ENPIL(IAF) to GE973(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	ENPIL	-	-	-	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNP APCH	IAF
002	TF	GE019	-	333 (324.8)	3.0	-	+6 000	-	37°12'06.3"N 126°41'24.3"E	-	RNP APCH	SDF
003	TF	BIRIN	-	333 (324.8)	3.1	-	+5 000	-	37°14'38.1"N 126°39'10.4"E	-	RNP APCH	IF
004	TF	PIBAK	-	333 (324.8)	4.6	-	+3 600	-	37°18'22.2"N 126°35'52.3"E	-	RNP APCH	SDF
005	TF	GE008	-	333 (324.8)	3.1	-	+2 600	-	37°20'56.6"N 126°33'35.7"E	-	RNP APCH	SDF
006	TF	ENBUK	-	333 (324.7)	3.1	-	+1 600	-	37°23'31.0"N 126°31'18.8"E	-	RNP APCH	FAF
007	TF	RW33R	Y	333(324.7)	4.7	-	+560	-	37°27'22.97"N 126°27'52.82"E	-3.04/50	RNP APCH	MAPt
008	TF	GE991	-	010(001.4)	9.0	-	-	-	37°36'23.4"N 126°28'09.1"E	-	RNP APCH	-
009	TF	GE982	-	281(272.5)	8.5	-	-	-	37°36'45.2"N 126°17'27.9"E	-	RNP APCH	-
010	TF	GE973	Y	208(199.5)	9.5	-	+3 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	-
011	HM	GE973	Y	087(078.9)	-	L	-5 000 +3 000	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART - ICAO

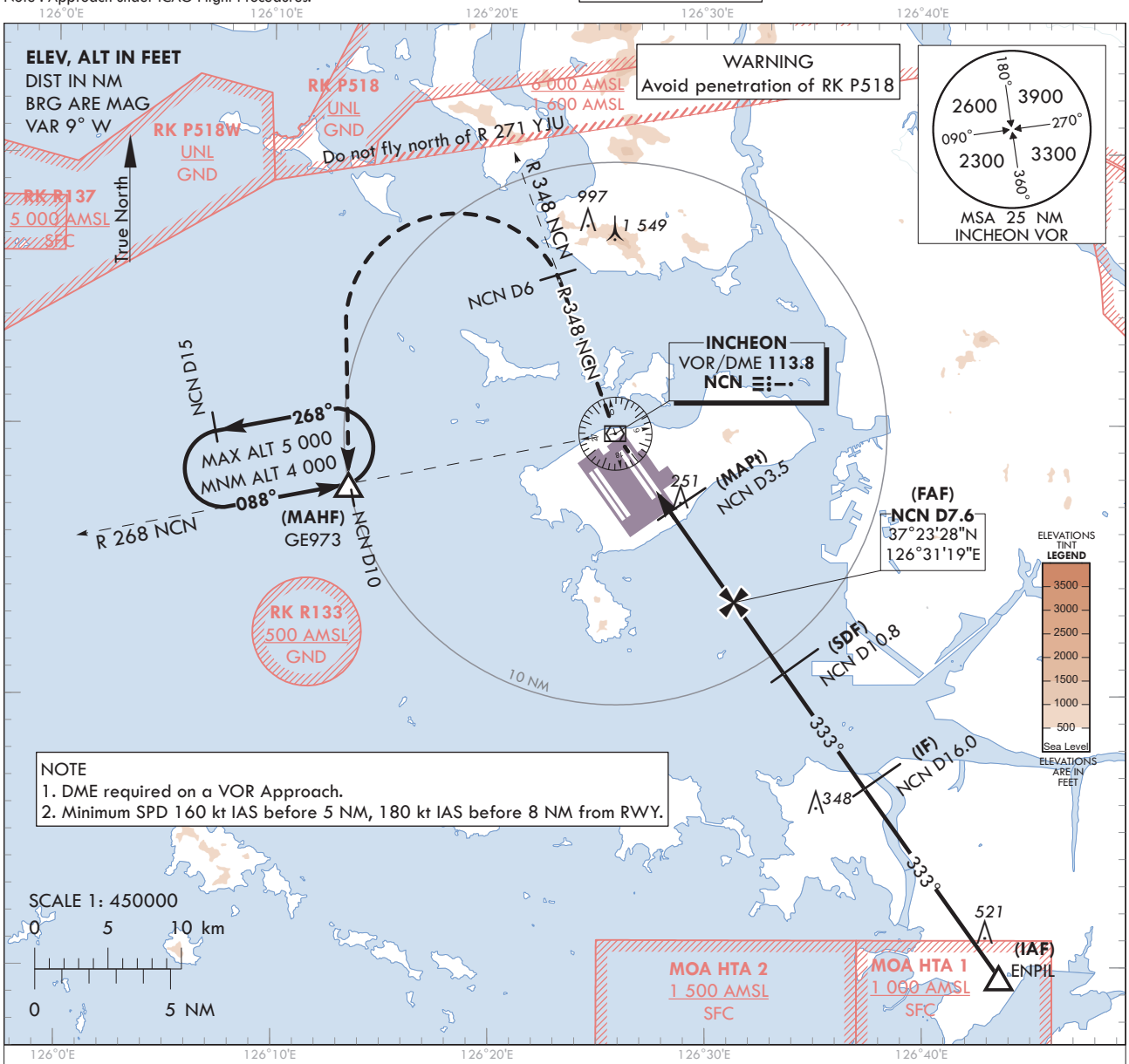
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33R - ELEV **23** ft

SEOUL	APP	119.75 121.35
INCHEON	TWR	118.2 118.8

SEOUL/Incheon Intl(RKSI)

VOR RWY 33R

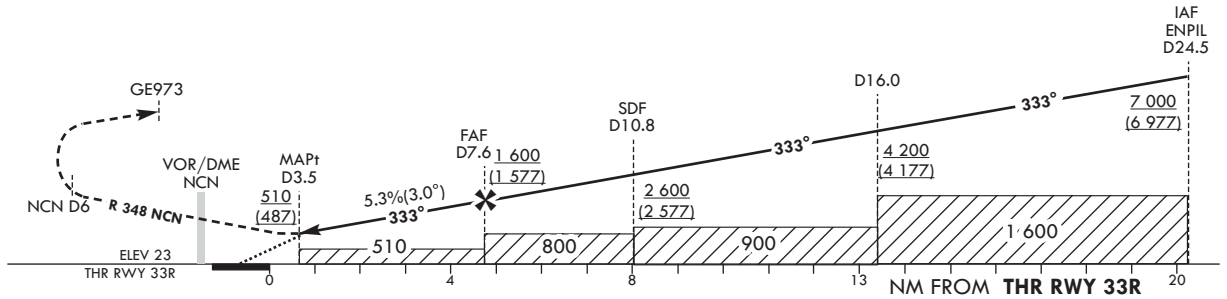


NOTE
1. DME required on a VOR Approach.
2. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY.

RECOMMENDED PROFILE	DME NCN	7	6	5
Final Approach Gradient 5.3%(319.8 ft/NM)	ALT(HGT)	1 441(1 418)	1 121(1 098)	801(778)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 4 000 ft via NCN VOR then turn right on R 348 NCN to 6 DME and turn left direct to GE973.
Hold as published.



OCA (H)	A	B	C	D
Straight-in Approach	510 (487)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	320	480	640	800	960

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

SEOUL/Incheon Intl(RKSI)
VOR RWY 33R

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 33R from ENPIL			
Fix / Point		Coordinates	
ENPIL(IAF)		37°09'39.0"N	126°43'34.0"E
D16 NCN(IF)	BRG 333.19°/8.51 NM	37°16'35.5"N	126°37'22.8"E
D10.8 NCN(SDF)	BRG 333.00°/10.80 NM NCN	37°20'51.0"N	126°33'37.9"E
D7.6 NCN(FAF)	BRG 333.00°/7.60 NM NCN	37°23'28.2"N	126°31'19.3"E
D3.5 NCN(MAPt)	BRG 333.00°/3.50 NM NCN	37°26'49.6"N	126°28'21.5"E
THR RWY 33R	Final approach descent angle 3°	37°27'22.97"N	126°27'52.82"E
NCN VOR/DME		37°29'41.7"N	126°25'49.2"E
D6 NCN	R 348 NCN/6.00 NM NCN	37°35'19.7"N	126°23'12.9"E
GE973	BRG 267.72°/10.00 NM NCN	37°27'47.0"N	126°13'29.0"E

INSTRUMENT APPROACH CHART - ICAO

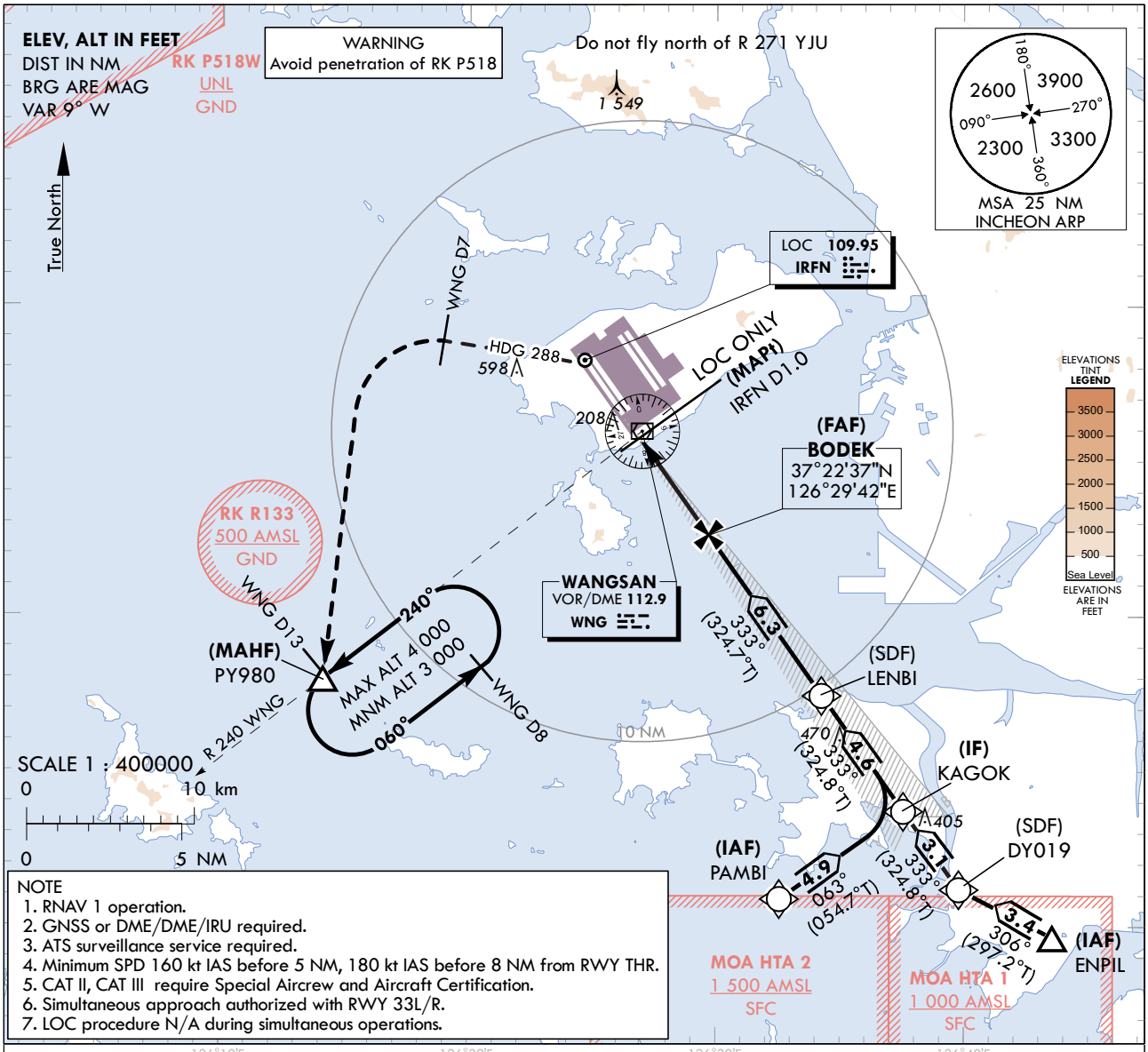
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 34L - ELEV 23 ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 34L
CAT II & III

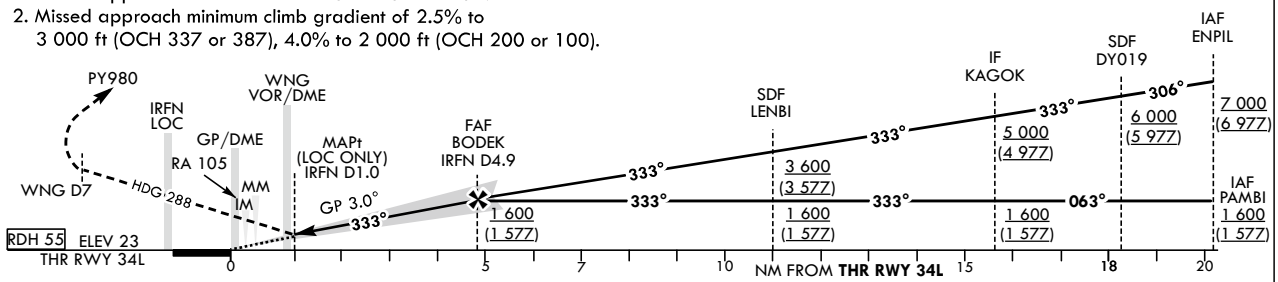


NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with RWY 33L/R.
7. LOC procedure N/A during simultaneous operations.

RECOMMENDED PROFILE(LOC ONLY)	DME IRFN	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 310 (1 287)	988 (965)	666 (643)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

NOTE
1. Missed approach turn limited to 210 kt IAS maximum.
2. Missed approach minimum climb gradient of 2.5% to 3 000 ft (OCH 337 or 387), 4.0% to 2 000 ft (OCH 200 or 100).



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	360 (337)			
	CAT-I (CG 4.0%)	223 (200)			
	LOC	410 (387)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 3 000 ft. At 500 ft, turn left heading 288. At WNG 7 DME, turn left direct to PY980.
Hold as published. Do not turn before passing MAPt.

* Timing Not authorized for defining the MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS or LOC RWY 34L
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 34L from PAMBI to KAGOK(IF)		
Fix / Point		Coordinates
PAMBI(IAF)		37°10'54.3"N 126°32'34.4"E
KAGOK(IF)		37°13'43.8"N 126°37'34.2"E

ILS/LOC Approach to RWY 34L from ENPIL to KAGOK(IF)		
Fix / Point		Coordinates
ENPIL(IAF)		37°09'39.0"N 126°43'34.0"E
DY019(SDF)		37°11'12.0"N 126°39'48.0"E
KAGOK(IF)		37°13'43.8"N 126°37'34.2"E

ILS/LOC Approach to RWY 34L from KAGOK(IF) to MAHF		
Fix / Point		Coordinates
LENBI(SDF)		37°17'27.8"N 126°34'16.1"E
BODEK(FAF)	BRG 333.20°/4.89 NM IRFN	37°22'37.3"N 126°29'41.9"E
D1.0 IRFN (MAPt LOC ONLY)	BRG 333.20°/1.00 NM IRFN	37°25'48.0"N 126°26'52.4"E
WNG VOR/DME		37°25'58.6"N 126°27'00.0"E
THR RWY 34L		37°26'28.50"N 126°26'16.45"E
IRFN DME		37°26'34.7"N 126°26'04.9"E
Climb to 500 ft	HDG 333	-
D7 WNG	HDG 288	-
PY980	BRG 240.30°/13.00 NM WNG	37°17'58.7"N 126°14'09.0"E

INSTRUMENT APPROACH CHART - ICAO

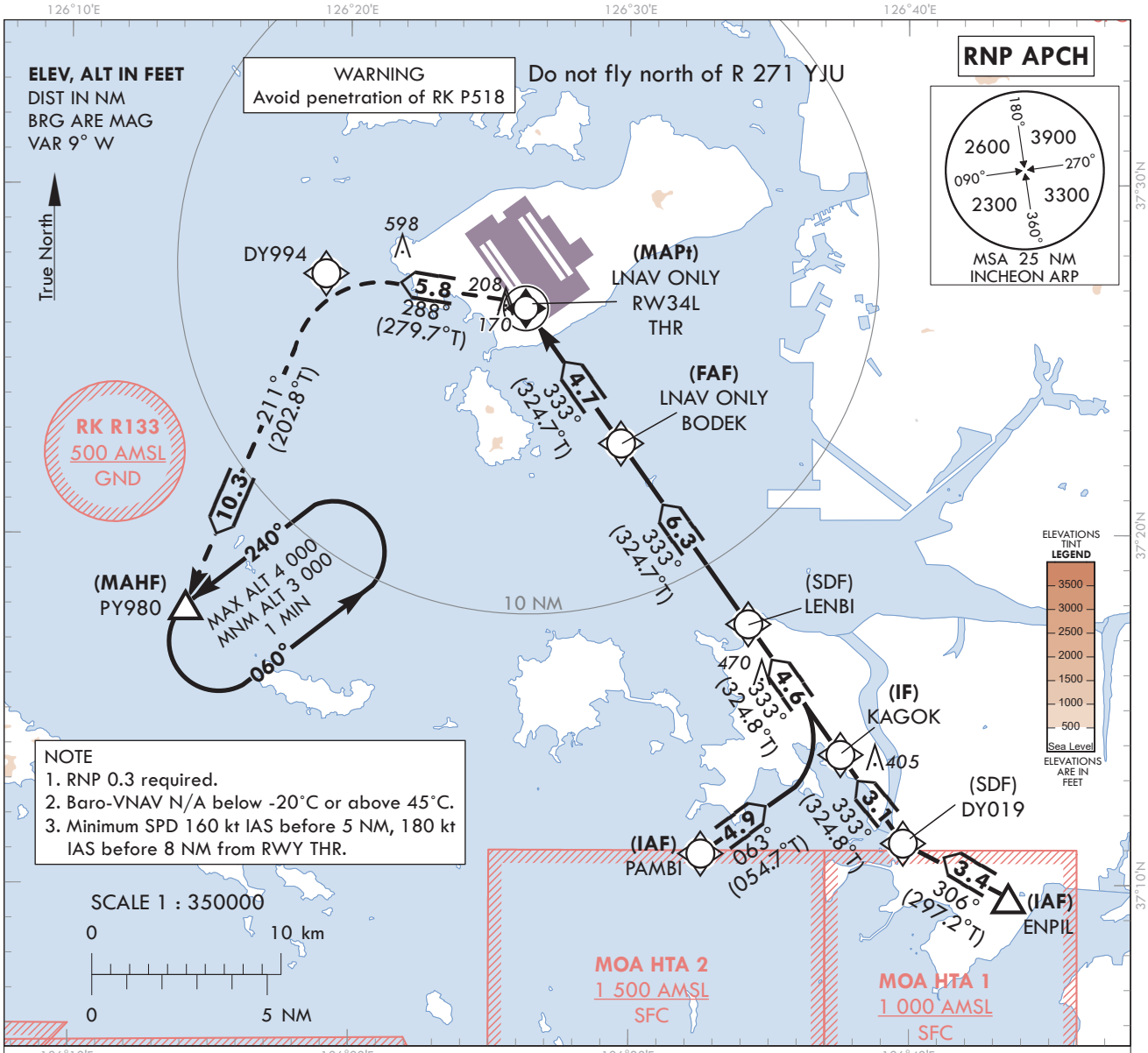
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 34L - ELEV **23** ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

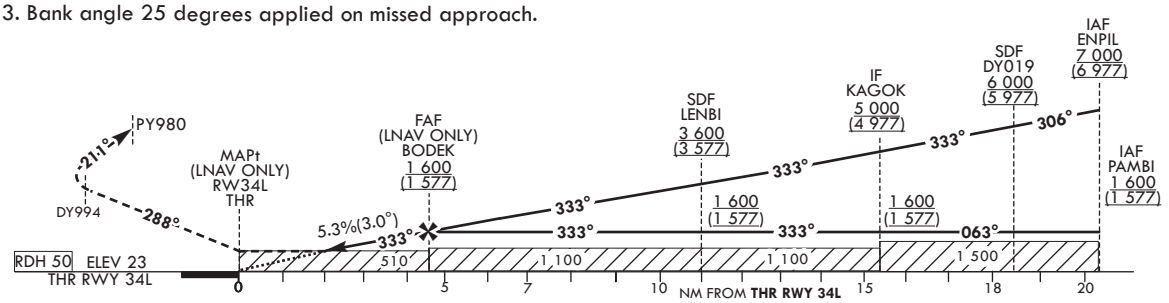
RNP RWY 34L



MISSED APPROACH
Climb to 3 000 ft. Track to DY994, PY980. Hold as published.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

NOTE
1. Missed approach turn limited to 220 kt IAS maximum.
2. Missed approach climb gradient of 3.0% for ATC purpose.
3. Bank angle 25 degrees applied on missed approach.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	430 (407)			
	LNAV	510 (487)			

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	324	486	647	809	971

* Timing Not authorized for defining the MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 34L - via PAMBI to PY980(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	PAMBI	-	-	-	-	+1 600	-	37°10'54.3"N 126°32'34.4"E	-	RNP APCH	IAF
002	TF	KAGOK	-	063 (054.7)	4.9	-	+1 600	-	37°13'43.8"N 126°37'34.2"E	-	RNP APCH	IF
003	TF	LENBI	-	333 (324.8)	4.6	-	+1 600	-	37°17'27.8"N 126°34'16.1"E	-	RNP APCH	SDF
004	TF	BODEK	-	333 (324.7)	6.3	-	+1 600	-	37°22'37.3"N 126°29'41.9"E	-	RNP APCH	FAF
005	TF	RW34L	Y	333 (324.7)	4.7	-	+510	-	37°26'28.50"N 126°26'16.45"E	-3.05/50	RNP APCH	MAPt
006	TF	DY994	-	288 (279.7)	5.8	-	-	-220	37°27'26.9"N 126°19'07.5"E	-	RNP APCH	Bank Angle 25°
007	TF	PY980	Y	211 (202.8)	10.3	-	+3 000	-220	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	MAHF
008	HM	PY980	Y	240 (231.3)	-	L	-4 000 +3 000	-	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 34L - via ENPIL(IAF) to PY980(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	ENPIL	-	-	-	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNP APCH	IAF
002	TF	DY019	-	306 (297.2)	3.4	-	+6 000	-	37°11'12.0"N 126°39'48.0"E	-	RNP APCH	SDF
003	TF	KAGOK	-	333 (324.8)	3.1	-	+5 000	-	37°13'43.8"N 126°37'34.2"E	-	RNP APCH	IF
004	TF	LENBI	-	333 (324.8)	4.6	-	+3 600	-	37°17'27.8"N 126°34'16.1"E	-	RNP APCH	SDF
005	TF	BODEK	-	333 (324.7)	6.3	-	+1 600	-	37°22'37.3"N 126°29'41.9"E	-	RNP APCH	FAF
006	TF	RW34L	Y	333 (324.7)	4.7	-	+510	-	37°26'28.50"N 126°26'16.45"E	-3.05/50	RNP APCH	MAPt
007	TF	DY994	-	288 (279.7)	5.8	-	-	-220	37°27'26.9"N 126°19'07.5"E	-	RNP APCH	Bank Angle 25°
008	TF	PY980	Y	211 (202.8)	10.3	-	+3 000	-220	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	MAHF
009	HM	PY980	Y	240 (231.3)	-	L	-4 000 +3 000	-	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	1 min (Outbound timing)

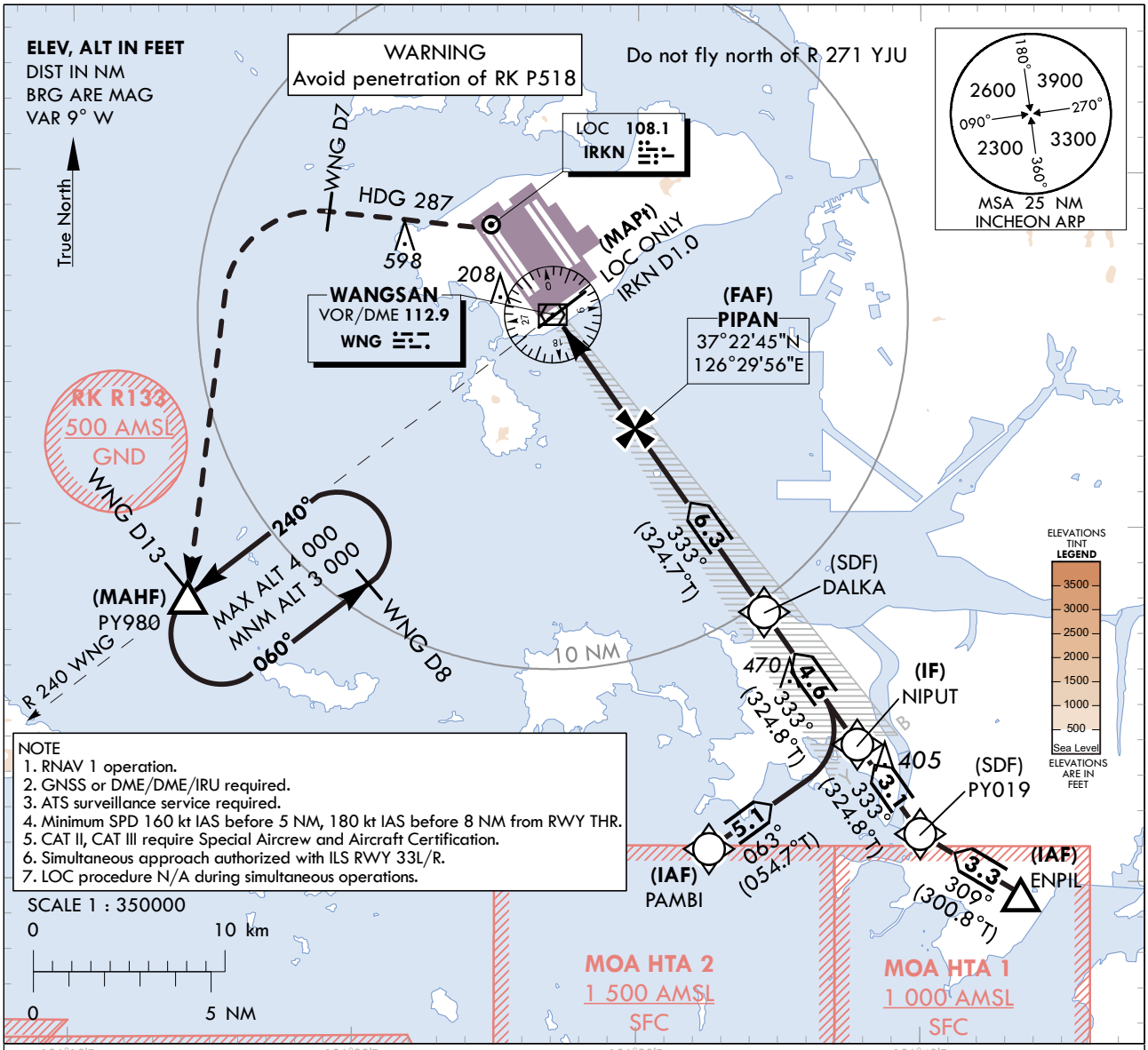
INSTRUMENT APPROACH CHART - ICAO
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 34R - ELEV **23** ft

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 34R
CAT II & III

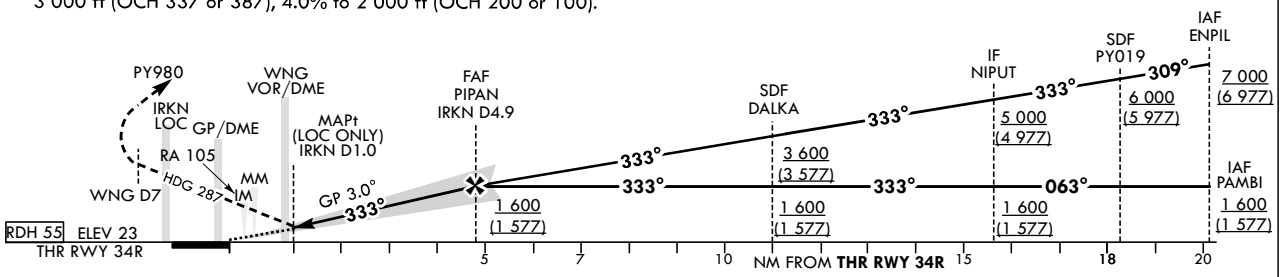


NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
5. CAT II, CAT III require Special Aircrew and Aircraft Certification.
6. Simultaneous approach authorized with ILS RWY 33L/R.
7. LOC procedure N/A during simultaneous operations.

RECOMMENDED PROFILE(LOC ONLY)	DME IRKN	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 310 (1 287)	988 (965)	666 (643)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

NOTE
1. Missed approach turn limited to 210 kt IAS maximum.
2. Missed approach minimum climb gradient of 2.5% to 3 000 ft (OCH 337 or 387), 4.0% to 2 000 ft (OCH 200 or 100).



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	360 (337)			
	CAT-I (CG 4.0%)	223 (200)			
	LOC	410 (387)			
	CAT II	123 (100)			
	CAT III	-			

MISSED APPROACH
Fly RWY heading, climb to 3 000 ft. At 500 ft, turn left heading 287. At WNG 7 DME, turn left direct to PY980.
Hold as published. Do not turn before passing MAPt.

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Incheon Intl(RKSI)
ILS or LOC RWY 34R
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 34R from PAMBI to NIPUT(IF)		
Fix / Point		Coordinates
PAMBI(IAF)		37°10'54.3"N 126°32'34.4"E
NIPUT(IF)		37°13'51.5"N 126°37'47.9"E

ILS/LOC Approach to RWY 34R from ENPIL to NIPUT(IF)		
Fix / Point		Coordinates
ENPIL(IAF)		37°09'39.0"N 126°43'34.0"E
PY019(SDF)		37°11'20.4"N 126°40'01.2"E
NIPUT(IF)		37°13'51.5"N 126°37'47.9"E

ILS/LOC Approach to RWY 34R from NIPUT(IF) to MAHF		
Fix / Point		Coordinates
DALKA(SDF)		37°17'35.6"N 126°34'29.8"E
PIPAN(FAF)	BRG 333.34°/4.89 NM IRKN	37°22'45.1"N 126°29'55.6"E
D1.0 IRKN (MAPt LOC ONLY)	BRG 333.34°/1.00 NM IRKN	37°25'55.7"N 126°27'06.3"E
WNG VOR/DME		37°25'58.6"N 126°27'00.0"E
THR RWY 34R		37°26'36.29"N 126°26'30.21"E
IRKN DME		37°26'42.5"N 126°26'18.8"E
Climb to 500 ft	HDG 333	-
D7 WNG	HDG 287	-
PY980	BRG 240.75°/13.00 NM WNG	37°17'58.7"N 126°14'09.0"E

INSTRUMENT APPROACH CHART - ICAO

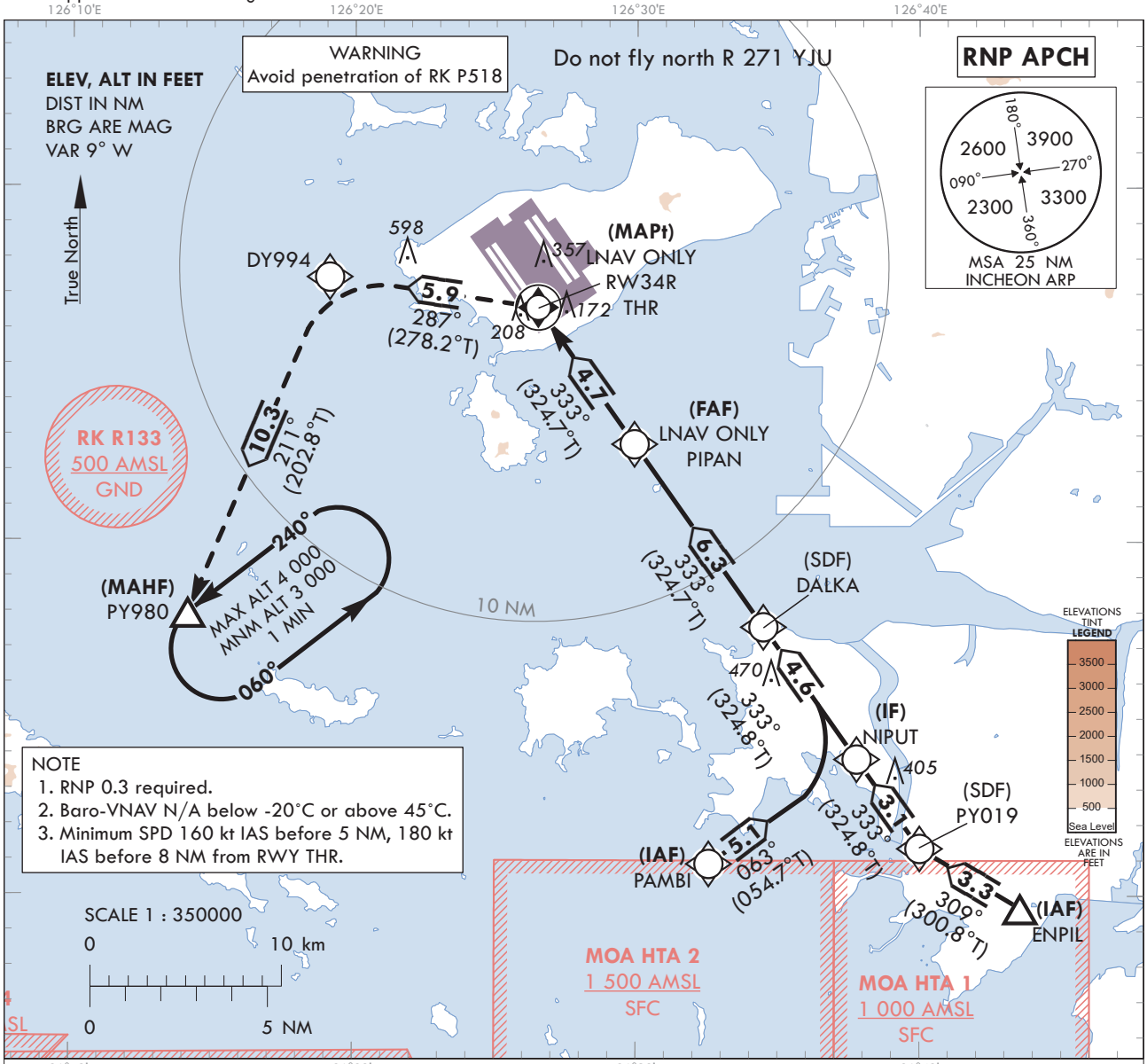
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 34R - ELEV **23 ft**

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 34R

Note : Approach under ICAO Flight Procedures.

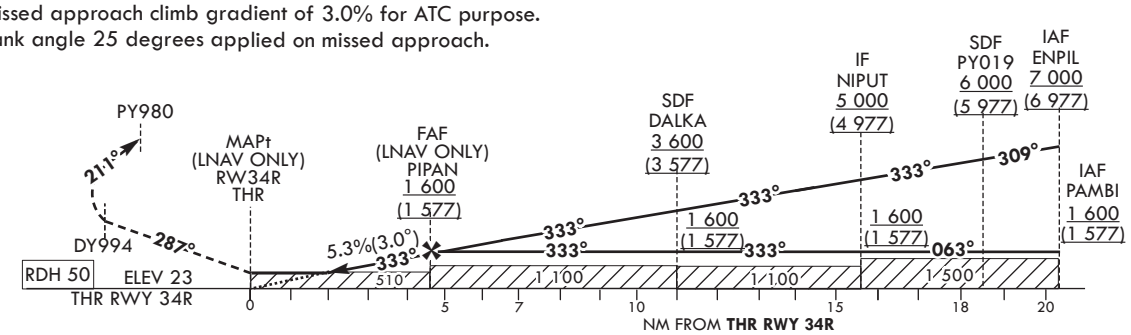


NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.
3. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.

MISSED APPROACH
Climb to 3 000 ft. Track to DY994, PY980. Hold as published.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

NOTE
1. Missed approach turn limited to 220 kt IAS maximum.
2. Missed approach climb gradient of 3.0% for ATC purpose.
3. Bank angle 25 degrees applied on missed approach.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	430 (407)			
	LNAV	510 (487)			

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	324	486	647	809	971

* Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 34R - via PAMBI(IAF) to PY980(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	PAMBI	-	-	-	-	+1 600	-	37°10'54.3"N 126°32'34.4"E	-	RNP APCH	IAF
002	TF	NIPUT	-	063 (054.7)	5.1	-	+1 600	-	37°13'51.5"N 126°37'47.9"E	-	RNP APCH	IF
003	TF	DALKA	-	333 (324.8)	4.6	-	+1 600	-	37°17'35.6"N 126°34'29.8"E	-	RNP APCH	SDF
004	TF	PIPAN	-	333 (324.7)	6.3	-	+1 600	-	37°22'45.1"N 126°29'55.6"E	-	RNP APCH	FAF
005	TF	RW34R	Y	333(324.7)	4.7	-	+510	-	37°26'36.29"N 126°26'30.21"E	-3.05/50	RNP APCH	MAPt
006	TF	DY994	-	287(278.2)	5.9	-	-	-220	37°27'26.9"N 126°19'07.5"E	-	RNP APCH	Bank Angle 25°
007	TF	PY980	Y	211(202.8)	10.3	-	+3 000	-220	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	MAHF
008	HM	PY980	Y	240(231.3)	-	L	-4 000 +3 000	-	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 34R - via ENPIL(IAF) to PY980(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	ENPIL	-	-	-	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNP APCH	IAF
002	TF	PY019	-	309 (300.8)	3.3	-	+6 000	-	37°11'20.4"N 126°40'01.2"E	-	RNP APCH	SDF
003	TF	NIPUT	-	333 (324.8)	3.1	-	+5 000	-	37°13'51.5"N 126°37'47.9"E	-	RNP APCH	IF
004	TF	DALKA	-	333 (324.8)	4.6	-	+3 600	-	37°17'35.6"N 126°34'29.8"E	-	RNP APCH	SDF
005	TF	PIPAN	-	333 (324.7)	6.3	-	+1 600	-	37°22'45.1"N 126°29'55.6"E	-	RNP APCH	FAF
006	TF	RW34R	Y	333(324.7)	4.7	-	+510	-	37°26'36.29"N 126°26'30.21"E	-3.05/50	RNP APCH	MAPt
007	TF	DY994	-	287(278.2)	5.9	-	-	-220	37°27'26.9"N 126°19'07.5"E	-	RNP APCH	Bank Angle 25°
008	TF	PY980	Y	211(202.8)	10.3	-	+3 000	-220	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	MAHF
009	HM	PY980	Y	240(231.3)	-	L	-4 000 +3 000	-	37°17'58.7"N 126°14'09.0"E	-	RNP APCH	1 min (Outbound timing)

2.2 Procedures for start-up and push-back

1. Before start-up and push-back

a. Pilot shall ensure aircraft is ready for push-back at TOBT.

b. Pilot shall maintain communication with the AO / GHA as they are responsible for updating the TOBT. Pilot shall notify the AO / GHA to update the TOBT if it is expected to differ by 5 minutes or more.

c. ATC will update TSAT changes if necessary, before push-back. Note that TSAT provided by ATC may not be final and can be revised due to en-route clearance restrictions, ground congestion or flow management.

d. Before pilot request engine start-up and push-back, pilot shall check the following from ground crews(ground handler, aircraft maintenance) :

1) Aircraft doors are closed (include cargo door).
2) Boarding bridge (or step car) removed.
3) Push-back vehicle connected and ready to push (applicable when aircraft needs push-back).
4) Connection between pilot and GHA should be maintain, if unable advise Gimpo Apron.
5) Including vehicles on GSE road, there is no hazard to start-up and push-back around the aircraft.

* Note : The pilot shall not ask the Gimpo Apron for start-up and push-back until its safety check-up is fully confirmed. If there are any elements posing a potential failure, the pilot can ask the Gimpo Apron for push-back only. After moving and standing the aircraft at a safety area, the pilot can ask the engine start up.

2. Request start-up and push-back

a. Pilot shall contact Gimpo Apron(130.875 MHz) to request engine start-up and push-back and provide the following :

1) Call sign
2) Gate or stand number
3) TSAT (if applicable)

b. Push-back approval is valid for 1 MIN. Push-back is therefore to begin promptly after approval.

c. Push-back for Central & East Apron
Aircraft stands NR. 124~125, NR. 131~134 will be pushed back for code letter "E" aircraft.

1) RWY 14L/R in use
Aircraft will be pushed back to face northwest unless otherwise instructed by ATC.

2) RWY 32R/L in use
Aircraft will be pushed back to face southeast unless otherwise instructed by ATC.

d. Push-back for North Apron

1) Aircraft stands NR. 31~36 will be pushed back to face southwest unless otherwise instructed by ATC.
2) Aircraft stands NR. 37~39, NR. 304~307 will be pushed back to face southeast unless otherwise instructed by ATC.
3) Aircraft stands NR. 301~303, NR. 221~241 will be pushed back to face northeast unless otherwise instructed by ATC.
4) Aircraft stands NR. 201~205, 209~211 will be pushed back to face northeast for code letter "E" aircraft unless otherwise instructed by ATC.

3. After start-up and push-back

a. All aircraft to be taxied within the apron shall fix their thrusts on an idle. In case of using breakaway thrust, it should be used to a minimum. Especially when all aircraft push back from ACFT stands(NR. 37, 38, 39) and commence taxiing onto taxilane P4 or N3 in North Apron, the pilot shall be taxied with idle power for ground safety.

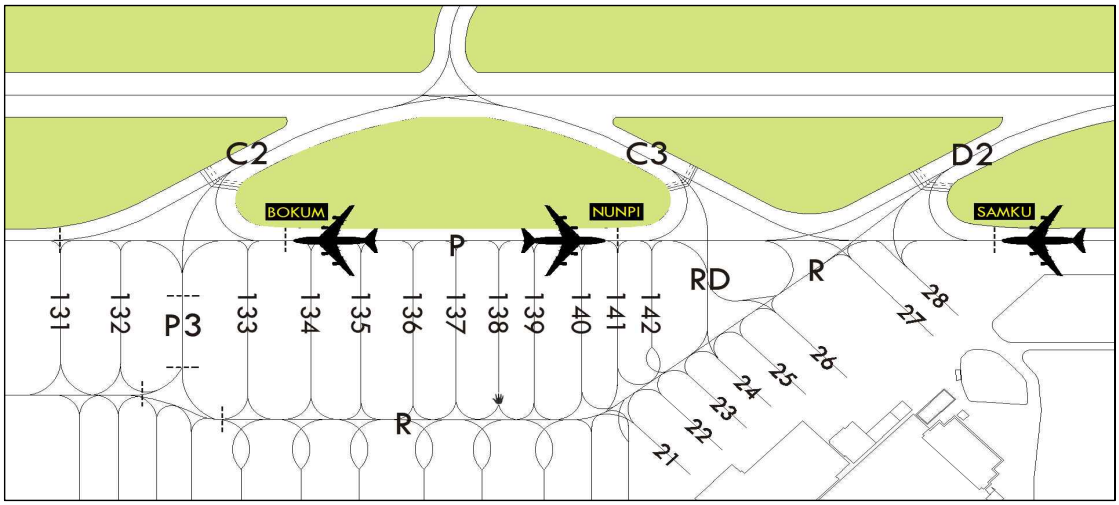
b. If an aircraft have any problem with taxiing right after push-back, the pilot should report to Apron control. And then the pilot will be instructed to return the gate or to move other places to avoid blocking taxilanes.

4. Others

a. Gimpo Apron may swap push-back sequence based on TSAT and real-time readiness of aircraft to maximize apron and RWY capacity and to reduce the overall delay of traffic as and when required.

2.3 Ground Holding Procedures

1. Each holding point uses a five-letter alphabetical code to identify the specific holding location for ground aircrafts on P taxiway.
   The specific holding points are illustrated as below. (Refer to AD 2-5 Ground movement charts.)



2. Unless otherwise instructed, aircraft should follow the instructions by ATC as below.

NR.	Holding Point	Name [Pronunciation]	Coordinates	ATC Phraseology	Information sign
①	'P3' taxiway Hold short point	BOKUM [보쿰]	37°33'19"N 126°48'02"E	"Hold short of BOKUM"	←P3 P-BOKUM C2↘
②	'RD' taxiway Hold short point	NUNPI [눈피]	37°33'28"N 126°47'51"E	"Hold short of NUNPI"	↙C3 P-NUNPI RD→
③	'R' taxiway Hold short point	SAMKU [샘쿠]	37°33'38"N 126°47'38"E	"Hold short of SAMKU"	↖R P-SAMKU / P-SAMKU D2↘

2.4 Procedures for vehicles towing aircraft

1. Ground crews of vehicles required to tow aircraft should not assume that the ATC is aware that an aircraft is to be towed.
   항공기 견인 차량의 운전자는 항공기가 견인되고 있다는 상황을 관제기관이 알고 있다고 가정해서는 안 된다.

2. Ground crews must ensure that the area around the aircraft is clear of vehicles, equipment, and other OBST for safe and smooth aircraft movements. If it is unable to maintain safety distance despite ATC instruction, ground crews must stop immediately and inform ATC.
   지상운전자는 항공기의 안전하고 원활한 이동을 위해 차량, 장비 그리고 다른 장애물로부터 항공기 주변의 안전을 확인하여야 한다. 관제기관의 지시에도 불구하고 안전거리가 확보되지 않을 시, 지상운전자는 즉시 견인차량을 멈추고 관제기관에 통보하여야 한다.

3. In order to avoid any confusion, and as an aid to identification, ground crews should state the position and where applicable the operator, of the aircraft to be towed and readback instructions from ATC.
   지상운전자는 혼돈을 방지하고 식별을 돕기 위해 위치 및 운영자를 명시하여야 하며, 관제기관의 지시를 복창하여야 한다.

4. The performance and maneuverability of ground vehicles is obviously reduced when towing aircraft and this is taken into account when instructions to such vehicles are issued.
   항공기 견인 시, 견인차량의 성능과 기동성이 상당히 떨어지므로 이 사실을 고려하여 해당 차량에게 지시하여야 한다.

Change : Establishment of ground holding procedures(2.3) and Information of item number(2.3 → 2.4).

2.5 Departure routes and Transfer of Control Points(TCP)

1. Unless otherwise instructed, aircraft should use the following routes :

	Apron	Apron FREQ	Route	TCP	Gate/Stand
RWY 14	Central and East	130.875 MHz 131.175 MHz 131.325 MHz 129.525 MHz 131.375 MHz	P1 → P	P hold line (on P1)	121 to 122
			P2 → P	P hold line (on P2)	123 to 127 (if push-back is required)
			P3 → P	P hold line (on P3)	1 to 4 128 to 130
					131 to 132 (if push-back is required)
			R → P	P hold line (on R)	6 to 26
					133 to 142 (if push-back is required)
			P	Parking Stand	123 to 127 131 to 142
				* ACFT stands NR. 27~28 will be transferred to Gimpo Ground when ready to taxi after completed push-back.	
	North		P4 → P	P hold line (on P4)	All stands (on North Apron)
	West		W2 (CN235 : W1)	RWY hold line on W2 (CN235 : W1)	All stands (on West Apron)
RWY 32	Central and East		P1 → P	P hold line (on P1)	121 to 122
					123 to 127 (if push-back is required)
			P2 → P	P hold line (on P2)	1 to 4 128 to 130
					131 to 132 (if push-back is required)
			P3 → P	P hold line (on P3)	6 to 26
					133 to 142 (if push-back is required)
			P	Parking Stand	123 to 127 131 to 142
				* ACFT stands NR. 27~28 will be transferred to Gimpo Ground when ready to taxi after completed push-back.	
	North		P4 → P	P hold line (on P4)	All stands (on North Apron)
	West		W1	RWY hold line (on W1)	All stands (on West Apron)

2. Aircraft shall not proceed beyond the TCP without instruction from ATC.

3. These operation can be changed by traffic condition, weather condition or any other safety reason.

Change : Information of item number(2.4 → 2.5).

2.6 Arrival routes and Transfer of Control Points(TCP)

1. Unless otherwise instructed, aircraft should use the following routes :

	Apron	Apron FREQ	Route	TCP	Gate/Stand
RWY 14	Central and East	130.875 MHz 131.175 MHz 131.325 MHz 129.525 MHz 131.375 MHz	C2 → P → P1	P hold line (on P1)	121 to 127
			C2 → P → P2	P hold line (on P2)	1 to 4 128 to 132
			C2 → P3	P hold line (on P3)	6 to 28 133 to 142
	North		C3 → P → P5	P hold line (on P5)	All stands (on North Apron)
	West		W2 (CN235 : W1)	RWY hold line on W2 (CN235 : W1)	All stands (on West Apron)
RWY 32	Central and East		D3(E2) → P → R	P hold line (on R)	6 to 28 133 to 142
			D3(E2) → P → P3	P hold line (on P3)	1 to 4 128 to 132
			D3(E2) → P → P2	P hold line (on P2)	121 to 127
	North		D3(E2) → P → P5	P hold line (on P5)	All stands (on North Apron)
	West		W2 (CN235 : W1)	RWY hold line on W2 (CN235 : W1)	All stands (on West Apron)

2. Aircraft shall not proceed beyond the TCP without instruction from ATC.
   * Note : When RWY 14 in use, aircraft inbound for P1 / P2 / P3 will normally be instructed to hold on P1 / P2 / P3 (hold short of R) after vacating both RWY by Gimpo Ground for smooth RWY operation.

3. These operation can be changed by traffic condition, weather condition or any other safety reason.

2.7 Taxiing speed and power control

1. All aircraft should taxi at speeds of more than 10 kt IAS on Taxiway P to ensure smooth traffic flow unless there is an exceptional direction for safety reason by ATC. And if it is impracticable, pilots shall notify ATC.

2. All the code letter "E" aircraft including B747 holding on TWY B1 for RWY 32L departure should maintain engine power at ground idle so that the landing traffic on RWY 32R are protected from the jet blast.

Change : Information of item numbers(2.5, 2.6 → 2.6, 2.7).

2.8 Taxi and Ground Movement Procedures for North Apron

1. Aircraft waiting on N1-A, N1-B for deicing or for other purposes should stop at the stop line, and a marshal should maintain radio communication with ATC.

2. Standard taxi procedures for north apron

Unless otherwise cleared by ATC, taxi into and out of north apron as follows;

〔Caution〕 While taxiing to/from the International Terminal via P4 or P5, pilots should look out for other aircraft that might be holding on taxiway N1, N2 and N3 in order to avoid collision risk.

a. Departure

1) Aircraft stands from NR. 31 to 39, NR. 201 to 211 proceed to "P" TWY via "P4" TWY.
2) Aircraft stands from NR. 221 to 231 proceed to "P" TWY via “N2” and "P4" TWY.
3) Aircraft stands from NR. 232 to 241 proceed to "P" TWY via “N3” and "P4" TWY.
4) Aircraft stands from NR. 301 to 307 proceed to "P" TWY via “N3” and "P4" TWY.

b. Arrival

1) Aircraft stands from NR. 201 to 211, NR. 221 to 241 proceed to aircraft stand via "P" and "P5" TWY.
2) Aircraft stands from NR. 31 to 34 proceed to aircraft stand via "P", "P5" and "N2" TWY.
3) Aircraft stands from NR. 35 to 39 proceed to aircraft stand via "P", "P5" and "N3" TWY.
4) Aircraft stands from NR. 301 to 307 proceed to aircraft stand via "P", "P5" and "N3" TWY.

2.9 Taxi and Ground Movement Procedures for West Apron

1. All aircraft within the west apron shall be operated in accordance with the following conditions.

a. An aircraft operating on the west apron shall not taxi, push-back or tow unless prior authorization has been obtained from Gimpo Apron.

b. Pilot shall contact Gimpo APN to request engine start-up and provide the following :

1) Call sign
2) Stand number
3) Intention(Departure, Run-up, Maintenance, etc.)
4) Flight path(South or RWY cross, etc.)
5) In case of special missions(emergency, search and rescue, etc.), provide relevant information.

c. Pilot shall contact Gimpo APN (for Arrival) and provide following :

1) Call sign
2) Present position
3) Assigned stand number

d. Park at appropriate stands considering aircraft dimensions specified herein, all aircraft must be parked within the aircraft stand safety lines.
Refer to the AIRCRAFT PARKING/DOCKING CHART ICAO for the details.

e. Wheeled helicopters are restricted to ground taxi only.

f. When any adjacent stand is occupied, power driven turn of aircraft at the stand is prohibited.

g. All stands are restricted to start-up only, and all engine run-up must be performed in designated area only.

h. Fixed-wing aircraft must be tied down when parking.

i. For helicopters, before commencing movement with self-power at stands(NR. 922, 923) adjacent to fixed-wing stand, be sure that fixed-wing aircraft is tied down.

2. Standard Taxi Procedures

Unless otherwise cleared by ATC, the taxi procedures of the aircraft within the Apron are as follows.

a. Departure

1) Fixed-wing aircraft

a) stand → "S" taxilane → TWY "W1" or "W2" → RWY
b) stand → "T" taxilane → TWY "W2" → RWY

2) For helicopter, proceed from the stand to H3 or H4 via "S" taxilane.

Change : Information of item numbers(2.7, 2.8 → 2.8, 2.9).

b. Arrival

1) Fixed-wing aircraft

a) RWY → TWY "W1" → "S" taxilane → TWY "W2" → "T" taxilane → stand
b) RWY → TWY "W2" → "T" taxilane → stand

2) For helicopter, after landing at H3 or H4, proceed to the stand via "S" taxilane.

3. Radio Communication Procedures

Unless otherwise instructed by ATC, all aircraft should change radio frequency as follows.

a. Departure

1) Fixed-wing aircraft shall contact Gimpo Apron(130.875 MHz) on the stand before taxiing and will normally be transferred to Gimpo Tower(118.1 MHz) manually prior to entering TWY "W1" or "W2" for take off.
2) Helicopters shall contact Gimpo Apron(130.875 MHz) on the stand for taxiing and will normally be transferred to Gimpo Tower(118.1 MHz) manually prior to entering "H3" or "H4" for take-off.

b. Arrival

1) Fixed-wing aircraft will normally be transferred from Gimpo Tower(118.1 MHz) to Gimpo Apron(130.875 MHz) manually just after entering "W1" or "W2" TWY for ground taxi.
2) Helicopters will normally be transferred from Gimpo Tower(118.1 MHz) to Gimpo Apron(130.875 MHz) manually prior to entering the taxilane "S" for taxiing, after landing "H3" or "H4".

4. The use of RUN-UP PAD

a. Hour of Operation : Available between 30 minutes after sunrise and 30 minutes before sunset.
b. The use of RUN-UP PAD may be permitted only under prior approval obtained from Gimpo APN.
c. A continuous communication with Gimpo APN shall be maintained while using RUN-UP PAD.
d. No maintenance is permitted on RUN-UP PAD(except compulsory maintenance during RUN-UP).
e. Hover check is not available over RUN-UP PAD.
(But hover check at H3 or H4 will be available under ATC permission below 50 ft.)

5. Restrictions

a. Any helicopter is not allowed to taxi on Taxiway "W2" and taxilane "T".
b. Any helicopter must follow the regular operating hours(within 1 HR/MAX) when using spot NR. 908-2 and spot NR. 909. Layover is not permitted.
c. Any helicopter which are not registered in Gimpo INTL Airport are not allowed to park more than 30 minutes when using ACFT stand NR. 912. Layover is not permitted on the stand.

2.10 The code letter "F" aircraft operating procedures for the usage of the alternate airport(RKSS)

1. Taxiing procedures to and from ACFT stands NR. 121F and 123F for both standard and low visibility operations are as follows :

a. Departure (Refer to RKSS AD 2-20, 2-21, 2-22)

RWY 14R - 121F/123F → P1 → P → G2 → G1
RWY 32L - 121F/123F → P1 → P → B2 → B1

b. Arrival (Refer to RKSS AD 2-20, 2-21, 2-22)

RWY 14R - B1 → B2 → P → P1 → 121F/123F
RWY 32L - G1 → G2 → P → P1 → 121F/123F

2. Restriction

a. Any Aircraft shall not enter TWY "N1(N1-A, N1-B)", while "F" aircraft is occupying "P" TWY.
b. "F" aircraft requires Follow me car service and shall comply with the taxi speed limit 17 kt when taxi on part of "P" TWY from "P6" to "F2".
c. Push-back restriction on ACFT stand NR. 121F : Nose-gear cannot cross over intermediate holding position marking on TWY "R" behind the ACFT stand NR. 123.
d. Push-back restriction on ACFT stand NR. 123F : Nose-gear cannot cross over intermediate holding position marking on TWY "R" behind the ACFT stand NR. 122.
e. The aircraft, the code letter "F", are not able to take-off or land on RWY 14L/32R.

Change : Information of item number(2.9 → 2.10).

2.11 Apron Safety Management

1. Some roadways for GSE(Ground Service Equipment) vehicle crossing P1, P2, P3 taxilane are marked in the form of zipper.

2. Pilots shall give an extra caution to the vehicles during taxiing because there are roadways for vehicle crossing R, P1, P2, P3, P4, P5 taxilane in the apron.

3. Some of Code letter B aircraft stands(NR. 502, 503, 506~514) in West Apron don't provide minimum clearance distance(3 m) from apron safety line to tail of an aircraft. Any vehicle, equipment or person should obtain prior clearance from Gimpo APN.

4. Pilots shall perform judgemental oversteering instead of cockpit centerline steering when entering taxilane RD for code letter E aircraft and above.

5. Pilot shall pay extra caution to the vehicles and other aircraft while taxiing in apron area, especially ensuring enough wing-tip clearance.

2.12 Transponder

Pilots should always operate transponders with XPNDR (and AUTO if available) except for parking ACFT on the stands.

3. De-icing operations

3.1 General

1. Prior to de-icing, pilot shall notify AO or GHA to submit the de-icing plan on A-CDM portal(acdm.airport.co.kr) at least 10 minutes before TOBT.

2. De-icing requests and cancellations must be made by the flight crew to Gimpo Apron.

3. ACFT shall taxi with its own engine power and maintain radio communication.

4. De-icing should be conducted within each the apron area(East/Central apron, North apron) where ACFT is located.

5. Detailed de-icing procedures are available on KAC website "Gimpo de-icing procedures".

3.2 De-icing pads

1. East apron : 127, 129, 130 pads
2. Central apron : 133, 134, 140, 27, 28 pads
3. North apron : N1-A, N1-B, 201(201L/R) pads

※ Note : Engine on de-icing available on N1-B pad.

Stand	127, 140, 27, 28, 201R, 201L	Up to code letter "C" possible
	130	Up to code letter "D" possible
	129, 133, 134, 201, N1-A, N1-B	Up to code letter "E" possible

3.3 Aircraft de-icing procedures

1. Submit de-icing plan

a. Pilot shall request to AO or GHA for their intention of de-icing.
b. AO or GHA shall submit de-icing plan on A-CDM portal and confirm the approval of de-icing plan.
c. AO or GHA shall notify pilots about assigned de-icing pads and new TOBT.

2. Request for De-icing

a. Pilot shall get ATC clearance from Gimpo Delivery(121.975 MHz) before request for de-icing to Gimpo De-icing(131.175 MHz).

b. When ready for push-back, contact Gimpo De-icing on TOBT(± 5 minutes) for de-icing request with the following items.

1) Call sign
2) Stand number
3) Assigned de-icing pad

c. If unable to request push-back by TOBT within 5 minutes, Push-back sequence and assigned pad can be changed.

Change : Information of item numbers(2.10, 2.11 → 2.11, 2.12).

3. Taxi to de-icing pad

a. Contact Gimpo Apron(130.875 MHz) for start up or push-back if instructed by Gimpo De-icing.
b. Request taxi instruction to assigned de-icing pad.
c. If de-icing pad is assigned in duplicate with other ACFT, sequence can be adjusted according to the TOBT.

4. Commence de-icing

Maintain radio communication with GHA and monitor Gimpo Apron during de-icing.

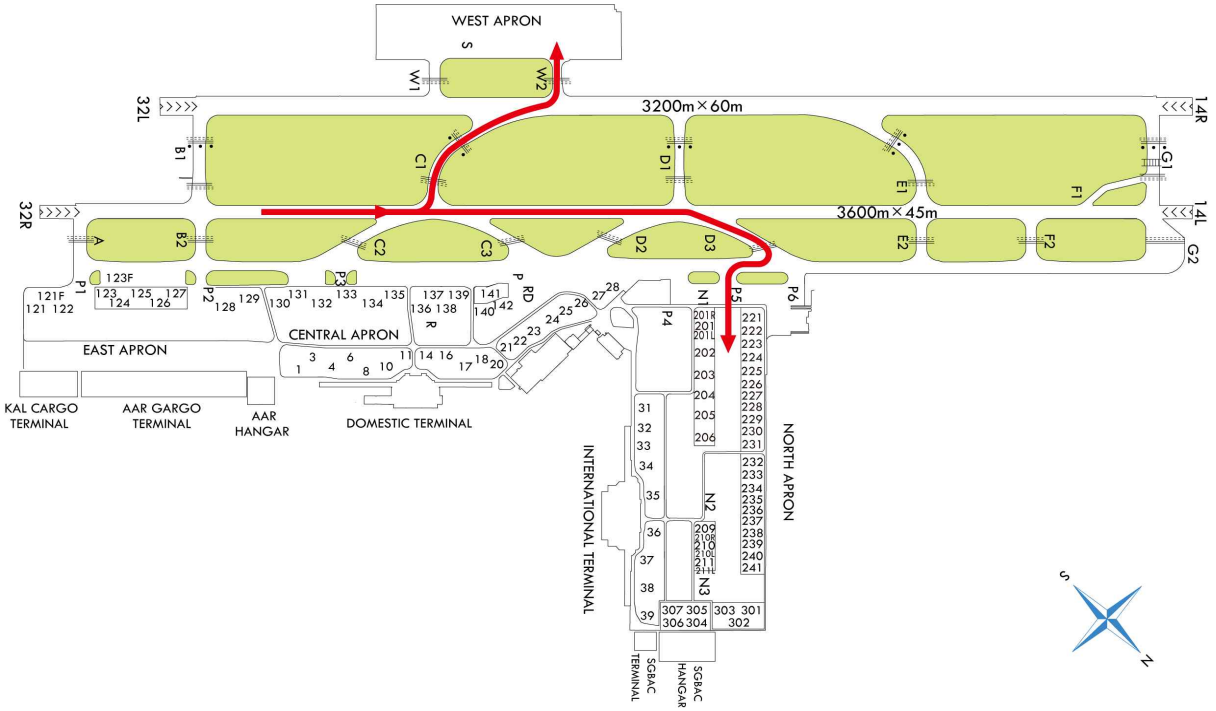
5. Complete de-icing

Once de-icing is completed, contact Gimpo Apron for request for engine start up.
(If necessary, request for push-back.)

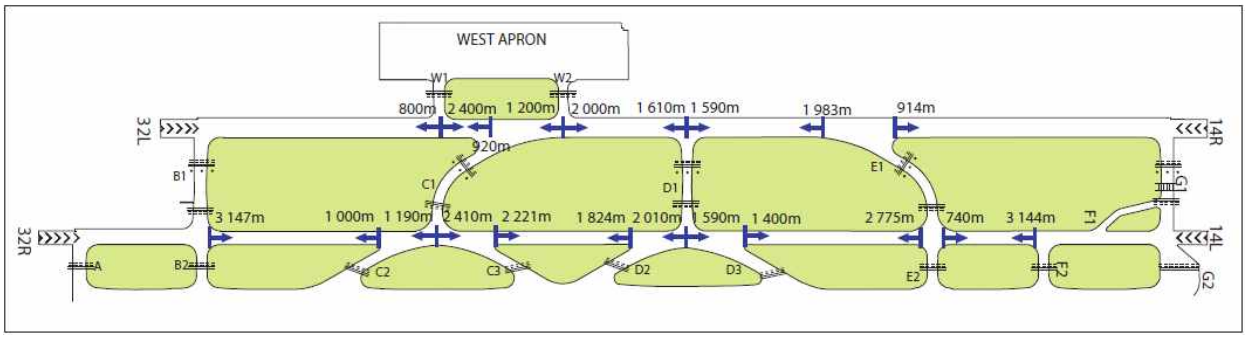
※ Note :
a. Flight crews shall monitor appropriate frequency and maintain radio communication, otherwise de-icing sequence can be changed.
b. This procedure can be changed by Gimpo Apron depending on the volume of de-icing traffic.

Step	FREQ	Call Sign	Procedure
Submit De-icing plan	Company FREQ	-	- Pilot request AO/GHA to submit de-icing plan for assignment of de-icing pad. - AO/GHA submit de-icing plan on A-CDM portal at least 10 minutes before TOBT.
↓		↓	
Receive Information	Company FREQ	-	- Receive assigned de-icing pad and new TOBT from AO/GHA.
↓		↓	
Check ATIS	ATIS 126.4 MHz 317.8 MHz	Gimpo INTL Airport	- Check de-icing frequency(131.175 MHz) via ATIS. - If not mentioned on ATIS, contact 130.875 MHz.
↓		↓	
ATC Clearance	121.975 MHz PDC	Gimpo Delivery	- Get ATC clearance from Gimpo Delivery.
↓		↓	
Request De-icing	131.175 MHz	Gimpo De-icing	- When ready for push-back, contact Gimpo De-icing within ± 5 minutes from TOBT. *ex) ABC123, Gate 4, Request De-icing, assigned PAD #99.*
↓		↓	
Taxi to De-icing pad and Commence De-icing	130.875 MHz	Gimpo Apron	- Contact Gimpo Apron(130.875 MHz) for start-up or push-back if instructed by Gimpo De-icing. - Request taxi instruction to assigned de-icing pad. - Maintain radio communication with GHA and monitor Gimpo Apron during de-icing.
↓		↓	
Complete De-icing	130.875 MHz	Gimpo Apron	- After completing de-icing, request engine start-up. (If necessary, push back.)

3) RWY 32R



6.1 Remainder distance for intersection departure



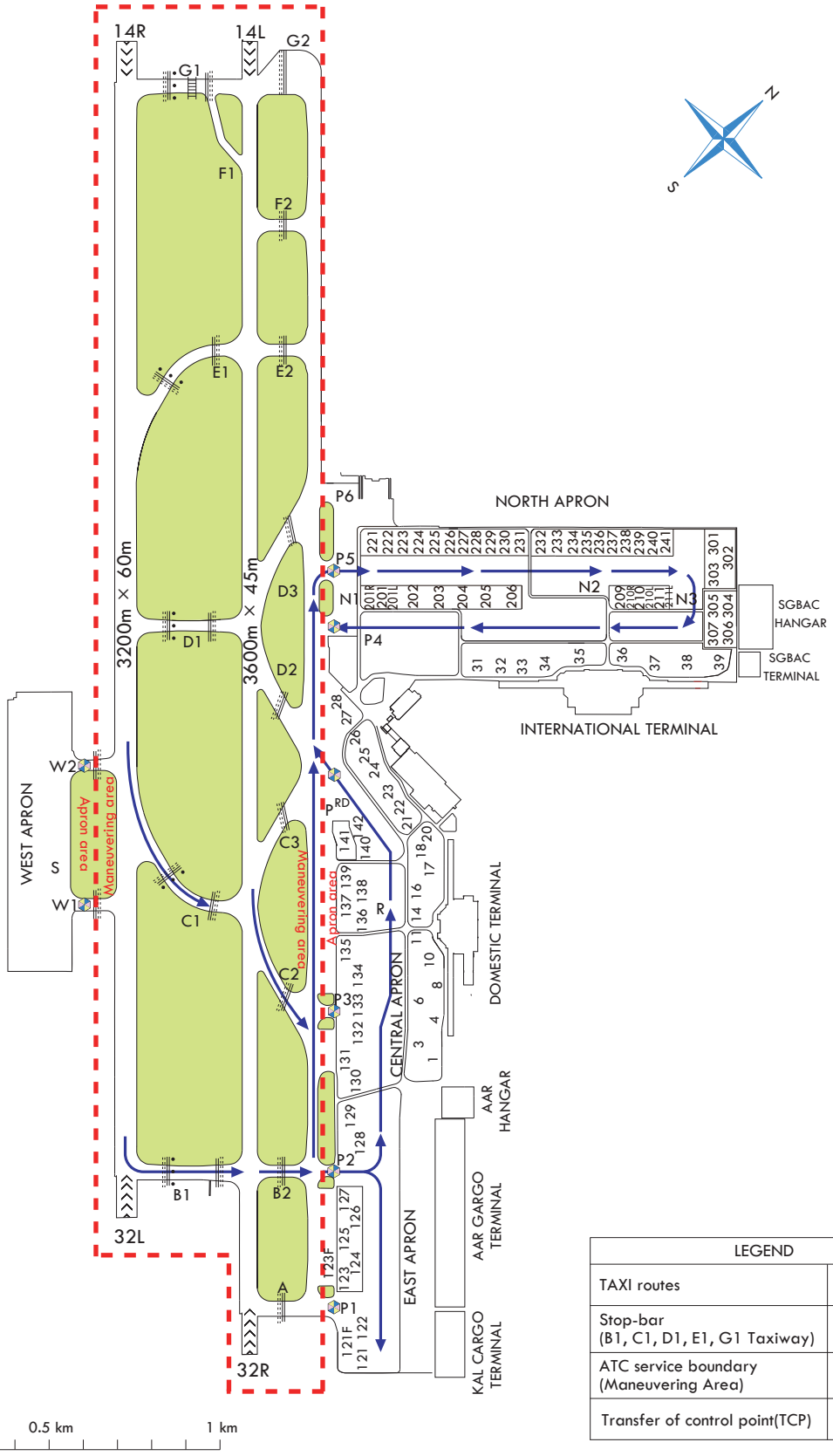
LOW VISIBILITY PROCEDURE

AERODROME ELEV **18** m

GIMPO	TWR	118.1
GIMPO	GND	121.9
GIMPO	APN	130.875

SEOUL/Gimpo INTL
RWY 14R
SMGCS - Arrival taxi route

NOT AVAILABLE for Code Letter "F" aircraft



LEGEND	
TAXI routes	←
Stop-bar (B1, C1, D1, E1, G1 Taxiway)	• • •
ATC service boundary (Maneuvering Area)	- - - -
Transfer of control point(TCP)	

Change : Withdrawal of SMCGS arrival taxi route for RWY 14L.

INTENTIONALLY

LEFT

BLANK

Change : Withdrawal of SMGCS arrival taxi route for RWY 32R/L.

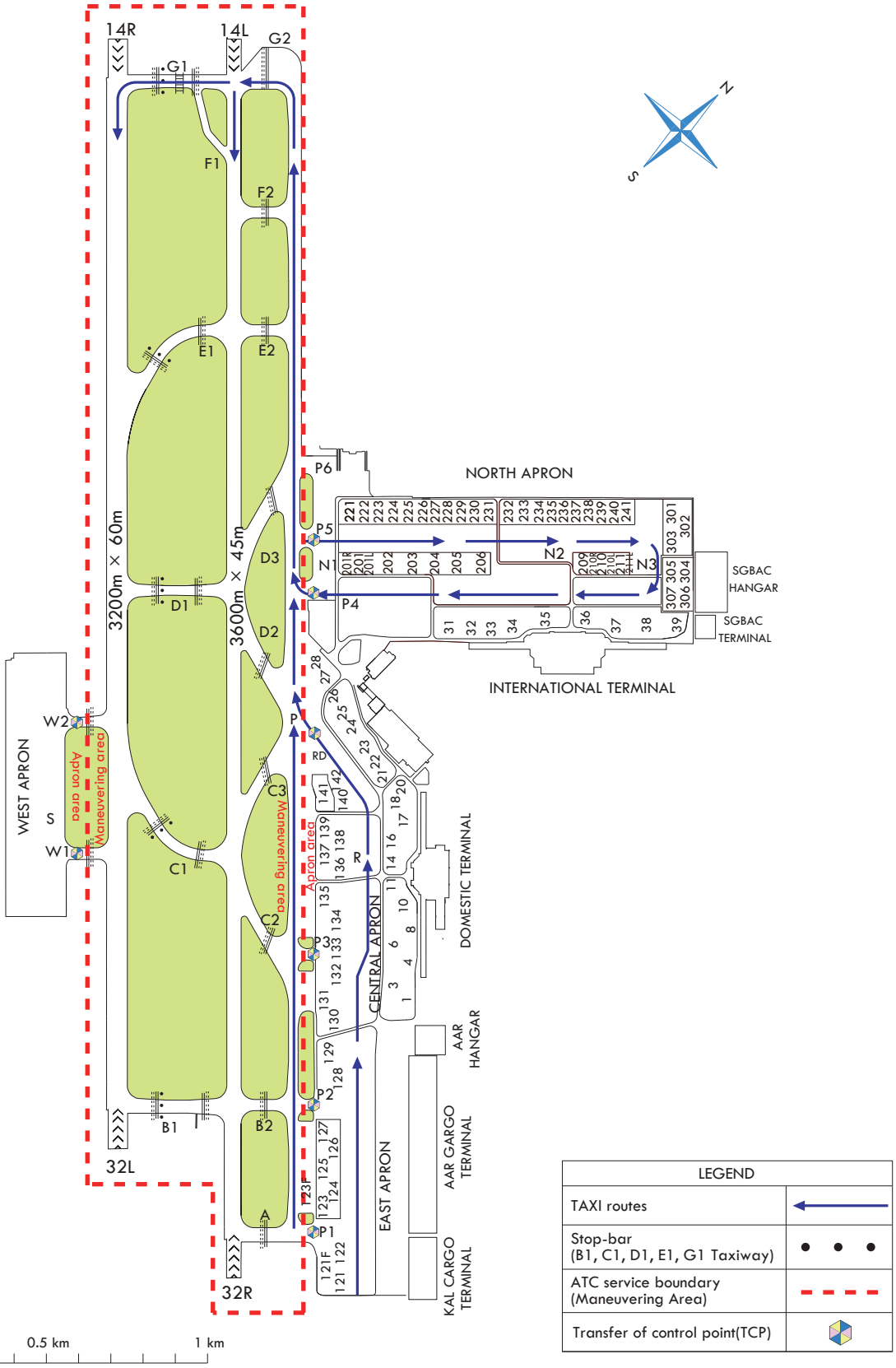
LOW VISIBILITY PROCEDURE

AERODROME ELEV **18** m

GIMPO	TWR	118.1
GIMPO	GND	121.9
GIMPO	APN	130.875

SEOUL/Gimpo INTL
RWY 14R/L
SMGCS - Departure taxi route

NOT AVAILABLE for Code Letter "F" aircraft



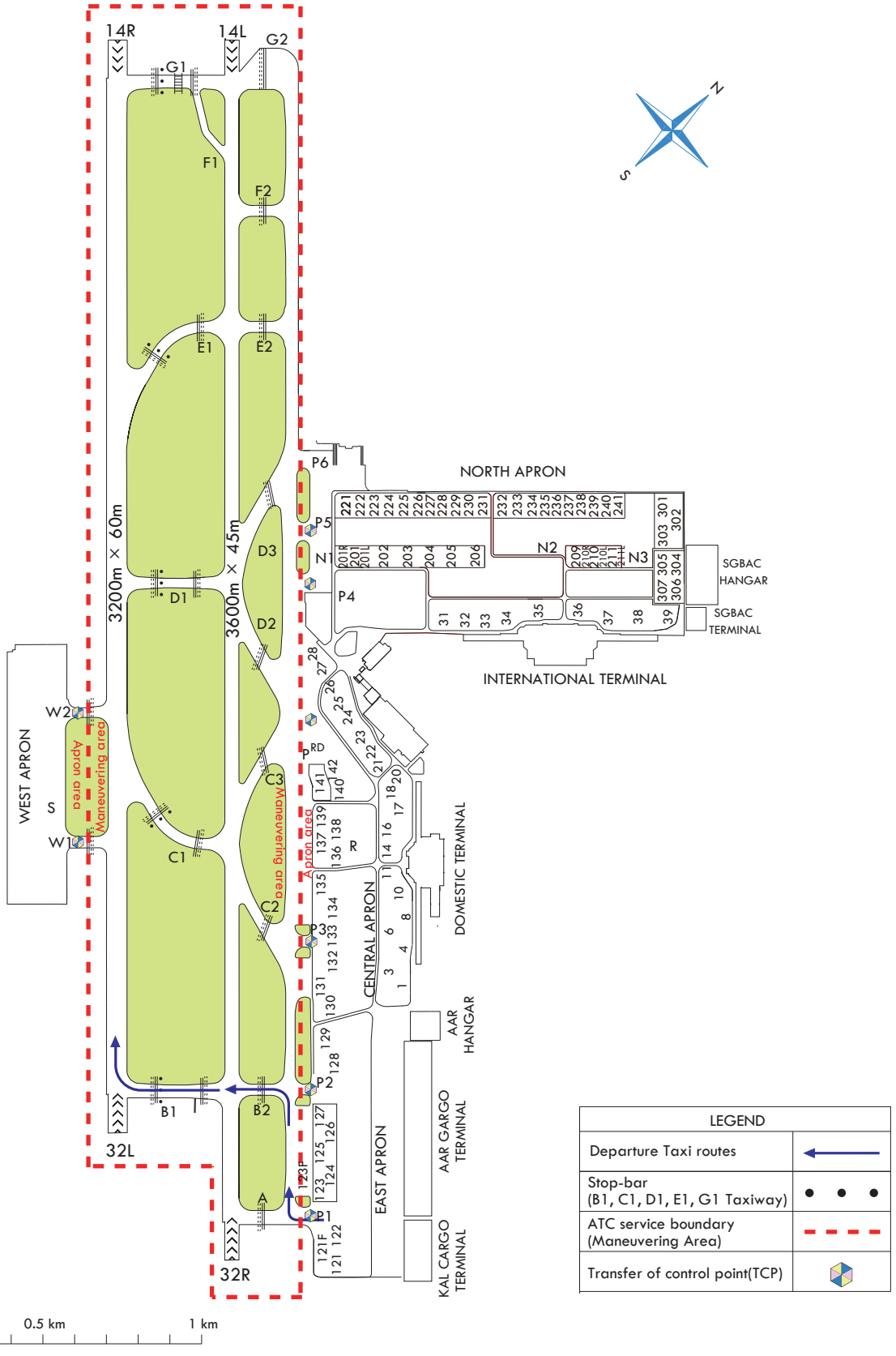
LOW VISIBILITY PROCEDURE

AERODROME ELEV **18** m

GIMPO	TWR	118.1
GIMPO	GND	121.9
GIMPO	APN	130.875

SEOUL/Gimpo INTL
RWY 32L
SMGCS taxi route

AVAILABLE for Code Letter "F" aircraft



Change : Withdrawal of SMGCS arrival taxi route for RWY 32L.

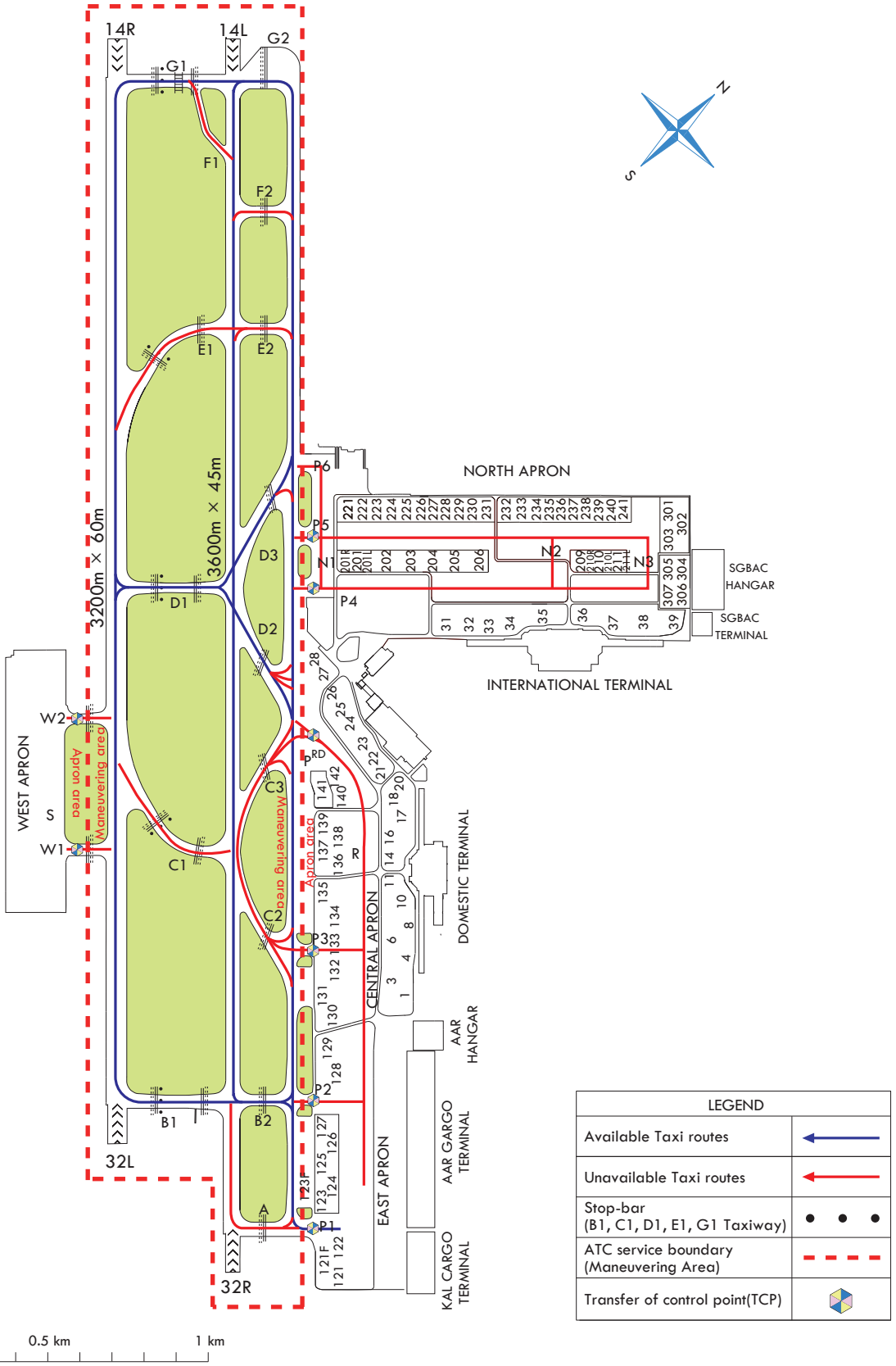
STANDARD PROCEDURE

AERODROME ELEV **18** m

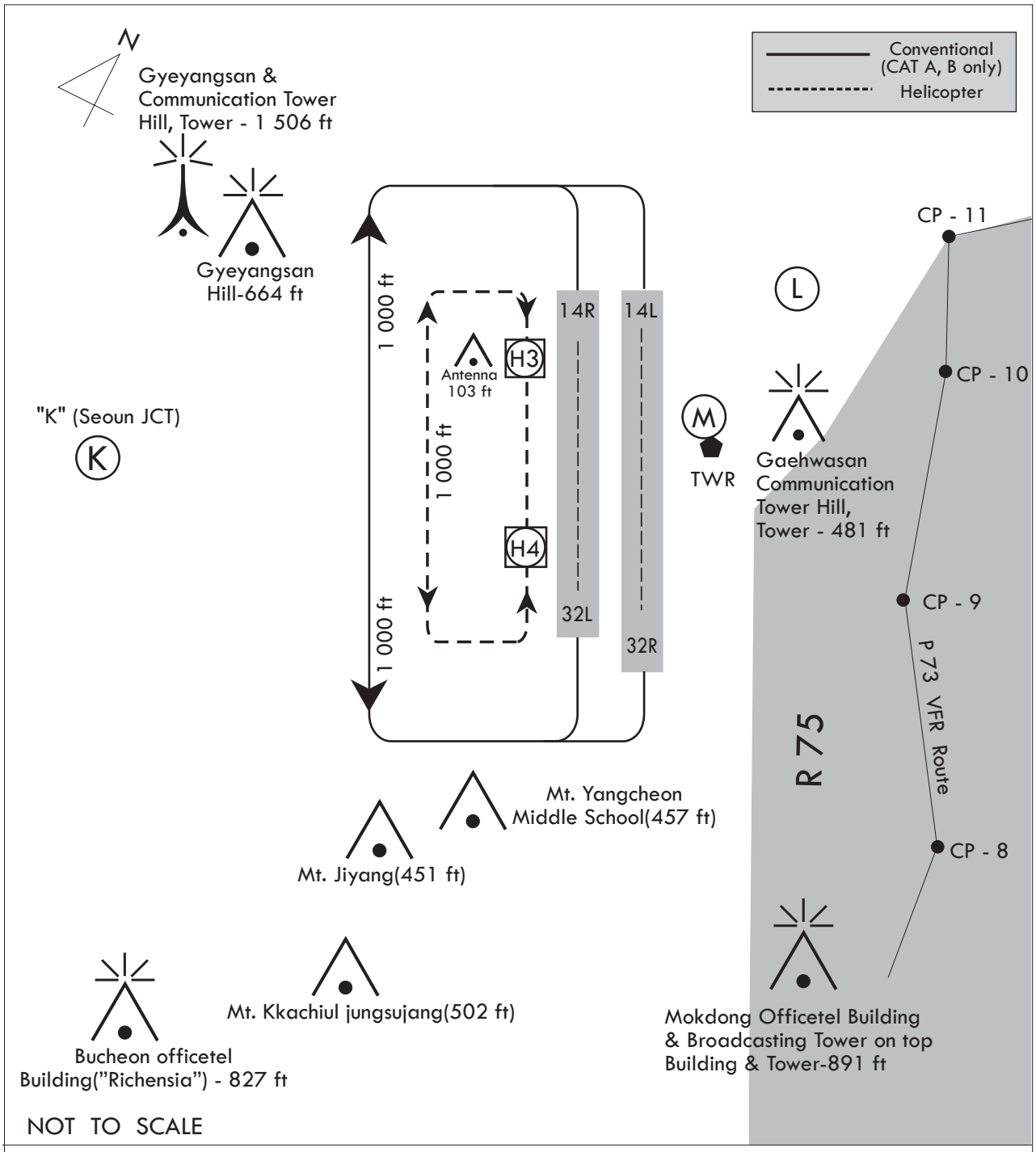
GIMPO	TWR	118.1
GIMPO	GND	121.9
GIMPO	APN	130.875

SEOUL/Gimpo INTL
"F" aircraft Available taxi route

AVAILABLE for Code Letter "F" aircraft



VFR Traffic Circuits - Gimpo INTL Airport



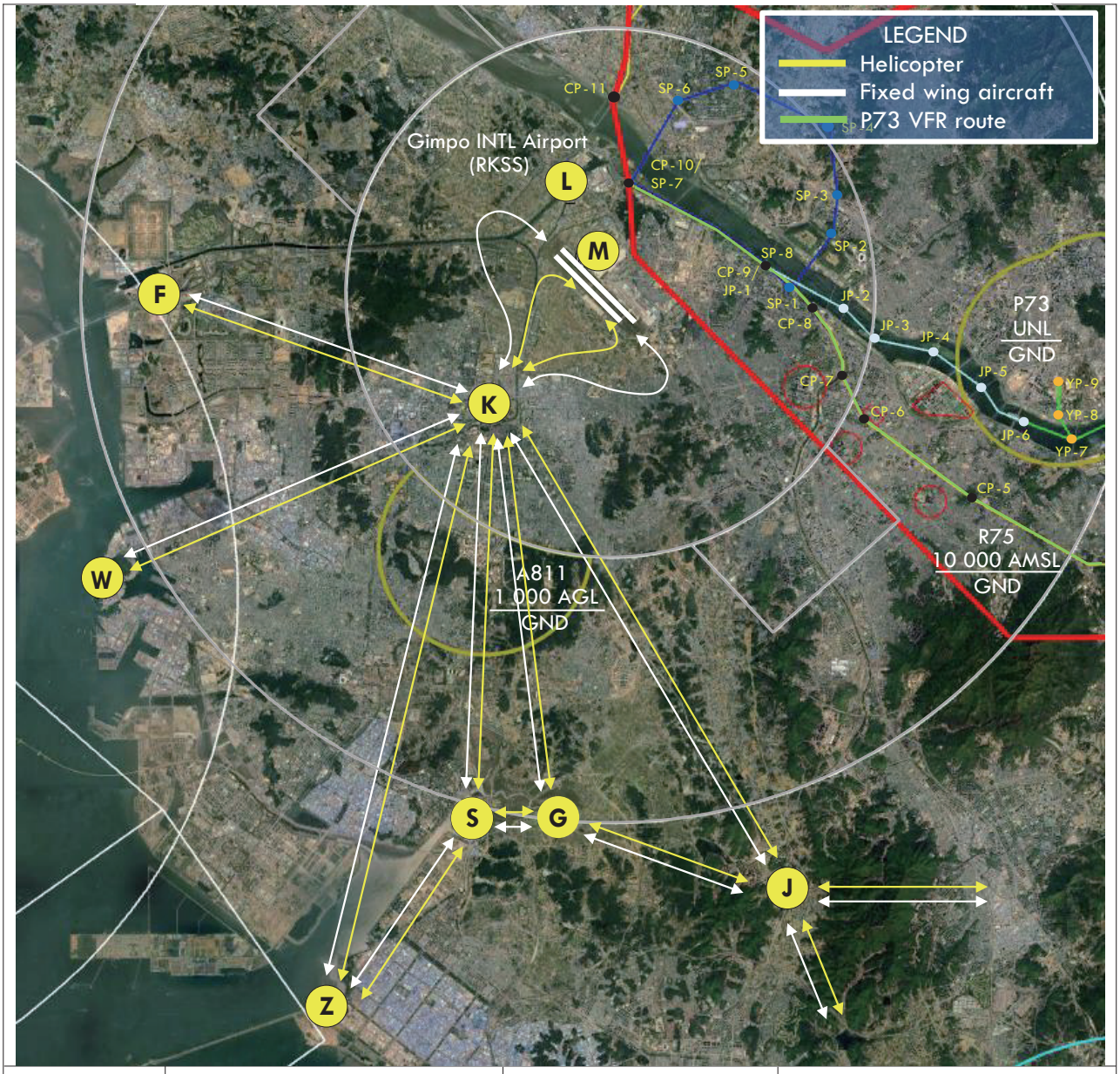
Note

1. Obstacle protected areas for these traffic patterns conform with the areas at the ENR 1.5 Holding, Approach and Departure Procedures' 2.4 PANS-OPS Visual Manoeuvering Areas.

2. All Helicopters (VFR or SVFR) Arriving and departing at H3 in Gimpo Airport should avoid the HF antenna(103 ft).

3. When a helicopter holds over 'M' point, maintain altitude at or below 300 ft.

VFR REPORTING POINTS INFORMATION



Reporting Point	*Geographical Name*	*Position*	*Coordinates(WGS-84)*
F	북인천 IC(Buk-Incheon IC)	10.3 NM NE of Incheon (R 277 KIP/D8.2)	373319N 1263713E
G	생태공원(Eco Park)	10.0 NM S of Gimpo (R 194 KIP/D9.8)	372338N 1264622E
J	조남JCT(Jonam JCT)	11.7 NM SSE of Gimpo (R 169 KIP/D12)	372213N 1265206E
K	서운분기점(Seoun JCT)	3.0 NM SW of Gimpo (R 231 KIP/D3)	373125N 1264506E
L	김포아라대교 (Gimpoara Bridge)	2.2 NM N of Gimpo (R 358 KIP/D2.1)	373533N 1264700E
M	김포공항북측농경지 (North farmland of Gimpo airport)	0.7 NM NNE of Gimpo (R 014 KIP/D0.7)	373408N 1264737E
S	소래(Sorae)	10.0 NM SSW of Gimpo (R 201 KIP/D10)	372340N 1264439E
W	월미도(Wolmido)	10.9 NM WSW of Gimpo (R 248 KIP/D10.8)	372810N 1263553E
Z	시화방조제(Sihwa Breakwater)	14.2 NM SW of Gimpo (R 200 KIP/D14.3)	372000N 1264120E

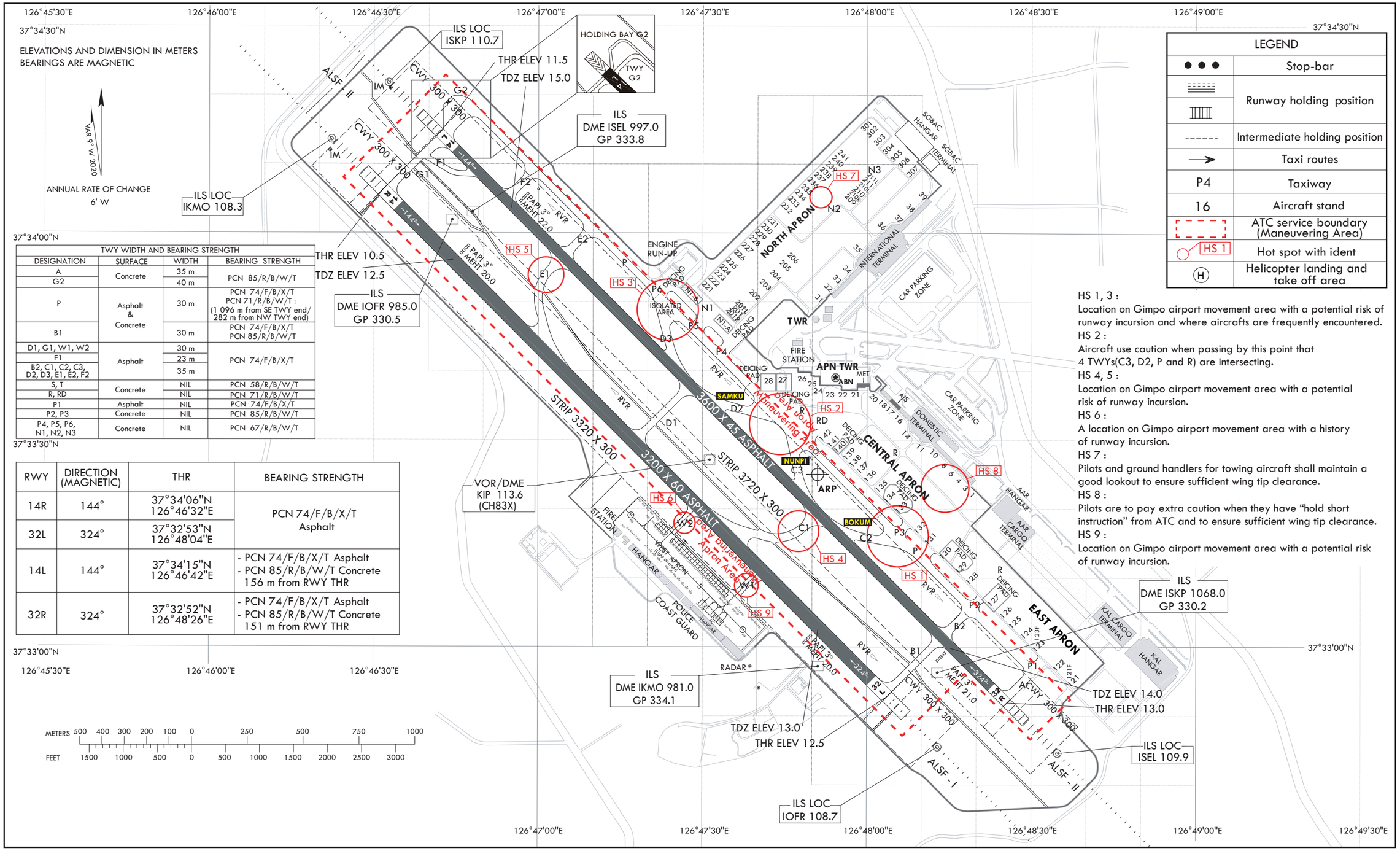
Change : Establishment of VFR reporting point G.

AERODROME CHART - ICAO

37°33'25"N
126°47'51"E

ELEV **18** m

TWR	118.05	118.1	240.9
GND	121.9	121.95	
APN	129.525	130.875	131.175



TWY WIDTH AND BEARING STRENGTH			
DESIGNATION	SURFACE	WIDTH	BEARING STRENGTH
A	Concrete	35 m	PCN 85/R/B/W/T
G2		40 m	
P	Asphalt & Concrete	30 m	PCN 74/F/B/X/T PCN 71/R/B/W/T : (1 096 m from SE TWY end/ 282 m from NW TWY end)
B1		30 m	PCN 74/F/B/X/T PCN 85/R/B/W/T
D1, G1, W1, W2	Asphalt	30 m	PCN 74/F/B/X/T
F1		23 m	
B2, C1, C2, C3, D2, D3, E1, E2, F2		35 m	
S, T	Concrete	NIL	PCN 58/R/B/W/T
R, RD		NIL	PCN 71/R/B/W/T
P1	Asphalt	NIL	PCN 74/F/B/X/T
P2, P3	Concrete	NIL	PCN 85/R/B/W/T
P4, P5, P6, N1, N2, N3	Concrete	NIL	PCN 67/R/B/W/T

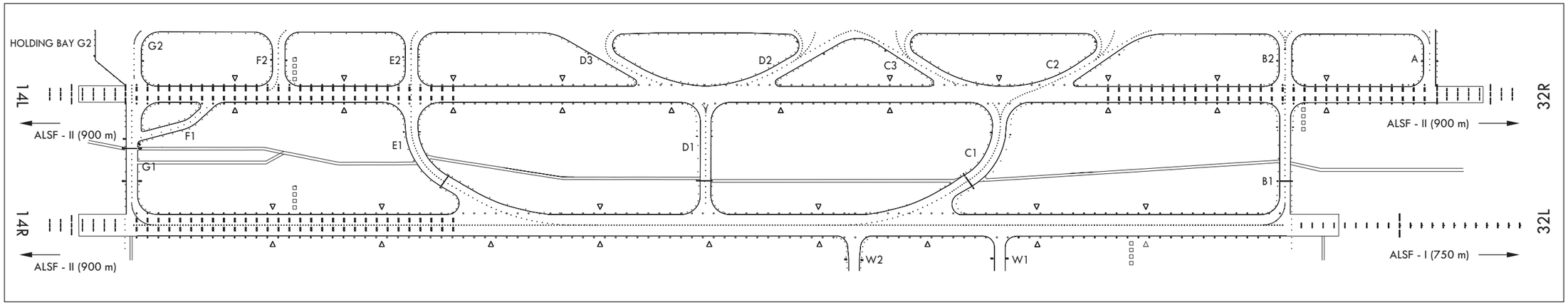
RWY	DIRECTION (MAGNETIC)	THR	BEARING STRENGTH
14R	144°	37°34'06"N 126°46'32"E	PCN 74/F/B/X/T Asphalt
32L	324°	37°32'53"N 126°48'04"E	
14L	144°	37°34'15"N 126°46'42"E	- PCN 74/F/B/X/T Asphalt - PCN 85/R/B/W/T Concrete 156 m from RWY THR
32R	324°	37°32'52"N 126°48'26"E	- PCN 74/F/B/X/T Asphalt - PCN 85/R/B/W/T Concrete 151 m from RWY THR

LEGEND	
● ● ●	Stop-bar
	Runway holding position
------	Intermediate holding position
→	Taxi routes
P4	Taxiway
16	Aircraft stand
	ATC service boundary (Maneuvering Area)
HS 1	Hot spot with ident
(H)	Helicopter landing and take off area

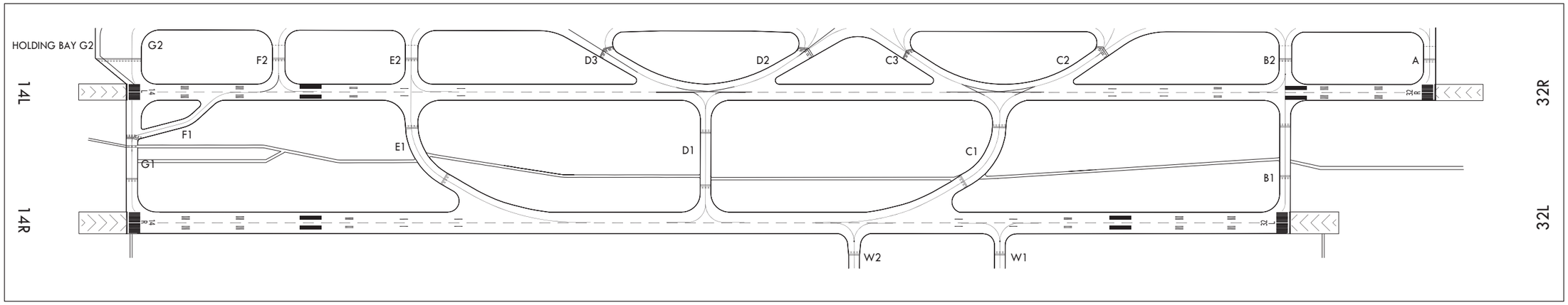
HS 1, 3 :
Location on Gimpo airport movement area with a potential risk of runway incursion and where aircrafts are frequently encountered.
HS 2 :
Aircraft use caution when passing by this point that 4 TWYs(C3, D2, P and R) are intersecting.
HS 4, 5 :
Location on Gimpo airport movement area with a potential risk of runway incursion.
HS 6 :
A location on Gimpo airport movement area with a history of runway incursion.
HS 7 :
Pilots and ground handlers for towing aircraft shall maintain a good lookout to ensure sufficient wing tip clearance.
HS 8 :
Pilots are to pay extra caution when they have "hold short instruction" from ATC and to ensure sufficient wing tip clearance.
HS 9 :
Location on Gimpo airport movement area with a potential risk of runway incursion.

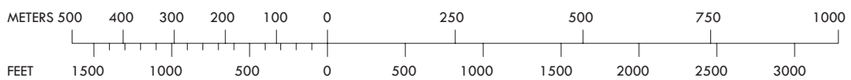
Change : Establishment of designation of intermediate holding positions(BOKUM, NUNPI, SAMKU).

LIGHTING AIDS RWY 14R/32L AND 14L/32R AND EXIT TWY



MARKING AIDS RWY 14R/32L AND 14L/32R AND EXIT TWY





AIRCRAFT PARKING/ DOCKING CHART - ICAO

APRON ELEV	
Central Apron	**16** m
The Other	**13** m

TWR	118.1
GND	121.9
APN	130.875

SEOUL / Gimpo INTL

HS 1, 3 :
Location on Gimpo airport movement area with a potential risk of runway incursion and where aircrafts are frequently encountered.
HS 2 :
Aircraft use caution when passing by this point that 4 TWYs(C3, D2, P and R) are intersecting.
HS 4, 5 :
Location on Gimpo airport movement area with a potential risk of runway incursion.
HS 6 :
A location on Gimpo airport movement area with a history of runway incursion.
HS 7 :
Pilots and ground handlers for towing aircraft shall maintain a good lookout to ensure sufficient wing tip clearance.
HS 8 :
Pilots are to pay extra caution when they have "hold short instruction" from ATC and to ensure sufficient wing tip clearance.
HS 9 :
Location on Gimpo airport movement area with a potential risk of runway incursion.

TWY WIDTH AND BEARING STRENGTH		
DESIGNATION	WIDTH	BEARING STRENGTH
APRON (East, Central)	NIL	PCN 74/F/B/X/T
APRON (North)		PCN 67/R/B/W/T
APRON (West)		PCN 58/R/B/W/T
A	35 m	PCN 85/R/B/W/T
G2	40 m	
P	30 m	PCN 74/F/B/X/T (PCN 71/R/B/W/T : 1 096 m from SE TWY end/ 282 m from NW TWY end
B1	30 m	PCN 74/F/B/X/T PCN 85/R/B/W/T
D1, G1, W1, W2	30 m	PCN 74/F/B/X/T
F1	23 m	
B2, C1, C2, C3, D2, D3, E1, E2, F2	35 m	
S, T	NIL	PCN 58/R/B/W/T
R, RD	NIL	PCN 71/R/B/W/T
P1	NIL	PCN 74/F/B/X/T
P2, P3	NIL	PCN 85/R/B/W/T
P4, P5, P6, N1, N2, N3	NIL	PCN 67/R/B/W/T

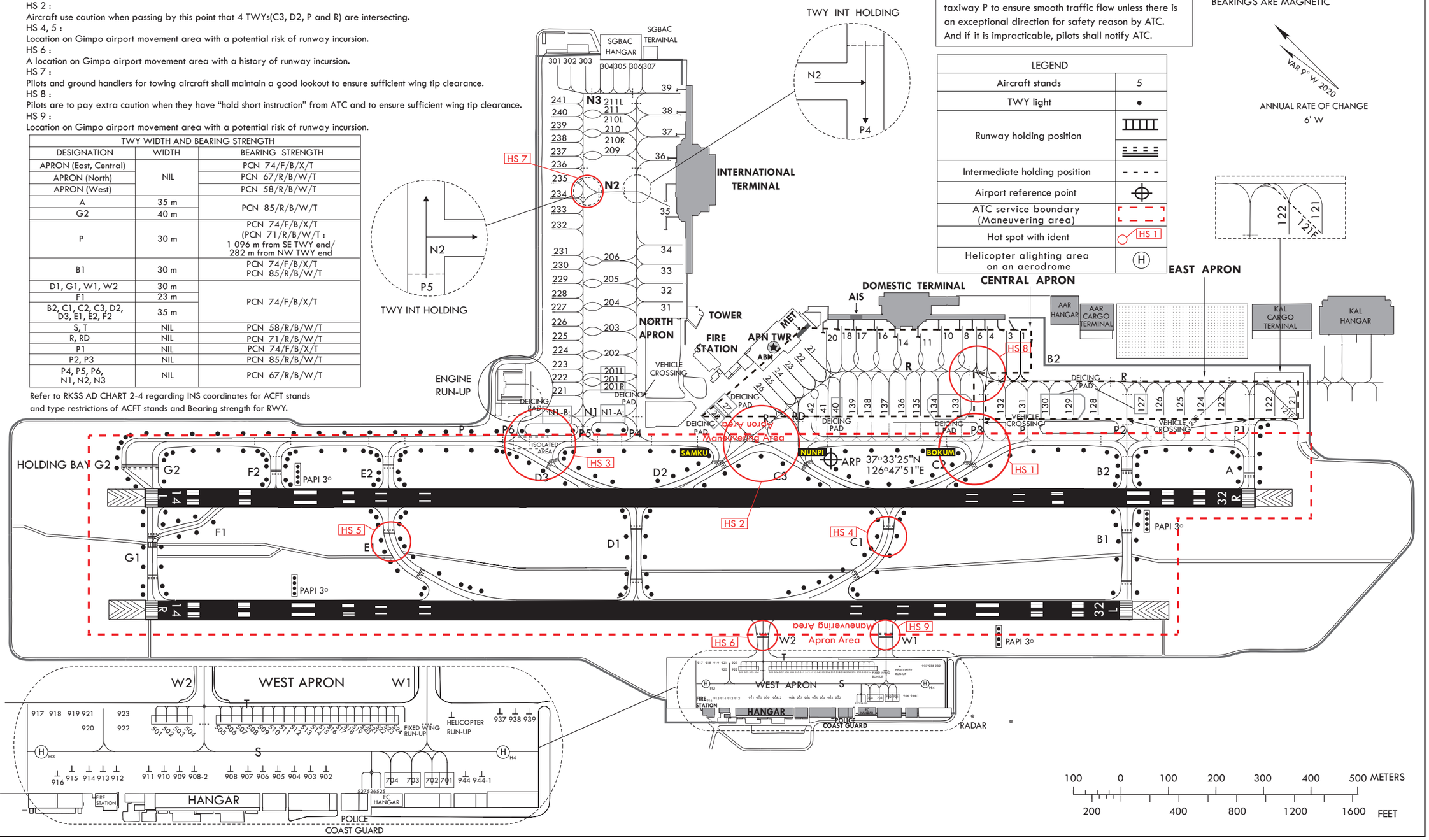
Refer to RKSS AD CHART 2-4 regarding INS coordinates for ACFT stands and type restrictions of ACFT stands and Bearing strength for RWY.

Note 1
All aircraft should taxi at speeds of more than 10 kt on taxiway P to ensure smooth traffic flow unless there is an exceptional direction for safety reason by ATC. And if it is impracticable, pilots shall notify ATC.

ELEVATIONS AND DIMENSION IN METERS
BEARINGS ARE MAGNETIC

VAR 9° W 2020
ANNUAL RATE OF CHANGE
6' W

LEGEND	
Aircraft stands	5
TWY light	●
Runway holding position	
Intermediate holding position	- - - -
Airport reference point	⊕
ATC service boundary (Maneuvering area)	
Hot spot with ident	HS 1
Helicopter alighting area on an aerodrome	Ⓗ



Change : Establishment of designation of intermediate holding positions(BOKUM, NUNPI, SAMKU).

INS COORDINATES FOR AIRCRAFT STANDS (WGS-84)

STAND NR	COORDINATES		STAND NR	COORDINATES		STAND NR	COORDINATES	
1	37°33'21.66"N	126°48'19.06"E	203	37°33'52.36"N	126°47'41.86"E	520	37°33'09.31"N	126°47'31.78"E
3	37°33'22.69"N	126°48'17.76"E	204	37°33'54.02"N	126°47'43.95"E	521	37°33'08.99"N	126°47'32.18"E
4	37°33'23.72"N	126°48'16.46"E	205	37°33'55.68"N	126°47'46.38"E	522	37°33'08.67"N	126°47'32.59"E
6	37°33'24.75"N	126°48'15.17"E	206	37°33'57.40"N	126°47'48.06"E	523	37°33'08.35"N	126°47'32.99"E
8	37°33'26.37"N	126°48'13.90"E	209	37°34'04.65"N	126°47'57.17"E	524	37°33'08.03"N	126°47'33.40"E
10	37°33'28.03"N	126°48'11.82"E	210	37°34'06.31"N	126°47'59.26"E	525	37°33'06.49"N	126°47'28.73"E
11	37°33'28.80"N	126°48'09.44"E	210L	37°34'07.44"N	126°47'59.94"E	526	37°33'06.81"N	126°47'28.33"E
14	37°33'30.53"N	126°48'07.28"E	210R	37°34'06.44"N	126°47'58.69"E	527	37°33'07.13"N	126°47'27.93"E
16	37°33'32.62"N	126°48'06.03"E	211	37°34'07.98"N	126°48'01.35"E	701	37°33'03.90"N	126°47'31.98"E
17	37°33'34.16"N	126°48'03.89"E	211L	37°34'08.44"N	126°48'01.19"E	702	37°33'04.60"N	126°47'31.11"E
18	37°33'35.37"N	126°48'02.21"E	221	37°33'52.40"N	126°47'30.17"E	703	37°33'05.48"N	126°47'30.01"E
20	37°33'36.05"N	126°48'00.62"E	222	37°33'53.40"N	126°47'31.43"E	704	37°33'05.99"N	126°47'29.36"E
21	37°33'36.23"N	126°47'57.36"E	223	37°33'54.40"N	126°47'32.68"E	902	37°33'08.85"N	126°47'27.15"E
22	37°33'36.31"N	126°47'55.39"E	224	37°33'55.34"N	126°47'34.10"E	903	37°33'09.51"N	126°47'26.33"E
23	37°33'36.33"N	126°47'53.74"E	225	37°33'56.34"N	126°47'35.26"E	904	37°33'10.17"N	126°47'25.52"E
24	37°33'36.41"N	126°47'52.04"E	226	37°33'57.34"N	126°47'36.51"E	905	37°33'10.82"N	126°47'24.70"E
25	37°33'36.98"N	126°47'50.47"E	227	37°33'58.34"N	126°47'37.76"E	906	37°33'11.48"N	126°47'23.89"E
26	37°33'37.59"N	126°47'48.82"E	228	37°33'59.33"N	126°47'39.14"E	907	37°33'12.14"N	126°47'23.07"E
27	37°33'39.32"N	126°47'44.18"E	229	37°34'00.33"N	126°47'40.27"E	908	37°33'12.80"N	126°47'22.26"E
28	37°33'39.15"N	126°47'42.44"E	230	37°34'01.33"N	126°47'41.52"E	908-2	37°33'14.20"N	126°47'20.50"E
31	37°33'49.73"N	126°47'49.98"E	231	37°34'02.33"N	126°47'42.77"E	909	37°33'14.88"N	126°47'19.66"E
32	37°33'51.03"N	126°47'51.87"E	232	37°34'04.42"N	126°47'45.40"E	910	37°33'15.53"N	126°47'18.85"E
33	37°33'52.72"N	126°47'53.95"E	233	37°34'05.42"N	126°47'46.66"E	911	37°33'16.17"N	126°47'18.04"E
34	37°33'54.43"N	126°47'56.05"E	234	37°34'06.46"N	126°47'47.84"E	912	37°33'17.41"N	126°47'16.36"E
35	37°33'57.10"N	126°47'57.69"E	235	37°34'07.46"N	126°47'49.97"E	913	37°33'18.00"N	126°47'15.62"E
36	37°34'00.77"N	126°48'02.34"E	236	37°34'08.46"N	126°47'50.35"E	914	37°33'18.59"N	126°47'14.88"E
37	37°34'01.89"N	126°48'05.36"E	237	37°34'09.46"N	126°47'51.60"E	915	37°33'19.20"N	126°47'14.12"E
38	37°34'03.46"N	126°48'07.50"E	238	37°34'10.45"N	126°47'52.85"E	916	37°33'19.62"N	126°47'13.19"E
39	37°34'05.14"N	126°48'09.63"E	239	37°34'11.45"N	126°47'54.11"E	917	37°33'23.13"N	126°47'15.23"E
121	37°32'55.01"N	126°48'37.35"E	240	37°34'12.45"N	126°47'55.36"E	918	37°33'22.39"N	126°47'16.15"E
121F	37°32'54.94"N	126°48'37.21"E	241	37°34'13.45"N	126°47'56.61"E	919	37°33'21.66"N	126°47'17.08"E
122	37°32'56.61"N	126°48'35.34"E	301	37°34'16.95"N	126°48'01.57"E	920	37°33'20.47"N	126°47'17.06"E
123	37°33'00.19"N	126°48'30.72"E	302	37°34'15.20"N	126°48'02.18"E	921	37°33'21.06"N	126°47'17.80"E
123F	37°33'01.94"N	126°48'28.35"E	303	37°34'14.20"N	126°48'03.43"E	922	37°33'19.00"N	126°47'18.91"E
124	37°33'01.72"N	126°48'28.74"E	304	37°34'13.71"N	126°48'05.17"E	923	37°33'19.59"N	126°47'19.65"E
125	37°33'03.25"N	126°48'26.78"E	305	37°34'12.14"N	126°48'06.34"E	937	37°33'03.92"N	126°47'39.23"E
126	37°33'04.80"N	126°48'24.83"E	306	37°34'11.15"N	126°48'07.76"E	938	37°33'03.37"N	126°47'39.92"E
127	37°33'06.03"N	126°48'23.26"E	307	37°34'10.69"N	126°48'08.92"E	939	37°33'02.82"N	126°47'40.62"E
128	37°33'09.73"N	126°48'18.72"E	501	37°33'17.86"N	126°47'21.05"E	944	37°33'02.93"N	126°47'34.03"E
129	37°33'11.55"N	126°48'16.44"E	502	37°33'17.43"N	126°47'21.57"E	944-1	37°33'01.85"N	126°47'35.40"E
130	37°33'13.42"N	126°48'14.14"E	503	37°33'16.99"N	126°47'22.12"E			
131	37°33'14.99"N	126°48'12.01"E	504	37°33'16.57"N	126°47'22.65"E			
132	37°33'16.61"N	126°48'10.05"E	505	37°33'15.19"N	126°47'24.39"E			
133	37°33'19.96"N	126°48'05.76"E	506	37°33'14.76"N	126°47'24.92"E			
134	37°33'21.63"N	126°48'03.67"E	507	37°33'14.32"N	126°47'25.46"E			
135	37°33'22.97"N	126°48'02.00"E	508	37°33'13.88"N	126°47'26.01"E			
136	37°33'24.37"N	126°48'00.31"E	509	37°33'13.45"N	126°47'26.56"E			
137	37°33'25.52"N	126°47'58.89"E	510	37°33'13.01"N	126°47'27.11"E			
138	37°33'26.65"N	126°47'57.44"E	511	37°33'12.57"N	126°47'27.66"E			
139	37°33'27.66"N	126°47'56.39"E	512	37°33'12.14"N	126°47'28.20"E			
140	37°33'28.81"N	126°47'54.72"E	513	37°33'11.72"N	126°47'28.75"E			
141	37°33'29.57"N	126°47'53.35"E	514	37°33'11.29"N	126°47'29.28"E			
142	37°33'30.47"N	126°47'52.15"E	515	37°33'10.91"N	126°47'29.76"E			
201	37°33'48.61"N	126°47'37.13"E	516	37°33'10.59"N	126°47'30.16"E			
201R	37°33'48.36"N	126°47'36.13"E	517	37°33'10.27"N	126°47'30.57"E			
201L	37°33'49.37"N	126°47'37.40"E	518	37°33'09.95"N	126°47'30.97"E			
202	37°33'50.75"N	126°47'39.70"E	519	37°33'09.63"N	126°47'31.38"E			

RWY	DIRECTION (MAGNETIC)	THR (WGS-84)	BEARING STRENGTH
14R	144°	37°34'06"N 126°46'32"E	PCN 74/F/B/X/T Asphalt
32L	324°	37°32'53"N 126°48'04"E	
14L	144°	37°34'15"N 126°46'42"E	PCN 74/F/B/X/T Asphalt PCN 85/R/B/W/T Concrete 156 m from RWY THR
32R	324°	37°32'52"N 126°48'26"E	PCN 74/F/B/X/T Asphalt PCN 85/R/B/W/T Concrete 151 m from RWY THR
APRONS		East & Central	PCN 74/F/B/X/T
		North	PCN 67/R/B/W/T
		West	PCN 58/R/B/W/T

STANDS NUMBER	AIRCRAFT TYPE
121F, 123F	A380-800, B747-8
10, 16, 32, 33, 34, 37, 39, 133, 134	A340-600, B747-400
201, 202, 204, 205, 206, 209, 210, 211	B747-400, B777-300
128, 129, 131, 203	B747-400
35	B747-400, A330
38	B777-300
8	B777-200, A330-300
124, 125	B777-200
132	B747-400, B777-200
121, 17	B777-200, A330-300
14	B767-300, A300-600
36, 126, 130, 137	B767-300
123, 127, 135, 136, 138, 139	B737-800WL, MD90
211	B737-800W, MD90
201R, 201L, 210L, 210R, 211L, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241	B737-900SSW, A321
31	B737-900, A321-100
21, 22, 23, 24, 25, 26	B737MAX9, A321NEO
4, 6, 11, 18, 20	B737-900, A321-200
1, 3, 122, 302, 303	B737-900
27, 28, 140, 141, 142, 304, 305, 306, 307	B737MAX8, A321NEO
301	GLF4

* Code letter "E" aircraft is prohibited to Taxi-out at all aircraft stands.
* Aircraft stands NR. 124-126, 131-134, 137, 201-211 may be used by B767 class (A300-600) ACFT for Nose-in/Taxi-out subject to prior permission from ATC.
* Aircraft stands NR. 123, 127, 135, 136, 138-142, 210L/R and 211L may be used by B737-800WL class (MD-90) ACFT for Nose-in/Taxi-out subject to prior permission from ATC.
* Taxiway intersection markings are provided for 5 places in front of the intersections / junctions on apron taxiway P4 and P5.
* Isolated area : At the intersection of TWY D3 and TWY P.
* De-icing pad : B737-800WL(MD-90) class ACFT - 27, 28, 140, 127 and 201L/R
  B767 class ACFT - 130
  B747 class ACFT - 129, 133, 134, 201 and N1-A, N1-B on the "N1" TWY
* Engine Run-up : Front of "P6" TWY
* Multiple Aircraft Ramp System(MARS) : 121F(121, 122), 123F(123, 124), 201L(201), 201R(201), 210L(210, 211), 210R(210), 211L(211)

Aircraft Classification	Stand		Remarks
	Number	Dimensions(m)	
Helicopter	908-2	19×19	BELL214B-1
	902~908, 909~911	17.8×17.8	MI-2
	912~923, 944, 944-1	16×16	KA32-T
	937~939	15×15	EC-155B1
Fixed-wing	701, 702	25.8×21.4	CN235
	703, 704	20.86×19.61	CL-605
	501, 504, 505, 515~527	9×11	C172R
	502	14.4×16	C550
	503, 506~514	13×16	C-208B

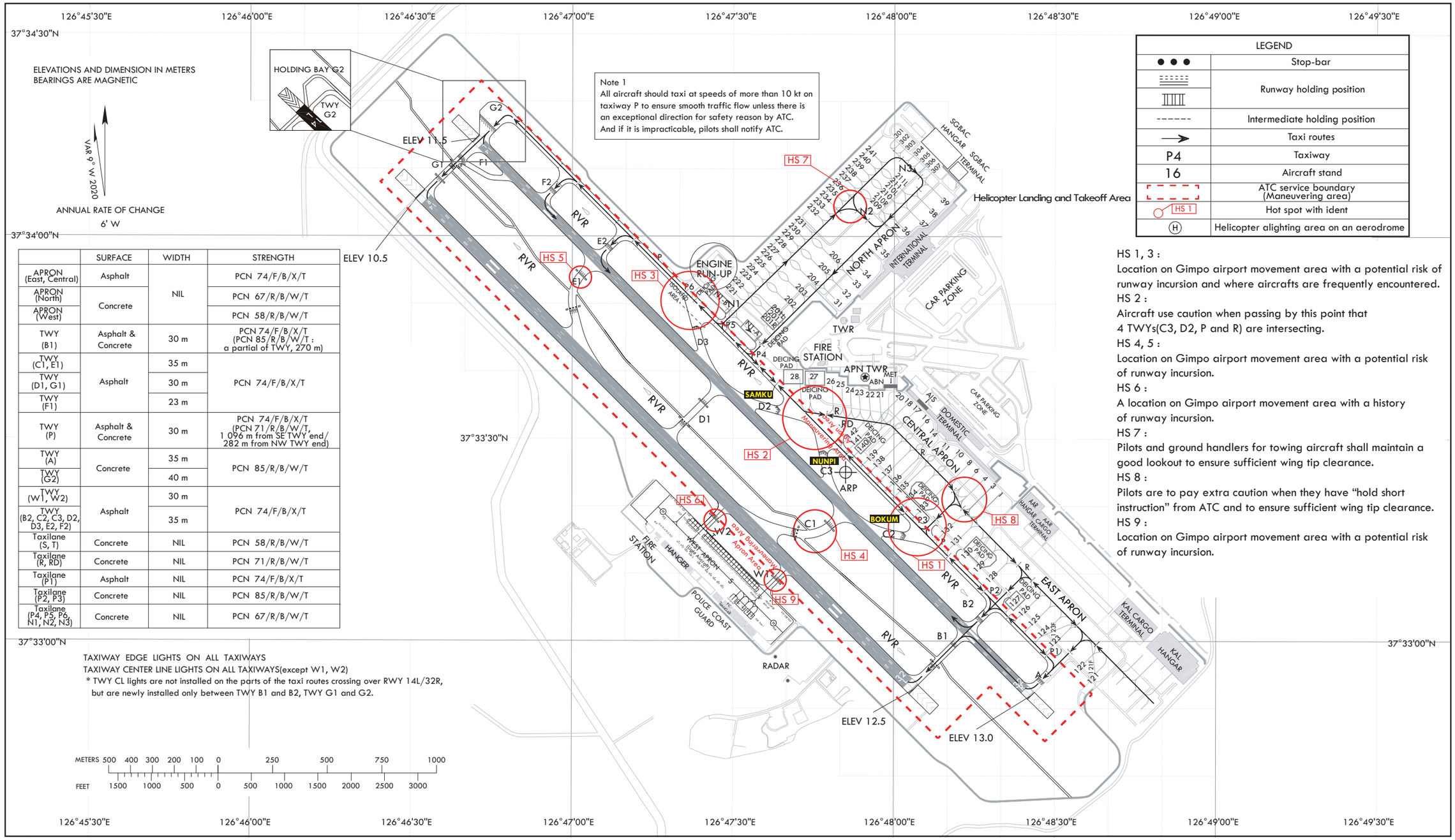
* Dimensions means overall length × width

AERODROME GROUND MOVEMENT CHART - ICAO

CENTRAL APRON ELEV **16 m**
THE OTHER APRON ELEV **13 m**

TWR	118.05	118.1	240.9
GND	121.9	121.95	
APN	129.525	130.875	131.175

SEOUL / Gimpo INTL
RWY 14L/32R
RWY 14R/32L DEPARTURE



	SURFACE	WIDTH	STRENGTH
APRON (East, Central)	Asphalt	NIL	PCN 74/F/B/X/T
APRON (North)	Concrete		PCN 67/R/B/W/T
APRON (West)			PCN 58/R/B/W/T
TWY (B1)	Asphalt & Concrete	30 m	PCN 74/F/B/X/T (PCN 85/R/B/W/T : a partial of TWY, 270 m)
TWY (C1, E1)	Asphalt	35 m	PCN 74/F/B/X/T
TWY (D1, G1)		30 m	
TWY (F1)		23 m	
TWY (P)	Asphalt & Concrete	30 m	PCN 74/F/B/X/T (PCN 71/R/B/W/T, 1 096 m from SE TWY end/ 282 m from NW TWY end)
TWY (A)	Concrete	35 m	PCN 85/R/B/W/T
TWY (G2)		40 m	
TWY (W1, W2)	Asphalt	30 m	PCN 74/F/B/X/T
TWY (B2, C2, C3, D2, D3, E2, F2)		35 m	
Taxilane (S, T)	Concrete	NIL	PCN 58/R/B/W/T
Taxilane (R, RD)	Concrete	NIL	PCN 71/R/B/W/T
Taxilane (P1)	Asphalt	NIL	PCN 74/F/B/X/T
Taxilane (P2, P3)	Concrete	NIL	PCN 85/R/B/W/T
Taxilane (P4, P5, P6, N1, N2, N3)	Concrete	NIL	PCN 67/R/B/W/T

TAXIWAY EDGE LIGHTS ON ALL TAXIWAYS
TAXIWAY CENTER LINE LIGHTS ON ALL TAXIWAYS(except W1, W2)
* TWY CL lights are not installed on the parts of the taxi routes crossing over RWY 14L/32R, but are newly installed only between TWY B1 and B2, TWY G1 and G2.

HS 1, 3 :
Location on Gimpo airport movement area with a potential risk of runway incursion and where aircrafts are frequently encountered.
HS 2 :
Aircraft use caution when passing by this point that 4 TWYs(C3, D2, P and R) are intersecting.
HS 4, 5 :
Location on Gimpo airport movement area with a potential risk of runway incursion.
HS 6 :
A location on Gimpo airport movement area with a history of runway incursion.
HS 7 :
Pilots and ground handlers for towing aircraft shall maintain a good lookout to ensure sufficient wing tip clearance.
HS 8 :
Pilots are to pay extra caution when they have "hold short instruction" from ATC and to ensure sufficient wing tip clearance.
HS 9 :
Location on Gimpo airport movement area with a potential risk of runway incursion.

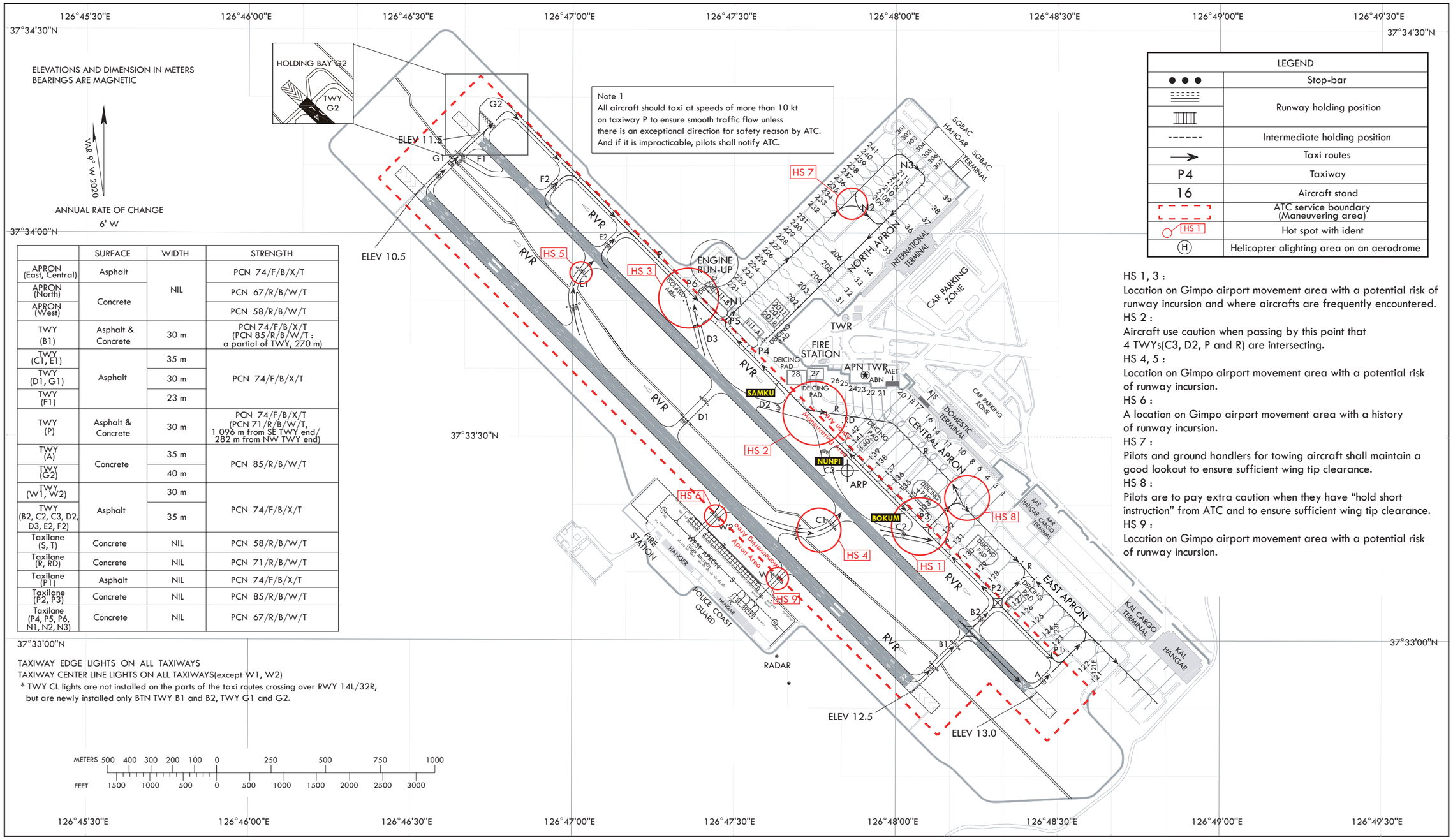
Change : Establishment of designation of intermediate holding positions(BOKUM, NUNPI, SAMKU).

AERODROME GROUND MOVEMENT CHART - ICAO

CENTRAL APRON ELEV **16 m**
THE OTHER APRON ELEV **13 m**

TWR	118.05	118.1	240.9
GND	121.9	121.95	
APN	129.525	130.875	131.175

SEOUL / Gimpo INTL
RWY 14L/32R
RWY 14R/32L ARRIVAL



	SURFACE	WIDTH	STRENGTH
APRON (East, Central)	Asphalt	NIL	PCN 74/F/B/X/T
APRON (North)	Concrete	NIL	PCN 67/R/B/W/T
APRON (West)	Concrete	NIL	PCN 58/R/B/W/T
TWY (B1)	Asphalt & Concrete	30 m	PCN 74/F/B/X/T (PCN 85/R/B/W/T : a partial of TWY, 270 m)
TWY (C1, E1)	Asphalt	35 m	PCN 74/F/B/X/T
TWY (D1, G1)	Asphalt	30 m	PCN 74/F/B/X/T
TWY (F1)	Asphalt	23 m	PCN 74/F/B/X/T
TWY (P)	Asphalt & Concrete	30 m	PCN 74/F/B/X/T (PCN 71/R/B/W/T, 1 096 m from SE TWY end/ 282 m from NW TWY end)
TWY (A)	Concrete	35 m	PCN 85/R/B/W/T
TWY (G2)	Concrete	40 m	PCN 85/R/B/W/T
TWY (W1, W2)	Asphalt	30 m	PCN 74/F/B/X/T
TWY (B2, C2, C3, D2, D3, E2, F2)	Asphalt	35 m	PCN 74/F/B/X/T
Taxilane (S, T)	Concrete	NIL	PCN 58/R/B/W/T
Taxilane (R, RD)	Concrete	NIL	PCN 71/R/B/W/T
Taxilane (P1)	Asphalt	NIL	PCN 74/F/B/X/T
Taxilane (P2, P3)	Concrete	NIL	PCN 85/R/B/W/T
Taxilane (P4, P5, P6, N1, N2, N3)	Concrete	NIL	PCN 67/R/B/W/T

TAXIWAY EDGE LIGHTS ON ALL TAXIWAYS
TAXIWAY CENTER LINE LIGHTS ON ALL TAXIWAYS(except W1, W2)
* TWY CL lights are not installed on the parts of the taxi routes crossing over RWY 14L/32R, but are newly installed only BTN TWY B1 and B2, TWY G1 and G2.

LEGEND	
● ● ●	Stop-bar
	Runway holding position
------	Intermediate holding position
→	Taxi routes
P4	Taxiway
16	Aircraft stand
	ATC service boundary (Maneuvering area)
HS 1	Hot spot with ident
Ⓗ	Helicopter alighting area on an aerodrome

HS 1, 3 :
Location on Gimpo airport movement area with a potential risk of runway incursion and where aircrafts are frequently encountered.
HS 2 :
Aircraft use caution when passing by this point that 4 TWYs(C3, D2, P and R) are intersecting.
HS 4, 5 :
Location on Gimpo airport movement area with a potential risk of runway incursion.
HS 6 :
A location on Gimpo airport movement area with a history of runway incursion.
HS 7 :
Pilots and ground handlers for towing aircraft shall maintain a good lookout to ensure sufficient wing tip clearance.
HS 8 :
Pilots are to pay extra caution when they have "hold short instruction" from ATC and to ensure sufficient wing tip clearance.
HS 9 :
Location on Gimpo airport movement area with a potential risk of runway incursion.

Change : Establishment of designation of intermediate holding positions(BOKUM, NUNPI, SAMKU).

INSTRUMENT APPROACH CHART-ICAO

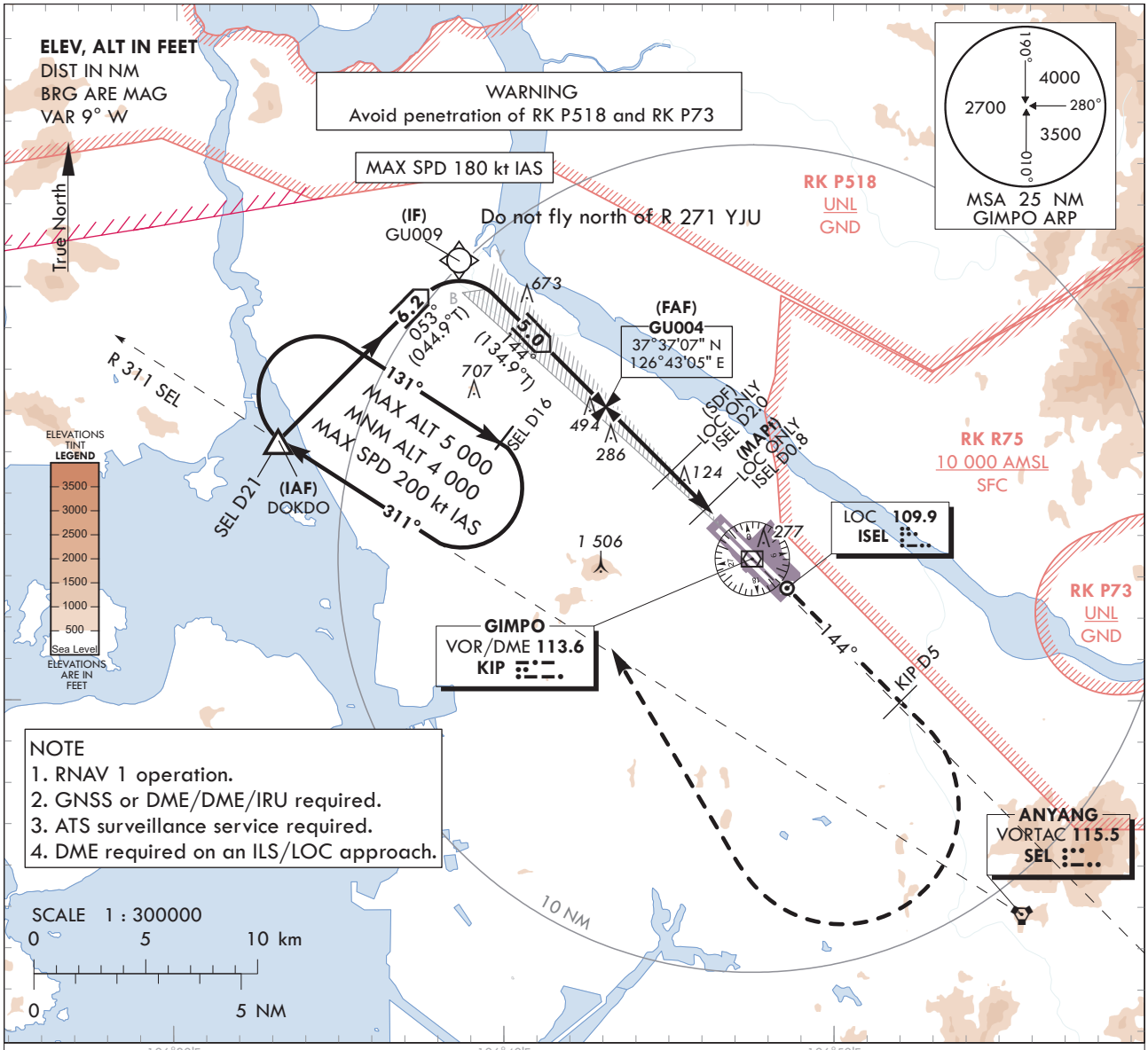
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 14L - ELEV **38** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

ILS Z or LOC Z RWY 14L



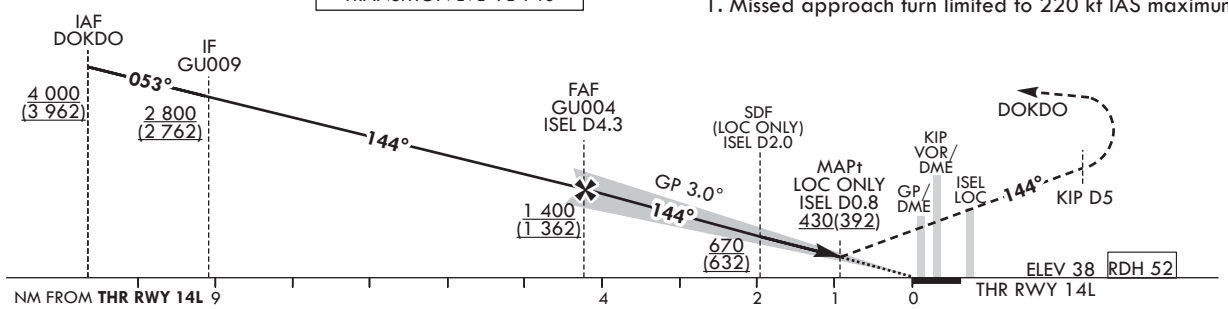
NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. DME required on an ILS/LOC approach.

RECOMMENDED PROFILE	DME ISEL	4	3	2
Final Approach Gradient 5.24%, 318 ft/NM	ALT(HGT)	1 336 (1 298)	1 018 (980)	700 (662)

MISSED APPROACH
Climb to 4 000 ft on HDG 144 to KIP D5 then turn right to intercept and proceed via R 311 SEL to DOKDO. Hold as published.

NOTE
1. Missed approach turn limited to 220 kt IAS maximum.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	238 (200)			
	LOC	430 (392)			

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

SEOUL/Gimpo Intl(RKSS)
ILS Z or LOC Z RWY 14L

AERONAUTICAL DATA TABULATION

ILS/LOC Z Approach to RWY 14L from DOKDO			
Fix / Point		Coordinates	
DOKDO(IAF)		37°36'17.1"N	126°33'07.1"E
GU009(IF)	BRG 53.48°/6.20 NM	37°40'40.0"N	126°38'36.6"E
GU004(FAF)	BRG 143.54°/4.30 NM ISEL	37°37'07.1"N	126°43'04.8"E
D2.0 ISEL (SDF LOC ONLY)	BRG 143.54°/2.00 NM ISEL	37°35'32.2"N	126°45'04.3"E
D0.8 ISEL (MAPt LOC ONLY)	BRG 143.54°/0.80 NM ISEL	37°34'41.1"N	126°46'08.4"E
THR RWY 14L		37°34'14.55"N	126°46'41.80"E
ISEL DME		37°34'03.8"N	126°46'48.1"E
KIP VOR/DME		37°33'27.1"N	126°47'31.3"E
D5 KIP	HDG 144	37°29'58.1"N	126°52'02.1"E
DOKDO	R 311 SEL/21.00 NM	37°36'17.1"N	126°33'07.1"E

INSTRUMENT APPROACH CHART - ICAO

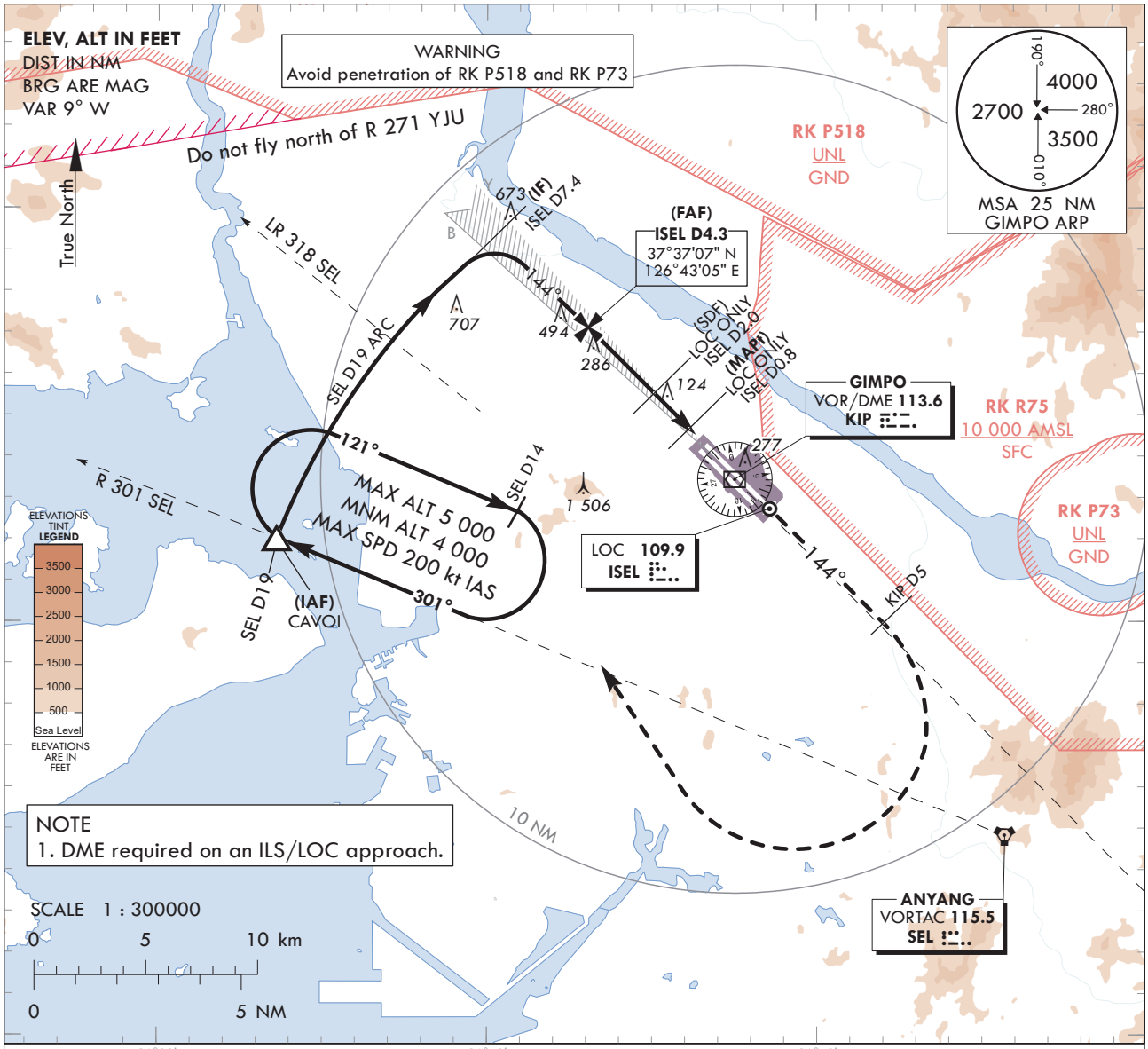
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 14L - ELEV **38** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

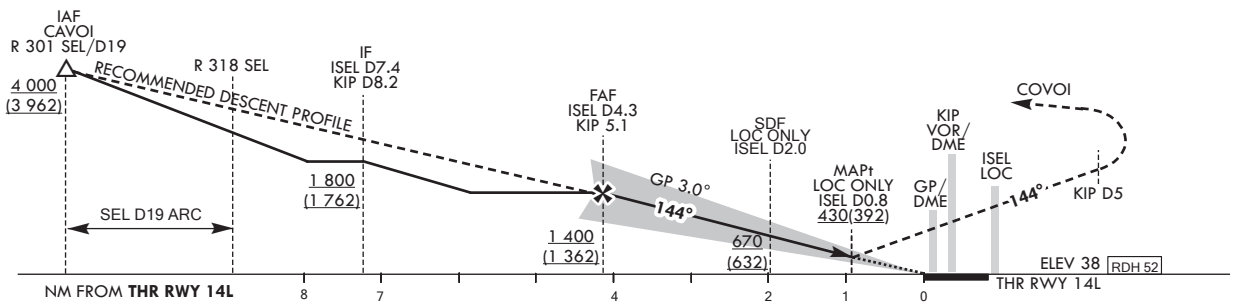
ILS Y or LOC Y RWY 14L



TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE	DME ISEL	4	3	2
Final Approach Gradient 5.24%, 318 ft/NM	ALT(HGT)	1 336 (1 298)	1 018 (980)	700 (662)

NOTE
1. Missed approach turn limited to 220 kt IAS maximum.



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	238 (200)			
	LOC	430 (392)			

MISSED APPROACH
Climb to 4 000 ft on HDG 144 to KIP D5 then turn right to intercept and proceed via R 301 SEL to CAVOI. Hold as published.

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

SEOUL/Gimpo Intl(RKSS)
ILS Y or LOC Y RWY 14L

AERONAUTICAL DATA TABULATION

ILS/LOC Y Approach to RWY 14L from CAVOI			
Fix / Point		Coordinates	
CAVOI(IAF)	R 301 SEL/19.00 NM SEL	37°32'02.0"N	126°33'37.0"E
D7.4 ISEL(IF)	BRG 143.54°/7.40 NM ISEL	37°39'20.6"N	126°40'16.7"E
D4.3 ISEL(FAF)	BRG 143.54°/4.30 NM ISEL	37°37'07.1"N	126°43'04.8"E
D2.0 ISEL (SDF LOC ONLY)	BRG 143.54°/2.00 NM ISEL	37°35'32.2"N	126°45'04.3"E
D0.8 ISEL (MAPt LOC ONLY)	BRG 143.54°/0.80 NM ISEL	37°34'41.1"N	126°46'08.4"E
THR RWY 14L		37°34'14.55"N	126°46'41.80"E
ISEL DME		37°34'03.8"N	126°46'48.1"E
KIP VOR/DME		37°33'27.1"N	126°47'31.3"E
D5 KIP	HDG 144	37°29'58.1"N	126°52'02.1"E
CAVOI	R 301 SEL/19.00 NM	37°32'02.0"N	126°33'37.0"E

INSTRUMENT APPROACH CHART-ICAO

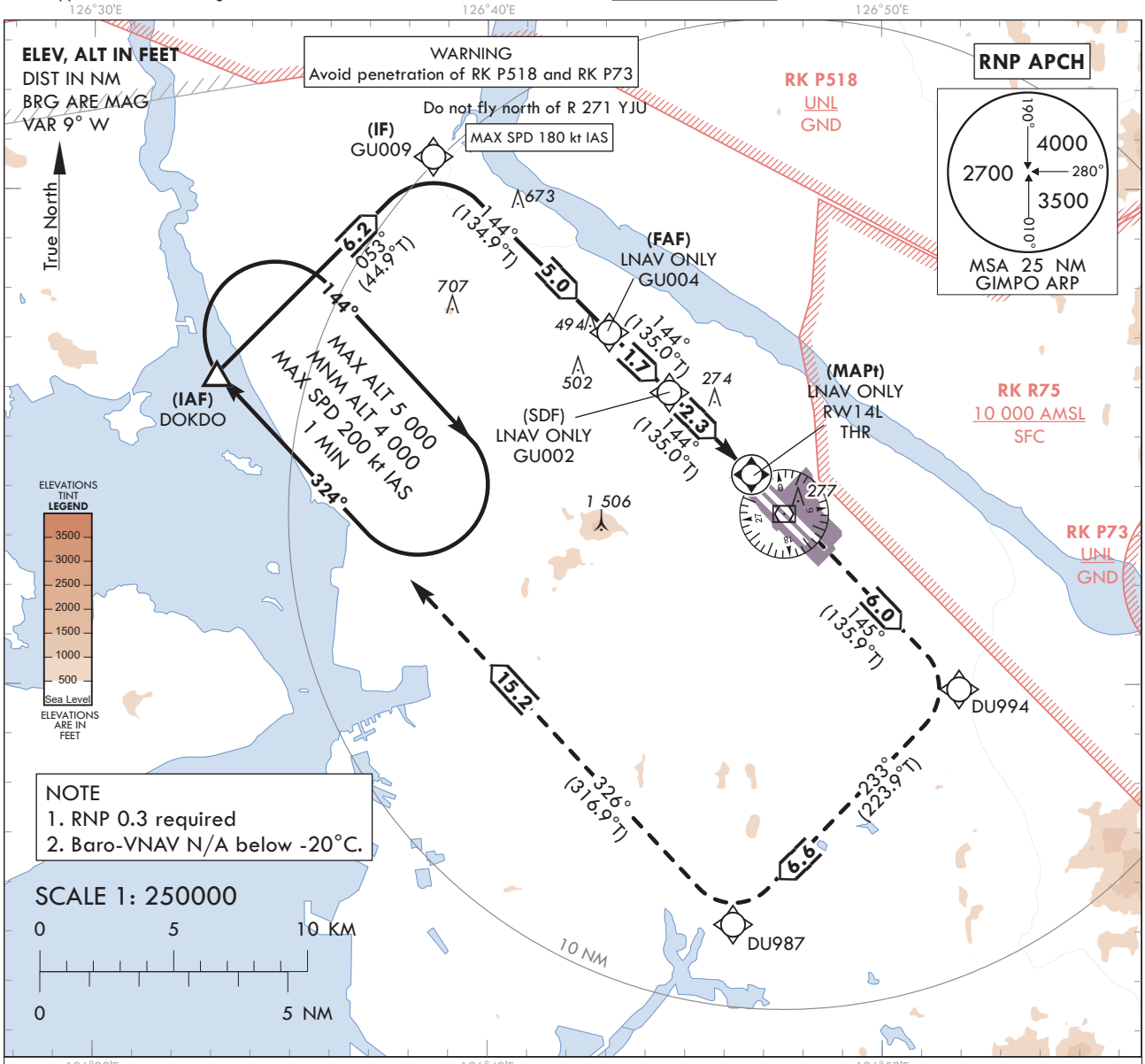
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 14L - ELEV **38** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

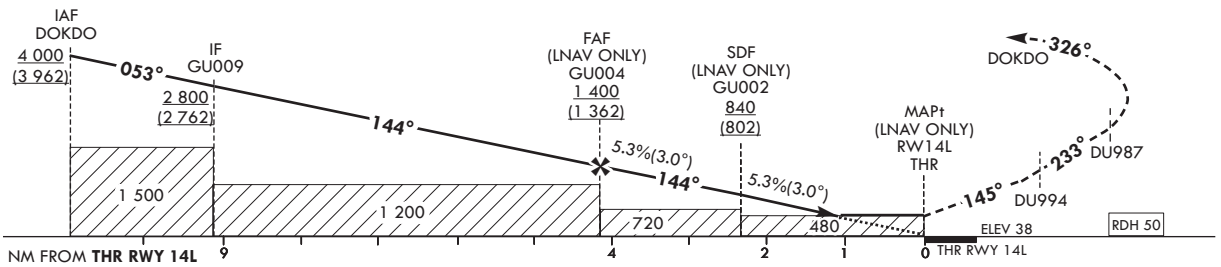
RNP RWY 14L



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 4 000 ft. Track to DU994, DU987 and DOKDO. Hold as pushlished.

NOTE
1.Missed approach turn limited to 220 kt IAS maximum.



OCA (H)		A	B	C	D		Knots	60	90	120	150	180
Straight-in Approach	LNAV/VNAV	450 (412)				Rate of descent	V/V fpm	318	478	637	796	955
	LNAV	480 (442)				*Timing Not authorized for defining MAPt. *Circling Not authorized.						

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 14L

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	DOKDO	-	-	-	-	+4 000	-	37°36'17.1"N 126°33'07.1"E	-	RNP APCH	IAF
002	TF	GU009	-	053 (044.9)	6.2	-	+2 800	-180	37°40'40.0"N 126°38'36.6"E	-	RNP APCH	IF
003	TF	GU004	-	144 (134.9)	5.0	-	+1 400	-	37°37'07.1"N 126°43'04.8"E	-	RNP APCH	FAF
004	TF	GU002	-	144 (135.0)	1.7	-	+840	-	37°35'54.2"N 126°44'36.6"E	-	RNP APCH	SDF
005	TF	RW14L	Y	144 (135.0)	2.3	-	+480	-	37°34'14.55"N 126°46'41.80"E	-3.01/50	RNP APCH	MAPt
006	TF	DU994	-	145 (135.9)	6.0	-	-	-	37°29'54.5"N 126°51'57.6"E	-	RNP APCH	-
007	TF	DU987	-	233 (223.9)	6.6	-	-	-220	37°25'09.3"N 126°46'13.6"E	-	RNP APCH	-
008	TF	DOKDO	Y	326 (316.9)	15.2	-	+4 000	-220	37°36'17.1"N 126°33'07.1"E	-	RNP APCH	-
009	HM	DOKDO	Y	324 (314.9)	-	R	-5 000 +4 000	-200	37°36'17.1"N 126°33'07.1"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART-ICAO

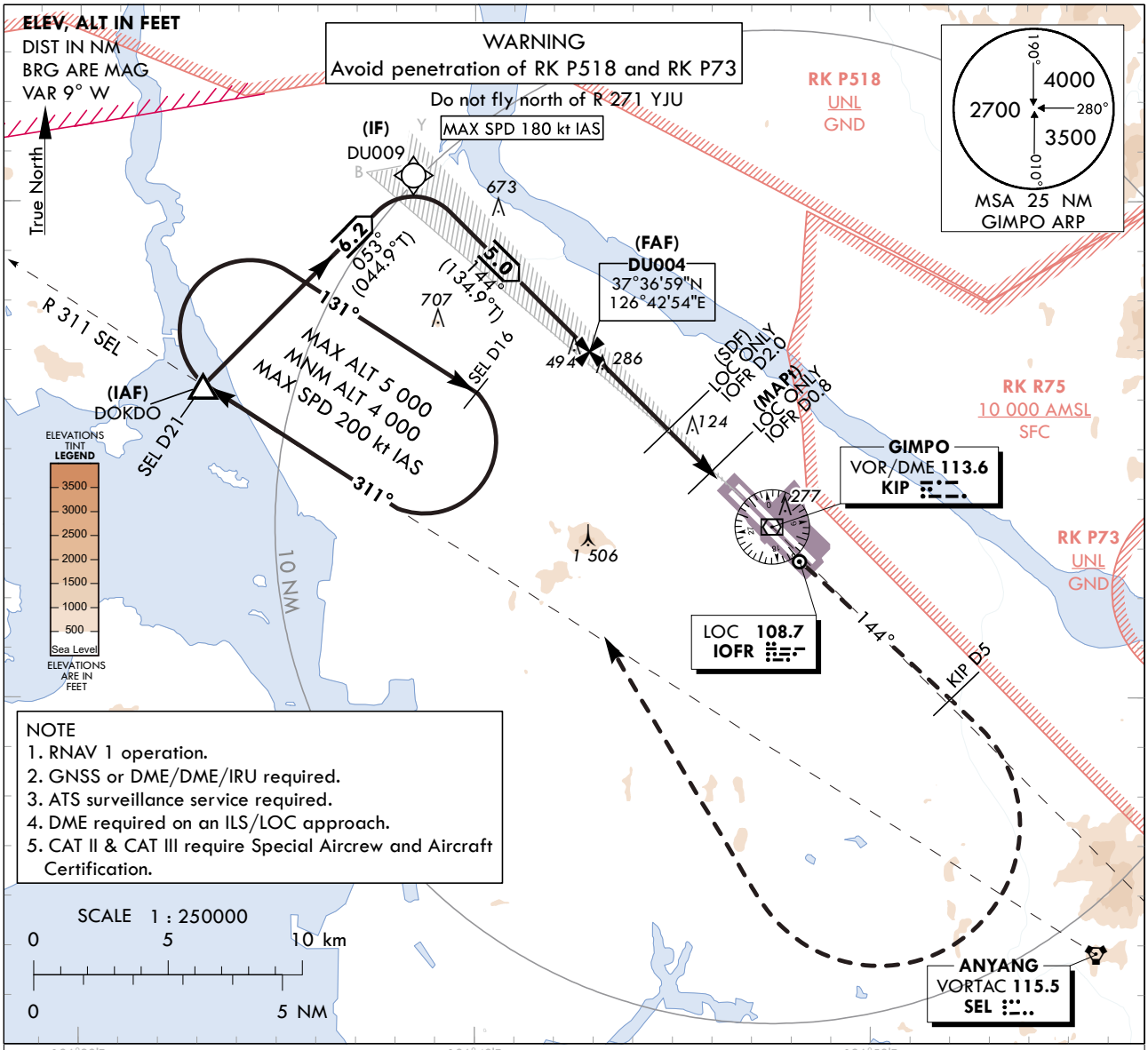
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 14R - ELEV **34** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

ILS or LOC RWY 14R
CAT II & III



NOTE
1. RNAV 1 operation.
2. GNSS or DME/DME/IRU required.
3. ATS surveillance service required.
4. DME required on an ILS/LOC approach.
5. CAT II & CAT III require Special Aircrew and Aircraft Certification.

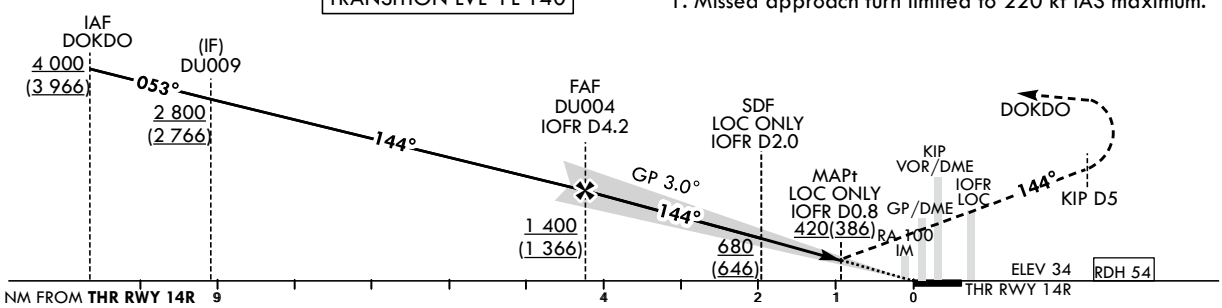
SCALE 1 : 250000
0 5 10 km
0 5 NM

RECOMMENDED PROFILE	DME IOFR	4	3	2
Final Approach Gradient 5.24%, 318 ft/NM	ALT(HGT)	1 336 (1 302)	1 018 (984)	700 (666)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 4 000 ft on HDG 144° to KIP D5 then turn right to intercept and proceed via R 311 SEL to DOKDO. Hold as published.

NOTE
1. Missed approach turn limited to 220 kt IAS maximum.



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	234 (200)			
	LOC	420 (386)			
	CAT II	134 (100)			
	CAT III	-			

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)) and NOTE.

SEOUL/Gimpo Intl(RKSS)
ILS or LOC RWY 14R
CAT II & III

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 14R from DOKDO			
Fix / Point		Coordinates	
DOKDO(IAF)		37°36'17.1"N	126°33'07.1"E
DU009(IF)	BRG 53.48°/6.00 NM	37°40'31.8"N	126°38'26.2"E
DU004(FAF)	BRG 143.53°/4.20 NM IOFR	37°36'59.0"N	126°42'54.3"E
D2.0 IOFR (SDF LOC ONLY)	BRG 143.53°/2.00 NM IOFR	37°35'23.9"N	126°44'53.9"E
D0.8 IOFR (MAPt LOC ONLY)	BRG 143.53°/0.80 NM IOFR	37°34'32.9"N	126°45'58.1"E
THR RWY 14R		37°34'06.19"N	126°46'31.60"E
IOFR DME		37°34'01.9"N	126°46'44.2"E
KIP VOR/DME		37°33'27.1"N	126°47'31.3"E
D5 KIP	HDG 144	37°29'50.7"N	126°51'52.7"E
DOKDO	R 311 SEL/21.00 NM	37°36'17.1"N	126°33'07.1"E

INSTRUMENT APPROACH CHART-ICAO

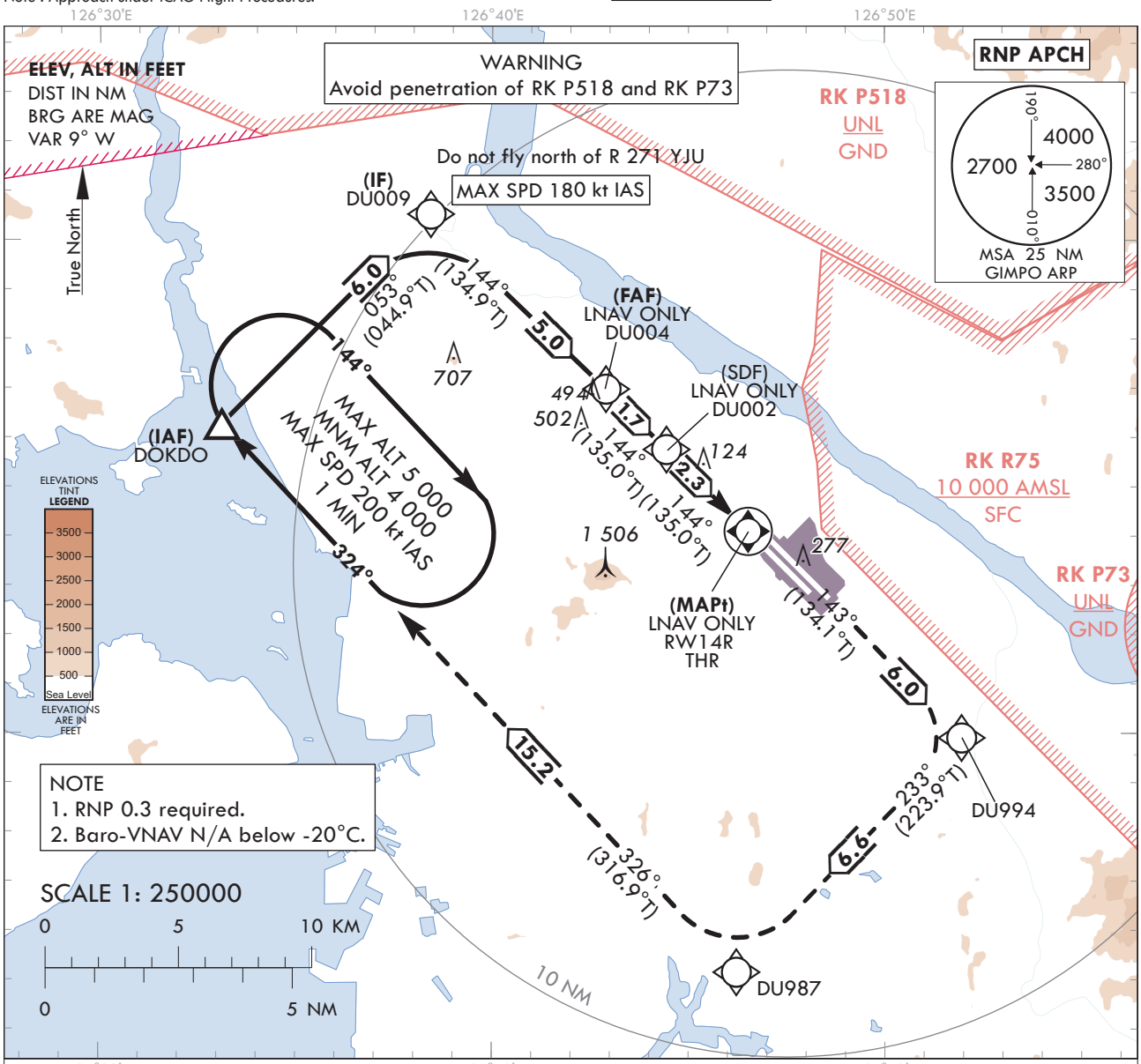
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 14R - ELEV **34** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

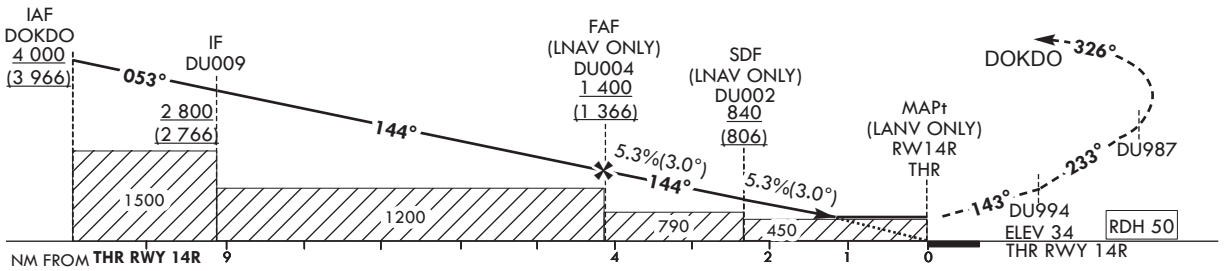
RNP RWY 14R



MISSED APPROACH
Climb to 4 000 ft. Track to DU994, DU987 and DOKDO. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
1. Missed approach turn limited to 220 kt IAS maximum.



OCA (H)		A	B	C	D		Knots	60	90	120	150	180
Straight-in Approach	LNAV/VNAV	450 (416)				Rate of descent	V/V fpm	318	478	637	796	955
	LNAV	450 (416)				* Timing Not authorized for defining MAPt. * Circling Not authorized.						

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 14R

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	DOKDO	-	-	-	-	+4 000	-	37°36'17.1"N 126°33'07.1"E	-	RNP APCH	IAF
002	TF	DU009	-	053 (044.9)	6.0	-	+2 800	-180	37°40'31.8"N 126°38'26.2"E	-	RNP APCH	IF
003	TF	DU004	-	144 (134.9)	5.0	-	+1 400	-	37°36'59.0"N 126°42'54.3"E	-	RNP APCH	FAF
004	TF	DU002	-	144 (135.0)	1.7	-	+840	-	37°35'45.6"N 126°44'26.6"E	-	RNP APCH	SDF
005	TF	RW14R	Y	144 (135.0)	2.3	-	+450	-	37°34'06.19"N 126°46'31.60"E	-3.01/50	RNP APCH	MAPt
006	TF	DU994	-	143 (134.1)	6.0	-	-	-	37°29'54.5"N 126°51'57.6"E	-	RNP APCH	-
007	TF	DU987	-	233 (223.9)	6.6	-	-	-220	37°25'09.3"N 126°46'13.6"E	-	RNP APCH	-
008	TF	DOKDO	Y	326 (316.9)	15.2	-	+4 000	-220	37°36'17.1"N 126°33'07.1"E	-	RNP APCH	-
009	HM	DOKDO	Y	324 (314.9)	-	R	-5 000 +4 000	-200	37°36'17.1"N 126°33'07.1"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT APPROACH CHART - ICAO

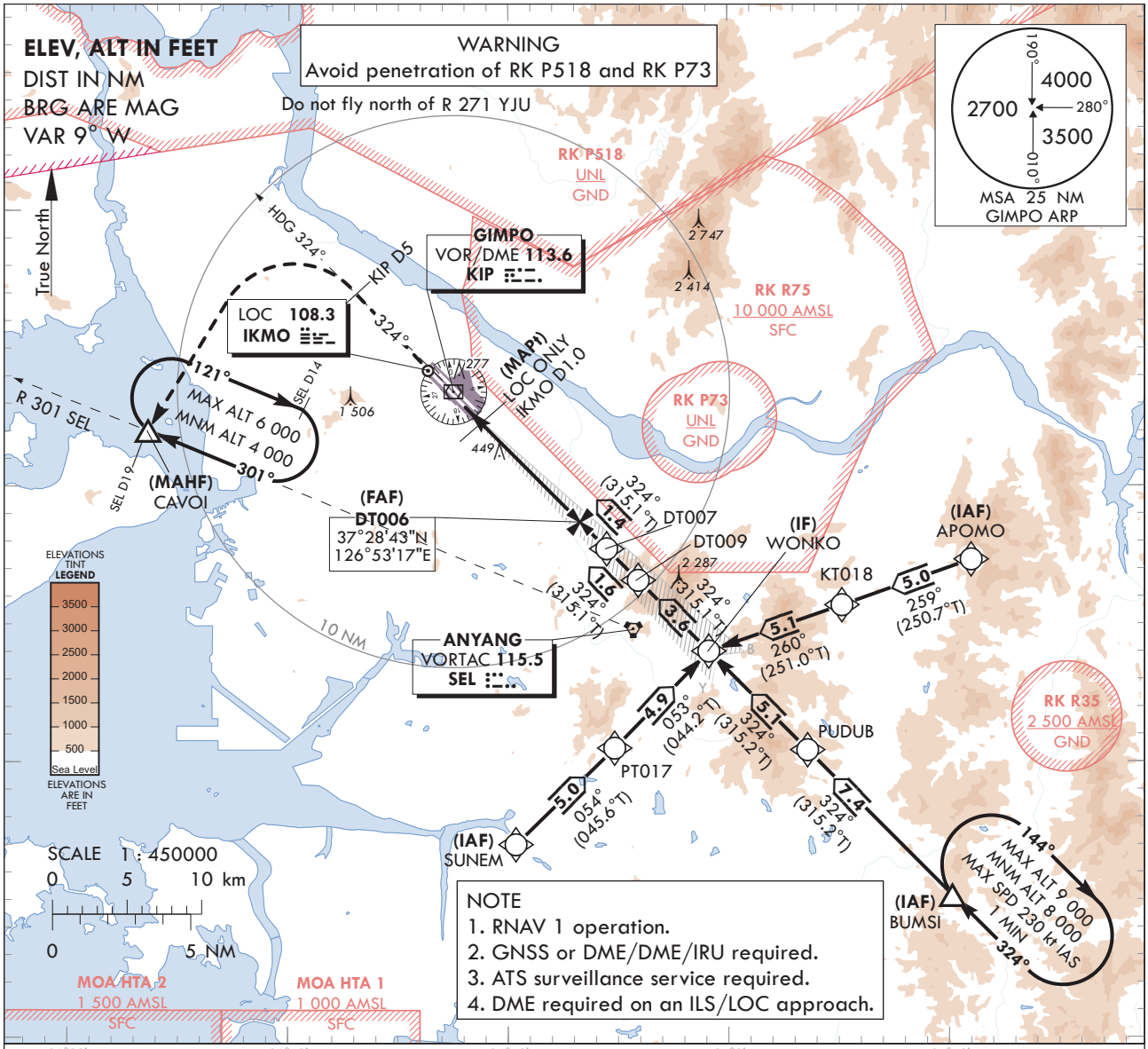
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 32L - ELEV **41** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

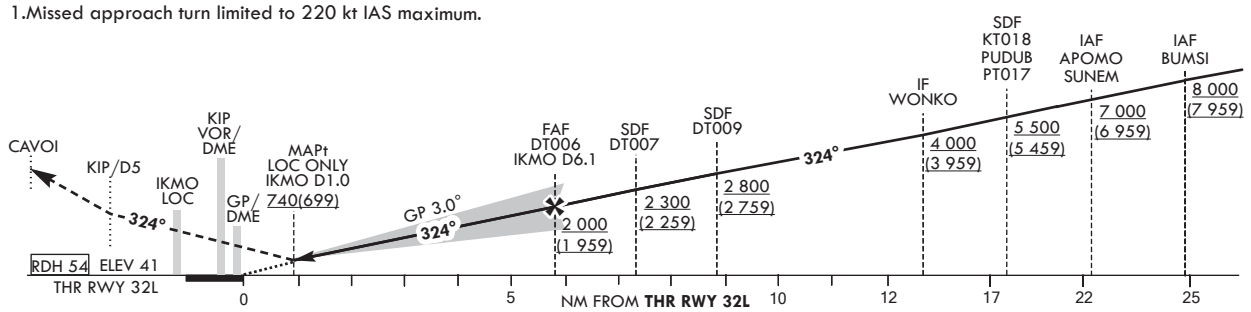
ILS or LOC RWY 32L



RECOMMENDED PROFILE	DME IKMO	6	5	4	3
Final Approach Gradient 5.24%, 318 ft/NM	ALT(HGT)	1 969 (1 926)	1 655 (1 614)	1 328 (1 287)	1 004 (963)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
1.Missed approach turn limited to 220 kt IAS maximum.



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	241 (200)			
	LOC	740 (699)			

MISSED APPROACH
After 500 ft, Climb on HDG 324° to KIP D5.
Continue climb to 4 000 ft.
Turn left direct to CAVOI. Hold as published.

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

SEOUL/Gimpo Intl(RKSS)
ILS or LOC RWY 32L

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 32L from APOMO(IAF) to WONKO(IF)			
Fix / Point		Coordinates	
APOMO(IAF)		37°27'20.9"N	127°11'04.4"E
KT018(SDF)	BRG 259.29°/5.00 NM	37°25'41.9"N	127°05'11.1"E
WONKO(IF)	BRG 259.60°/5.10 NM	37°24'02.0"N	126°59'08.0"E
ILS/LOC Approach to RWY 32L from BUMSI to WONKO(IF)			
Fix / Point		Coordinates	
BUMSI(IAF)		37°15'10.2"N	127°10'09.6"E
PUDUB(SDF)	BRG 323.86°/7.42 NM	37°20'26.5"N	127°03'36.6"E
WONKO(IF)	BRG 323.79°/5.06 NM	37°24'02.0"N	126°59'08.0"E
ILS/LOC Approach to RWY 32L from SUNEM(IAF) to WONKO(IF)			
Fix / Point		Coordinates	
SUNEM(IAF)		37°17'00.6"N	126°50'21.9"E
PT017(SDF)	BRG 54.22°/5.00 NM	37°20'30.7"N	126°54'50.7"E
WONKO(IF)	BRG 52.77°/4.90 NM	37°24'02.0"N	126°59'08.0"E
ILS/LOC Approach to RWY 32L from WONKO(IF) to MAHF			
Fix / Point		Coordinates	
DT009(SDF)	BRG 323.72°/9.10 NM IKMO	37°26'36.1"N	126°55'55.6"E
DT007(SDF)	BRG 323.72°/7.50 NM IKMO	37°27'44.9"N	126°54'29.5"E
DT006(FAF)	BRG 323.72°/6.10 NM IKMO	37°28'42.9"N	126°53'17.0"E
D1.0 IKMO (MAPt LOC ONLY)	BRG 323.72°/1.00 NM IKMO	37°32'17.6"N	126°48'48.0"E
THR RWY 32L		37°32'52.83"N	126°48'03.71"E
IKMO DME		37°32'57.4"N	126°47'51.3"E
KIP VOR/DME		37°33'27.1"N	126°47'31.3"E
Climb to 500 ft	HDG 324	-	
D5 KIP	HDG 324	37°36'59.7"N	126°43'04.6"E
CAVOI	BRG 223.11°/19.00 NM SEL	37°32'02.0"N	126°33'37.0"E

INSTRUMENT APPROACH CHART-ICAO

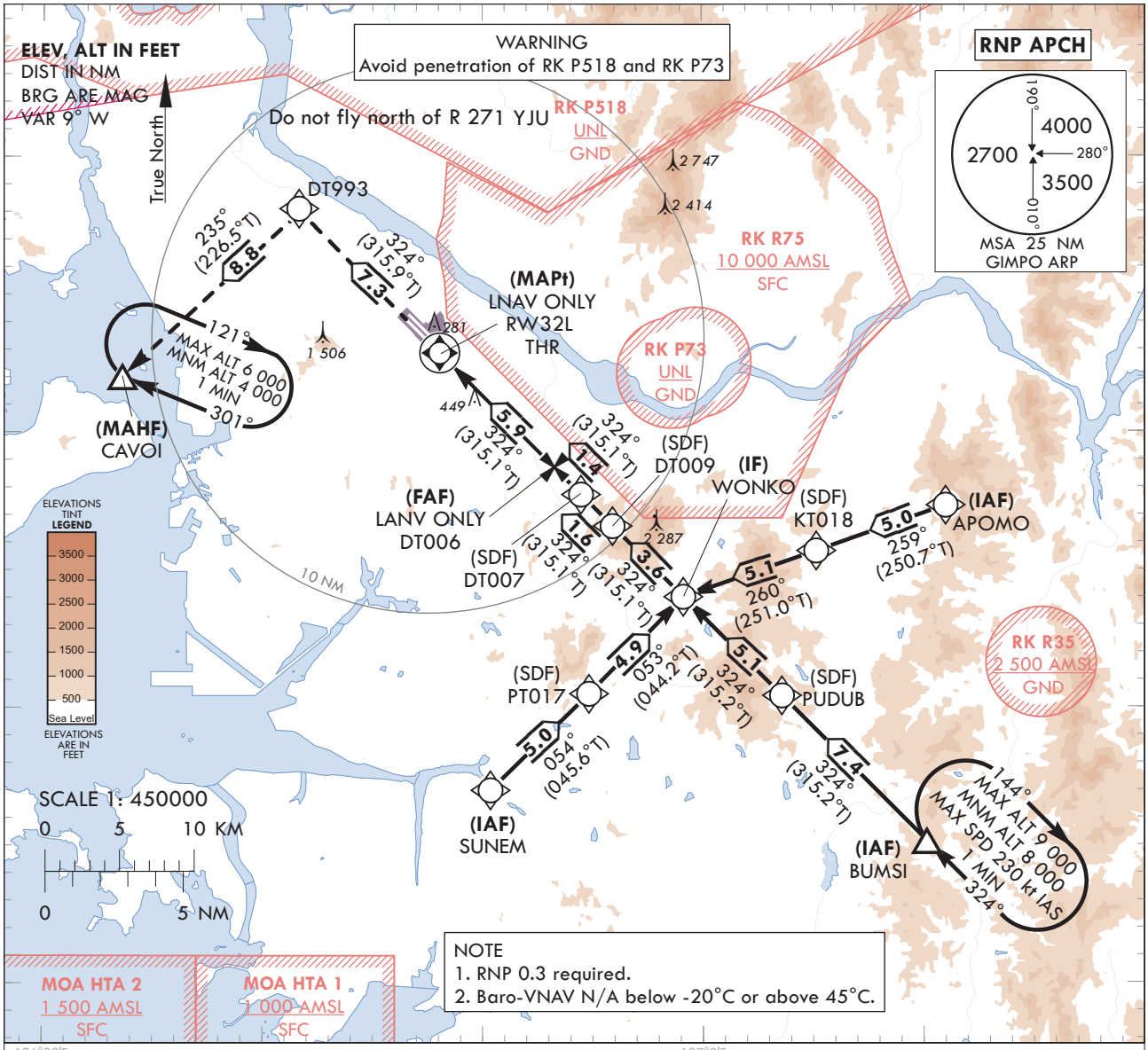
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 32L - ELEV **41** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.2
	118.8

SEOUL/Gimpo Intl(RKSS)

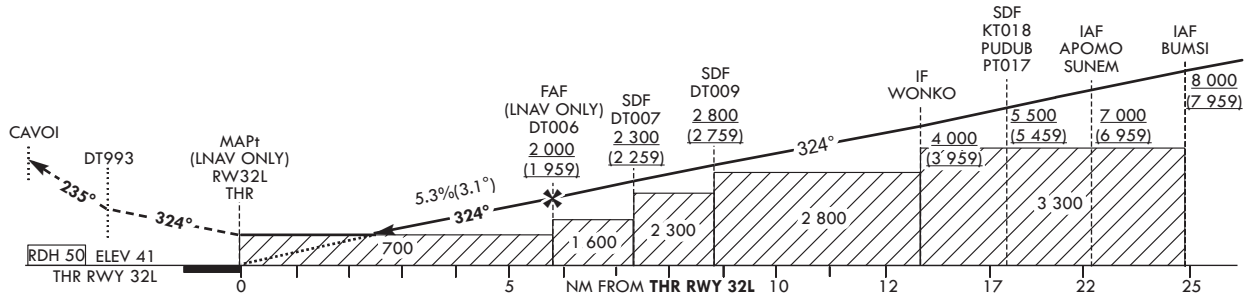
RNP RWY 32L



NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.

MISSED APPROACH
Climb to 4 000 ft. Track to DT993 and CAVOI.
Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D		Knots	60	90	120	150	180
Straight-in Approach	LNAV/VNAV	610 (569)				Rate of descent	V/V fpm	325	487	649	812	974
	LNAV	700 (659)				* Timing Not authorized for defining MAPt. * Circling Not authorized.						

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 32L - via APOMO to WONKO(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	APOMO	-	-	-	-	+7 000	-	37°27'20.9"N 127°11'04.4"E	-	RNP APCH	IAF
002	TF	KT018	-	259 (250.7)	5.0	-	+5 500	-	37°25'41.9"N 127°05'11.1"E	-	RNP APCH	SDF
003	TF	WONKO	-	260 (251.0)	5.1	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF

RNP RWY 32L - via BUMSI to WONKO(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	BUMSI	-	-	-	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNP APCH	IAF
002	TF	PUDUB	-	324 (315.2)	7.4	-	+5 500	-	37°20'26.5"N 127°03'36.6"E	-	RNP APCH	SDF
003	TF	WONKO	-	324 (315.2)	5.1	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF

RNP RWY 32L - via SUNEM to WONKO(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	SUNEM	-	-	-	-	+7 000	-	37°17'00.6"N 126°50'21.9"E	-	RNP APCH	IAF
002	TF	PT017	-	054 (045.6)	5.0	-	+5 500	-	37°20'30.7"N 126°54'50.7"E	-	RNP APCH	SDF
003	TF	WONKO	-	053 (044.2)	4.9	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF

RNP RWY 32L - via WONKO(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
003	TF	WONKO	-	-	-	-	+4 000	-	37°24'02.0"N 126°59'08.0"E	-	RNP APCH	IF
004	TF	DT009	-	324 (315.1)	3.6	-	+2 800	-	37°26'36.1"N 126°55'55.6"E	-	RNP APCH	SDF
005	TF	DT007	-	324 (315.1)	1.6	-	+2 300	-	37°27'44.9"N 126°54'29.5"E	-	RNP APCH	SDF
006	TF	DT006	-	324 (315.1)	1.4	-	+2 000	-	37°28'42.9"N 126°53'17.0"E	-	RNP APCH	FAF
007	TF	RW32L	Y	324 (315.1)	5.9	-	+700	-	37°32'52.83"N 126°48'03.71"E	-3.06/50	RNP APCH	MAPt
008	TF	DT993	-	324 (315.9)	7.3	-	-	-	37°38'07.5"N 126°41'39.6"E	-	RNP APCH	-
009	TF	CAVOI	Y	235 (226.5)	8.8	-	+4 000	-	37°32'02.0"N 126°33'37.0"E	-	RNP APCH	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP RWY 32L	HM	BUMSI	Y	324 (315.2)	1	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-
	HM	CAVOI	Y	301 (292.2)	1	R	-6 000 +4 000	-	37°32'02.0"N 126°33'37.0"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART-ICAO

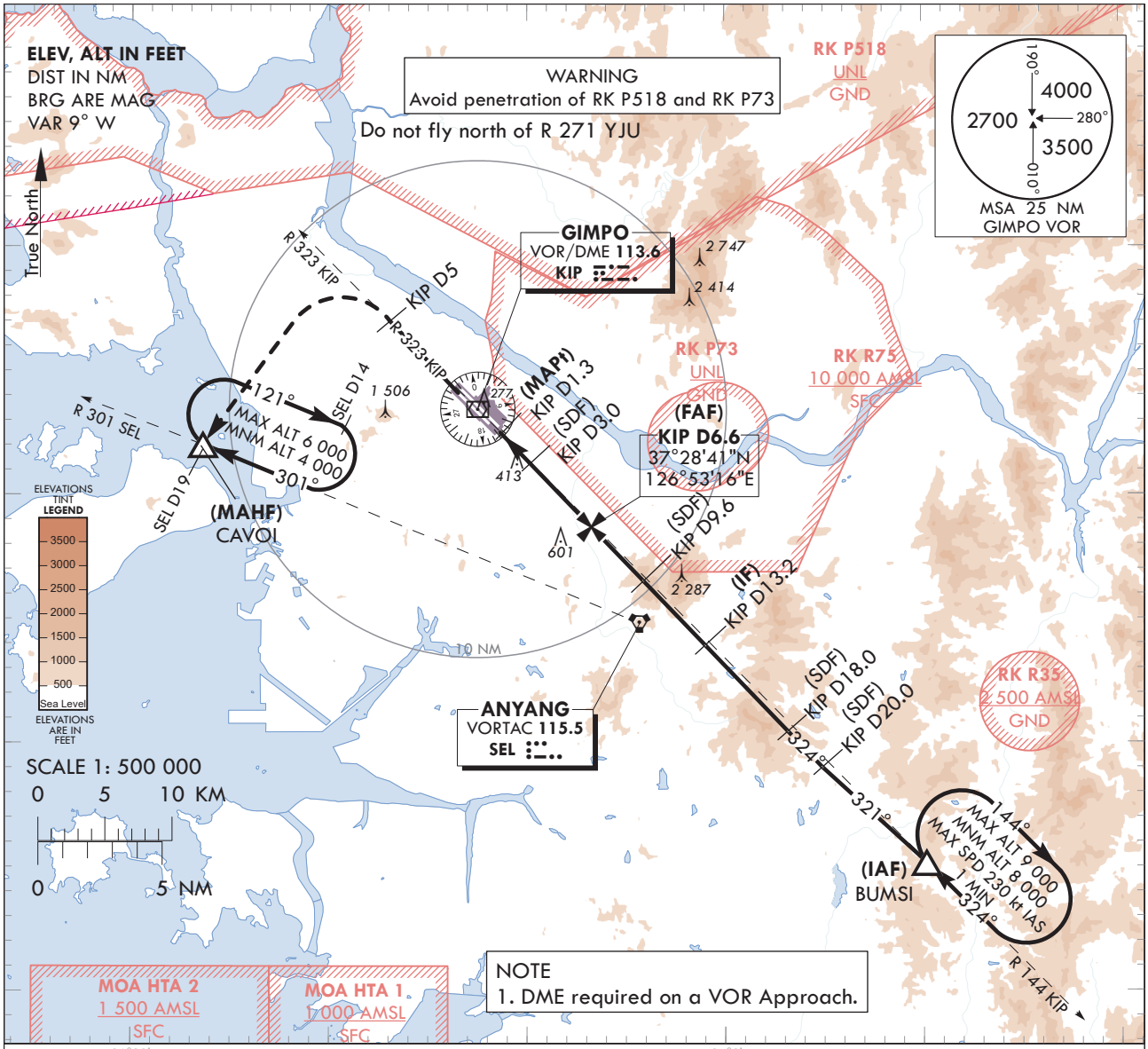
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 32L - ELEV **41** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

VOR RWY 32L

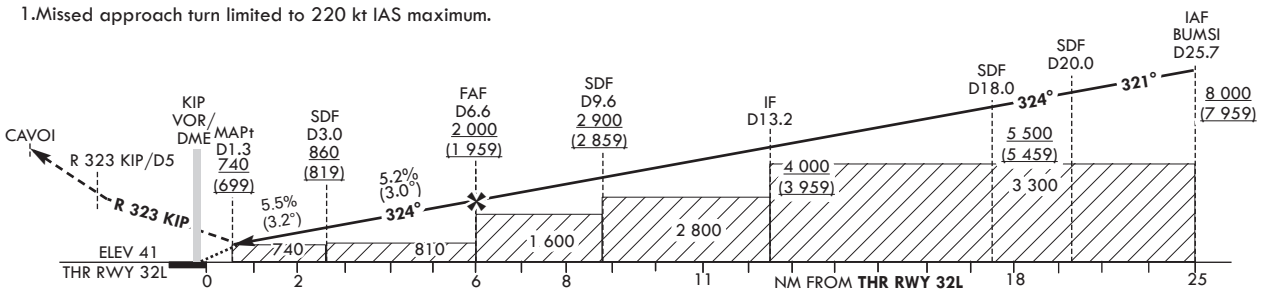


NOTE
1. DME required on a VOR Approach.

RECOMMENDED PROFILE	DME KIP	6	5	4	3
Final Gradient 5.2%(316.7 ft/NM)to SDF,5.5%(335.7 ft/NM) to THR	ALT(HGT)	1 810(1 769)	1 493(1 452)	1 177(1 136)	860(819)

MISSED APPROACH
Climb to 4 000 ft on R 323 KIP to 5 DME then turn left direct to CAVOI.
Hold as published.
NOTE
1.Missed approach turn limited to 220 kt IAS maximum.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



						Knots	60	90	120	150	180
OCA (H)	A	B	C	D	Rate of descent	V/V fpm	319	478	637	797	956
Straight-in Approach	740 (699)				*Timing Not authorized for defining MAPt. *Circling Not authorized.						

Change : Information of landing minima(OCA(H)).

SEOUL/Gimpo Intl(RKSS)
VOR RWY 32L

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 32L from BUMSI			
Fix / Point		Coordinates	
BUMSI(IAF)		37°15'10.2"N	127°10'09.6"E
D20 KIP(SDF)	BRG 320.65°/5.68 NM	37°19'00.4"N	127°04'54.7"E
D18 KIP(SDF)	BRG 324.48°/18.00 NM KIP	37°20'27.2"N	127°03'10.7"E
D13.2 KIP(IF)	BRG 324.48°/13.20 NM KIP	37°23'55.4"N	126°59'00.7"E
D9.6 KIP(SDF)	BRG 324.48°/9.60 NM KIP	37°26'31.4"N	126°55'52.9"E
D6.6 KIP(FAF)	BRG 324.48°/6.60 NM KIP	37°28'41.4"N	126°53'16.3"E
D3.0 KIP(SDF)	BRG 324.48°/3.00 NM KIP	37°31'17.3"N	126°50'08.2"E
D1.3 KIP(MAPt)	BRG 324.48°/1.30 NM KIP	37°32'30.8"N	126°48'39.2"E
THR RWY 32L	Final approach descent angle 2.98°(FAF - SDF)/3.16°(SDF - THR)	37°32'52.83"N	126°48'03.71"E
KIP VOR/DME		37°33'27.1"N	126°47'31.3"E
D5 KIP	R 323 KIP/5.00 NM	37°36'59.7"N	126°43'04.6"E
CAVOI	BRG 223.11°/19.00 NM SEL	37°32'02.0"N	126°33'37.0"E

INSTRUMENT APPROACH CHART - ICAO

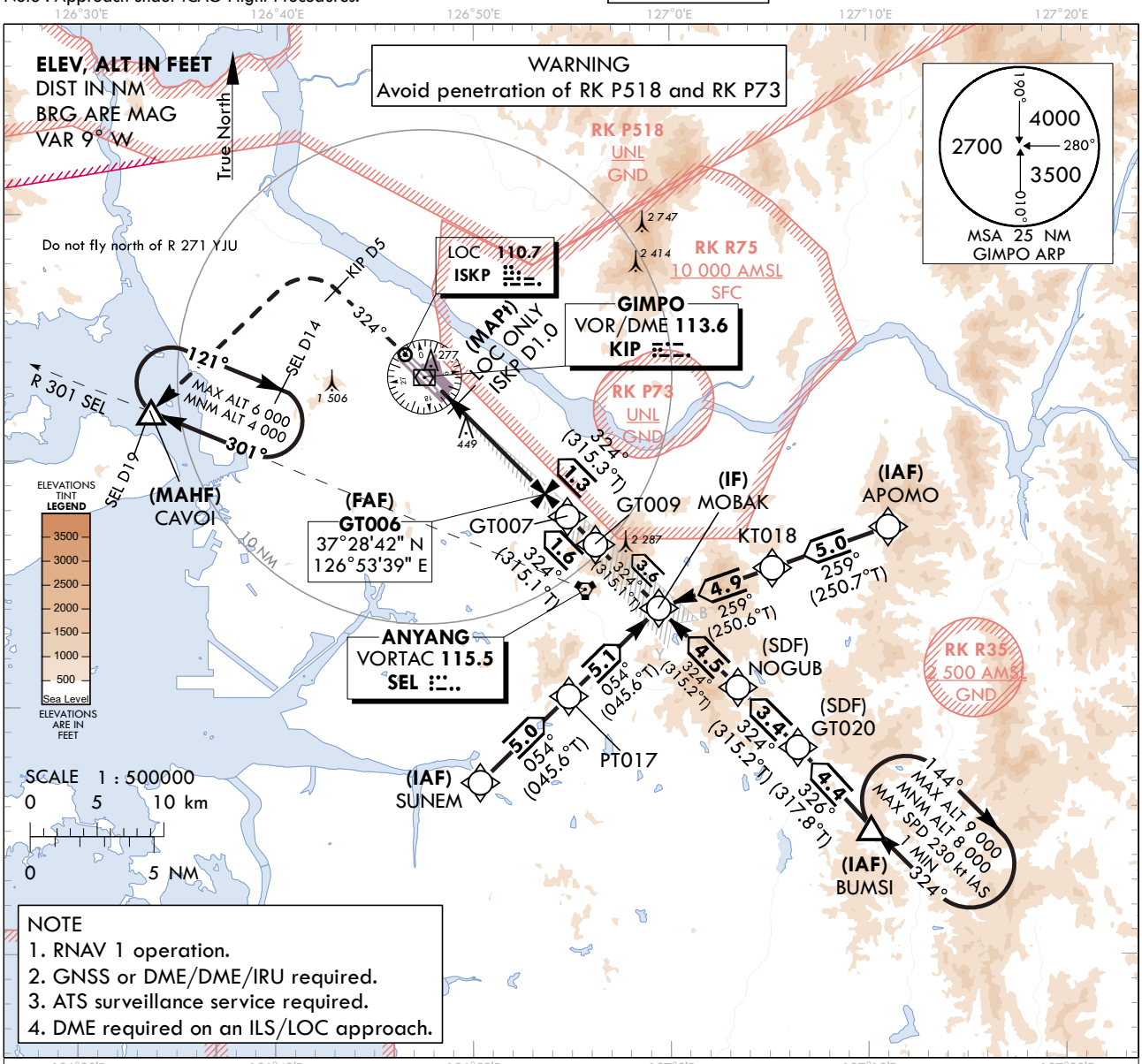
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 32R - ELEV **42** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

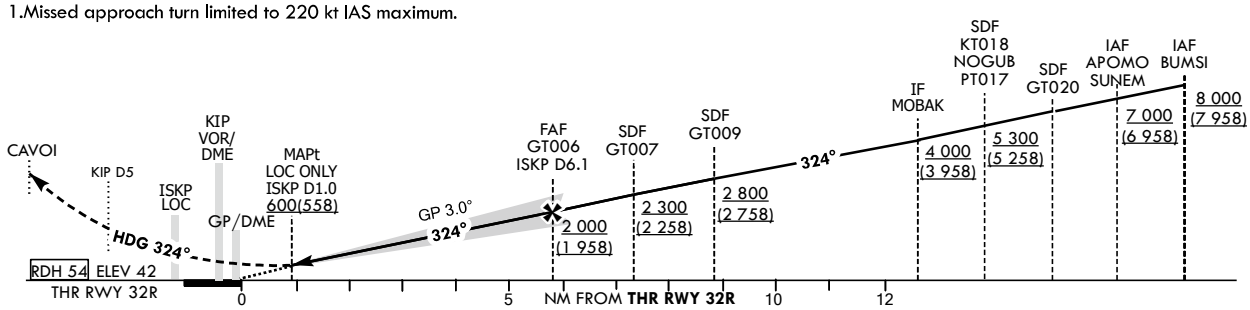
ILS or LOC RWY 32R



RECOMMENDED PROFILE	DME ISKP	6	5	4	3	2
Final Approach Gradient 5.24%, 318 ft/NM	ALT(HGT)	1 968 (1 926)	1 656 (1 614)	1 330 (1 288)	1 005 (963)	682 (640)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
1.Missed approach turn limited to 220 kt IAS maximum.



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	242 (200)			
	LOC	600 (558)			

MISSED APPROACH
After 500 ft, Climb on HDG 324° to KIP D5.
Continue climb to 4 000 ft.
Turn left direct to CAVOI. Hold as published.

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

SEOUL/Gimpo Intl(RKSS)
ILS or LOC RWY 32R

AERONAUTICAL DATA TABULATION

ILS/LOC Approach to RWY 32R from APOMO(IAF) to MOBAK(IF)			
Fix / Point		Coordinates	
APOMO(IAF)		37°27'20.9"N	127°11'04.4"E
KT018(SDF)	BRG 259.29°/5.00 NM	37°25'41.9"N	127°05'11.1"E
MOBAK(IF)	BRG 259.23°/4.87 NM	37°24'04.7"N	126°59'25.2"E
ILS/LOC Approach to RWY 32R from BUMSI to MOBAK(IF)			
Fix / Point		Coordinates	
BUMSI(IAF)		37°15'10.2"N	127°10'09.6"E
GT020(SDF)	BRG 326.37°/4.40 NM	37°18'25.8"N	127°06'27.1"E
NOGUB(SDF)	BRG 323.82°/3.42 NM	37°20'51.6"N	127°03'25.8"E
MOBAK(IF)	BRG 323.79°/4.53 NM	37°24'04.7"N	126°59'25.2"E
ILS/LOC Approach to RWY 32R from SUNEM(IAF) to MOBAK(IF)			
Fix / Point		Coordinates	
SUNEM(IAF)		37°17'00.6"N	126°50'21.9"E
PT017(SDF)	BRG 54.22°/5.00 NM	37°20'30.7"N	126°54'50.7"E
MOBAK(IF)	BRG 54.26°/5.10 NM	37°24'04.7"N	126°59'25.2"E
ILS/LOC Approach to RWY 32R from MOBAK(IF) to MAHF			
Fix / Point		Coordinates	
GT009(SDF)	BRG 323.75°/9.00 NM ISKP	37°26'39.3"N	126°56'12.2"E
GT007(SDF)	BRG 323.75°/7.40 NM ISKP	37°27'47.4"N	126°54'47.0"E
GT006(FAF)	BRG 323.90°/6.10 NM ISKP	37°28'42.2"N	126°53'38.9"E
D1.0 ISKP (MAPt LOC ONLY)	BRG 323.90°/1.00 NM ISKP	37°32'16.7"N	126°49'09.7"E
THR RWY 32R		37°32'51.89"N	126°48'25.58"E
ISKP DME		37°32'56.3"N	126°48'12.9"E
KIP VOR/DME		37°33'27.1"N	126°47'31.3"E
Climb to 500 ft	HDG 324	-	
D5 KIP	HDG 324	37°36'59.7"N	126°43'04.6"E
CAVOI	BRG 222.76°/19.00 NM SEL	37°32'02.0"N	126°33'37.0"E

INSTRUMENT APPROACH CHART-ICAO

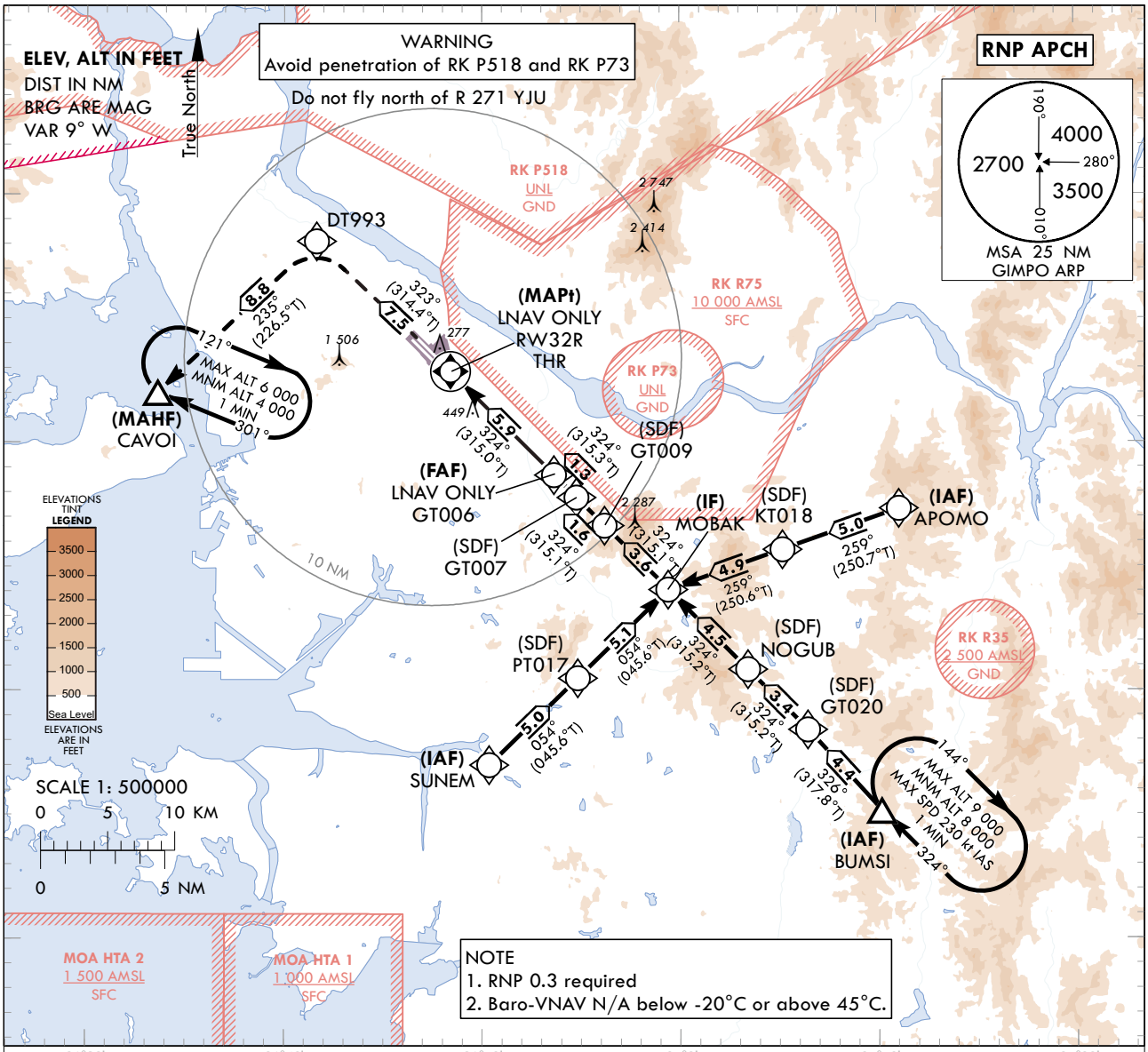
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 32R - ELEV **42** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

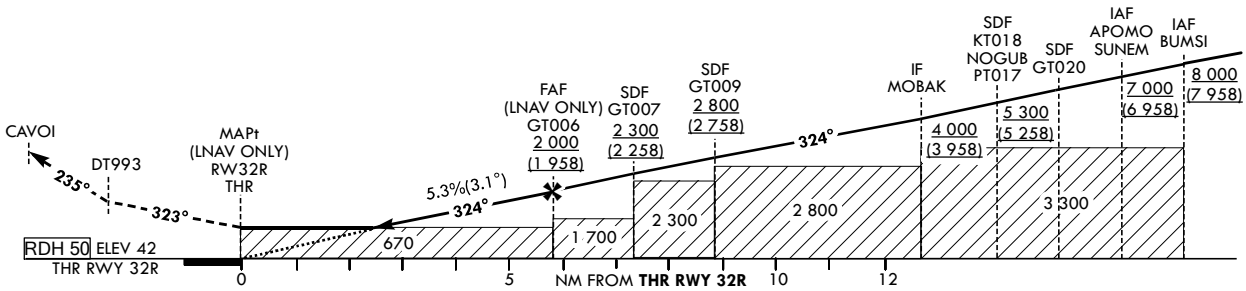
SEOUL/Gimpo Intl(RKSS)

RNP RWY 32R



MISSED APPROACH
Climb to 4 000 ft. Track to DT993 and CAVOI.
Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D		Knots	60	90	120	150	180
Straight-in Approach	LNAV/VNAV	600 (558)				Rate of descent	V/V fpm	325	487	649	812	974
	LNAV	670 (628)				*Timing Not authorized for defining MAPt. *Circling Not authorized.						

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 32R - via APOMO to MOBAK(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	APOMO	-	-	-	-	+7 000	-	37°27'20.9"N 127°11'04.4"E	-	RNP APCH	IAF
002	TF	KT018	-	259 (250.7)	5.0	-	+5 300	-	37°25'41.9"N 127°05'11.1"E	-	RNP APCH	SDF
003	TF	MOBAK	-	259 (250.6)	4.9	-	+4 000	-	37°24'04.7"N 126°59'25.2"E	-	RNP APCH	IF

RNP RWY 32R - via BUMSI to MOBAK(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	BUMSI	-	-	-	-	+8 000	-	37°15'10.2"N 127°10'09.6"E	-	RNP APCH	IAF
002	TF	GT020	-	326 (317.8)	4.4	-	-	-	37°18'25.8"N 127°06'27.1"E	-	RNP APCH	SDF
003	TF	NOGUB	-	324 (315.2)	3.4	-	+5 300	-	37°20'51.6"N 127°03'25.8"E	-	RNP APCH	SDF
004	TF	MOBAK	-	326 (317.4)	4.9	-	+4 000	-	37°24'04.7"N 126°59'25.2"E	-	RNP APCH	IF

RNP RWY 32R - via SUNEM to MOBAK(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	SUNEM	-	-	-	-	+7 000	-	37°17'00.6"N 126°50'21.9"E	-	RNP APCH	IAF
002	TF	PT017	-	054 (045.6)	5.0	-	+5 300	-	37°20'30.7"N 126°54'50.7"E	-	RNP APCH	SDF
003	TF	MOBAK	-	054 (045.6)	5.1	-	+4 000	-	37°24'04.7"N 126°59'25.2"E	-	RNP APCH	IF

RNP RWY 32R - via MOBAK(IF) to MAHF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
003	TF	MOBAK	-	-	-	-	+4 000	-	37°24'04.7"N 126°59'25.2"E	-	RNP APCH	IF
004	TF	GT009	-	324 (315.1)	3.6	-	+2 800	-	37°26'39.3"N 126°56'12.2"E	-	RNP APCH	SDF
005	TF	GT007	-	324 (315.1)	1.6	-	+2 300	-	37°27'47.4"N 126°54'47.0"E	-	RNP APCH	SDF
006	TF	GT006	-	324 (315.3)	1.3	-	+2 000	-	37°28'42.2"N 126°53'38.9"E	-	RNP APCH	FAF
007	TF	RW32R	Y	324 (315.0)	5.9	-	+670	-	37°32'51.89"N 126°48'25.58"E	-3.06/50	RNP APCH	MAPt
008	TF	DT993	-	323 (314.4)	7.5	-	-	-	37°38'07.5"N 126°41'39.6"E	-	RNP APCH	-
009	TF	CAVOI	Y	235 (226.5)	8.8	-	+4 000	-	37°32'02.0"N 126°33'37.0"E	-	RNP APCH	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP RWY 32R	HM	BUMSI	Y	324 (315.2)	1	R	-9 000 +8 000	-230	37°15'10.2"N 127°10'09.6"E	-	RNAV 1	-
	HM	CAVOI	Y	301 (292.2)	1	R	-6 000 +4 000	-	37°32'02.0"N 126°33'37.0"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART-ICAO

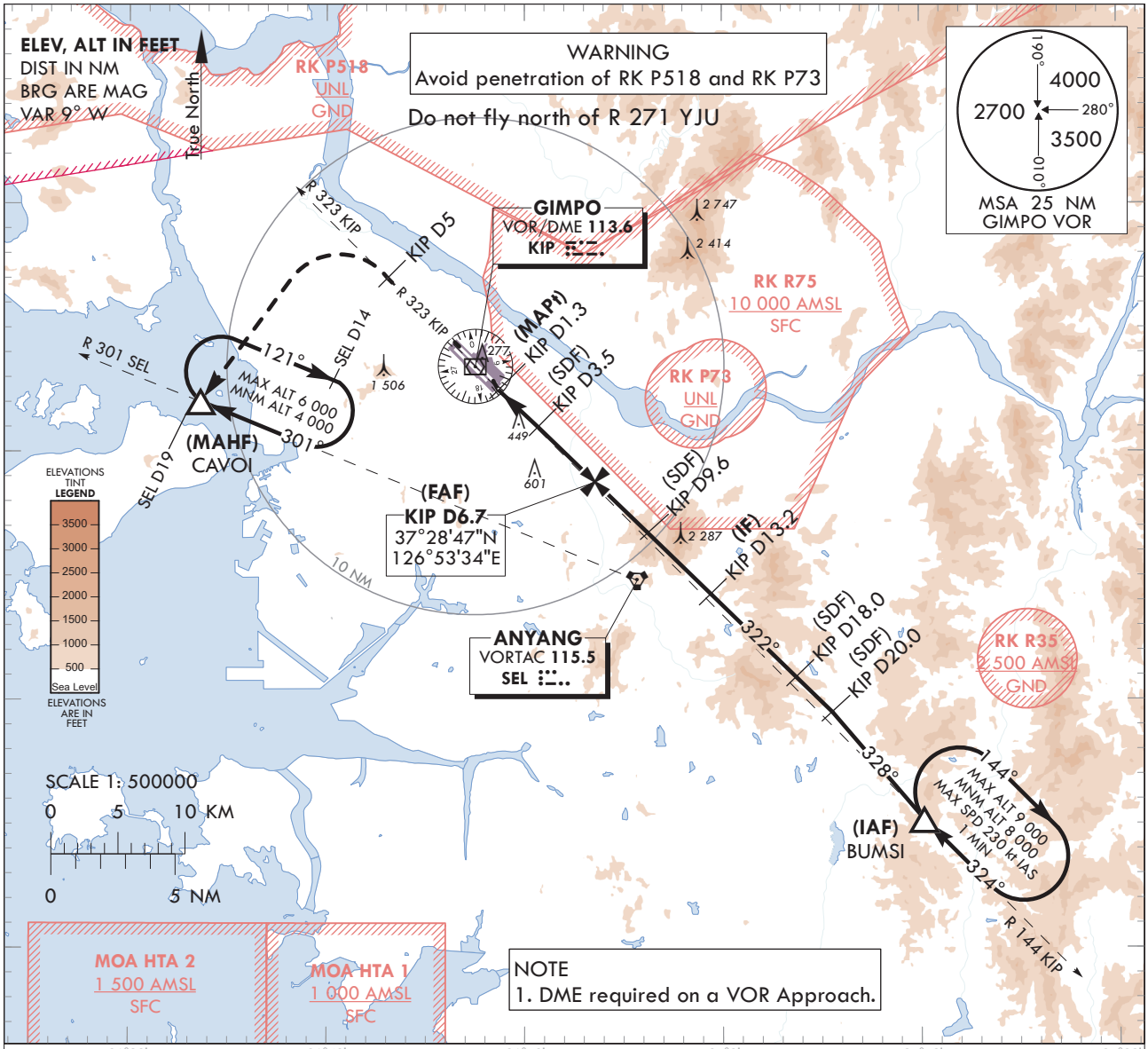
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 59 ft
HEIGHTS RELATED TO
THR RWY 32R - ELEV **42** ft

SEOUL APP	119.75
	119.1
GIMPO TWR	118.1
	118.05

SEOUL/Gimpo Intl(RKSS)

VOR RWY 32R



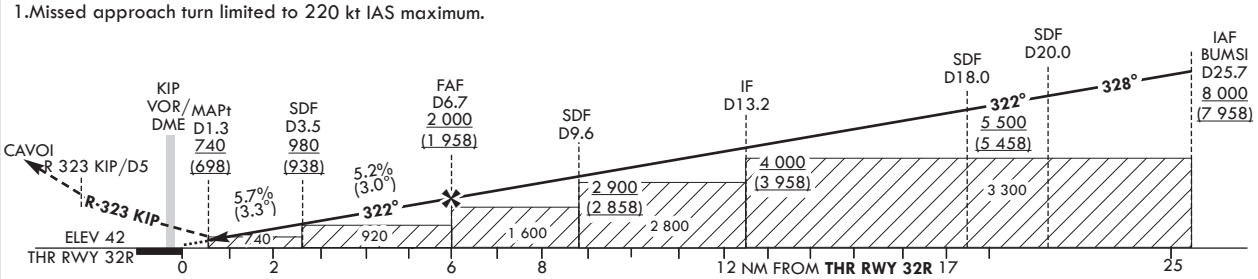
NOTE
1. DME required on a VOR Approach.

RECOMMENDED PROFILE	DME KIP	6	5	4	3
Final Gradient 5.2%(318.8 ft/NM)to SDF, 5.7%(345.5 ft/NM) to THR	ALT(HGT)	1 779 (1 737)	1 460 (1 418)	1 141 (1 399)	809 (767)

MISSED APPROACH
Climb to 4 000 ft on R 323 KIP to 5 DME then turn left direct to CAVOI.
Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
1.Missed approach turn limited to 220 kt IAS maximum.



OCA (H)	A	B	C	D	Rate of descent	Knots	60	90	120	150	180
						V/V fpm	331	486	661	827	992
Straight-in Approach	740 (698)				* Timing Not authorized for defining MAPt. * Circling Not authorized.						

Change : Information of landing minima(OCA(H)).

SEOUL/Gimpo Intl(RKSS)
VOR RWY 32R

AERONAUTICAL DATA TABULATION

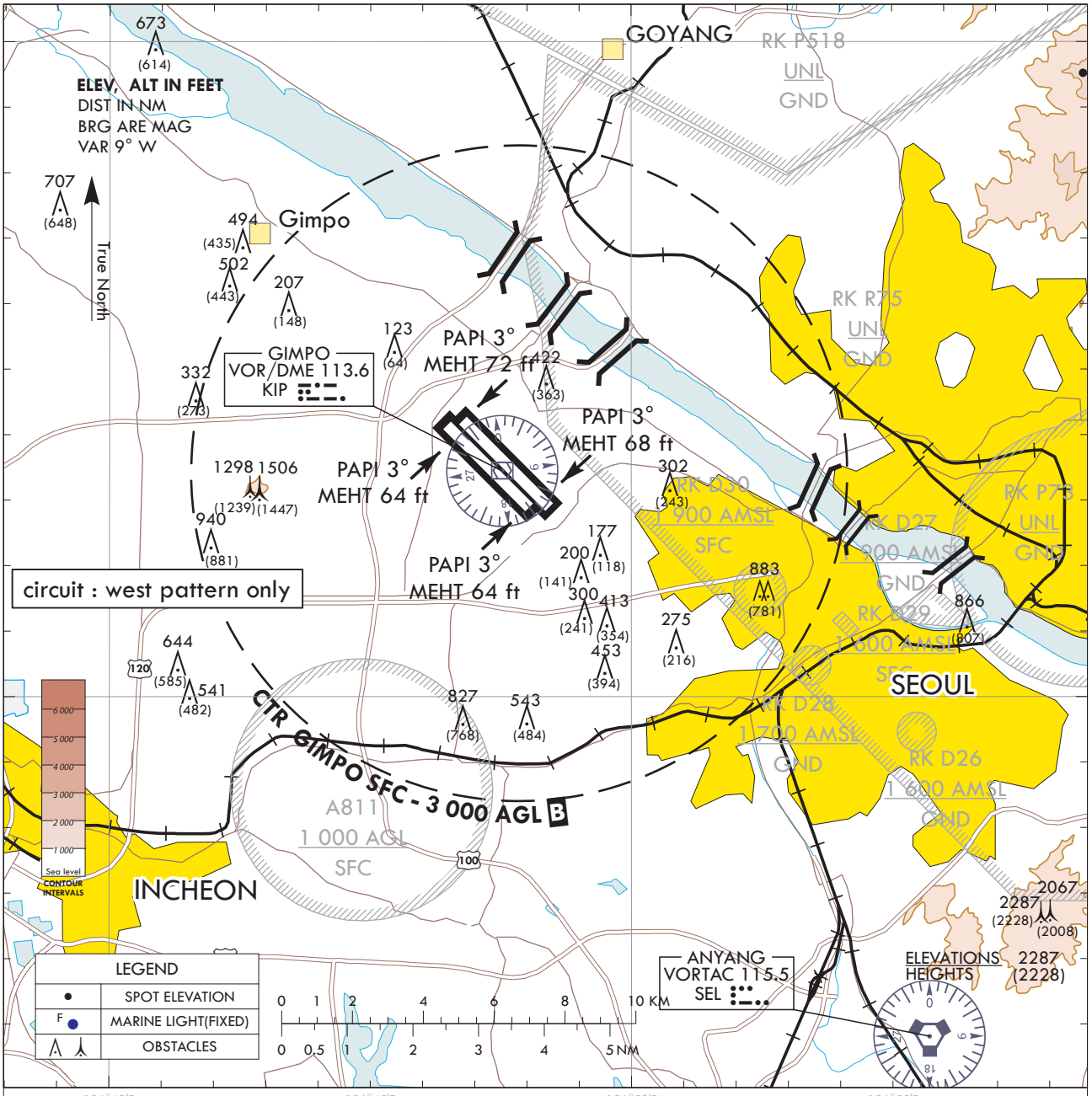
VOR Approach to RWY 32R from BUMSI			
Fix / Point		Coordinates	
BUMSI(IAF)		37°15'10.2"N	127°10'09.6"E
D20 KIP(SDF)	BRG 327.70°/5.69 NM	37°19'29.9"N	127°05'32.0"E
D18 KIP(SDF)	BRG 322.48°/18.00 NM KIP	37°20'53.8"N	127°03'44.2"E
D13.2 KIP(IF)	BRG 322.48°/13.20 NM KIP	37°24'15.2"N	126°59'25.7"E
D9.6 KIP(SDF)	BRG 322.48°/9.60 NM KIP	37°26'45.9"N	126°56'11.2"E
D6.7 KIP(FAF)	BRG 322.48°/6.70 NM KIP	37°28'47.0"N	126°53'34.1"E
D3.5 KIP(SDF)	BRG 322.48°/3.50 NM KIP	37°31'00.8"N	126°50'40.9"E
D1.3 KIP(MAPt)	BRG 322.48°/1.30 NM KIP	37°32'32.8"N	126°48'41.7"E
THR RWY 32R	Final approach descent angle 3.00°(FAF - SDF)/3.25°(SDF - THR)	37°32'51.89"N	126°48'25.58"E
KIP VOR/DME		37°33'27.1"N	126°47'31.3"E
D5 KIP	R 323 KIP/5.00 NM	37°36'59.7"N	126°43'04.6"E
CAVOI	BRG 223.11°/19.00 NM SEL	37°32'02.0"N	126°33'37.0"E

VISUAL APPROACH CHART - ICAO

AD ELEV : **59** FT
HEIGHTS RELATED
TO AD ELEV

SEOUL	APP	119.75	121.35	119.1	124.7	305.7
	DEP	119.05	125.15	124.8	123.8	363.8
GIMPO	TWR	118.1	118.05	240.9		

SEOUL/Gimpo INTL



ATS airspace Classifications

1. Class B : Radius of Gimpo airports ARP(373325N 1264751E)

o Vertical limits
- Within 5 NM including areas which are extended northbound from 37°36'46"N 126°39'26"E - 37°39'44"N 126°43'10"E - 37°38'03"N 126°45'18"E - 37°34'58"N 126°41'42"E, and southbound from 37°28'40"N 126°49'38"E - 37°30'36"N 126°52'52"E - 37°29'07"N 126°54'44"E - 37°26'52"N 126°51'53"E - 37°36'46"N 126°39'26"E (SFC - 10 000 ft AMSL)
- Within 5 NM - 10 NM(1 000 ft AGL - 10 000 ft AMSL)
- Within 10 NM - 20 NM(5 000 ft AGL - 10 000 ft AMSL)
  ☐Class D : Airspace from above 10 000 ft AMSL to FL 200 within Seoul TMA, excluding Class B

o Speed limits : 250 kt IAS or less below 10 000 ft AMSL

2. Class E :

o Vertical limits
- Controlled Airspace from 1 000 ft above the surface or the sea level to FL 600 and less except Class A, B, C and D

o Speed limits : 250 kt IAS or less below 10 000 ft AMSL

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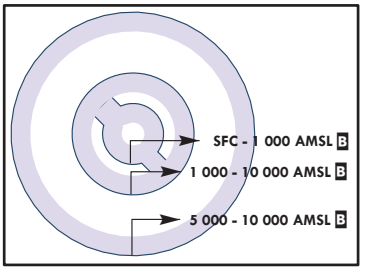
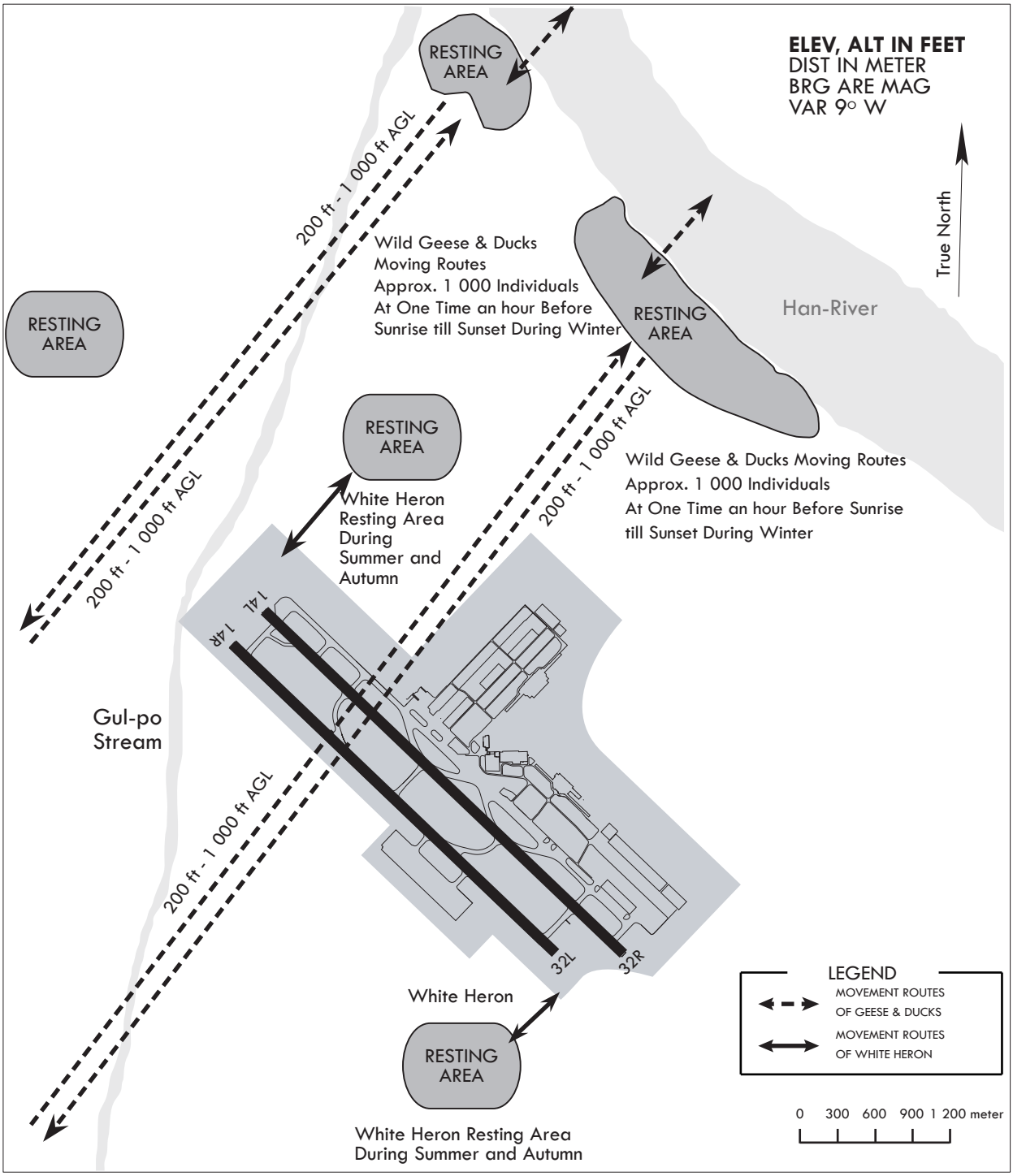


Change : Establishment of note for circuit.

BIRD CONCENTRATION - GIMPO INTERNATIONAL AIRPORT



INSTRUMENT APPROACH CHART - ICAO

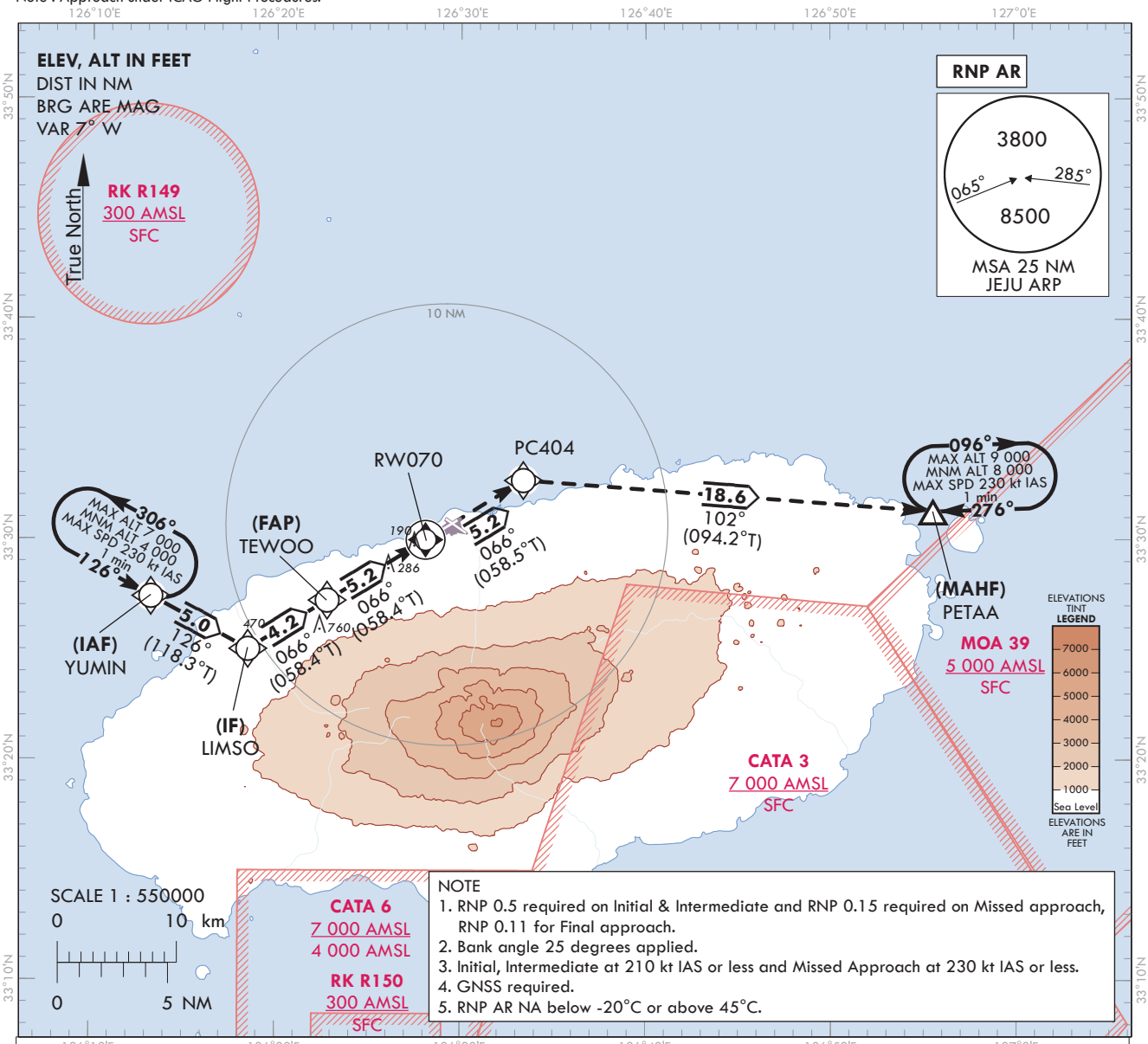
AERODROME ELEV 119 ft
HEIGHTS RELATED TO
THR RWY 07 - ELEV **87 ft**

JEJU APP	121.2 124.05
JEJU TWR	118.2 118.55

JEJU/Jeju Intl(RKPC)

RNP Z RWY 07(AR)

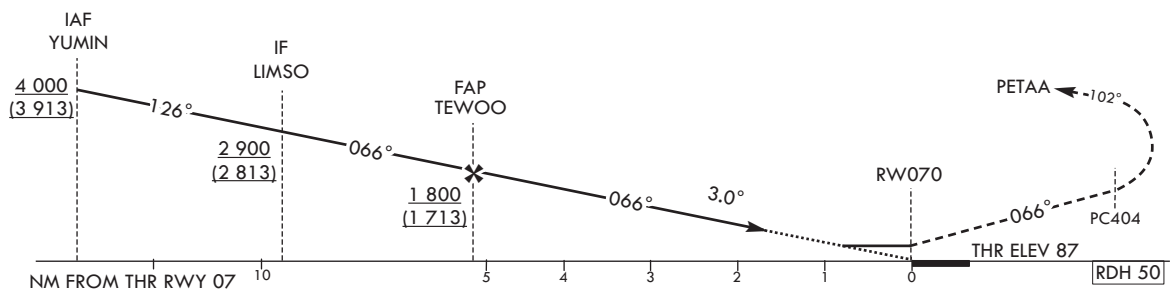
Note : Approach under ICAO Flight Procedures.



NOTE
1. RNP 0.5 required on Initial & Intermediate and RNP 0.15 required on Missed approach, RNP 0.11 for Final approach.
2. Bank angle 25 degrees applied.
3. Initial, Intermediate at 210 kt IAS or less and Missed Approach at 230 kt IAS or less.
4. GNSS required.
5. RNP AR NA below -20°C or above 45°C.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to 8 000 ft on track of 066° to PC404, then RIGHT turn on track of 102° to PETAA.



OCA (H)		A	B	C	D
Straight-in Approach	RNP 0.11	360 (273)			

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	319	478	637	796	956

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP Z RWY 07(AR)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	YUMIN	-	-	-	-	+4 000	-210	33°27'25.7"N 126°13'15.5"E	-	RNP 0.5	IAF
002	TF	LIMSO	-	126(118.3)	5.0	-	+2 900	-210	33°25'03.0"N 126°18'31.0"E	-	RNP 0.5	IF
003	TF	TEWOO	-	066(058.4)	4.2	-	+1 800	-	33°27'15.3"N 126°22'47.5"E	-	RNP 0.11	FAP
004	TF	RW070	Y	066(058.4)	5.2	-	-	-	33°29'59.57"N 126°28'06.50"E	-3.00/50	RNP 0.11	Bank angle 25°
005	TF	PC404	-	066(058.5)	5.2	-	-	-	33°32'42.3"N 126°33'23.4"E	-	RNP 0.15	Bank angle 25°
006	TF	PETAA	Y	102(094.2)	18.6	-	-	-	33°31'18.0"N 126°55'34.0"E	-	RNP 0.15	-
007	HM	PETAA	Y	276(268.2)	-	R	-9 000 +8 000	-230	33°31'18.0"N 126°55'34.0"E	-	RNP 0.15	1 min (Outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP Z RWY 07	HM	YUMIN	Y	126(118.3)	1.0	L	-7 000 +4 000	-230	33°27'25.7"N 126°13'15.5"E	-	RNP 0.5	-

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 119 ft
HEIGHTS RELATED TO
THR RWY 07 - ELEV **87 ft**

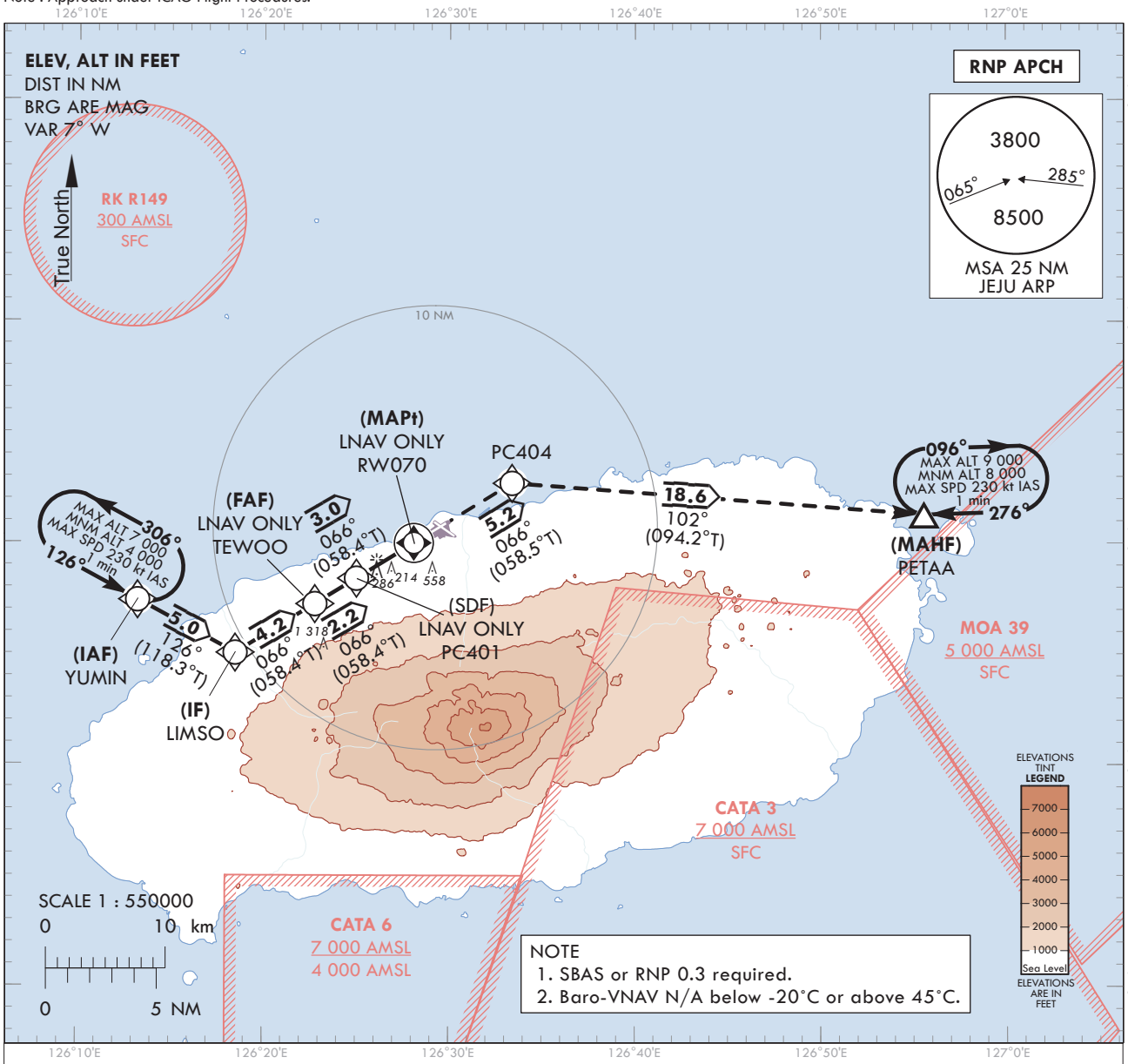
JEJU APP	121.2	
	124.05	
JEJU TWR	118.2	
	118.55	

KASS
CH52013
K07A
RDH : 50

JEJU/Jeju Intl(RKPC)

RNP Y RWY 07

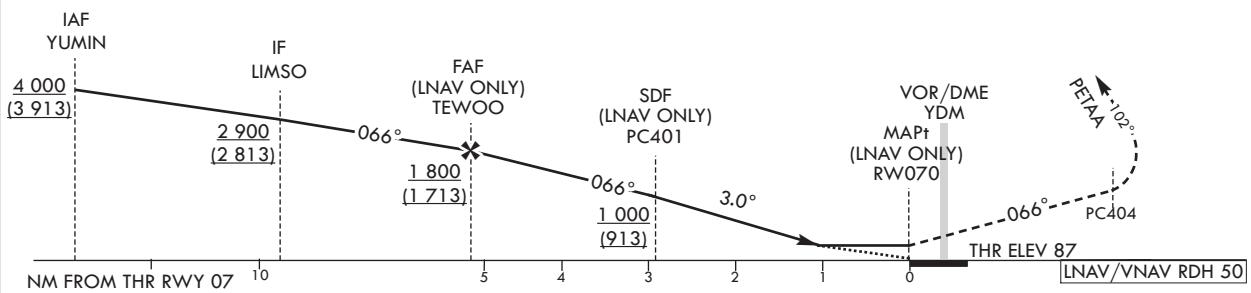
Note : Approach under ICAO Flight Procedures.



NOTE
1. SBAS or RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to 8 000 ft on track of 066° to PC404, then RIGHT turn on track of 102° to PETAA and Hold at 8 000 ft.



OCA (H)		A	B	C	D
Straight-in Approach	LPV	430 (343)			
	LNAV/VNAV	560 (473)			
	LNAV	640 (553)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP Y RWY 07

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	YUMIN	-	-	-	-	+4 000	-	33°27'25.7"N 126°13'15.5"E	-	RNP APCH	IAF
002	TF	LIMSO	-	126(118.3)	5.0	-	+2 900	-	33°25'03.0"N 126°18'31.0"E	-	RNP APCH	IF
003	TF	TEWOO	-	066(058.4)	4.2	-	+1 800	-	33°27'15.3"N 126°22'47.5"E	-	RNP APCH	FAF
004	TF	PC401	-	066(058.4)	2.2	-	+1 000	-	33°28'24.5"N 126°25'01.8"E	-	RNP APCH	SDF
005	TF	RW070	Y	066(058.4)	3.0	-	+640	-	33°29'59.6"N 126°28'06.5"E	-3.00/50	RNP APCH	MAPt
006	TF	PC404	-	066(058.5)	5.2	-	-	-	33°32'42.3"N 126°33'23.4"E	-	RNP APCH	-
007	TF	PETAA	Y	102(094.2)	18.6	-	-	-	33°31'18.0"N 126°55'34.0"E	-	RNP APCH	-
008	HM	PETAA	Y	276(268.2)	-	R	-9 000 +8 000	-230	33°31'18.0"N 126°55'34.0"E	-	RNP APCH	1 min (Outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP Y RWY 07	HM	YUMIN	Y	126(118.3)	1.0	L	-7 000 +4 000	-230	33°27'25.7"N 126°13'15.5"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

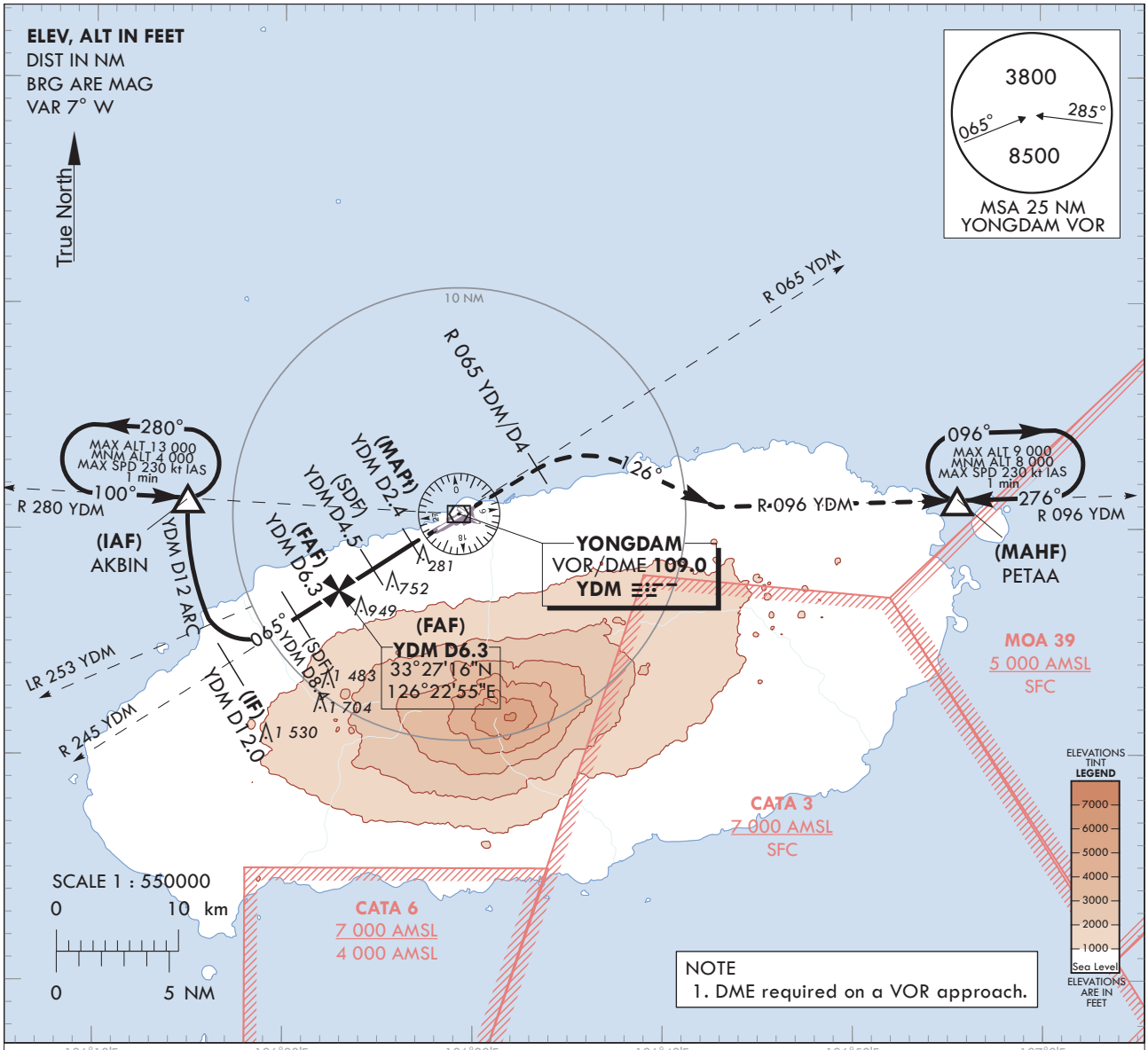
AERODROME ELEV 119 ft
HEIGHTS RELATED TO
THR RWY 07 - ELEV **87** ft

JEJU	APP	121.2
		124.05
JEJU	TWR	118.2
		118.55

JEJU/Intl(RKPC)

VOR RWY 07

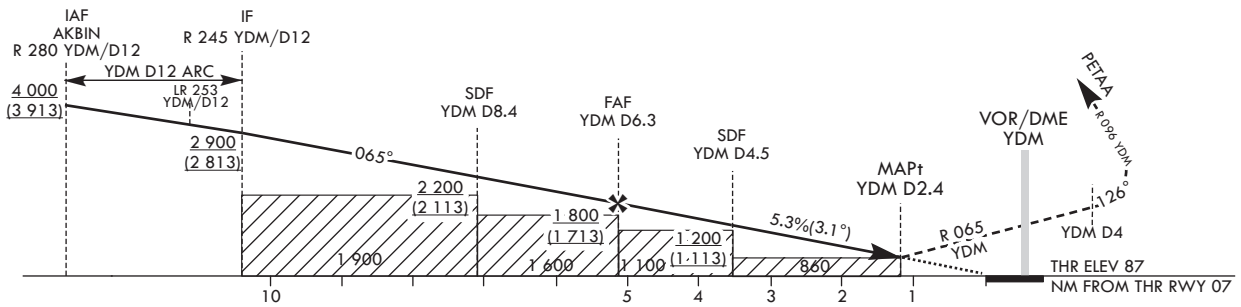
Note : Approach under ICAO Flight Procedures.



RECOMMENDED PROFILE	DME YDM	6	5	4	3.4
Final Approach Gradient 5.3%, 325 ft/NM	ALT(HGT)	1 702 (1 615)	1 377 (1 290)	1 052 (965)	860 (773)

MISSED APPROACH
Climb on R 065 YDM until 4 DME, then Right turn to intercept R 096 YDM to PETAA and Hold at 8 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)	A	B	C	D
Straight-in Approach	860 (773)			

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

JEJU/Intl(RKPC)
VOR RWY 07

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 07 from AKBIN(IAF)			
Fix/point		Coordinates	
AKBIN(IAF)	- 12 DME ARC /12.00 NM YDM	33°31'21.5"N	126°14'55.3"E
D12.0 YDM(IF)	- BRG 64.55°/12.00 NM YDM	33°24'10.5"N	126°17'12.1"E
D8.4 YDM(SDF)	- BRG 64.58°/8.40 NM YDM	33°26'07.9"N	126°20'48.9"E
D6.3 YDM(FAF)	- BRG 64.60°/6.30 NM YDM	33°27'16.3"N	126°22'55.4"E
D4.5 YDM(SDF)	- BRG 64.62°/4.50 NM YDM	33°28'14.9"N	126°24'43.9"E
D2.4 YDM(MAPt)	- BRG 64.63°/2.40 NM YDM	33°29'23.3"N	126°26'50.6"E
THR RWY 07	Final approach descent angle 3.14°(FAF - SDF) / 3.02°(SDF - THR)	33°29'59.57"N	126°28'06.50"E
YDM VOR/DME		33°30'41.3"N	126°29'15.3"E
D4.0 YDM	- BRG 64.66°/4.00 NM YDM	33°32'51.3"N	126°33'16.9"E
PETAA	- BRG 95.70°/22.00 NM YDM	33°31'18.0"N	126°55'34.0"E

INSTRUMENT APPROACH CHART - ICAO

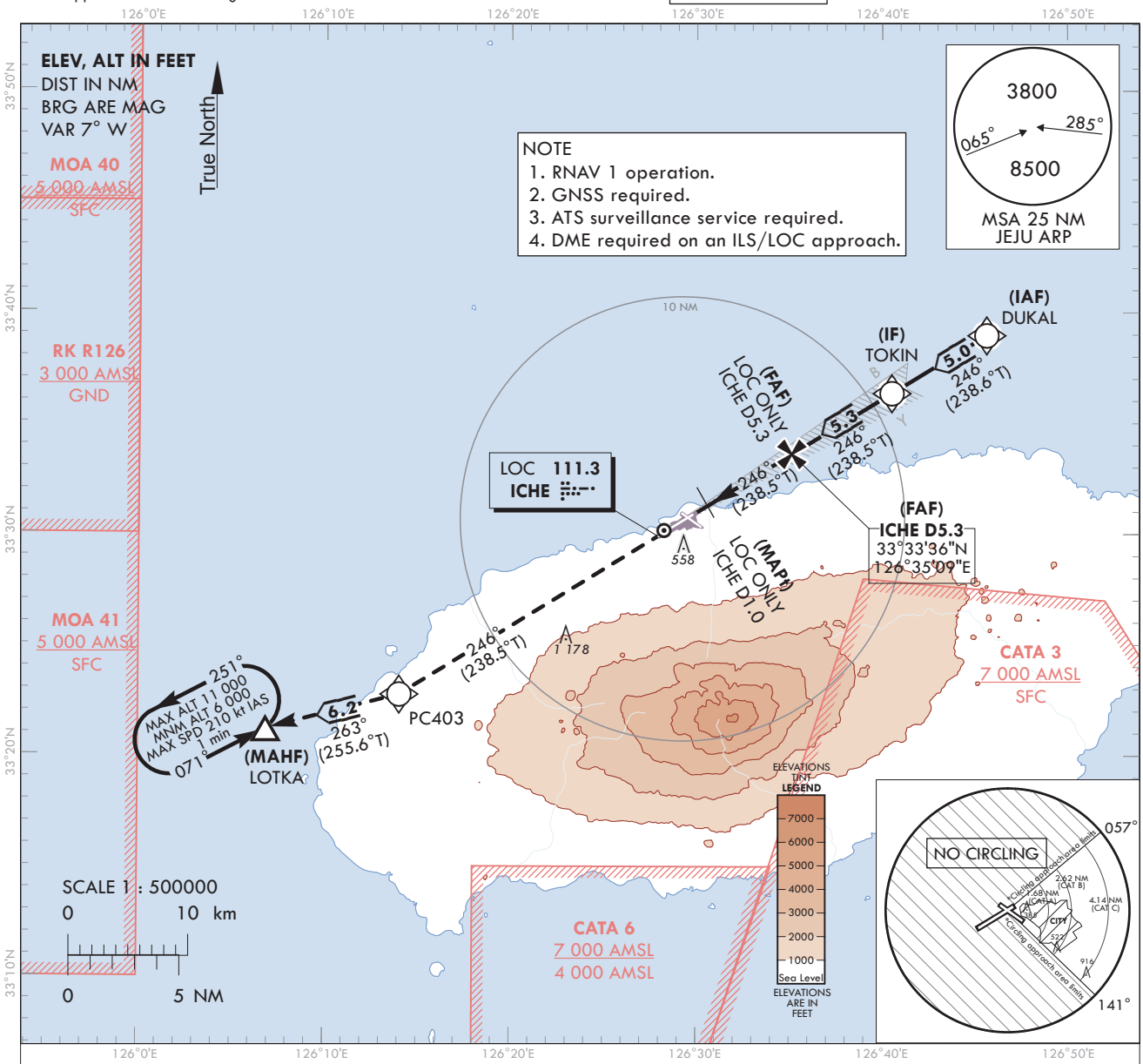
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 119 ft
HEIGHTS RELATED TO
THR RWY 25 - ELEV **76** ft

JEJU	APP	121.2 124.05
JEJU	TWR	118.2 118.55

JEJU/Jeju Intl(RKPC)

ILS Z or LOC Z RWY 25

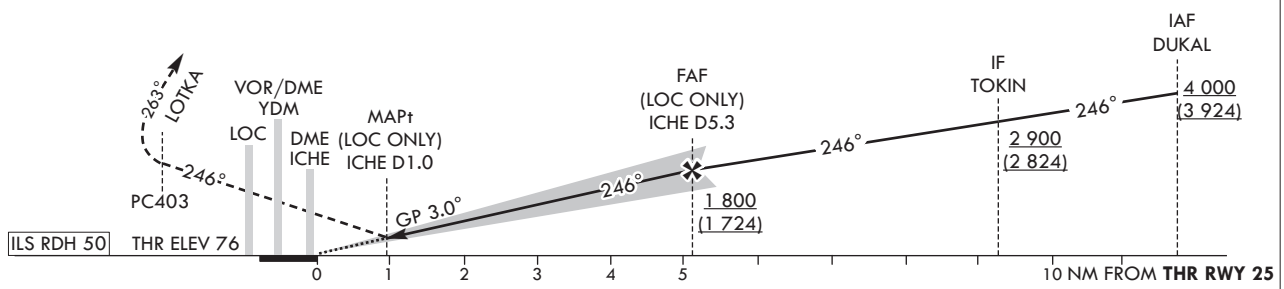


RECOMMENDED PROFILE(LOC ONLY)	DME ICHE	5	4	3	2	1.0
Final Approach Gradient 5.32%, 323 ft/NM	ALT(HGT)	1 691 (1 615)	1 368 (1 292)	1 045 (969)	722 (646)	400 (324)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH

Climb to 6 000 ft on track of 246° to PC403, then RIGHT turn on track of 263° to LOTKA and Hold at 6000 ft.



OCA (H)		A	B	C	D	DL
Straight-in Approach	CAT-I	276 (200)				
	LOC	540 (464)				
Circling		680 (561)	890 (771)	1 380 (1 261)	N/A	

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* OCH for Circling realated to aerodrome ELEV 119 ft.

Change : Information of landing minima(OCA(H)).

JEJU/Jeju Intl(RKPC)
ILS Z or LOC Z RWY 25

AERONAUTICAL DATA TABULATION

ILS Z or LOC Z Approach to RWY 25 from DUKAL(IAF)		
Fix/point		Coordinates
DUKAL(IAF)		33°38'58.6"N 126°45'38.8"E
TOKIN(IF)	BRG 246.03°/5.00 NM	33°36'21.9"N 126°40'32.2"E
D5.3 ICHE(FAF LOC only)	BRG 245.98°/5.34 NM ICHE	33°33'36.4"N 126°35'08.7"E
D1.0 ICHE(MAPt LOC only)	BRG 245.93°/1.00 NM ICHE	33°31'20.0"N 126°30'43.0"E
THR RWY 25		33°30'53.56"N 126°29'51.51"E
DME ICHE		33°30'51.4"N 126°29'39.1"E
PC403		33°22'44.4"N 126°14'03.0"E
LOTKA		33°21'11.1"N 126°06'52.2"E

INSTRUMENT APPROACH CHART - ICAO

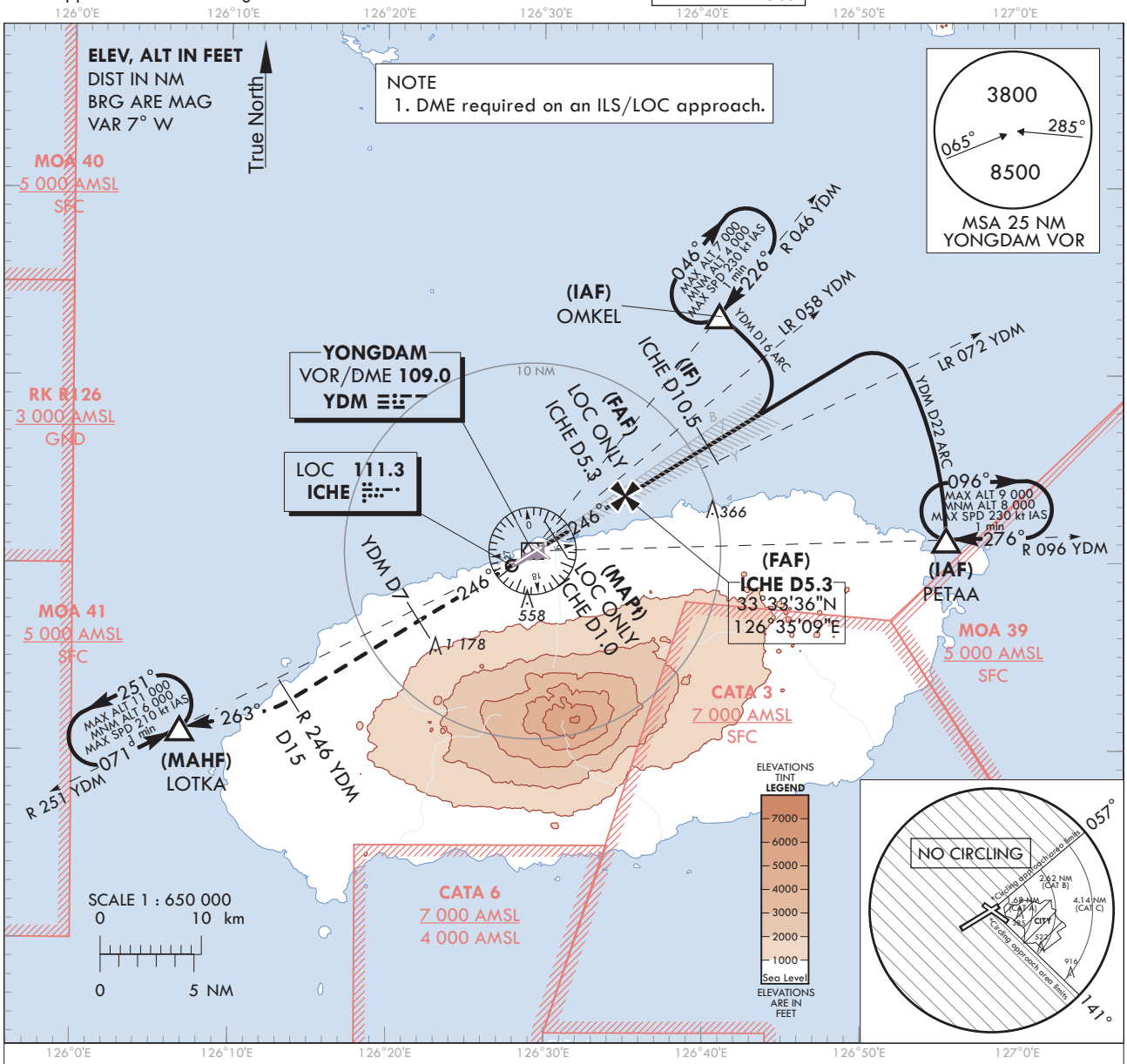
Note : Approach under ICAO Flight Procedure.

AERODROME ELEV 119 ft
HEIGHTS RELATED TO
THR RWY 25 - ELEV **76** ft

JEJU	APP	121.2 124.05
JEJU	TWR	118.2 118.55

JEJU/Jeju Intl(RKPC)

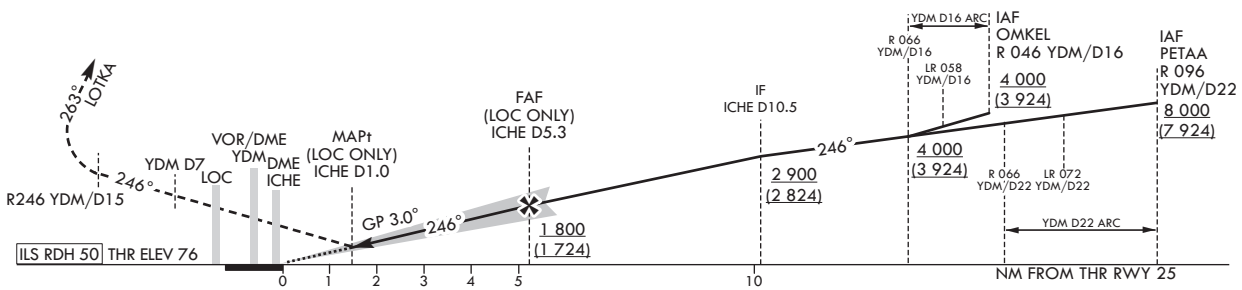
ILS Y or LOC Y RWY 25



RECOMMENDED PROFILE(LOC ONLY)	DME ICHE	5	4	3	2	1.0
Final Approach Gradient 5.32%, 323 ft/NM	ALT(HGT)	1 691 (1 615)	1 368 (1 292)	1 045 (969)	722 (646)	400 (324)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSDED APPROACH
Climb straight ahead untill YDM D7 to Intercept R 246 YDM/D15 turn RIGHT HDG 263° to LOTKA and Hold at 6 000 ft.
NOTE
1. Missed approach turn limited to maximum of 210 kt IAS.



OCA (H)		A	B	C	D	DL
Straight-in Approach	CAT-I	276 (200)				
	LOC	540 (464)				
Circling		680 (561)	890 (771)	1 380 (1 261)	N/A	

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* OCH for Circling realated to aerodrome ELEV 119 ft.

Change : Information of landing minima(OCA(H)).

AERONAUTICAL DATA TABULATION

ILS Y or LOC Y Approach to RWY 25 from OMKEL(IAF) or PETAA(IAF)		
Fix/point		Coordinates
OMKEL(IAF)	16 DME ARC /16.00 NM YDM	33°43'16.2"N 126°41'08.0"E
PETAA(IAF)	22 DME ARC /22.00 NM YDM	33°31'18.0"N 126°55'34.0"E
D10.5 ICHE(IF)	BRG 245.98°/10.50 NM ICHE	33°36'18.2"N 126°40'24.9"E
D5.3 ICHE(FAF LOC only)	BRG 245.93°/5.34 NM ICHE	33°33'36.4"N 126°35'08.7"E
D1.0 ICHE(MAPt LOC only)	BRG 245.93°/1.00 NM ICHE	33°31'20.0"N 126°30'43.0"E
THR RWY 25		33°30'53.56"N 126°29'51.51"E
DME ICHE		33°30'51.4"N 126°29'39.1"E
YDM VOR/DME		33°30'41.3"N 126°29'15.3"E
D7.0 YDM	BRG 246.34°/7.00 NM YDM	33°26'59.7"N 126°22'08.6"E
D15.0 YDM	BRG 245.59°/15.00 NM YDM	33°22'45.9"N 126°14'01.5"E
LOTKA	BRG 262.70°/21.00 NM YDM	33°21'11.1"N 126°06'52.2"E

INSTRUMENT APPROACH CHART - ICAO

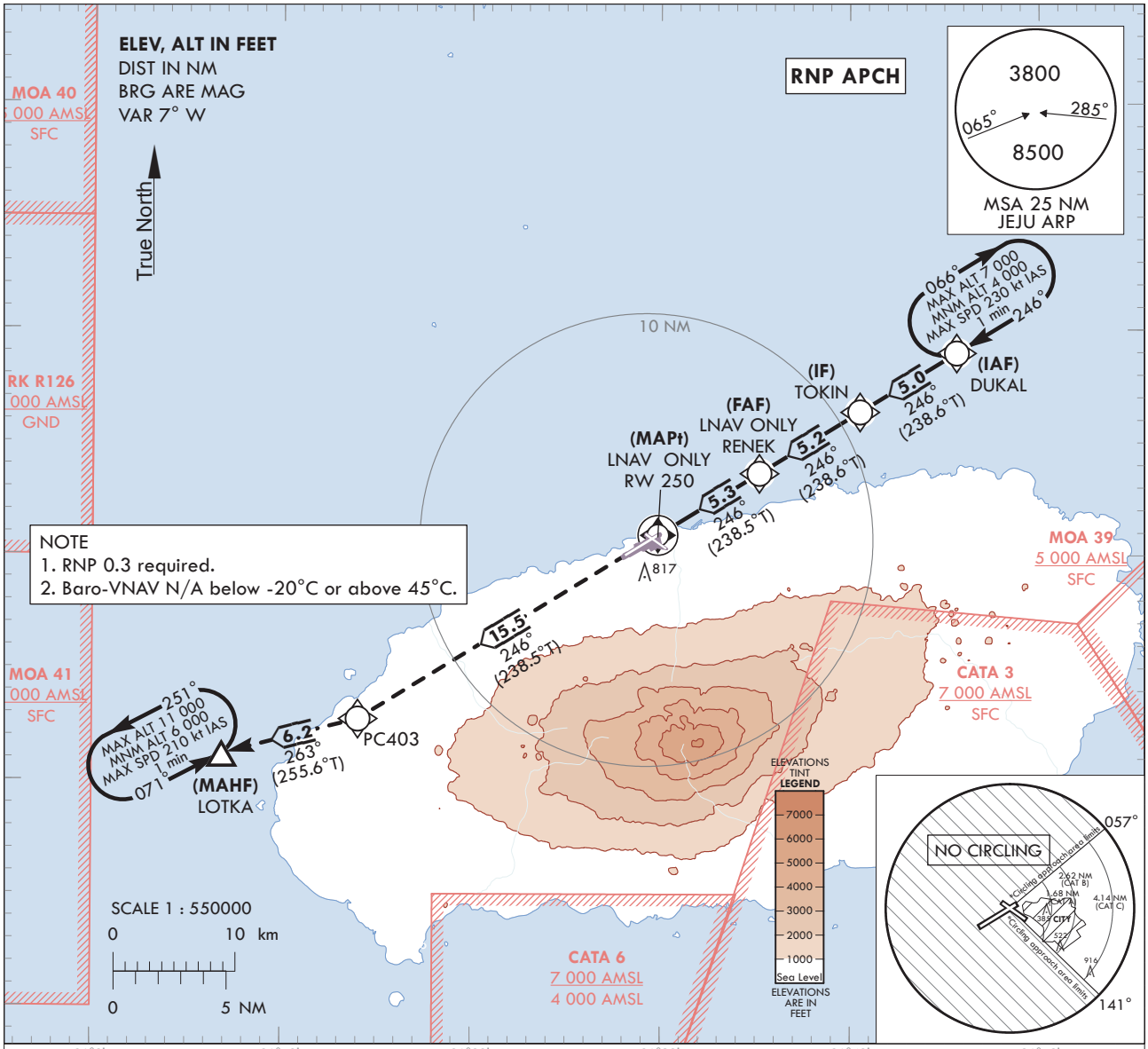
AERODROME ELEV 119 ft
HEIGHTS RELATED TO
THR RWY 25 - ELEV **76** ft

JEJU	APP	121.2 124.05
JEJU	TWR	118.2 118.55

JEJU/Jeju Intl(RKPC)

RNP RWY 25

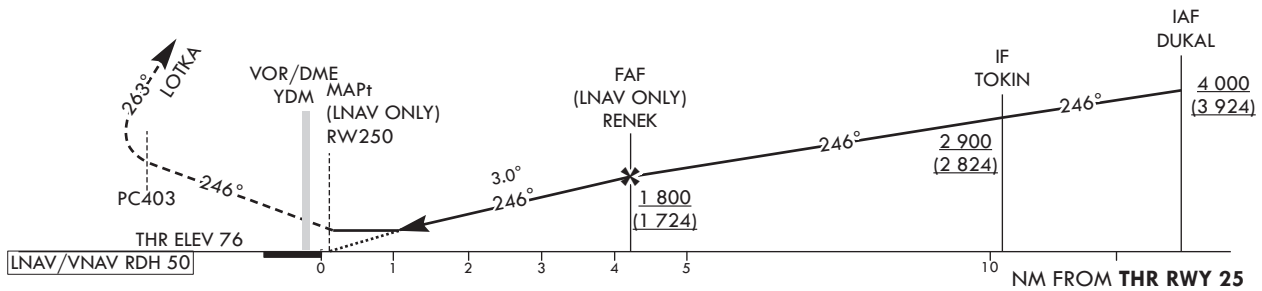
Note : Approach under ICAO Flight Procedures.



NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to 6 000 ft on track of 246° to PC403, then RIGHT turn on track of 263° to LOTKA and hold at 6000 ft.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	620 (544)			
	LNAV	810 (734)			
Circling		680 (561)	890 (771)	1 380 (1 261)	N/A

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	319	478	637	797	956

* Timing Not authorized for defining MAPt.
* OCH for Circling realated to aerodrome ELEV 119 ft.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 25

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	DUKAL	-	-	-	-	+4 000	-	33°38'58.6"N 126°45'38.8"E	-	RNP APCH	IAF
002	TF	TOKIN	-	246(238.6)	5.0	-	+2 900	-	33°36'21.9"N 126°40'32.2"E	-	RNP APCH	IF
003	TF	RENEK	-	246(238.6)	5.2	-	+1 800	-	33°33'38.6"N 126°35'13.1"E	-	RNP APCH	FAF
004	TF	RW250	Y	246(238.5)	5.3	-	+810	-	33°30'53.6"N 126°29'51.5"E	-3.00/50	RNP APCH	MAPt
005	TF	PC403	-	246(238.5)	15.5	-	-	-	33°22'44.4"N 126°14'03.0"E	-	RNP APCH	-
006	TF	LOTKA	Y	263(255.6)	6.2	-	-	-	33°21'11.1"N 126°06'52.2"E	-	RNP APCH	-
007	HM	LOTKA	Y	071(063.2)	-	L	-11 000 +6 000	-210	33°21'11.1"N 126°06'52.2"E	-	RNP APCH	1 min (Outbound timing)

HOLDING PROCEDURE

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	TIME (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP RWY 25	HM	DUKAL	Y	246(238.6)	1.0	R	-7 000 +4 000	-230	33°38'58.6"N 126°45'38.8"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

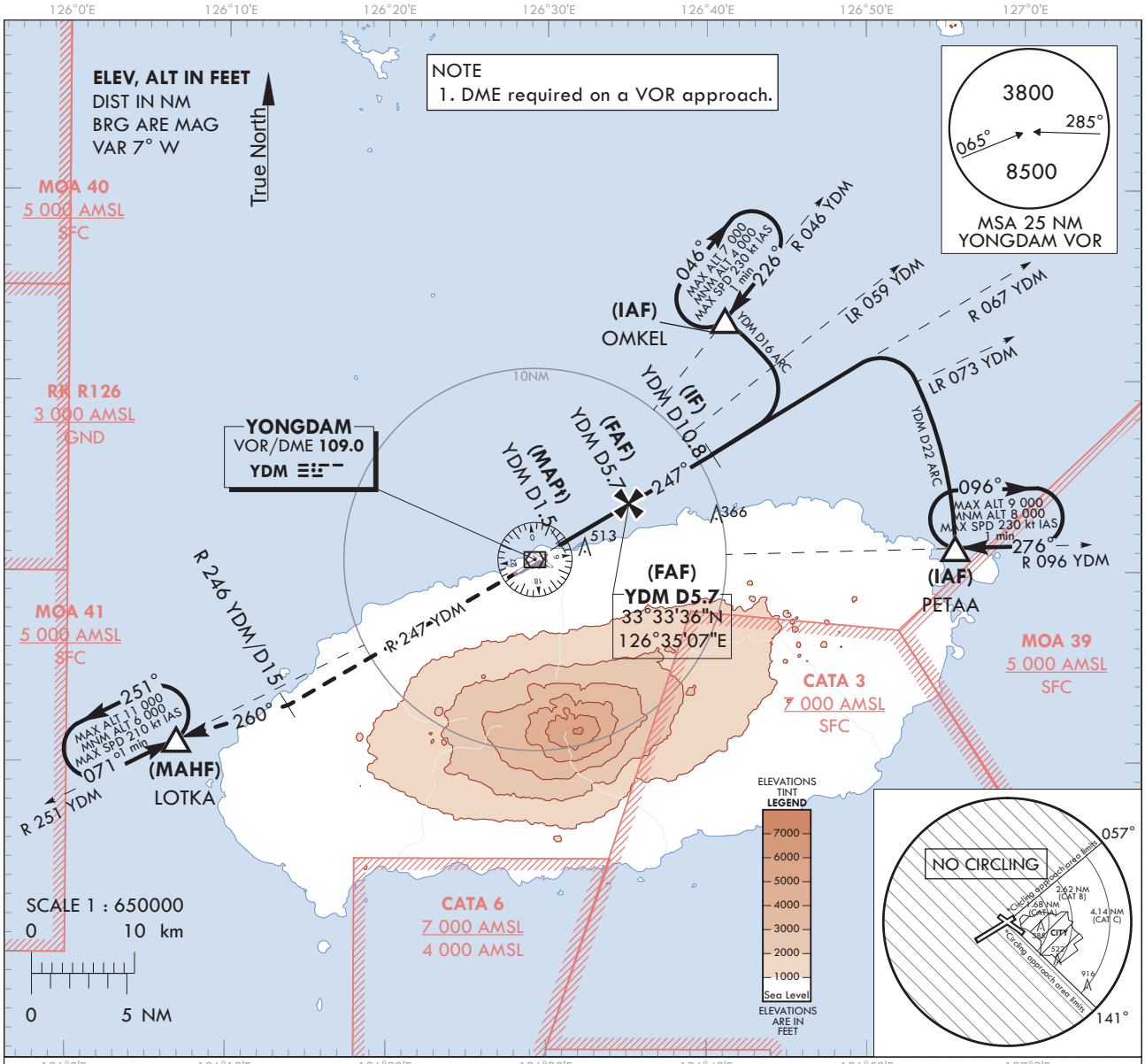
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 119 ft
HEIGHTS RELATED TO
THR RWY 25 - ELEV **76** ft

JEJU APP	121.2
	124.05
JEJU TWR	118.2
	118.55

JEJU/Jeju Intl(RKPC)

VOR RWY 25

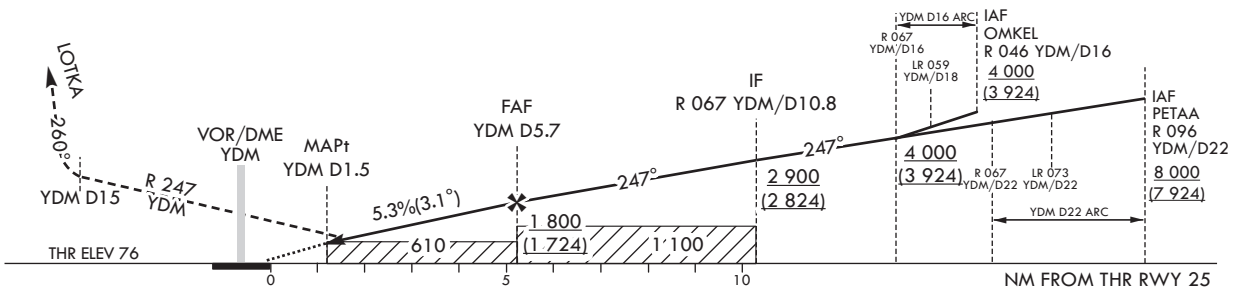


MISSED APPROACH

Climb on R 247 YDM until 15 DME, then turn Right HDG 260° to LOTKA and Hold at 6 000 ft.

RECOMMENDED PROFILE	DME YDM	5	4	3	2.2
Final Approach Gradient 5.34%, 325 ft/NM	ALT(HGT)	1 573 (1 497)	1 248 (1 172)	924 (848)	650 (574)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)	A	B	C	D
Straight-in Approach	610 (534)			
Circling	680 (561)	890 (771)	1 380 (1 261)	N/A

* Timing Not authorized for defining MAPt.
* OCH for Circling realated to aerodrome ELEV 119 ft.

Change : Information of landing minima(OCA(H)).

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 25 from OMKEL(IAF) or PETAA(IAF)			
Fix/point		Coordinates	
OMKEL(IAF)	- 16 DME ARC/16.00 NM YDM	33°43'16.2"N	126°41'08.0"E
PETAA(IAF)	- 22 DME ARC/22.00 NM YDM	33°31'18.0"N	126°55'34.0"E
D10.8 YDM(IF)	- BRG 246.76°/10.80 NM YDM	33°36'12.8"N	126°40'22.1"E
D5.7 YDM(FAF)	- BRG 246.76°/5.70 NM YDM	33°33'36.4"N	126°35'07.1"E
D1.5 YDM(MAPt)	- BRG 246.71°/1.50 NM YDM	33°31'27.2"N	126°30'47.4"E
THR RWY 25	Final approach descent angle 3.06°	33°30'53.56"N	126°29'51.51"E
YDM VOR/DME		33°30'41.3"N	126°29'15.3"E
D15.0 YDM	- BRG 246.67°/15.00 NM YDM	33°22'59.4"N	126°13'51.7"E
LOTKA	- BRG 260.35°/21.00 NM YDM	33°21'11.1"N	126°06'52.2"E

3. Apron Control Services

Gimhae Apron provides ATC clearance delivery to aircraft and issues instructions, approval, and/or necessary information to aircraft, vehicles, and personnel within the domestic apron, international apron 1 and 2 areas.

4. Departure Procedure

4.1 ATC clearance

Departing IFR flights shall contact Gimhae Delivery(121.725 MHz) to obtain ATC clearance at least 5 minutes prior to TOBT/push-back.

4.2 Procedures for start-up and push-back

1) Pilot shall ensure aircraft is ready for push-back at TOBT.

2) Pilot shall maintain communication with the AO / GHA as they are responsible for updating the TOBT. Pilot shall notify the AO / GHA to update the TOBT if it is expected to differ by 5 minutes or more.

3) When ready to push-back, aircraft contact Gimhae Apron and provide the following :

a. Call sign
b. Gate or stand number
c. Release time(if necessary)

4) Ground crews (Ground handler, aircraft maintenance) must ensure that the area behind the aircraft shall be clear of vehicles, equipment and other OBST prior to engine start-up or aircraft push back for smooth and safety aircraft movements.

5) A pilot shall confirm with ground crews (Ground handler, aircraft maintenance) whether there is no hazard to the aircraft starting up. The pilot shall not ask an Gimhae Apron for engine start-up and push back until its safety check-up is fully confirmed. If there is any elements posing a potential failure, the pilot shall ask the Gimhae Apron for push back only. After moving and standing the aircraft at a safety area, the pilot can ask the engine start-up.

6) All aircraft to be taxied within the Apron shall fix their engine thrust on an Idle. In case of using breakaway thrust, it should be used to a minimum.

7) The following table describe the procedures for the push-back of aircraft from the various aircraft stands. When it becomes necessary to vary a procedure to expedite aircraft movements, Gimhae Apron Control will specify instructions to the pilot.

Aircraft stands	Pushback Procedures	Phraseology
1 - 9, 19 - 24, 26 - 29	The ACFT shall be pushed back to face south (or north).	Push back approved, to face south (or north)
10	The ACFT shall be pushed back to face south (or north).	Push back approved, to face south (or north)
	When the ACFT is required to perform one-engine start using ASU(Air Start Unit) on the ACFT stand, ground crews must ensure that the area behind the ACFT shall be clear of vehicles, equipment and other OBST prior to engine start-up.	-
11	The ACFT shall be pushed back till its nosewheel is at the start point 4 (or pushed back to face north).	Push back approved, to start-point 4 (or to face north)
	When the ACFT is required to perform one-engine start using ASU(Air Start Unit) on the ACFT stand, ground crews must ensure that the area behind the ACFT shall be clear of vehicles, equipment and other OBST prior to engine start-up.	-
25	The ACFT shall be pushed back to face south (or north).	Push back approved, to face south (or north)
	Self-maneuvering is permitted for ACFT both a wingspan and a length less than 31 m. Ground crews(ground handler, aircraft maintenance) must ensure that the area near the self-maneuvering path shall be clear of vehicles, equipment and other OBST prior to engine start-up for smooth and safety aircraft movements.	-
41	The ACFT shall be pushed back and towing forward till its nosewheel is at the start point 1.	Push back approved, to start-point 1
12, 31 - 38, 42 - 48	The ACFT shall be pushed back till its nosewheel is at the intersection of lead-in line and taxi lane.	Push back approved
52, 55 55L, 55R	The ACFT shall be pushed back till its nosewheel is at the start point 2(or 3).	Push back approved, to start-point 2(or 3)
53, 53L, 53R, 54, 54L, 54R	The ACFT shall be pushed back till its nosewheel is at the start point 2.	Push back approved, to start-point 2
51, 58, 58L, 58R	The ACFT shall be pushed back till its nosewheel is at the start point 3.	Push back approved, to start-point 3
51L	The ACFT shall be pushed back till its nosewheel is at the start point 3.	Push back approved, to start-point 3
	When 51R stand is occupied by ACFT with a wingspan less than 20.01 m or unoccupied, self-maneuvering is permitted for ACFT with a wingspan less than 20.01 m.	-
51R	The aircraft shall be pushed back till its nosewheel is at the start point 3.	Push back approved, to start-point 3
	When 51L stand is occupied by ACFT with a wingspan less than 20.01 m or unoccupied, self-maneuvering is permitted for ACFT with a wingspan less than 20.01 m.	-
57	The ACFT shall be pushed back till its nose-tip is crossed east side of GSE road and faces west.	Push back approved, to face west

Change : Information of pushback procedures for ACFT stand NR. 25.

INSTRUMENT APPROACH CHART - ICAO

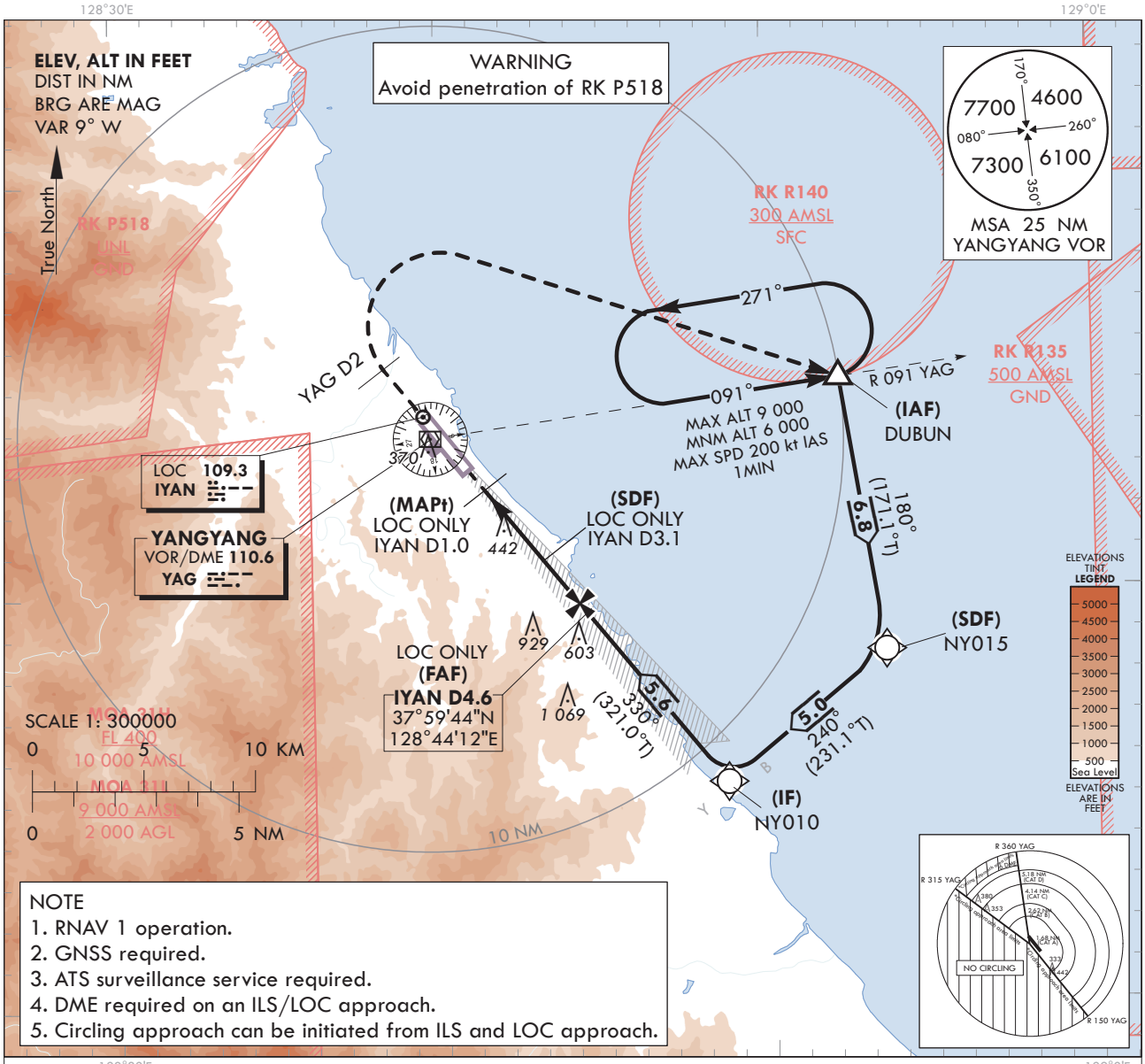
AERODROME ELEV **241** ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

GANGNEUNG	APP	124.6
YANGYANG	TWR	118.85
		124.375

YANGYANG/Intl(RKNY)

ILS Z or LOC Z RWY 33

Note : Approach and circle-to-land Under ICAO Flight Procedures.



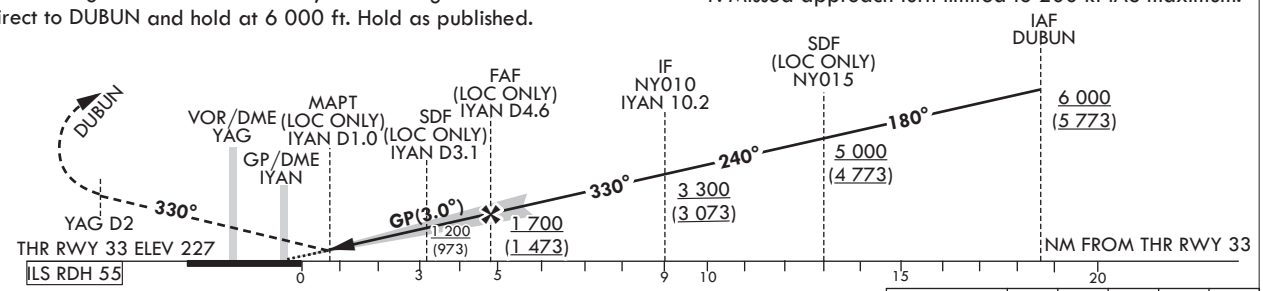
NOTE
1. RNAV 1 operation.
2. GNSS required.
3. ATS surveillance service required.
4. DME required on an ILS/LOC approach.
5. Circling approach can be initiated from ILS and LOC approach.

RECOMMENDED PROFILE(LOC ONLY)	DME IYAN	4	3	2
Final Approach Gradient 5.31%(323 ft/NM)	ALT(HGT)	1 523 (1 296)	1 200 (973)	878 (651)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb straight ahead until YAG D2, then turn right direct to DUBUN and hold at 6 000 ft. Hold as published.

NOTE
1. Missed approach turn limited to 200 kt IAS maximum.



Knots	60	90	120	150	180
Rate of descent V/V fpm	318	478	637	796	955

OCA (H)		A	B	C	D
Straight-in Approach	CAT I	427 (200)			
	LOC	700 (473)			
Circling		700 (459)	740 (499)	1 210 (969)	1 230 (989)

*Timing Not authorized for defining MAPt.
*Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.

Change : Information of landing minima(OCA(H)).

YANGYANG/Intl(RKNY)
ILS Z or LOC Z RWY 33

AERONAUTICAL DATA TABULATION

ILS/LOC Z Approach to RWY 33 from DUBUN		
Fix/Point		Coordinates
DUBUN(IAF)		38°05'14.5"N 128°52'13.8"E
NY015(SDF)		37°58'31.2"N 128°53'33.6"E
NY010(IF)		37°55'22.3"N 128°48'38.8"E
D4.6 IYAN(FAF LOC ONLY)	BRG 329.92° / 4.55 NM IYAN	37°59'43.9"N 128°44'11.5"E
D3.1 IYAN(SDF LOC ONLY)	BRG 329.92° / 3.10 NM IYAN	38°00'51.7"N 128°43'02.1"E
D1.0 IYAN(MAPt LOC ONLY)	BRG 329.92° / 1.00 NM IYAN	38°02'29.7"N 128°41'21.8"E
THR RWY 33		38°03'09.21"N 128°40'41.25"E
IYAN DME		38°03'13.8"N 128°40'30.0"E
D2 YAG	HDG 330	38°05'28.5"N 128°38'18.4"E
DUBUN	R 091 YAG/ 10.00 NM YAG	38°05'14.5"N 128°52'13.8"E

INSTRUMENT APPROACH CHART - ICAO

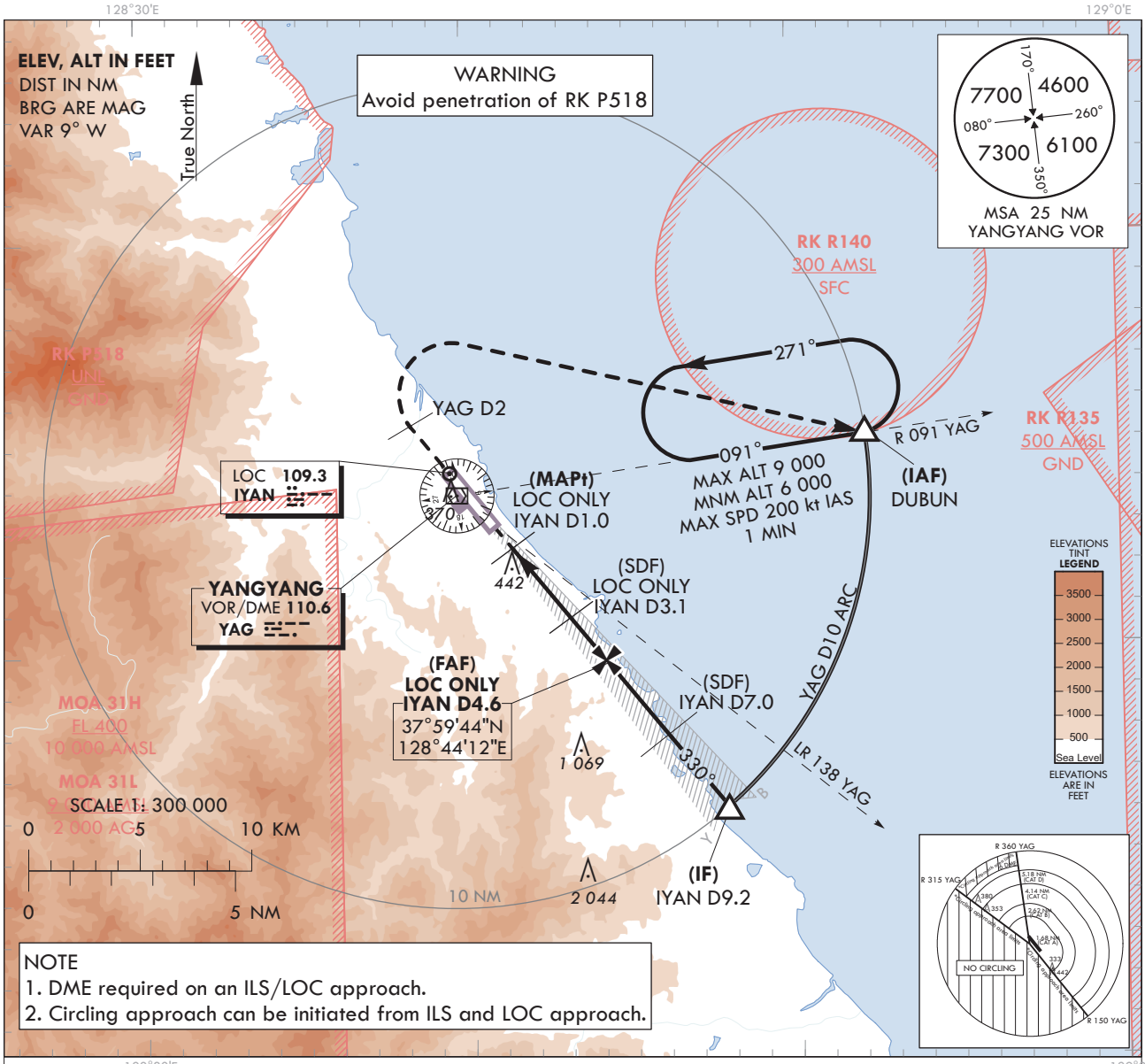
AERODROME ELEV **241** ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

GANGNEUNG	APP	124.6
YANGYANG	TWR	118.85
		124.375

YANGYANG/Intl(RKNY)

ILS Y or LOC Y RWY 33

Note : Approach and circle-to-land Under ICAO Flight Procedures.

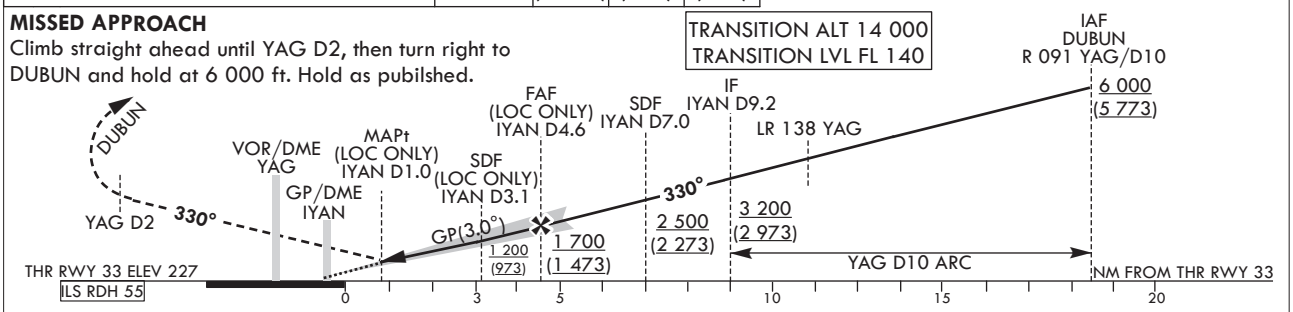


NOTE
1. DME required on an ILS/LOC approach.
2. Circling approach can be initiated from ILS and LOC approach.

RECOMMENDED PROFILE(LOC ONLY)	DME IYAN	4	3	2
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 523 (1 296)	1 200 (973)	878 (651)

NOTE
Missed approach turn limited to 200 kt IAS maximum.

MISSED APPROACH
Climb straight ahead until YAG D2, then turn right to DUBUN and hold at 6 000 ft. Hold as pubilshed.



OCA (H)		A	B	C	D
Straight-in Approach	CAT I	427 (200)			
	LOC	700 (473)			
Circling		700 (459)	740 (499)	1 210 (969)	1 230 (989)

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	318	478	637	796	955

*Timing Not authorized for defining MAPt.
*Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.

Change : Information of landing minima(OCA(H)).

YANGYANG/Intl(RKNY)
ILS Y or LOC Y RWY 33

AERONAUTICAL DATA TABULATION

ILS/LOC Y Approach to RWY 33 from DUBUN		
Fix/Point		Coordinates
DUBUN(IAF)		38°05'14.5"N 128°52'13.8"E
D9.2 IYAN(IF)	BRG 329.92° / 9.16 NM IYAN	37°56'08.9"N 128°47'51.2"E
D7.0 IYAN(SDF)	BRG 329.92° / 7.00 NM IYAN	37°57'49.6"N 128°46'08.4"E
D4.6 IYAN(FAF LOC ONLY)	BRG 329.92° / 4.55 NM IYAN	37°59'43.9"N 128°44'11.5"E
D3.1 IYAN(SDF LOC ONLY)	BRG 329.92° / 3.10 NM IYAN	38°00'51.7"N 128°43'02.1"E
D1.0 IYAN(MAPt LOC ONLY)	BRG 329.92° / 1.00 NM IYAN	38°02'29.7"N 128°41'21.8"E
THR RWY 33		38°03'09.21"N 128°40'41.25"E
IYAN DME		38°03'13.8"N 128°40'30.0"E
D2 YAG	HDG 330	38°05'28.5"N 128°38'18.4"E
DUBUN	R 091 YAG/ 10.00 NM YAG	38°05'14.5"N 128°52'13.8"E

INSTRUMENT APPROACH CHART - ICAO

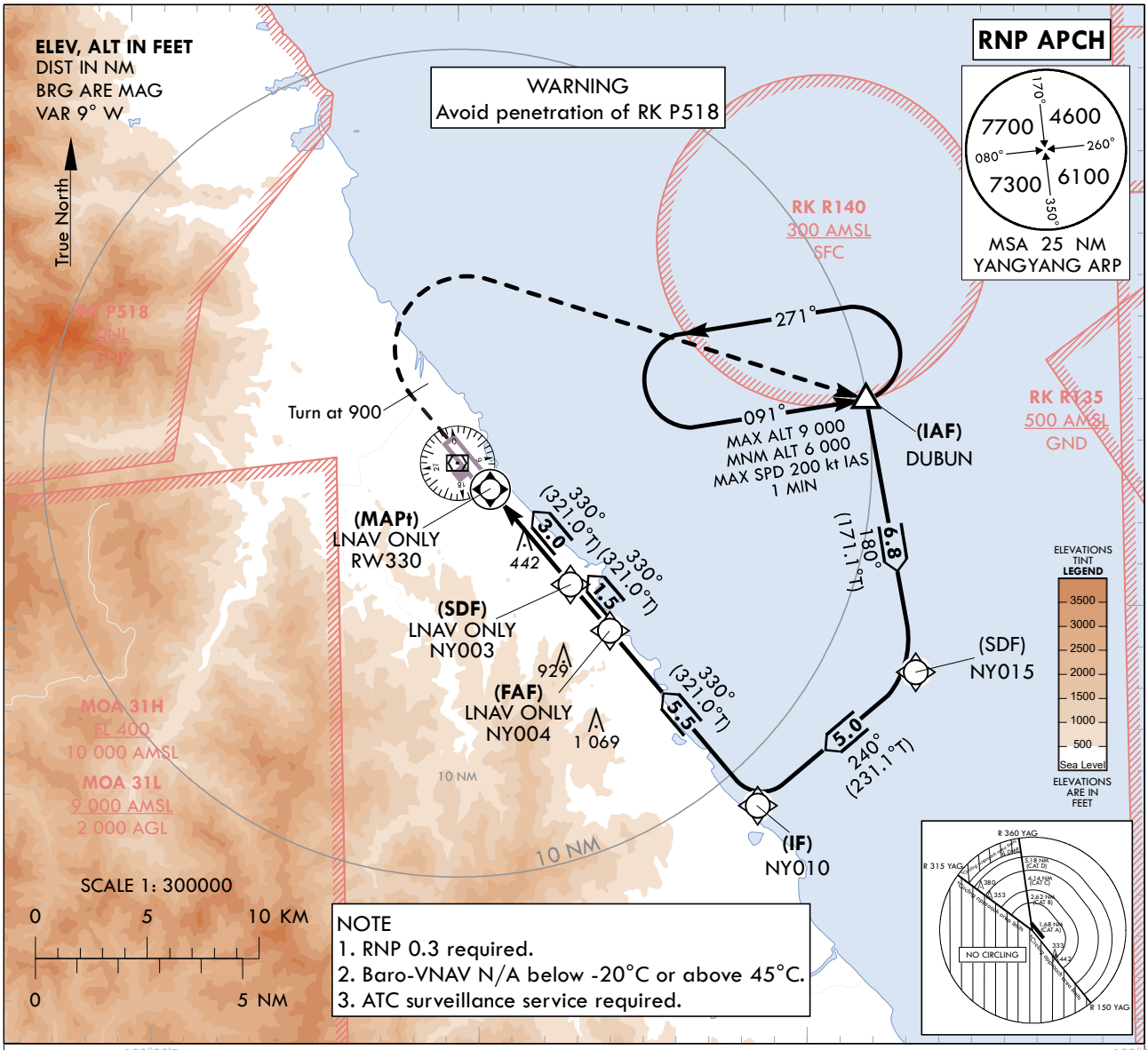
AERODROME ELEV **241 ft**
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

GANGNEUNG YANGYANG	APP	124.6
	TWR	118.85
		124.375

YANGYANG/Intl(RKNY)

RNP RWY 33

Note : Approach and circle-to-land Under ICAO Flight Procedures.

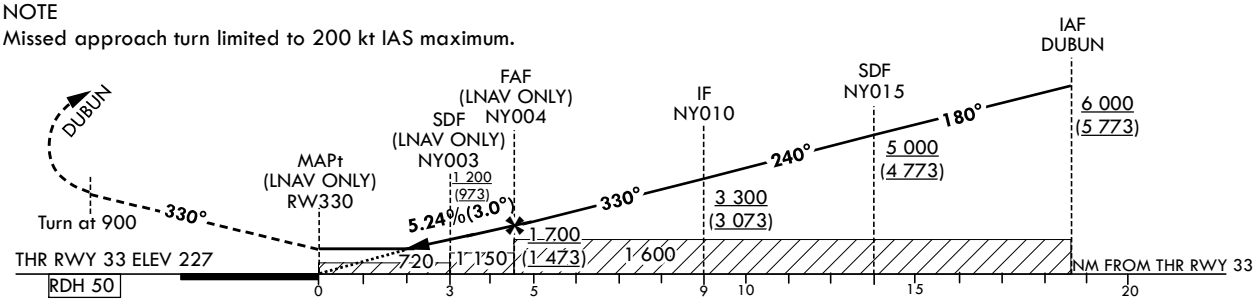


NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.
3. ATC surveillance service required.

MISSED APPROACH
Climb on HDG 330° to 900 ft,
then turn right to DUBUN and hold at 6 000 ft. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE
Missed approach turn limited to 200 kt IAS maximum.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	640 (413)			
	LNAV	720 (493)			
Circling		720 (479)	740 (499)	1 210 (969)	1 230 (989)

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	318	478	637	796	955

*Timing Not authorized for defining MAPt.
*Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 33 - via DUBUN(IAF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH*	Navigation specification	Remarks
001	IF	DUBUN	-	-	-	-	+6 000	-	38°05'14.5"N 128°52'13.8"E	-	RNP APCH	IAF
002	TF	NY015	-	180(171.1)	6.8	-	+5 000	-	37°58'31.2"N 128°53'33.6"E	-	RNP APCH	SDF
003	TF	NY010	-	240(231.1)	5.0	-	+3 300	-	37°55'22.3"N 128°48'38.8"E	-	RNP APCH	IF
004	TF	NY004	-	330(321.0)	5.5	-	+1 700	-	37°59'40.6"N 128°44'14.9"E	-	RNP APCH	FAF
005	TF	NY003	-	330(321.0)	1.5	-	+1 200	-	38°00'49.2"N 128°43'04.7"E	-	RNP APCH	SDF
006	TF	RW330	Y	330(321.0)	3.0	-	+720	-	38°03'09.21"N 128°40'41.25"E	-3.00/50	RNP APCH	MAPt
007	VA	ALT	Y	330(321.0)	-	R	+900	-200	-	-	RNP APCH	-
008	DF	DUBUN	Y	-	-	L	@6 000	-200	38°05'14.5"N 128°52'13.8"E	-	RNP APCH	MAHF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (Min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH*	Navigation specification	Remarks
RNP RWY 33	HM	DUBUN	Y	091(081.7)	1	L	-9 000 +6 000	-200	38°05'14.5"N 128°52'13.8"E	-	RNAV 1	1 MIN (Outbound Leg)

* The term TCH equates to the use of the term RDH, within this context of the FAS data block.

INSTRUMENT APPROACH CHART - ICAO

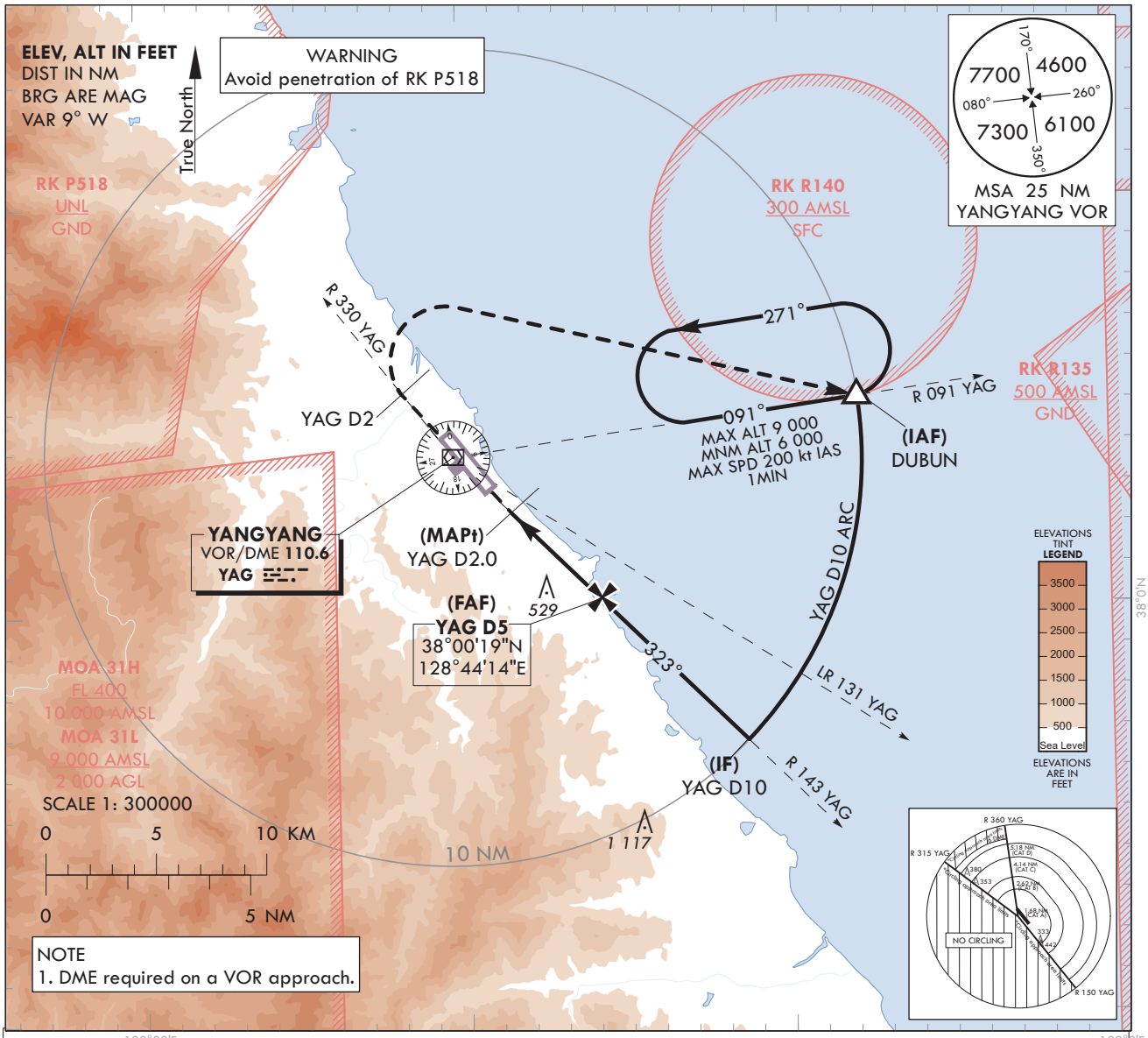
AERODROME ELEV **241** ft
HEIGHTS RELATED TO
THR RWY 33 - ELEV **227** ft

GANGNEUNG	APP	124.6
YANGYANG	TWR	118.85
		124.375

YANGYANG/Intl(RKNY)

VOR RWY 33

Note : Approach and circle-to-land Under ICAO Flight Procedures.



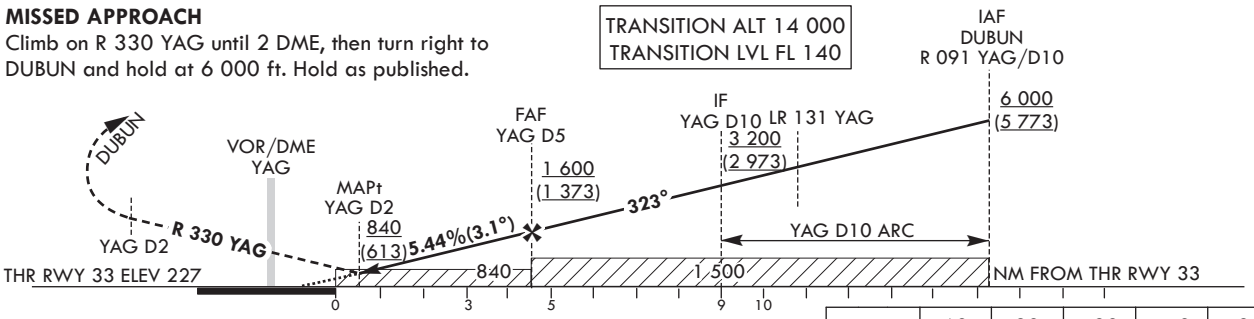
NOTE
1. DME required on a VOR approach.

RECOMMENDED PROFILE	DME YAG	5	4	3
Final Approach Gradient 5.44%, 330 ft/NM	ALT(HGT)	1600 (1 373)	1 269 (1 042)	938 (711)

NOTE
Missed approach turn limited to 200 kt IAS maximum.

MISSED APPROACH
Climb on R 330 YAG until 2 DME, then turn right to DUBUN and hold at 6 000 ft. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



	Knots	60	90	120	150	180
Rate of descent	V/V fpm	330	496	661	826	991

OCA (H)	A	B	C	D
Straight-in Approach	840 (613)			
Circling	840 (599)	840 (599)	1 210 (969)	1 230 (989)

*Timing Not authorized for defining MAPt.
*Circling Not authorized west of RWY 15-33, area on between R 150 and R 315 YAG and area beyond 6 DME of between R 315 and R 360 YAG.

Change : Information of landing minima(OCA(H)).

YANGYANG/Intl(RKNY)
VOR RWY 33

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 33 from DUBUN		
Fix/Point		Coordinates
DUBUN(IAF)		38°05'14.5"N 128°52'13.8"E
D10.0 YAG(IF)	BRG 323.00° / 10.00 NM YAG	37°56'49.6"N 128°48'46.6"E
D5.0 YAG(FAF)	BRG 323.00° / 5.00 NM YAG	38°00'18.8"N 128°44'14.2"E
D2.0 YAG(MAPt)	BRG 323.00° / 2.00 NM YAG	38°02'24.3"N 128°41'30.7"E
THR RWY 33	Final Approach Descent Angle 3.11°	38°03'09.21"N 128°40'41.25"E
YAG VOR/DME		38°03'48.0"N 128°39'41.3"E
D2 YAG	R 330 YAG/ 2.00 NM YAG	38°05'21.3"N 128°38'06.0"E
DUBUN	R 091 YAG/ 10.00 NM YAG	38°05'14.5"N 128°52'13.8"E

INSTRUMENT APPROACH CHART - ICAO

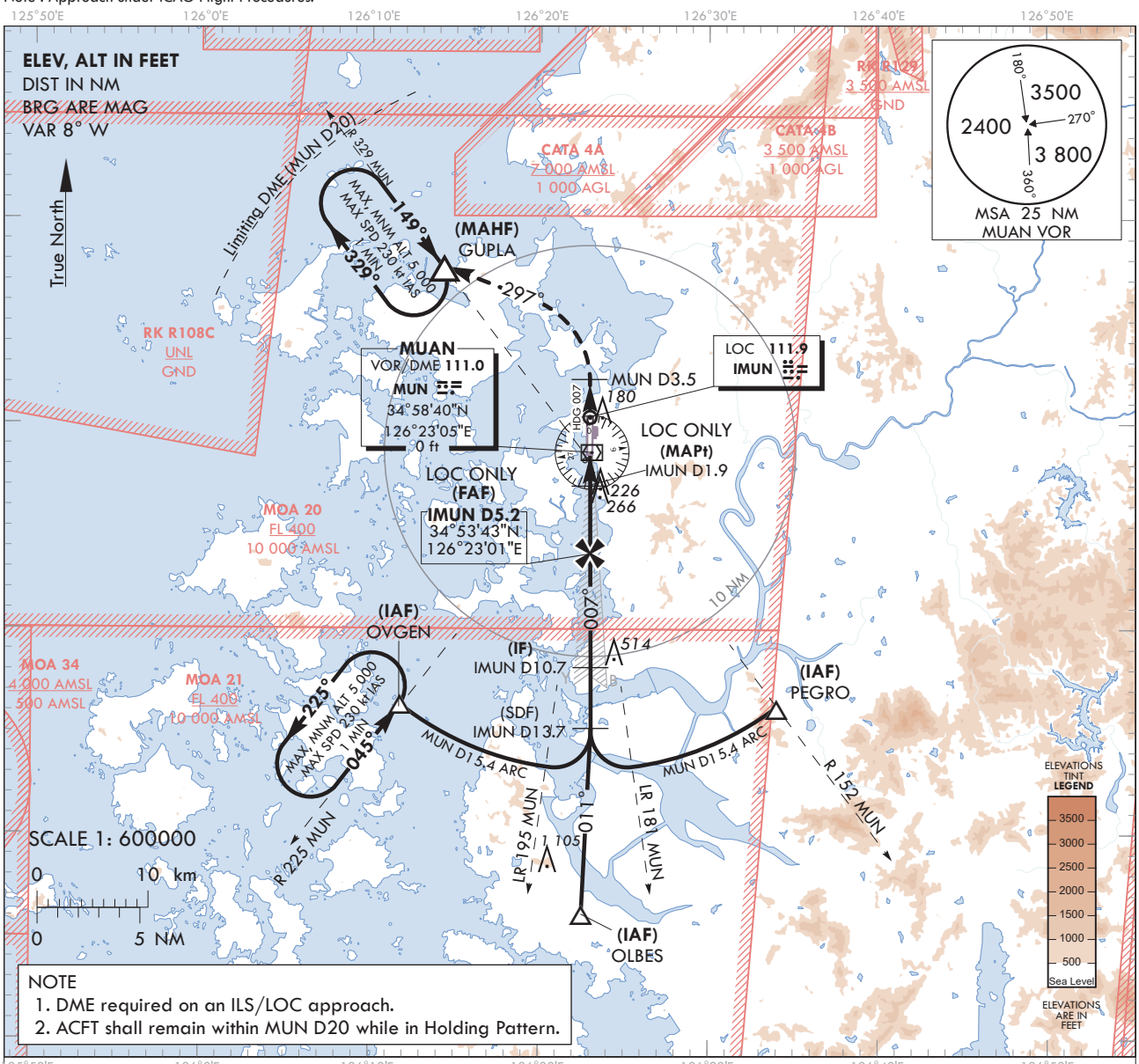
AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 01 - ELEV **32** ft

GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

ILS Y or LOC Y RWY 01

Note : Approach under ICAO Flight Procedures.

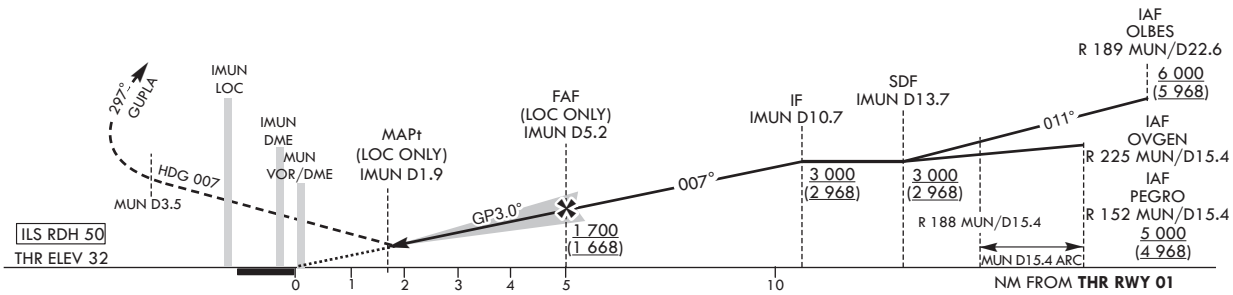


NOTE
1. DME required on an ILS/LOC approach.
2. ACFT shall remain within MUN D20 while in Holding Pattern.

RECOMMENDED PROFILE(LOC ONLY)	DME IMUN	5	4	3	2
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 645 (1 613)	1 322 (1 290)	999 (967)	660 (628)

MISSESD APPROACH
Climb on HDG 007° to MUN D3.5, then turn left HDG 297° to GUPLA and Hold at 5 000 ft.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	232 (200)			
	LOC	660 (628)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

MUAN/Muan Intl(RKJB)
ILS Y or LOC Y RWY 01

AERONAUTICAL DATA TABULATION

ILS Y or LOC Y Approach to RWY 01 from OVGEN, OLBES or PEGRO			
Fix/point		Coordinates	
OVGEN(IAF)	R 225 MUN /15.4 NM MUN	34°46'22.2"N	126°11'47.9"E
OLBES(IAF)	R 189 MUN /22.5 NM MUN	34°36'08.1"N	126°22'32.0"E
PEGRO(IAF)	R 152 MUN /15.4 NM MUN	34°46'09.0"N	126°34'02.1"E
D13.7 IMUN(SDF)	BRG 7.10°/13.7 NM IMUN	34°45'11.5"N	126°23'04.1"E
D10.7 IMUN(IF)	BRG 7.10°/10.7 NM IMUN	34°48'10.9"N	126°23'03.3"E
D5.2 IMUN(FAF LOC ONLY)	BRG 7.10°/5.2 NM IMUN	34°53'42.6"N	126°23'00.5"E
D1.9 IMUN(MAPt LOC ONLY)	BRG 7.10°/1.9 NM IMUN	34°56'59.1"N	126°22'59.2"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
THR RWY 01	Final approach descent angle 3.04° (LOC ONLY)	34°58'43.64"N	126°22'58.45"E
IMUN DME		34°58'53.2"N	126°22'53.8"E
IMUN LOC		35°00'23.1"N	126°22'57.8"E
D3.5 MUN	HDG 007	-	
GUPLA	HDG 297/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E

INSTRUMENT APPROACH CHART - ICAO

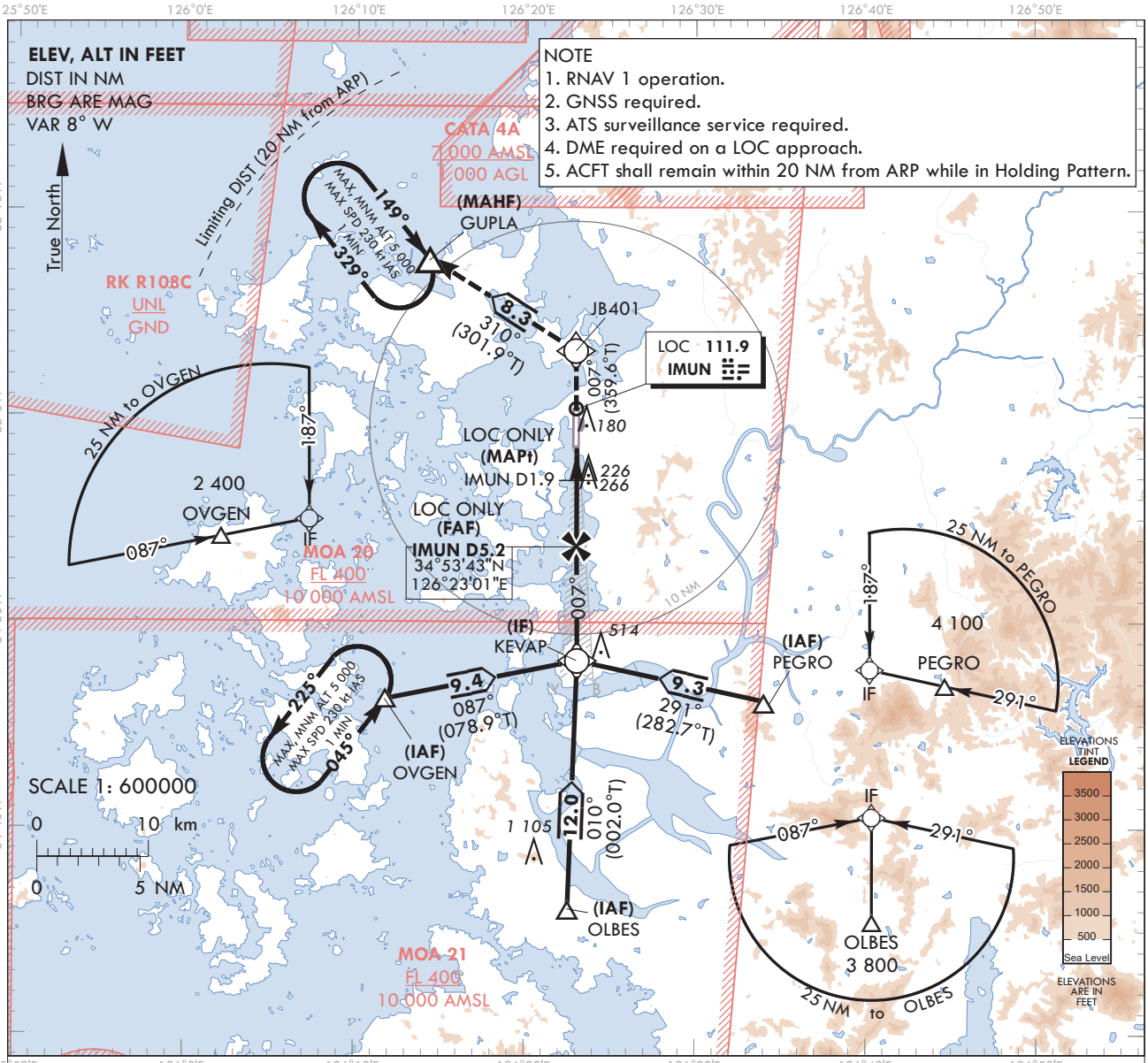
AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 01 - ELEV **32** ft

GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

ILS Z or LOC Z RWY 01

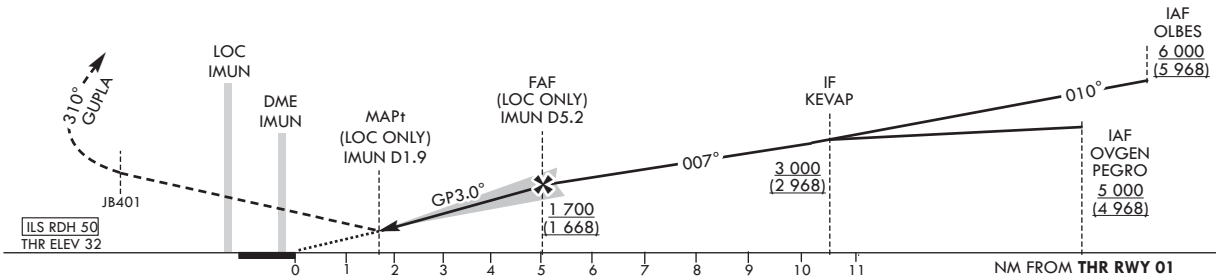
Note : Approach under ICAO Flight Procedures.



RECOMMENDED PROFILE(LOC ONLY)	DME IMUN	5	4	3	2
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 645 (1 613)	1 322 (1 290)	999 (967)	660 (628)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to 5 000 ft on track of 007° to JB401, then LEFT turn on track of 310° to GUPLA. Hold as published.



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	232 (200)			
	LOC	660 (628)			

Knots	60	90	120	150	180
Rate of descent V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

MUAN/Muan Intl(RKJB)
ILS Z or LOC Z RWY 01

AERONAUTICAL DATA TABULATION

ILS Z or LOC Z Approach to RWY 01 from OVGEN, OLBES or PEGRO			
Fix/point		Coordinates	
OVGEN(IAF)		34°46'22.2"N	126°11'47.9"E
OLBES(IAF)		34°36'08.1"N	126°22'32.0"E
PEGRO(IAF)		34°46'09.0"N	126°34'02.1"E
KEVAP(IF)	BRG 7.10°/10.69 NM IMUN	34°48'10.9"N	126°23'03.3"E
D5.2 IMUN(FAF LOC ONLY)	BRG 7.10°/5.17 NM IMUN	34°53'42.6"N	126°23'00.5"E
D1.9 IMUN(MAPt LOC ONLY)	BRG 7.10°/1.90 NM IMUN	34°56'59.1"N	126°22'59.2"E
THR RWY 01	Final approach descent angle 3.04°(LOC ONLY)	34°58'43.64"N	126°22'58.45"E
IMUN DME		34°58'53.2"N	126°22'53.8"E
IMUN LOC		35°00'23.1"N	126°22'57.8"E
JB401		35°03'13.1"N	126°22'56.4"E
GUPLA		35°07'37.8"N	126°14'18.1"E

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 01 - ELEV **32** ft

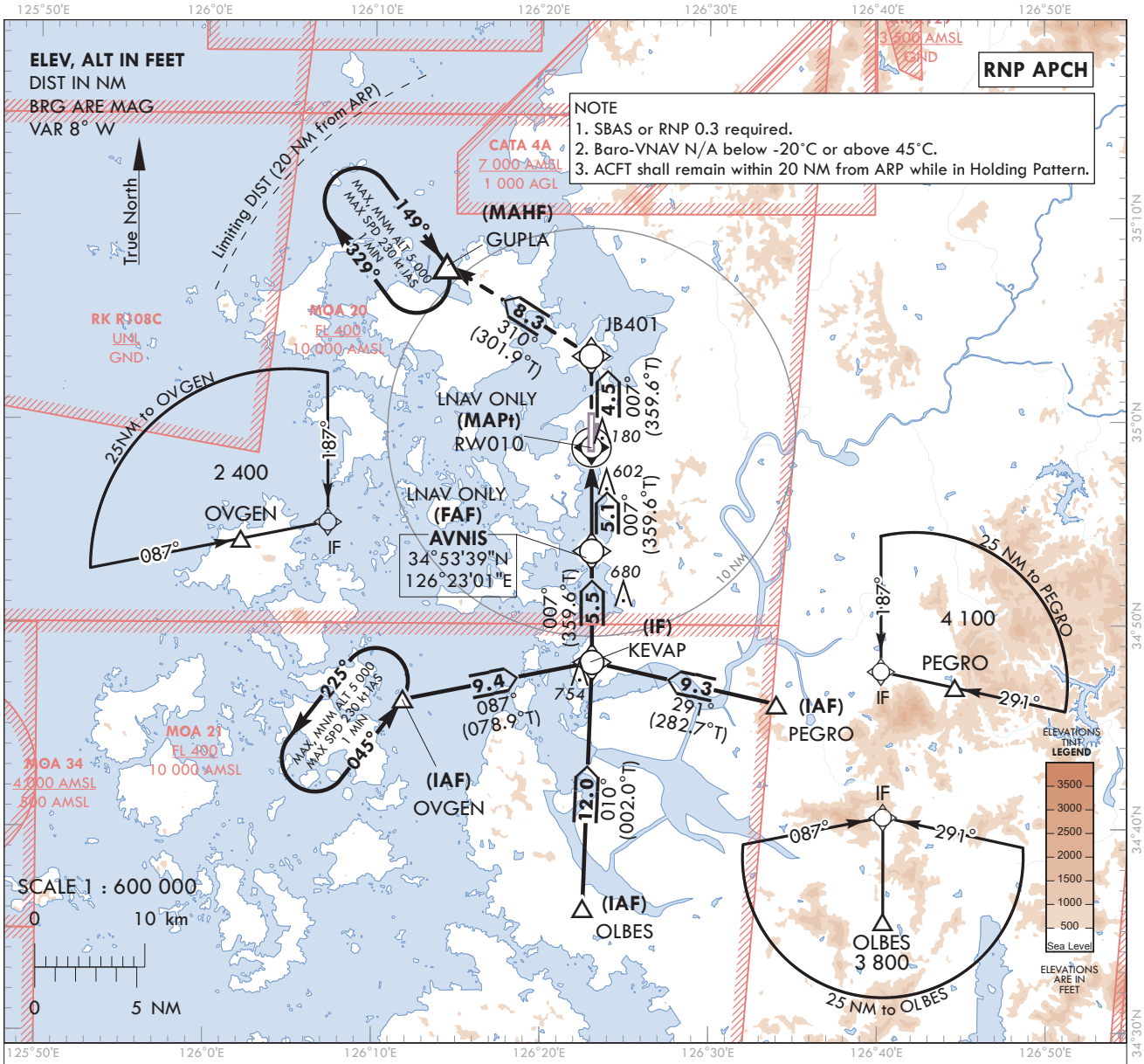
GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

KASS
CH86099
K01A
RDH : 50

MUAN/Muan Intl(RKJB)

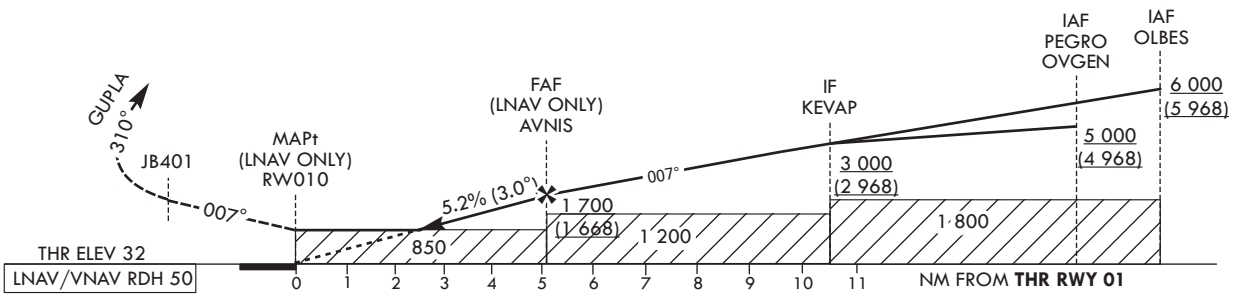
RNP RWY 01

Note : Approach under ICAO Flight Procedures.



TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to 5 000 ft on track of 007° to JB401,
then LEFT turn on track of 310° to GUPLA.
Hold as published.



OCA (H)		A	B	C	D
Straight-in Approach	LPV	320 (288)			
	LNAV/VNAV	790 (758)			
	LNAV	850 (818)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	319	478	638	797	957

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 01 - via OVGEN to KEVAP(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	OVGEN	-	-	-	-	+5 000	-	34°46'22.2"N 126°11'47.9"E	-	RNP APCH	IAF
002	TF	KEVAP	-	087(078.9)	9.4	-	+3 000	-	34°48'10.9"N 126°23'03.3"E	-	RNP APCH	IF

RNP RWY 01 - via OLBES to KEVAP(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	OLBES	-	-	-	-	+6 000	-	34°36'08.1"N 126°22'32.0"E	-	RNP APCH	IAF
002	TF	KEVAP	-	010(002.0)	12.0	-	+3 000	-	34°48'10.9"N 126°23'03.3"E	-	RNP APCH	IF

RNP RWY 01 - via PEGRO to KEVAP(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	PEGRO	-	-	-	-	+5 000	-	34°46'09.0"N 126°34'02.1"E	-	RNP APCH	IAF
002	TF	KEVAP	-	291(282.7)	9.3	-	+3 000	-	34°48'10.9"N 126°23'03.3"E	-	RNP APCH	IF

RNP RWY 01 - via KEVAP(IF) to GUPLA(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
002	TF	KEVAP	-	-	-	-	+3 000	-	34°48'10.9"N 126°23'03.3"E	-	RNP APCH	IF
003	TF	AVNIS	-	007(359.6)	5.5	-	+1 700	-	34°53'38.8"N 126°23'00.8"E	-	RNP APCH	FAF
004	TF	RW010	Y	007(359.6)	5.1	-	+850	-	34°58'43.64"N 126°22'58.45"E	-3.00/50	RNP APCH	MAPt
005	TF	JB401	-	007(359.6)	4.5	-	-	-	35°03'13.1"N 126°22'56.4"E	-	RNP APCH	-
006	TF	GUPLA	Y	310(301.9)	8.3	-	-	-	35°07'37.8"N 126°14'18.1"E	-	RNP APCH	-
007	HM	GUPLA	Y	149(141.1)	-	R	@5 000	-230	35°07'37.8"N 126°14'18.1"E	-	RNP APCH	1 MIN (Outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP RWY 01	HM	OVGEN	Y	045 (037.0)	1	L	@5 000	-230	34°46'22.2"N 126°11'47.9"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

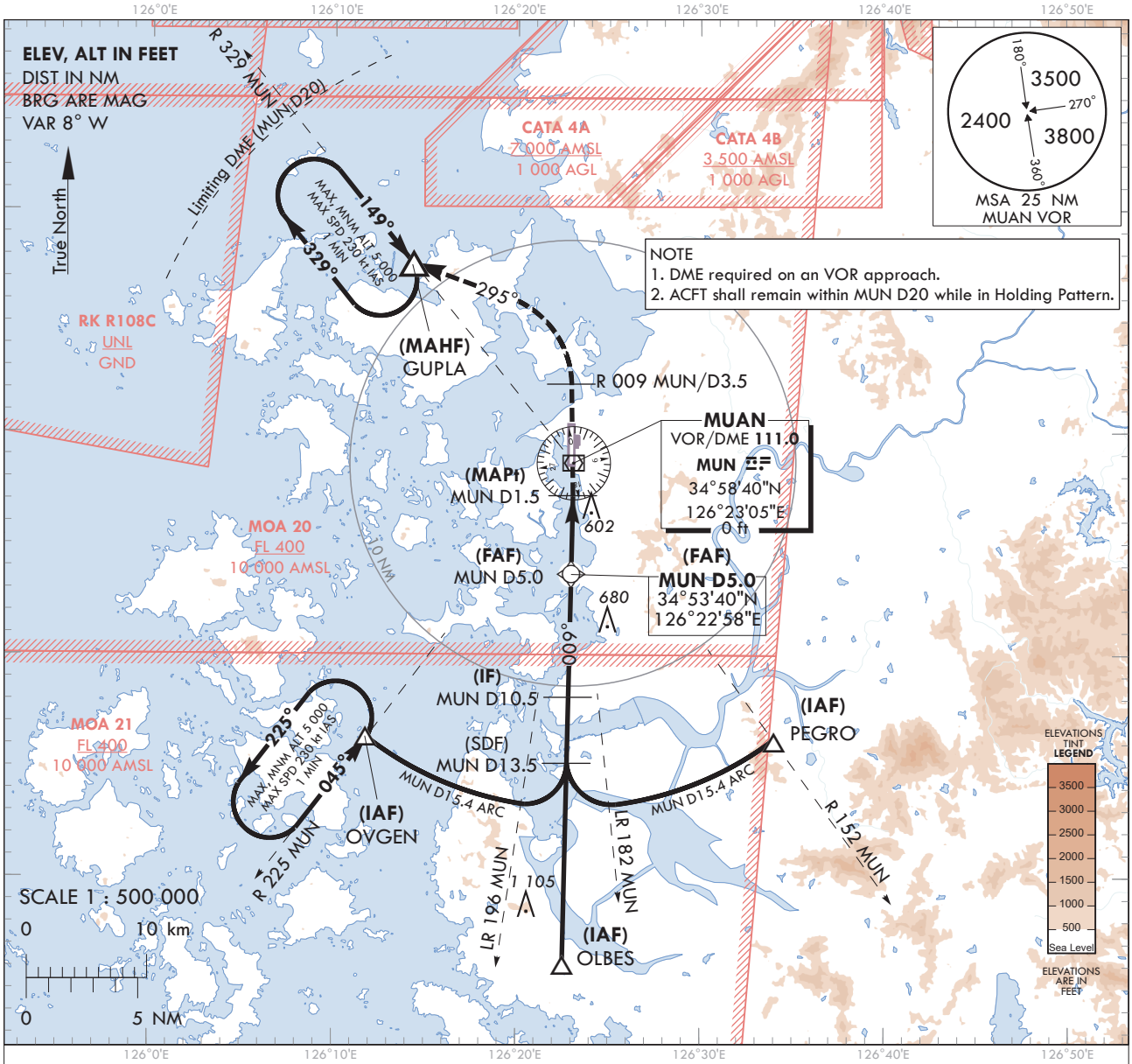
AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 01 - ELEV 32 ft

GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

VOR RWY 01

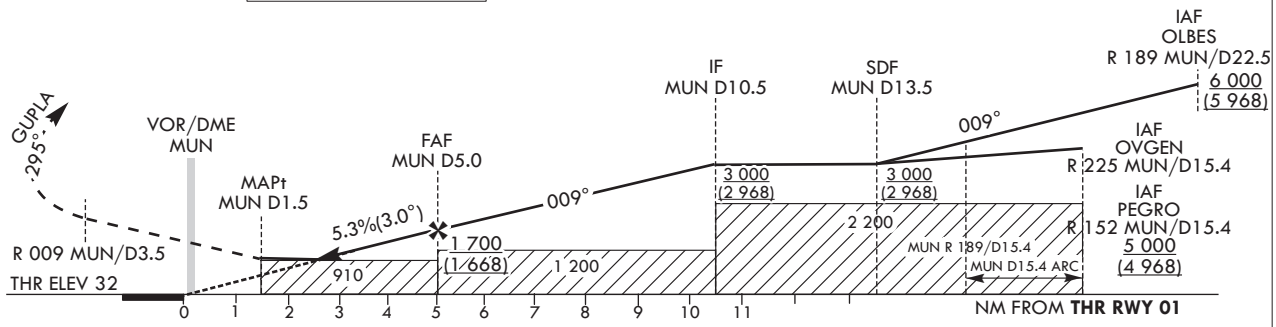
Note : Approach under ICAO Flight Procedures.



RECOMMENDED PROFILE	DME MUN	4	3	2.5
Final Approach Gradient 5.26%, 320 ft/NM	ALT(HGT)	1 381 (1 349)	1 061 (1 029)	910 (878)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to R 009 MUN/D3.5, then turn left HDG 295° to GUPLA and Hold at 5 000 ft.



OCA (H)	A	B	C	D
Straight-in Approach	910 (878)			

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	320	480	640	799	959

* Circling Not authorized.
* Timing Not authorized for defining MAPt.

Change : Information of landing minima(OCA(H)).

MUAN/Muan Intl(RKJB)
VOR RWY 01

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 01 from OVGEN, OLBES or PEGRO			
Fix/point		Coordinates	
OVGEN(IAF)	R 225 MUN /15.4 NM MUN	34°46'22.2"N	126°11'47.9"E
OLBES(IAF)	R 189 MUN /22.5 NM MUN	34°36'08.1"N	126°22'32.0"E
PEGRO(IAF)	R 152 MUN /15.4 NM MUN	34°46'09.0"N	126°34'02.1"E
D13.5 MUN(SDF)	R 189 MUN/13.5 NM MUN	34°45'08.9"N	126°22'45.3"E
D10.5 MUN(IF)	R 189 MUN/10.5 NM MUN	34°48'09.1"N	126°22'49.8"E
D5.0 MUN(FAF)	R 189 MUN/5.0 NM MUN	34°53'39.6"N	126°22'57.9"E
D1.5 MUN(MAPt)	R 189 MUN/1.5 NM MUN	34°57'09.9"N	126°23'03.1"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
THR RWY 01	Final approach descent angle 3.01°	34°58'43.64"N	126°22'58.45"E
D3.5 MUN	R 009 MUN /3.5 NM MUN	35°02'10.2"N	126°22'57.2"E
GUPLA	HDG 294.81/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E

INSTRUMENT APPROACH CHART - ICAO

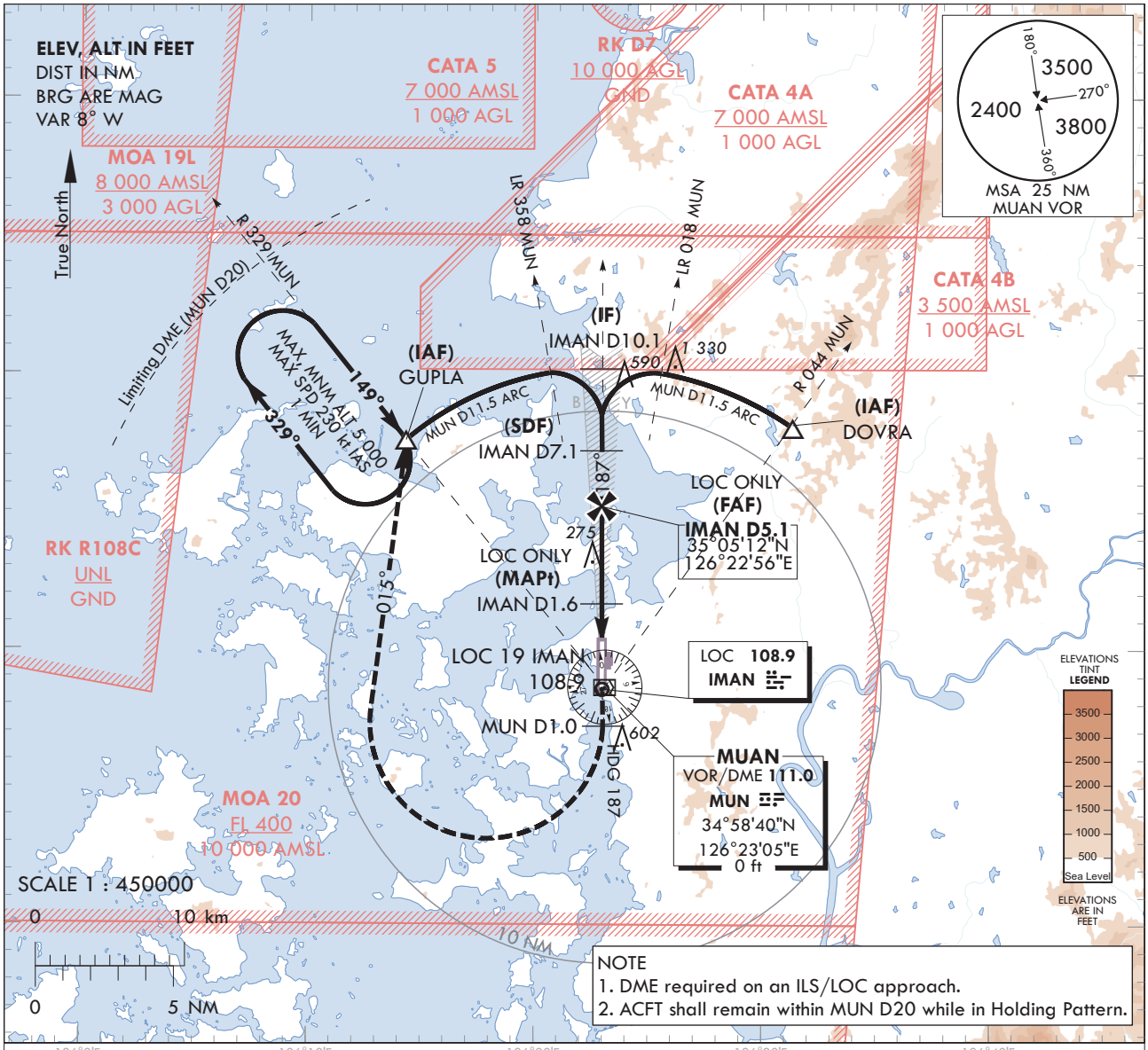
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **51** ft

GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

ILS Y or LOC Y RWY 19

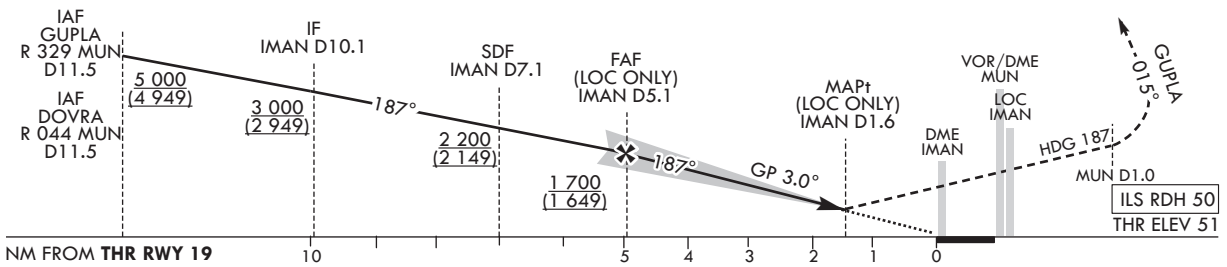


NOTE
1. DME required on an ILS/LOC approach.
2. ACFT shall remain within MUN D20 while in Holding Pattern.

RECOMMENDED PROFILE(LOC ONLY)	DME IMAN	5	4	3	2	1.7
Final Approach Gradient 5.31%, 323 ft/NM	ALT (HGT)	1 660 (1 609)	1 338 (1 287)	1 015 (964)	692 (641)	590 (539)

MISSED APPROACH
Climb on HDG 187° to MUN D1.0 then turn right HDG 015° to GUPLA and Hold at 5 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	414 (363)			
	CAT-I (CG 5.0%)	251 (200)			
	LOC	590 (539)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

MUAN/Muan Intl(RKJB)
ILS Y or LOC Y RWY 19

AERONAUTICAL DATA TABULATION

ILS Y or LOC Y Approach to RWY 19 from GUPLA or DOVRA			
Fix/point		Coordinates	
GUPLA(IAF)	R 329 MUN /11.5 NM MUN	35°07'37.8"N	126°14'18.1"E
DOVRA(IAF)	R 044 MUN /11.5 NM MUN	35°07'57.8"N	126°31'22.0"E
D10.1 IMAN(IF)	BRG 187.14°/10.14 NM IMAN	35°10'11.0"N	126°22'53.2"E
D7.1 IMAN(SDF)	BRG 187.14°/7.14 NM IMAN	35°07'13.4"N	126°22'54.7"E
D5.1 IMAN(FAF LOC ONLY)	BRG 187.14°/5.12 NM IMAN	35°05'12.3"N	126°22'55.7"E
D1.6 IMAN(MAPt LOC ONLY)	BRG 187.14°/1.60 NM IMAN	35°01'40.5"N	126°22'57.2"E
THR RWY 19	Final approach descent angle 3.04°(LOC ONLY)	35°00'14.49"N	126°22'57.82"E
IMAN DME		35°00'04.3"N	126°22'53.3"E
IMAN LOC		34°58'35.0"N	126°22'58.5"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
D1.0 MUN	HDG 187	-	
GUPLA	HDG 015/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E

INSTRUMENT APPROACH CHART - ICAO

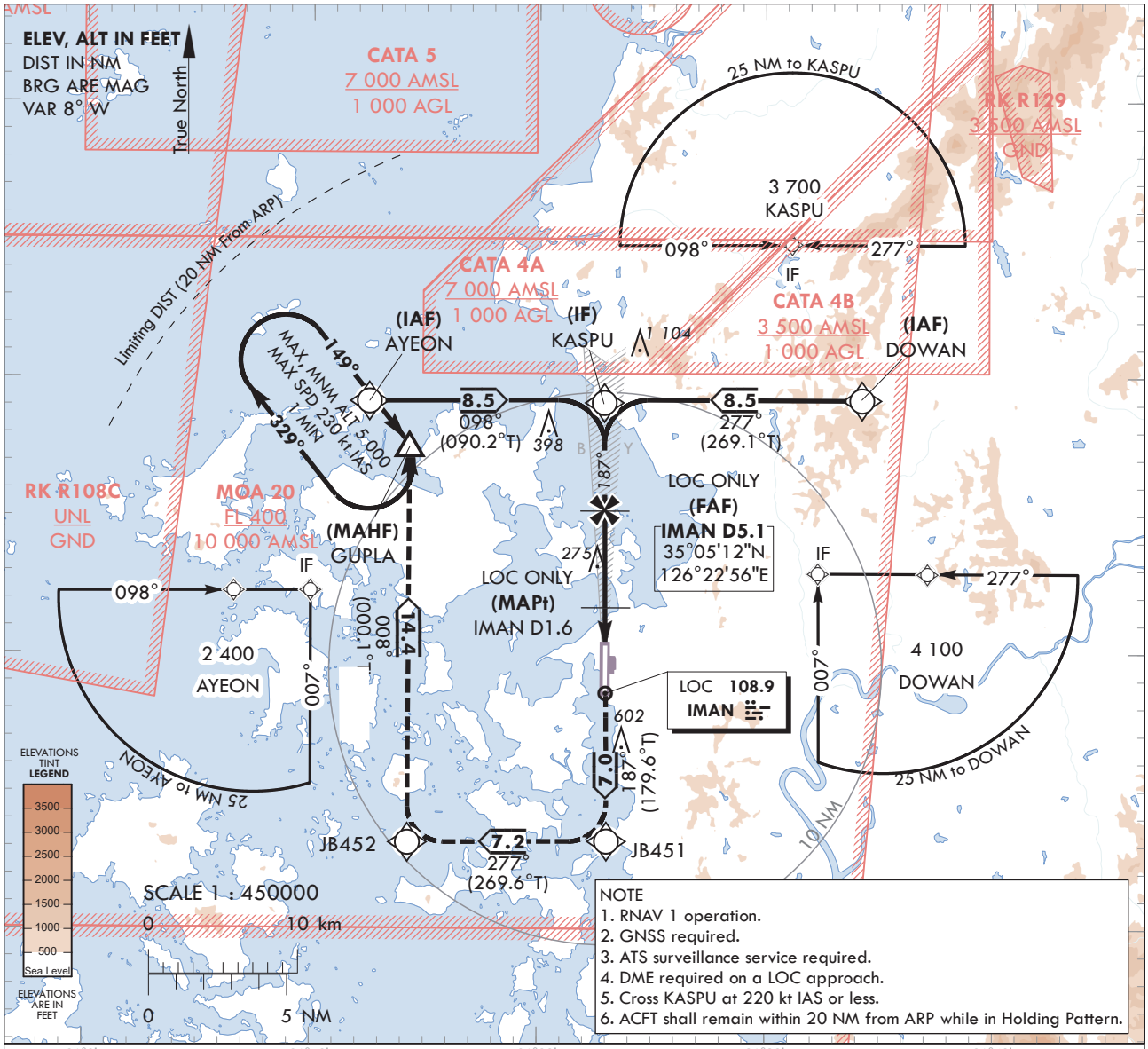
AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **51** ft

GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

ILS Z or LOC Z RWY 19

Note : Approach under ICAO Flight Procedures.



NOTE
1. RNAV 1 operation.
2. GNSS required.
3. ATS surveillance service required.
4. DME required on a LOC approach.
5. Cross KASPU at 220 kt IAS or less.
6. ACFT shall remain within 20 NM from ARP while in Holding Pattern.

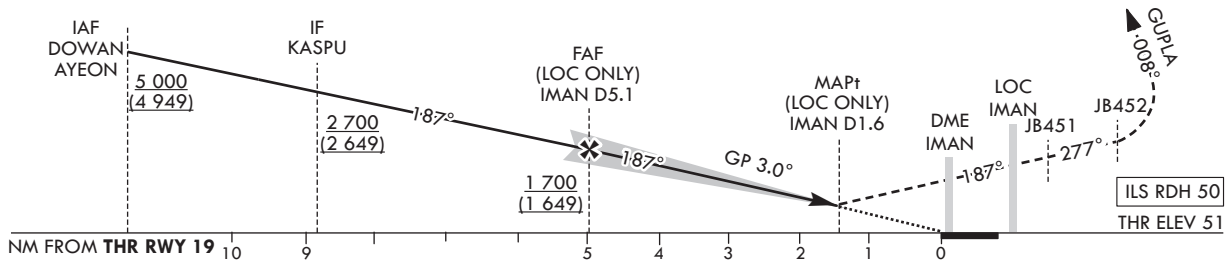
MISSED APPROACH

Climb to 5 000 ft on track of 187° to JB451, RIGHT turn on track of 277° to JB452, then RIGHT turn on track of 008° to GUPLA. Hold as published.

RECOMMENDED PROFILE(LOC ONLY)	DME IMAN	5	4	3	2	1.7
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 660 (1 609)	1 338 (1 287)	1 015 (964)	692 (641)	590 (539)

* Missed approach turns are limited to maximum of 230 kt IAS.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	414 (363)			
	CAT-I (CG 5.0%)	251 (200)			
	LOC	590 (539)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

MUAN/Muan Intl(RKJB)
ILS Z or LOC Z RWY 19

AERONAUTICAL DATA TABULATION

ILS Z or LOC Z Approach to RWY 19 from AYEON or DOWAN			
Fix/point		Coordinates	
AYEON(IAF)		35°09'10.2"N	126°12'32.1"E
DOWAN(IAF)		35°09'16.1"N	126°33'16.0"E
KASPU(IF)		35°09'07.5"N	126°22'54.1"E
D5.1 IMAN(FAF LOC ONLY)	BRG 187.14°/5.12 NM IMAN	35°05'12.3"N	126°22'55.7"E
D1.6 IMAN(MAPt LOC ONLY)	BRG 187.14°/1.60 NM IMAN	35°01'40.5"N	126°22'57.2"E
THR RWY 19	Final approach descent angle 3.04° (LOC ONLY)	35°00'14.49"N	126°22'57.82"E
IMAN DME		35°00'04.3"N	126°22'53.3"E
IMAN LOC		34°58'35.0"N	126°22'58.5"E
JB451		34°53'13.8"N	126°23'01.0"E
JB452		34°53'10.9"N	126°14'17.1"E
GUPLA		35°07'37.8"N	126°14'18.1"E

INSTRUMENT APPROACH CHART - ICAO

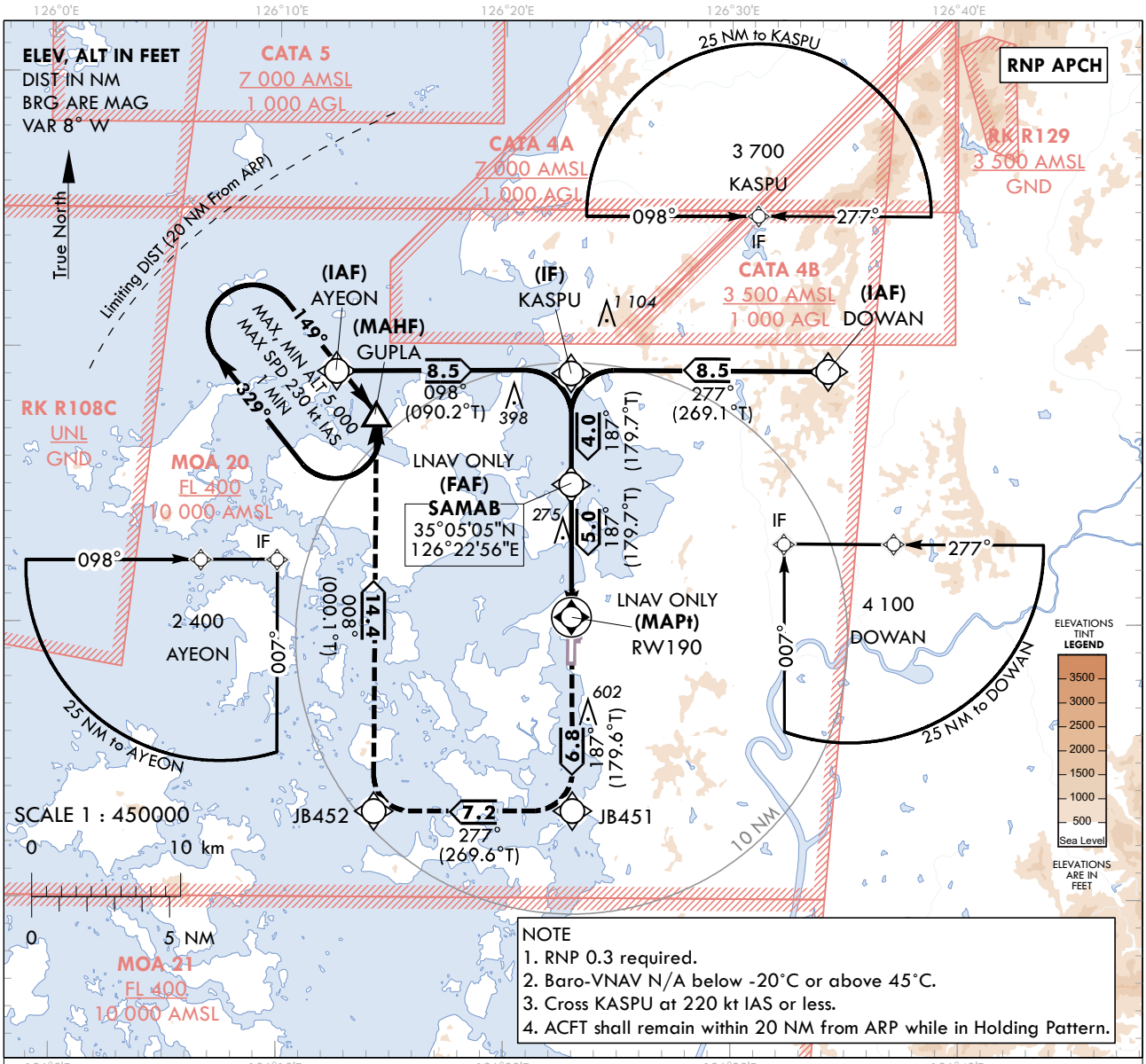
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **49** ft

GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

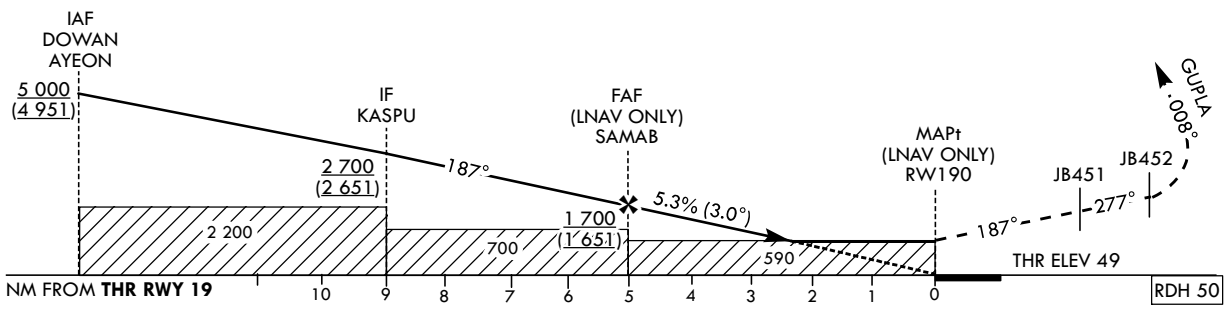
RNP RWY 19



NOTE
1. RNP 0.3 required.
2. Baro-VNAV N/A below -20°C or above 45°C.
3. Cross KASPU at 220 kt IAS or less.
4. ACFT shall remain within 20 NM from ARP while in Holding Pattern.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to 5 000 ft on track of 187° to JB451, RIGHT turn on track of 277° to JB452, Then RIGHT turn on track of 008° to GUPLA.
* Missed approach turns are limited to maximum of 220 kt IAS.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	460 (411)			
	LNAV	590 (541)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	320	480	640	800	1280

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of instrument approach procedure for RWY 19, THR ELEV and landing minima(OCA(H)).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 19 - via DOWAN to KASPU(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	DOWAN	-	-	-	-	+5 000	-	35°09'16.1"N 126°33'16.0"E	-	RNP APCH	IAF
002	TF	KASPU	-	277(269.1)	8.5	-	+2 700	-220	35°09'07.5"N 126°22'54.1"E	-	RNP APCH	IF

RNP RWY 19 - via AYEON to KASPU(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	AYEON	-	-	-	-	+5 000	-	35°09'10.2"N 126°12'32.1"E	-	RNP APCH	IAF
002	TF	KASPU	-	098(090.2)	8.5	-	+2 700	-220	35°09'07.5"N 126°22'54.1"E	-	RNP APCH	IF

RNP RWY 19(LNAV/VNAV or LNAV) - via KASPU(IF) to GUPLA(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
002	TF	KASPU	-	-	-	-	+2 700	-220	35°09'07.5"N 126°22'54.1"E	-	RNP APCH	IF
003	TF	SAMAB	-	187(179.7)	4.0	-	+1 700	-	35°05'05.2"N 126°22'55.8"E	-	RNP APCH	FAF
004	TF	RW190	Y	187(179.7)	5.0	-	+590	-	35°00'04.76"N 126°22'57.88"E	-3.02/50	RNP APCH	MAPt
005	TF	JB451	-	187(179.6)	6.8	-	-	-220	34°53'13.8"N 126°23'01.0"E	-	RNP APCH	-
006	TF	JB452	-	277(269.6)	7.2	-	-	-220	34°53'10.9"N 126°14'17.1"E	-	RNP APCH	-
007	TF	GUPLA	Y	008(000.1)	14.4	-	-	-220	35°07'37.8"N 126°14'18.1"E	-	RNP APCH	-
008	HM	GUPLA	Y	149(141.1)	-	R	@5 000	-230	35°07'37.8"N 126°14'18.1"E	-	RNP APCH	1 MIN (Outbound timing)

Change : Information of instrument approach procedure for RWY 19.

INSTRUMENT APPROACH CHART - ICAO

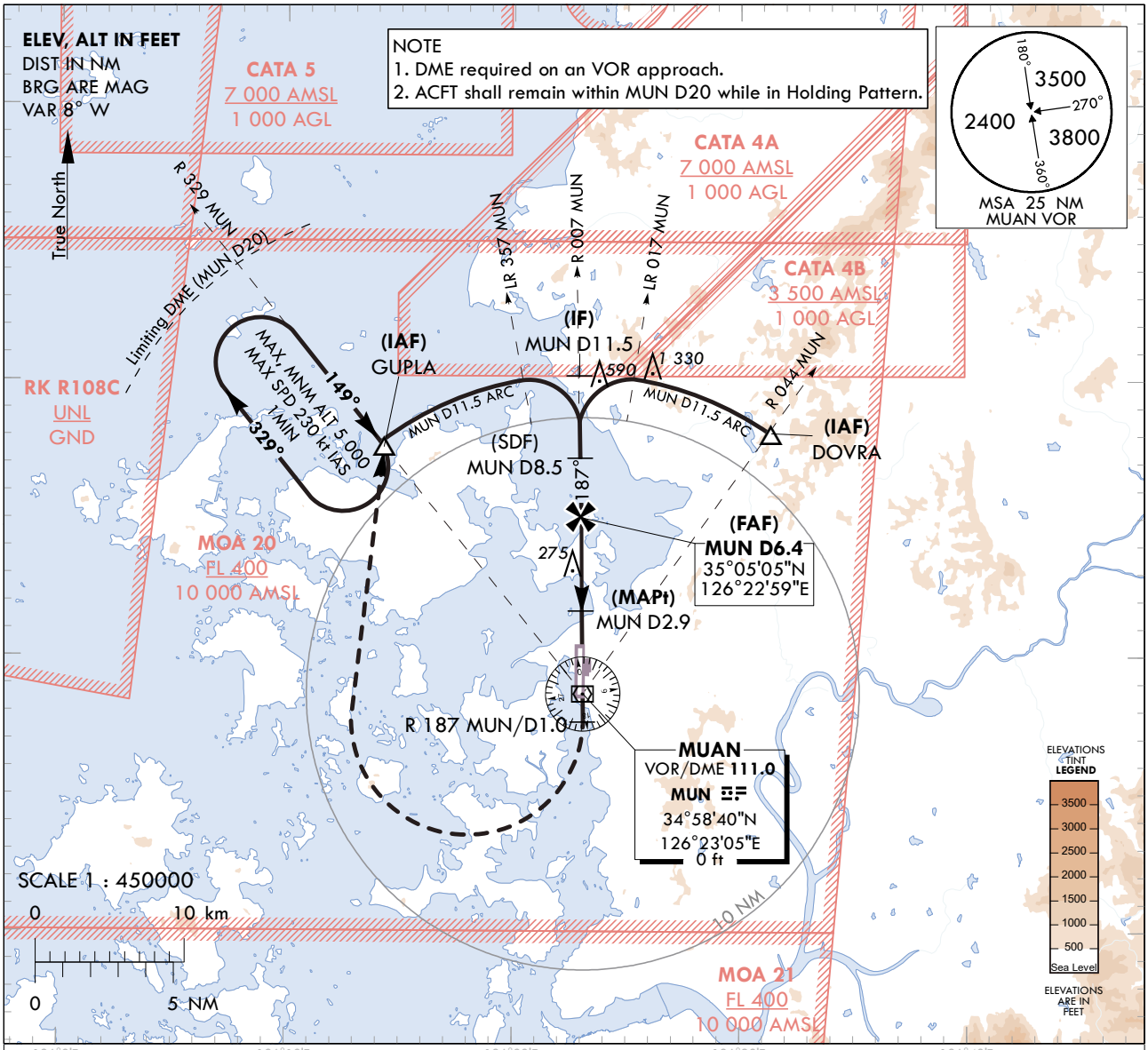
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 51 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV **49** ft

GWANGJU	APP	120.475	130.0
		228.9	265.5
MUAN	TWR	118.25	118.85

MUAN/Muan Intl(RKJB)

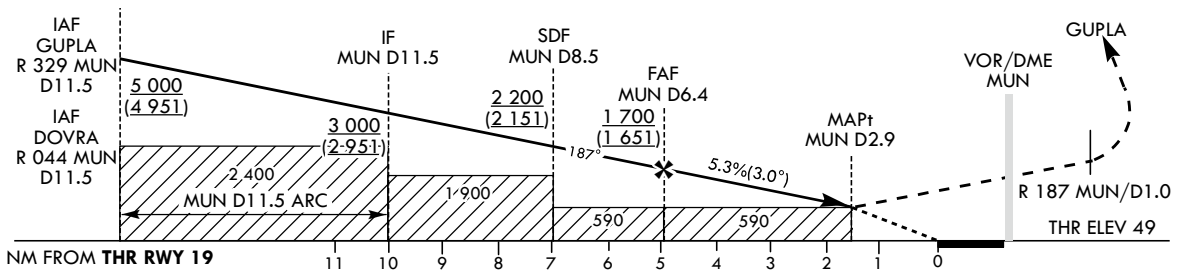
VOR RWY 19



RECOMMENDED PROFILE	DME MUN	6	5	4	3
Final Approach Gradient 5.28%, 321 ft/NM	ALT(HGT)	1 572 (1 523)	1 251 (1 202)	930 (881)	609 (560)

MISSED APPROACH
Climb straight ahead until MUN to intercept R 187 MUN/D1 turn right direct to GUPLA and Hold at 5 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)	A	B	C	D
Straight-in Approach	590 (541)			

Knots	60	90	120	150	180
Rate of descent V/V fpm	321	481	642	802	963

* Circling Not authorized.
* Timing Not authorized for defining the MAPt.

Change : Information of instrument approach procedure for RWY 19, THR ELEV and landing minima(OCA(H)).

MUAN/Muan Intl(RKJB)
VOR RWY 19

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 19 from GUPLA(IAF) or DOVRA(IAF)			
Fix/point		Coordinates	
GUPLA(IAF)	BRG 328.99°/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E
DOVRA(IAF)	BRG 043.99° /11.5 NM MUN	35°07'57.8"N	126°31'22.0"E
D11.5 MUN(IF)	BRG 006.98°/11.5 NM MUN	35°10'11.0"N	126°22'53.1"E
D8.5 MUN(SDF)	BRG 007.00°/8.5 NM MUN	35°07'10.7"N	126°22'56.4"E
D6.4 MUN(FAF)	BRG 007.01°/6.4 NM MUN	35°05'04.5"N	126°22'58.8"E
D2.9 MUN(MAPt)	BRG 007.09°/2.9 NM MUN	35°01'34.2"N	126°23'02.7"E
THR RWY 19	Final approach descent angle 3.02°	35°00'04.76"N	126°22'57.88"E
MUN VOR/DME		34°58'40.0"N	126°23'05.4"E
D1.0 MUN	BRG 187.11/1.0 NM MUN	34°57'39.9"N	126°23'06.3"E
GUPLA	BRG 328.99°/11.5 NM MUN	35°07'37.8"N	126°14'18.1"E

Change : Information of instrument approach procedure for RWY 19.

INSTRUMENT APPROACH CHART - ICAO

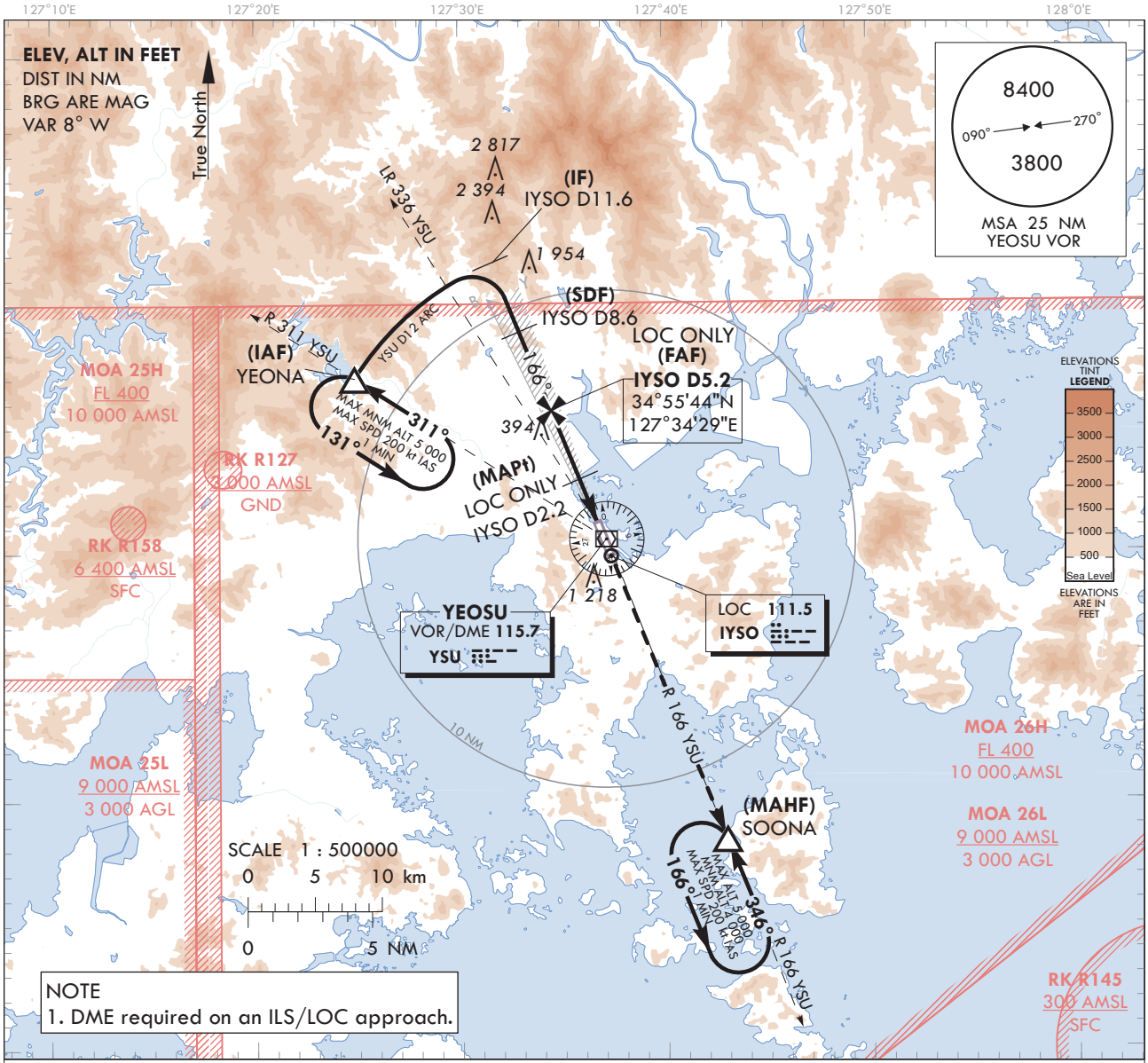
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV **28** ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

ILS Y or LOC Y RWY 17

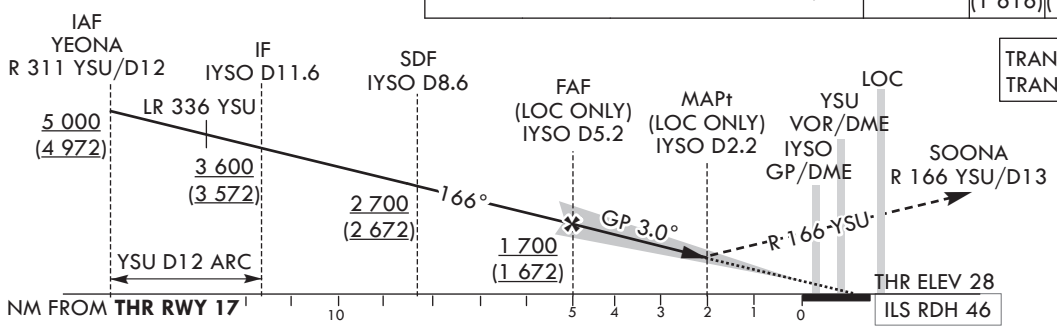


NOTE
1. DME required on an ILS/LOC approach.

MISSED APPROACH
Climb to R 166 YSU to SOONA and Hold at 4 000 ft

RECOMMENDED PROFILE(LOC ONLY)	DME IYSO	5	4	3	2.2
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 644 (1 616)	1 321 (1 293)	998 (970)	740 (712)

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-1(CG 2.5%)	351 (323)			
	CAT-1(CG 5.0%)	228 (200)			
	LOC(CG 2.5%)	910 (882)			
	LOC(CG 5.0%)	740 (712)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

YEOSU/Yeosu(RKJY)
ILS Y or LOC Y RWY 17

AERONAUTICAL DATA TABULATION

ILS Y / LOC Y Approach to RWY 17 from YEONA			
Fix/point		Coordinates	
YEONA(IAF)	R 311 YSU /12.00 NM YSU	34°57'03.8"N	127°24'52.1"E
D11.6 IYSO(IF)	BRG 165.87°/11.60 NM IYSO	35°01'41.4"N	127°31'33.6"E
D8.6 IYSO(SDF)	BRG 165.87°/8.60 NM IYSO	34°58'54.5"N	127°32'55.7"E
D5.2 IYSO(FAF LOC ONLY)	BRG 165.87°/5.17 NM IYSO	34°55'44.1"N	127°34'29.3"E
D2.2 IYSO(MAPt LOC ONLY)	BRG 165.87°/2.20 NM IYSO	34°52'58.5"N	127°35'50.6"E
THR RWY 17	Final approach descent angle 3.04° (LOC ONLY)	34°51'03.73"N	127°36'46.77"E
IYSO DME		34°50'57.3"N	127°36'54.6"E
YSU VOR/DME		34°50'34.3"N	127°37'08.7"E
IYSO LOC		34°49'52.0"N	127°37'21.9"E
SOONA	BRG 166.34°/13.00 NM YSU	34°38'27.5"N	127°42'56.0"E

INSTRUMENT APPROACH CHART - ICAO

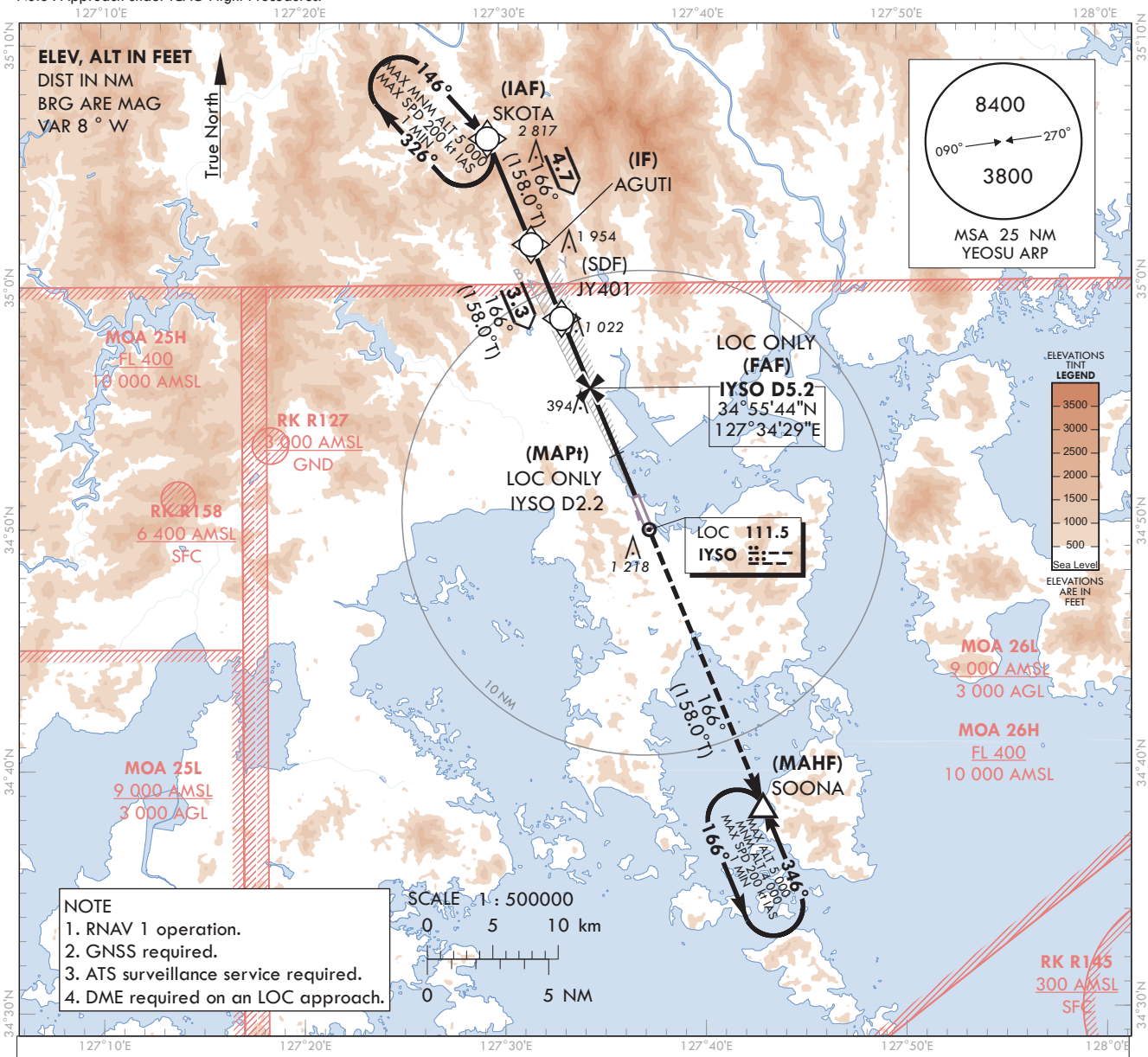
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV 28 ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

ILS Z or LOC Z RWY 17

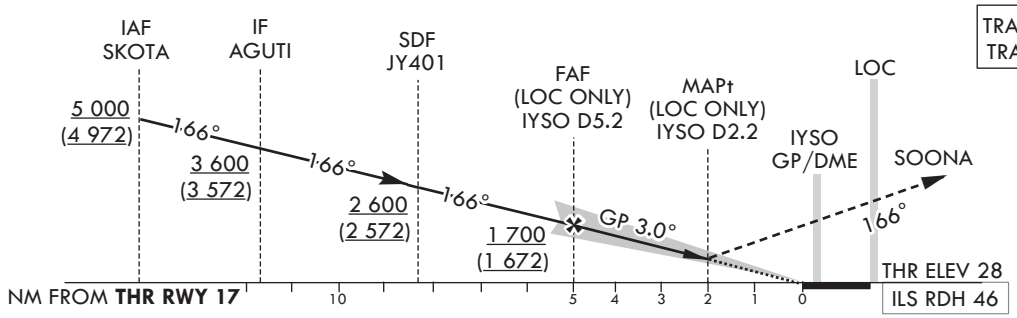


NOTE
1. RNAV 1 operation.
2. GNSS required.
3. ATS surveillance service required.
4. DME required on an LOC approach.

MISSED APPROACH
Climb to 4 000 ft on track of 166° to SOONA.
Hold as published.

RECOMMENDED PROFILE(LOC ONLY)	DME IYSO	5	4	3	2.2
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 644 (1 616)	1 321 (1 293)	998 (970)	740 (712)

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-1(CG 2.5%)	351 (323)			
	CAT-1(CG 5.0%)	228 (200)			
	LOC(CG 2.5%)	910 (882)			
	LOC(CG 5.0%)	740 (712)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

YEOSU/Yeosu(RKJY)
ILS Z or LOC Z RWY 17

AERONAUTICAL DATA TABULATION

ILS Z / LOC Z Approach to RWY 17 from SKOTA			
Fix/point		Coordinates	
SKOTA(IAF)		35°06'04.9"N	127°29'24.2"E
AGUTI(IF)		35°01'41.4"N	127°31'33.6"E
JY401(SDF)		34°58'37.8"N	127°33'04.0"E
D5.2 IYSO(FAF LOC ONLY)	BRG 165.87°/5.17 NM IYSO	34°55'44.1"N	127°34'29.3"E
D2.2 IYSO(MAPt LOC ONLY)	BRG 165.87°/2.20 NM IYSO	34°52'58.5"N	127°35'50.6"E
THR RWY 17	Final approach descent angle 3.04° (LOC ONLY)	34°51'03.73"N	127°36'46.77"E
IYSO DME		34°50'57.3"N	127°36'54.6"E
IYSO LOC		34°49'52.0"N	127°37'21.9"E
SOONA		34°38'27.5"N	127°42'56.0"E

INSTRUMENT APPROACH CHART - ICAO

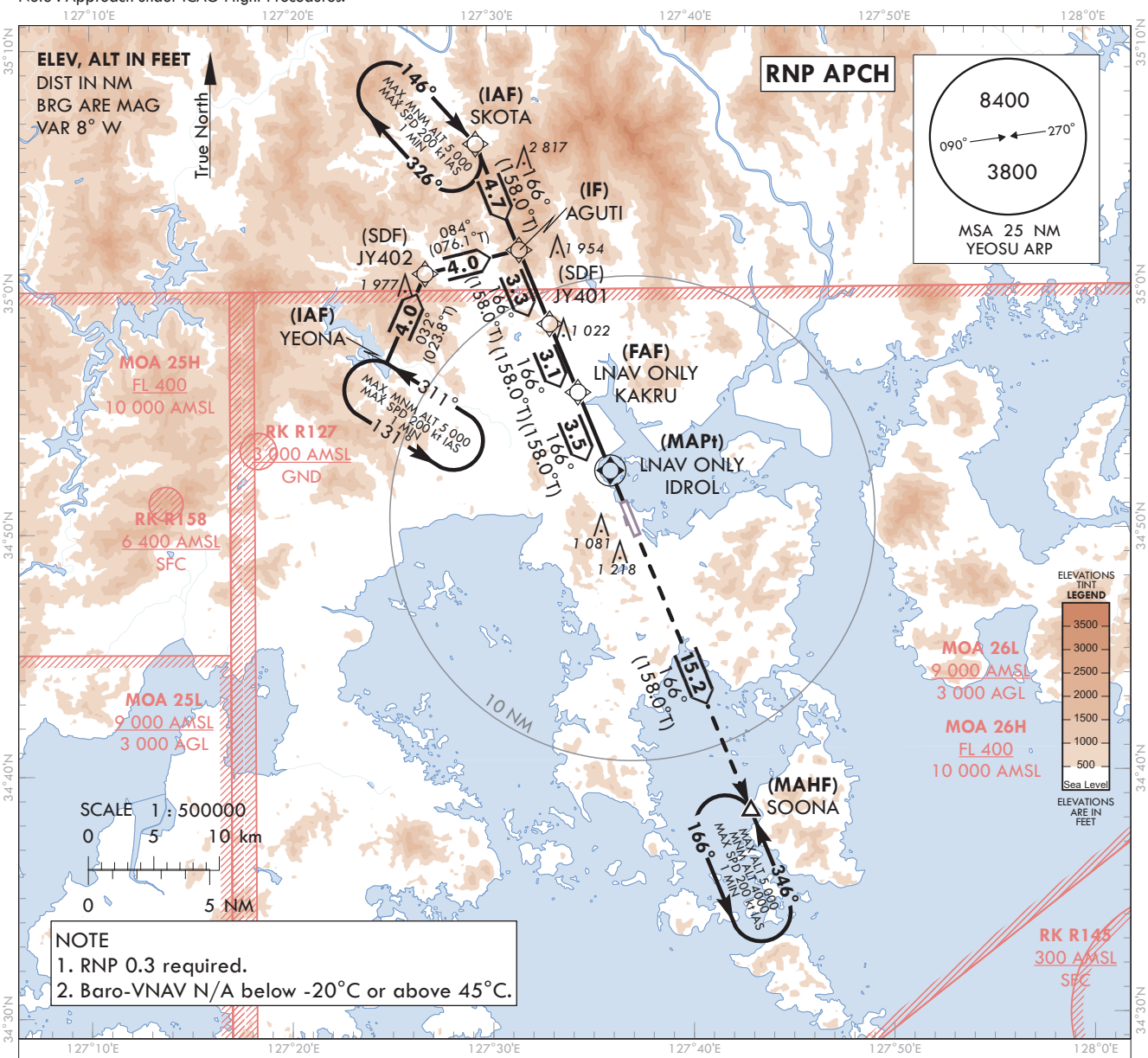
AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV **28** ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

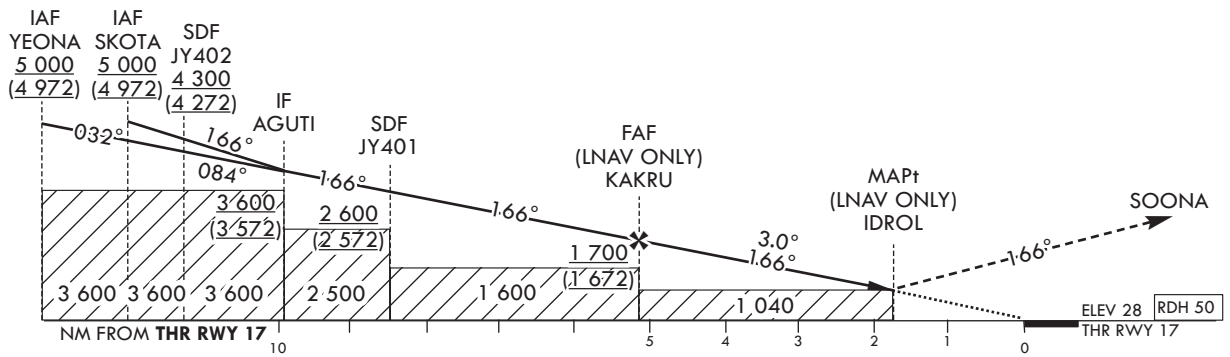
RNP RWY 17

Note : Approach under ICAO Flight Procedures.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

MISSED APPROACH
Climb to 4 000 ft on track of 166° to SOONA.
Hold as published.



OCA (H)		A	B	C	D		Knots	60	90	120	150	180
Straight-in Approach	LNAV/VNAV	910 (882)				Rate of descent	V/V fpm	318	478	637	796	955
	LNAV	1 040 (1 012)				* Timing Not authorized for defining MAPt. * Circling Not authorized.						

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 17 - via SKOTA to AGUTI(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	SKOTA	-	-	-	-	+5 000	-	35°06'04.9"N 127°29'24.2"E	-	RNP APCH	IAF
002	TF	AGUTI	-	166(158.0)	4.7	-	+3 600	-	35°01'41.4"N 127°31'33.6"E	-	RNP APCH	IF

RNP RWY 17 - via YEONA to AGUTI(IF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	YEONA	-	-	-	-	+5 000	-	34°57'03.8"N 127°24'52.1"E	-	RNP APCH	IAF
002	TF	JY402	-	032(023.8)	4.0	-	+4 300	-	35°00'43.7"N 127°26'50.0"E	-	RNP APCH	SDF
003	TF	AGUTI	-	084(076.1)	4.0	-	+3 600	-	35°01'41.4"N 127°31'33.6"E	-	RNP APCH	IF

RNP RWY 17 - via AGUTI(IF) to SOONA(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	TF	AGUTI	-	-	-	-	+3 600	-	35°01'41.4"N 127°31'33.6"E	-	RNP APCH	IF
002	TF	JY401	-	166(158.0)	3.3	-	+2 600	-	34°58'37.8"N 127°33'04.0"E	-	RNP APCH	SDF
003	TF	KAKRU	-	166(158.0)	3.1	-	+1 700	-	34°55'47.5"N 127°34'27.6"E	-	RNP APCH	FAF
004	TF	IDROL	Y	166(158.0)	3.5	-	+1 040	-	34°52'32.9"N 127°36'03.1"E	-3.00/50	RNP APCH	MAPt
005	TF	SOONA	Y	166(158.0)	15.2	-	-	-	34°38'27.5"N 127°42'56.0"E	-	RNP APCH	-
006	HM	SOONA	Y	346(338.5)	-	L	-5 000 +4 000	-200	34°38'27.5"N 127°42'56.0"E	-	RNP APCH	1 MIN (Outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP RWY 17	HM	SKOTA	Y	146(138.0)	1	R	@5 000	-200	35°06'04.9"N 127°29'24.2"E	-	RNAV 1	-
	HM	YEONA	Y	311(302.7)	1	L	@5 000	-200	34°57'03.8"N 127°24'52.1"E	-	RNAV 1	-
	HM	SOONA	Y	346(338.5)	1	L	-5 000 +4 000	-200	34°38'27.5"N 127°42'56.0"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

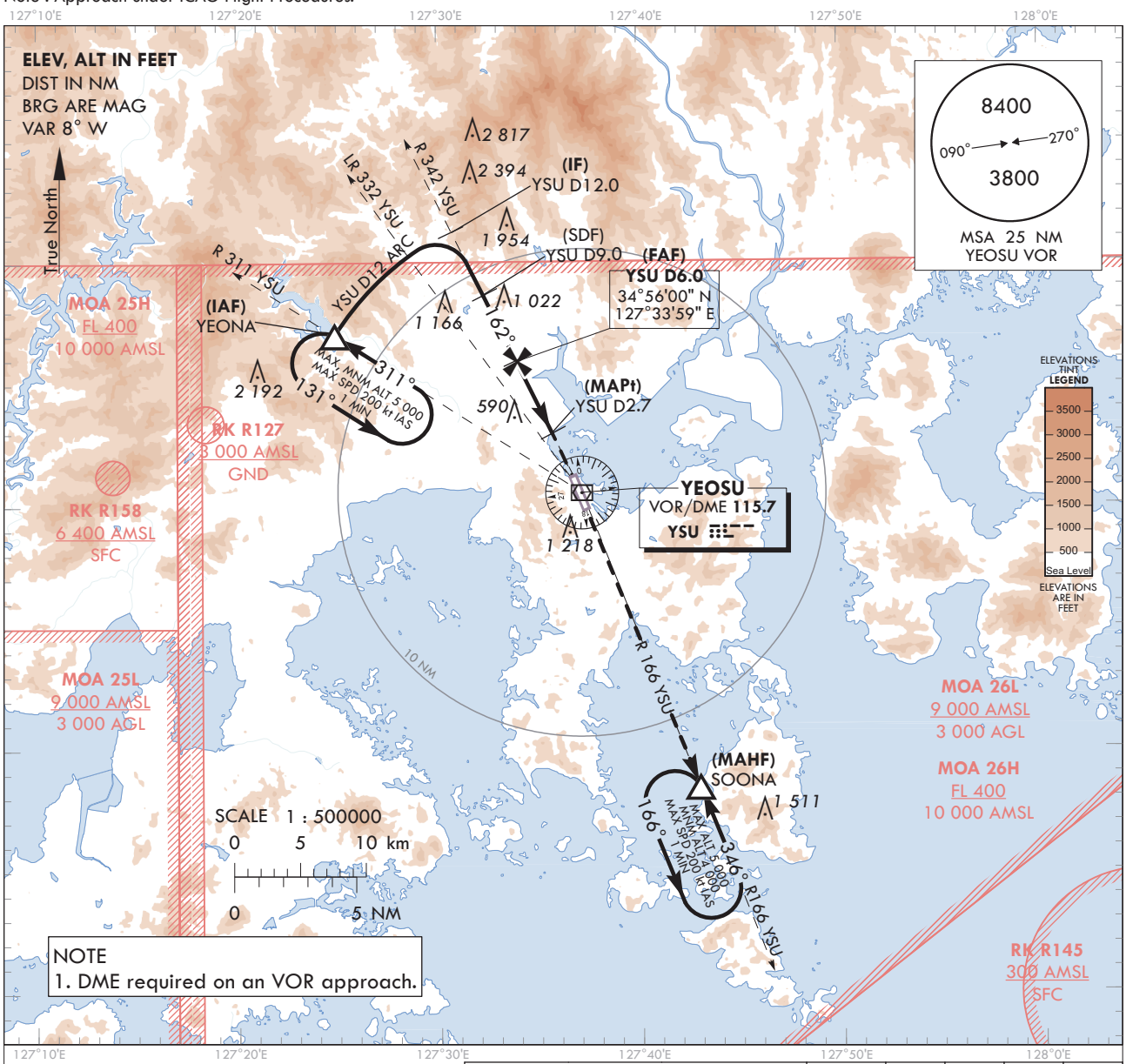
AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV **28** ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

VOR RWY 17

Note : Approach under ICAO Flight Procedures.

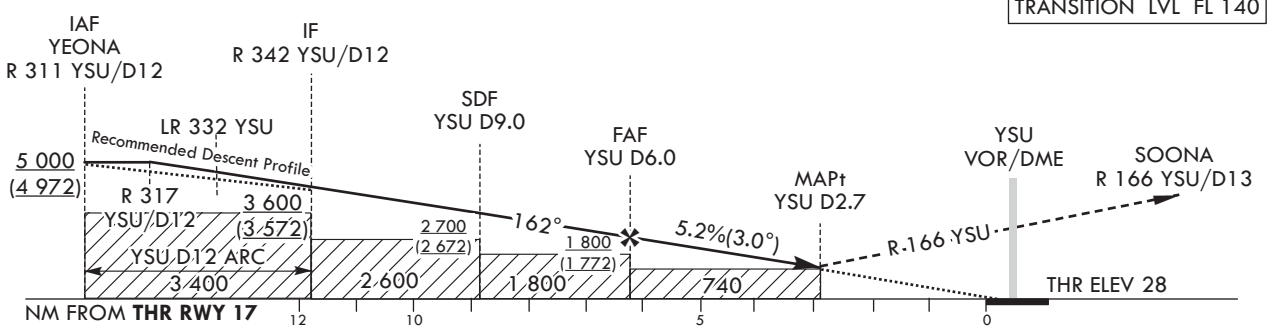


NOTE
1. DME required on an VOR approach.

MISSED APPROACH
Climb on R 166 YSU to SOONA and Hold at 4 000 ft.

RECOMMENDED PROFILE	DME YSU	5	4	3	2.7
Final Approach Gradient 5.22%, 317 ft/NM	ALT(HGT)	1 483 (1 455)	1 166 (1 138)	849 (821)	760 (732)

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



OCA (H)	A	B	C	D
Straight-in Approach(CG 2.5%)	900 (872)			
Straight-in Approach(CG 5.0%)	760 (732)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	317	476	634	793	951

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

YEOSU/Yeosu(RKJY)
VOR RWY 17

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 17 from YEONA			
Fix/point		Coordinates	
YEONA(IAF)	R 311 YSU /12.00 NM YSU	34°57'03.8"N	127°24'52.1"E
D12.0 YSU(IF)	BRG 162.28°/12.00 NM YSU	35°01'24.8"N	127°30'50.3"E
D9.0 YSU(SDF)	BRG 162.28°/9.00 NM YSU	34°58'42.2"N	127°32'24.9"E
D6.0 YSU(FAF)	BRG 162.28°/6.00 NM YSU	34°55'59.5"N	127°33'59.4"E
D2.7 YSU(MAPt)	BRG 162.28°/2.70 NM YSU	34°53'00.6"N	127°35'43.3"E
THR RWY 17	Final approach descent angle 2.99°	34°51'03.73"N	127°36'46.77"E
YSU VOR/DME		34°50'34.3"N	127°37'08.7"E
SOONA	BRG 166.34°/13.00 NM YSU	34°38'27.5"N	127°42'56.0"E

INSTRUMENT APPROACH CHART - ICAO

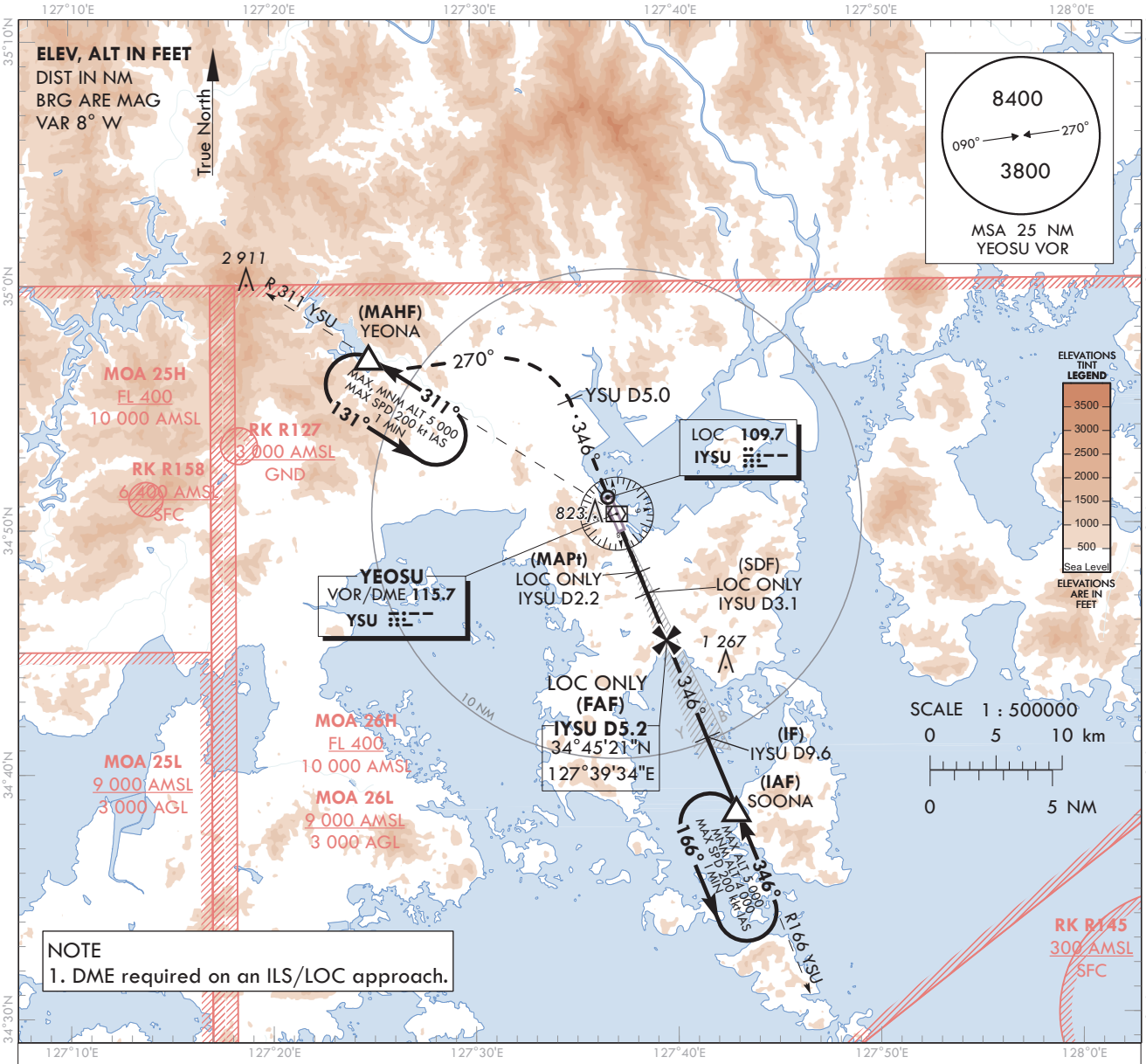
AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV **31** ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

ILS Y or LOC Y RWY 35

Note : Approach under ICAO Flight Procedures.

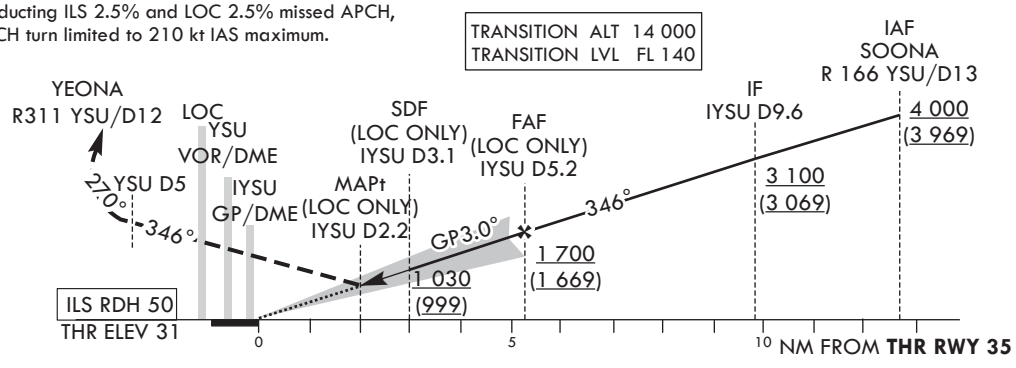


RECOMMENDED PROFILE	DME IYSU	5	4	3	2.5
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 646 (1 615)	1 323 (1 292)	1 001 (970)	850 (819)

MISSED APPROACH
Climb straight ahead to YSU 5 DME, Then turn LEFT HDG 270° to intercept and Climb on R 311 YSU to YEONA and Hold at 5 000 ft

* When conducting ILS 2.5% and LOC 2.5% missed APCH, missed APCH turn limited to 210 kt IAS maximum.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	465 (434)			
	CAT-I (CG 5.0%)	234 (203)			
	LOC	850 (819)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

YEOSU/Yeosu(RKJY)
ILS Y or LOC Y RWY 35

AERONAUTICAL DATA TABULATION

ILS Y / LOC Y Approach to RWY 35 from SOONA			
Fix/point		Coordinates	
SOONA(IAF)	R 166 YSU /13.00 NM YSU	34°38'27.5"N	127°42'56.0"E
D9.6 IYSU(IF)	BRG 345.94°/9.60 NM IYSU	34°41'14.7"N	127°41'34.5"E
D5.2 IYSU(FAF LOC ONLY)	BRG 345.94°/5.17 NM IYSU	34°45'21.2"N	127°39'34.2"E
D3.1 IYSU(SDF LOC ONLY)	BRG 345.94°/3.10 NM IYSU	34°47'16.1"N	127°38'38.1"E
D2.2 IYSU(MAPt LOC ONLY)	BRG 345.94°/2.20 NM IYSU	34°48'06.4"N	127°38'13.5"E
THR RWY 35	Final approach descent angle 3.04° (LOC ONLY)	34°50'00.53"N	127°37'17.70"E
IYSU DME		34°50'10.5"N	127°37'18.1"E
YSU VOR/DME		34°50'34.3"N	127°37'08.7"E
IYSU LOC		34°51'13.0"N	127°36'42.2"E
D5.0 YSU	BRG 345.94°/5.00 NM YSU	34°55'10.9"N	127°34'45.7"E
YEONA	R 311 YSU /12.00 NM YSU	34°57'03.8"N	127°24'52.1"E

INSTRUMENT APPROACH CHART - ICAO

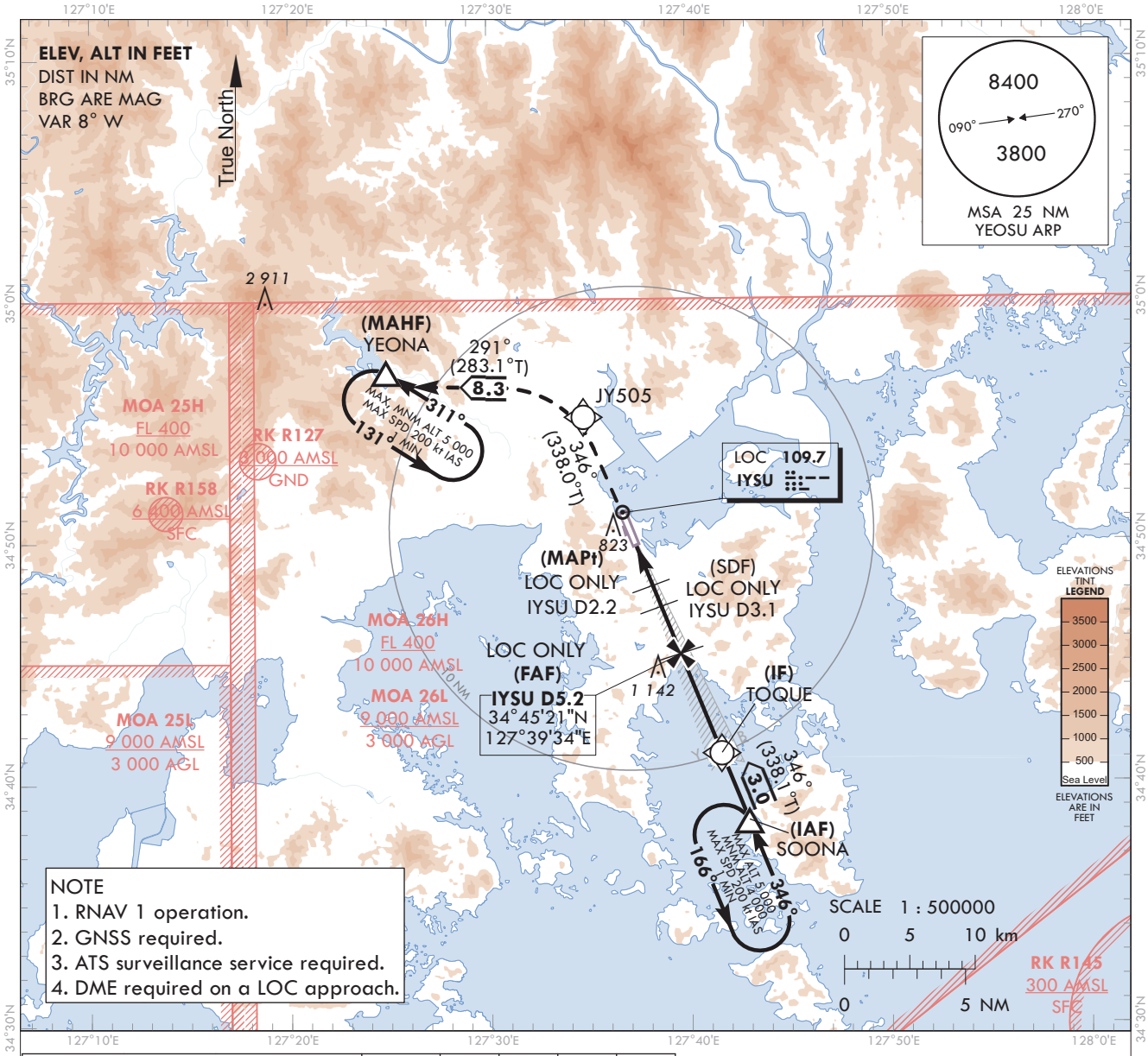
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV **31** ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

ILS Z or LOC Z RWY 35

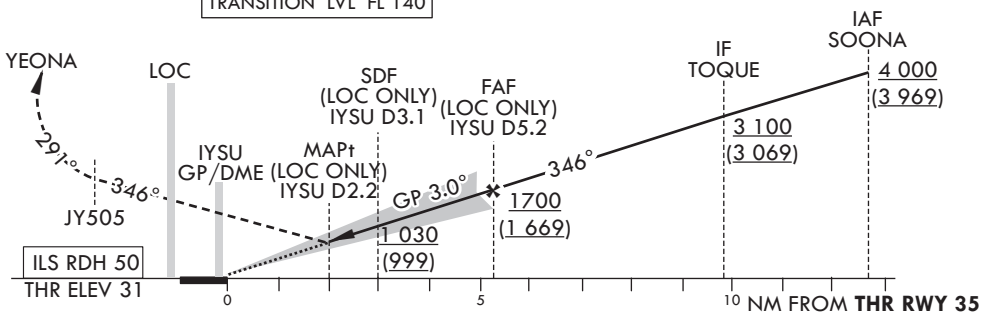


NOTE
1. RNAV 1 operation.
2. GNSS required.
3. ATS surveillance service required.
4. DME required on a LOC approach.

RECOMMENDED PROFILE	DME IYSU	5	4	3	2.5
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 646 (1 615)	1 323 (1 292)	1 001 (970)	850 (819)

MISSED APPROACH
Climb at 5 000 ft on track of 346° to JY505, LEFT turn on track of 291° to YEONA, Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	465 (434)			
	CAT-I (CG 5.0%)	234 (203)			
	LOC	850 (819)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

YEOSU/Yeosu(RKJY)
ILS Z or LOC Z RWY 35

AERONAUTICAL DATA TABULATION

ILS Z / LOC Z Approach to RWY 35 from SOONA			
Fix/point		Coordinates	
SOONA(IAF)		34°38'27.5"N	127°42'56.0"E
TOQUE(IF)		34°41'14.7"N	127°41'34.5"E
D5.2 IYSU(FAF LOC ONLY)	BRG 345.94°/5.17 NM IYSU	34°45'21.2"N	127°39'34.2"E
D3.1 IYSU(SDF LOC ONLY)	BRG 345.94°/3.10 NM IYSU	34°47'16.1"N	127°38'38.1"E
D2.2 IYSU(MAPt LOC ONLY)	BRG 345.94°/2.20 NM IYSU	34°48'06.4"N	127°38'13.5"E
THR RWY 35	Final approach descent angle 3.04° (LOC ONLY)	34°50'00.53"N	127°37'17.70"E
IYSU DME		34°50'10.5"N	127°37'18.1"E
IYSU LOC		34°51'13.0"N	127°36'42.2"E
JY505		34°55'10.9"N	127°34'45.7"E
YEONA		34°57'03.8"N	127°24'52.1"E

INSTRUMENT APPROACH CHART - ICAO

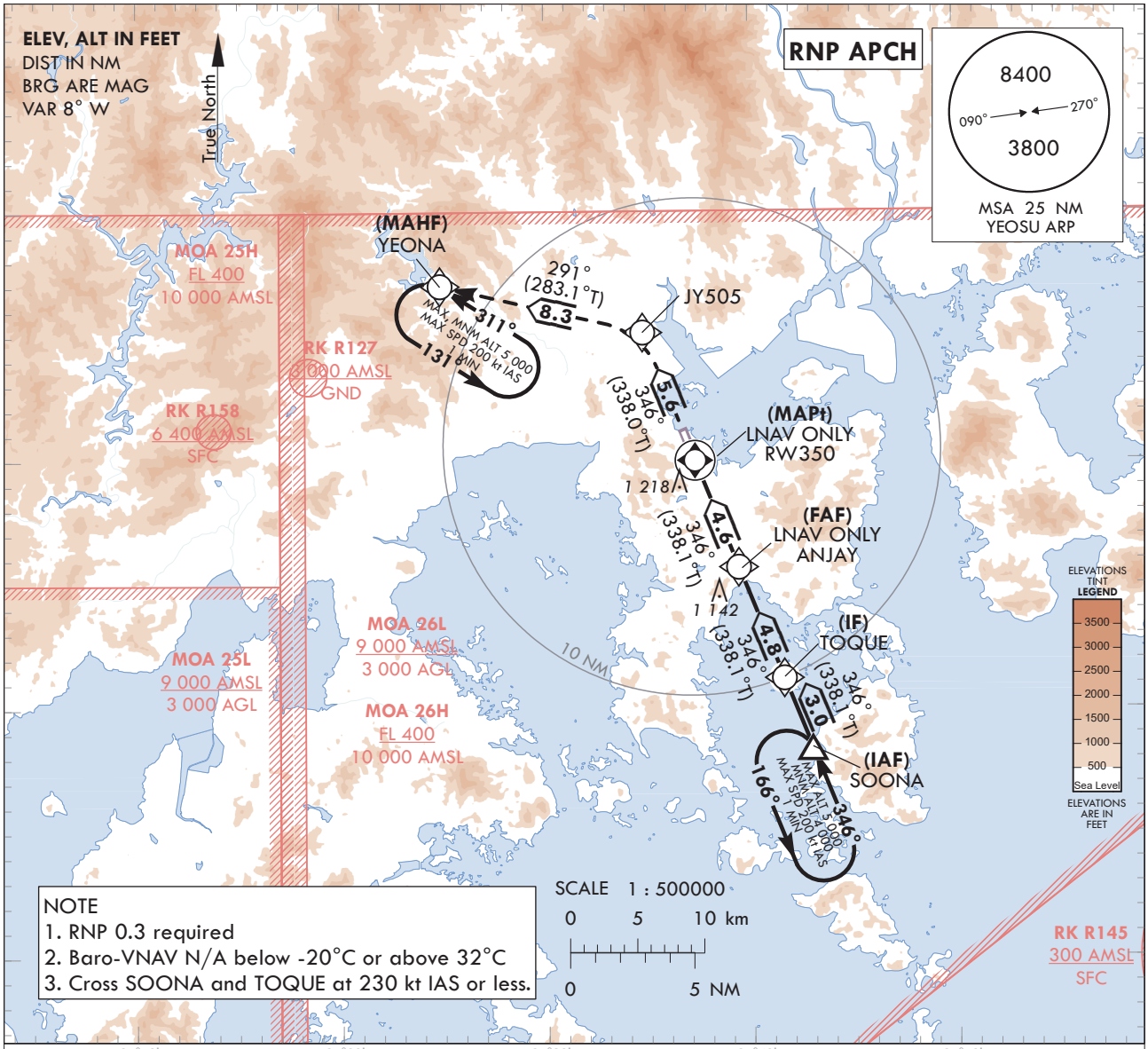
AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV **31** ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

RNP RWY 35

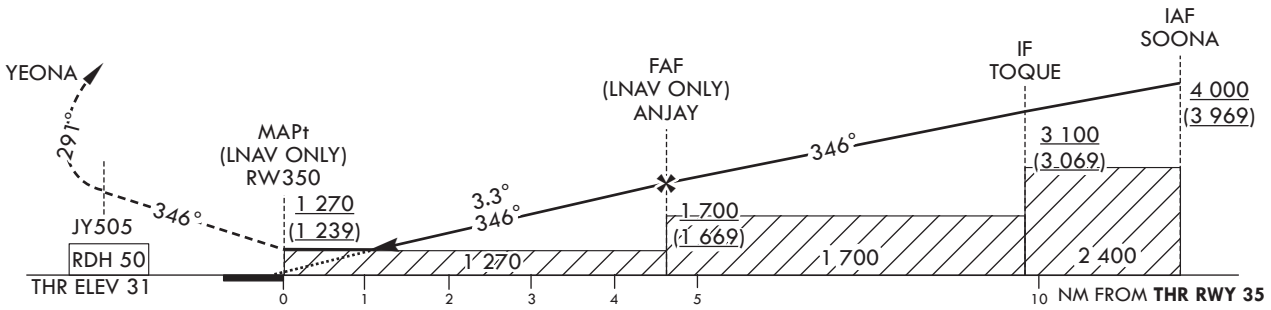
Note : Approach under ICAO Flight Procedures.



NOTE
1. RNP 0.3 required
2. Baro-VNAV N/A below -20°C or above 32°C
3. Cross SOONA and TOQUE at 230 kt IAS or less.

MISSED APPROACH
Climb to 5 000 ft on track of 346° to JY505, LEFT turn on track of 291° to YEONA.
Hold as published.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	1 070 (1 039)			
	LNAV	1 270 (1 239)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	350	525	700	875	1 050

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP RWY 35

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	SOONA	-	-	-	-	+4 000	-230	34°38'27.5"N 127°42'56.0"E	-	RNP APCH	IAF
002	TF	TOQUE	-	346(338.1)	3.0	-	+3 100	-230	34°41'14.7"N 127°41'34.5"E	-	RNP APCH	IF
003	TF	ANJAY	-	346(338.1)	4.8	-	+1 700	-	34°45'42.7"N 127°39'23.7"E	-	RNP APCH	FAF
004	TF	RW350	Y	346(338.1)	4.6	-	+1 270	-	34°50'00.53"N 127°37'17.70"E	-3.30/50	RNP APCH	MAPt
005	TF	JY505	-	346(338.0)	5.6	-	-	-	34°55'10.9"N 127°34'45.7"E	-	RNP APCH	-
006	TF	YEONA	Y	291(283.1)	8.3	-	-	-	34°57'03.8"N 127°24'52.1"E	-	RNP APCH	-
007	HM	YEONA	Y	311(302.6)	-	L	@5 000	-200	34°57'03.8"N 127°24'52.1"E	-	RNP APCH	1 MIN (Outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP RWY 35	HM	SOONA	Y	346(338.5)	1	L	-5 000 +4 000	-200	34°38'27.5"N 127°42'56.0"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

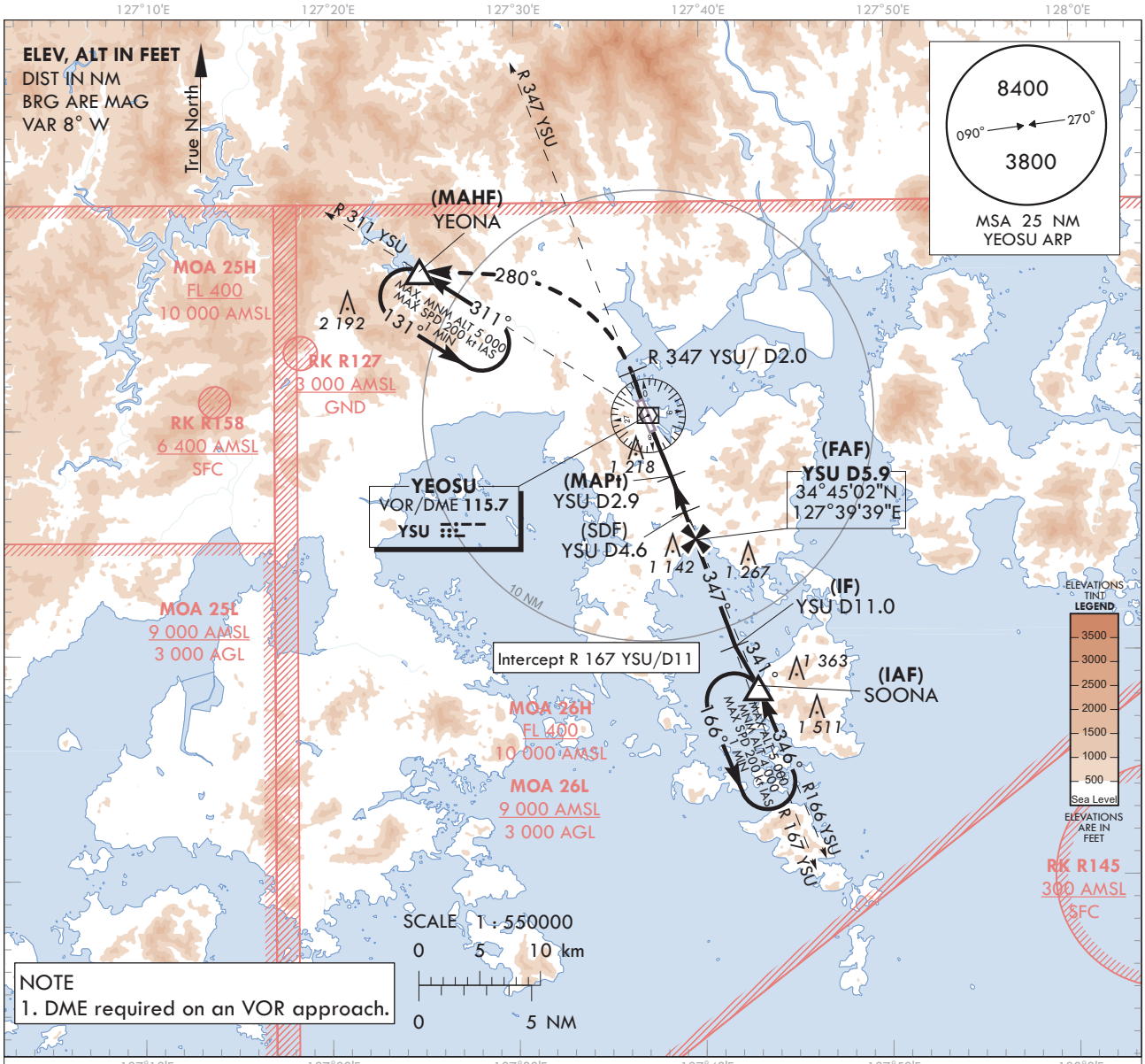
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 53 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV **31** ft

SACHEON	APP	135.4
YEOSU	TWR	122.5
		240.9

YEOSU/Yeosu (RKJY)

VOR RWY 35

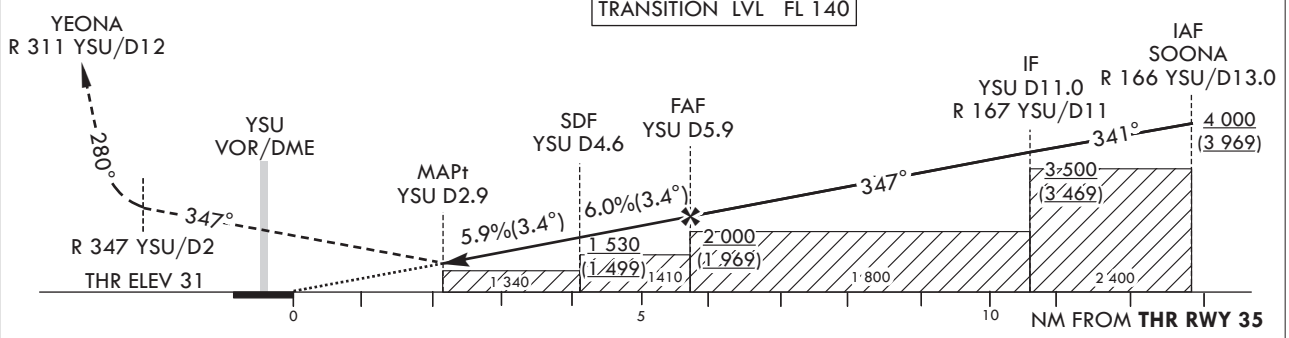


NOTE
1. DME required on an VOR approach.

MISSED APPROACH
Climb straight ahead to R 347 YSU/D2.
Then turn LEFT HDG 280° to intercept and
Climb on R 311 YSU to YEONA. Hold at 5 000 ft.

RECOMMENDED PROFILE	DME YSU	5	4.1
Final Approach Gradient 5.93%, 360 ft/NM	ALT(HGT)	1 676 (1 645)	1 340 (1 309)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)	A	B	C	D
Straight-in Approach	1 340 (1 309)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	360	540	720	900	1 080

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

YEOSU/Yeosu(RKJY)
VOR RWY 35

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 35 from SOONA			
Fix/point		Coordinates	
SOONA(IAF)	R 166 YSU /13.00 NM YSU	34°38'27.5"N	127°42'56.0"E
D11.0 YSU(IF)	BRG 347.41°/11.00 NM YSU	34°40'15.2"N	127°41'48.9"E
D5.9 YSU(FAF)	BRG 347.41°/5.90 NM YSU	34°45'02.3"N	127°39'38.9"E
D4.6 YSU(SDF)	BRG 347.41°/4.60 NM YSU	34°46'15.4"N	127°39'05.8"E
D2.9 YSU(MAPt)	BRG 347.41°/2.90 NM YSU	34°47'51.1"N	127°38'22.3"E
THR RWY 35	Final approach descent angle 3.41°(FAF-SDF) / 3.38°(SDF-THR)	34°50'00.53"N	127°37'17.70"E
YSU VOR/DME		34°50'34.3"N	127°37'08.7"E
D2.0 YSU	BRG 347.15°/2.00 NM YSU	34°52'26.9"N	127°36'17.0"E
YEONA	BRG 310.64°/12.00 NM YSU	34°57'03.8"N	127°24'52.1"E

INSTRUMENT APPROACH CHART

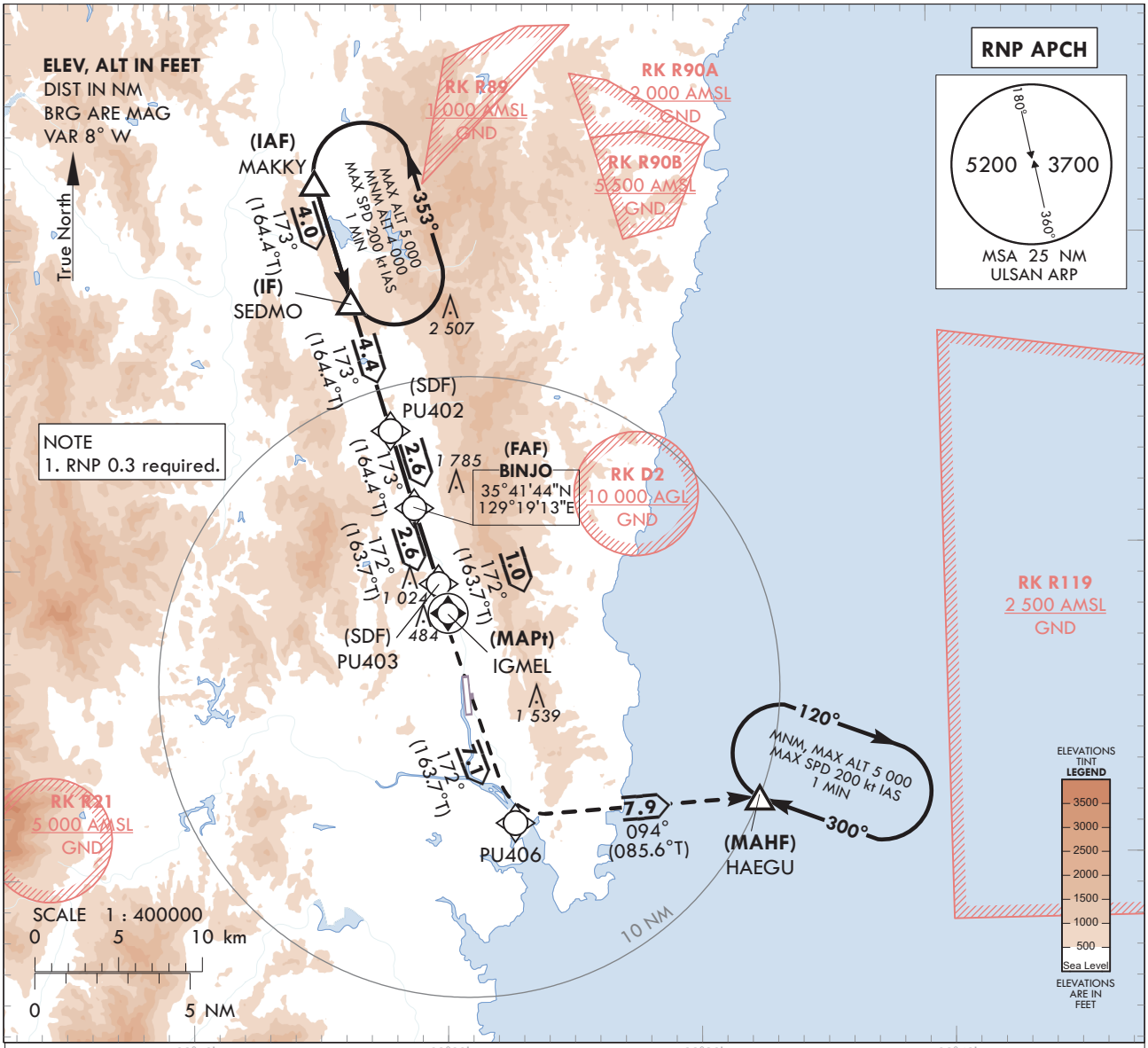
Note : Approach Under U.S.TERPS.

AERODROME ELEV 42 ft
HEIGHTS RELATED TO
THR RWY 18 - ELEV **42** ft

POHANG	APP	124.25 120.2
ULSAN	TWR	118.75

ULSAN/Ulsan(RKPU)

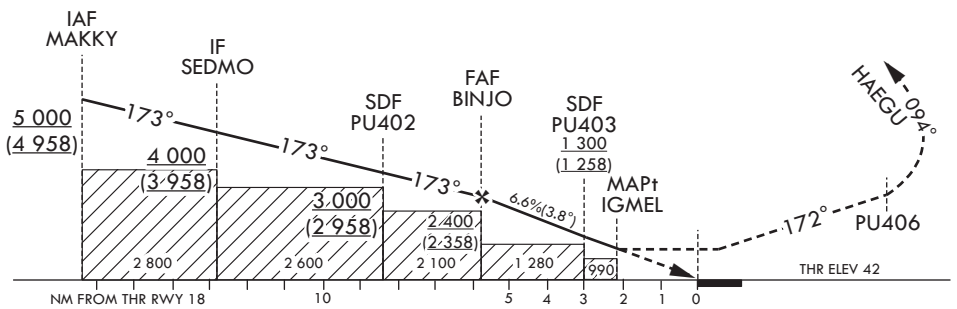
RNP Y RWY 18



RECOMMENDED PROFILE(FAA)	THR RWY 18	5	4	3	2.2
Final Approach Gradient 6.58%, 400 ft/NM	ALT(HGT)	2 092 (2 050)	1 692 (1 650)	1 292 (1 250)	990 (948)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb on track of 172° to PU406 then LEFT turn on track of 094° to HAEGU and HOLD at 5 000 ft.



* Missed APCH climb rate : 304 ft/NM(5.0%)

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	400	600	800	1 000	1 200

OCA (H)		A	B	C	D
Straight-in Approach	LNAV	990 (948)			N/A

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP Y RWY 18

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	MAKKY	-	-	-	-	+5 000	-	35°52'18.8"N 129°15'35.8"E	-	RNP APCH	IAF
002	TF	SEDMO	-	173(164.4)	4.0	-	+4 000	-	35°48'27.1"N 129°16'55.0"E	-	RNP APCH	IF
003	TF	PU402	-	173(164.4)	4.4	-	+3 000	-	35°44'14.2"N 129°18'21.4"E	-	RNP APCH	SDF
004	TF	BINJO	-	173(164.4)	2.6	-	+2 400	-	35°41'43.5"N 129°19'12.8"E	-	RNP APCH	FAF
005	TF	PU403	-	172(163.7)	2.6	-	+1 300	-	35°39'15.5"N 129°20'05.6"E	-	RNP APCH	SDF
006	TF	IGMEL	Y	172(163.7)	1.0	-	+990	-	35°38'17.7"N 129°20'26.4"E	-3.77/50	RNP APCH	MAPt
007	TF	PU406	-	172(163.7)	7.1	-	-	-	35°31'29.1"N 129°22'52.3"E	-	RNP APCH	-
008	TF	HAEGU	Y	094(085.6)	7.9	-	-	-	35°32'06.7"N 129°32'32.3"E	-	RNP APCH	-
009	HM	HAEGU	Y	300 (292.1)	-	R	@5 000	-200	35°32'06.7"N 129°32'32.3"E	-	RNP APCH	1 min (Outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP Y RWY 18	HM	SEDMO	Y	173(164.4)	1.0	L	-5 000 +4 000	-200	35°48'27.1"N 129°16'55.0"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

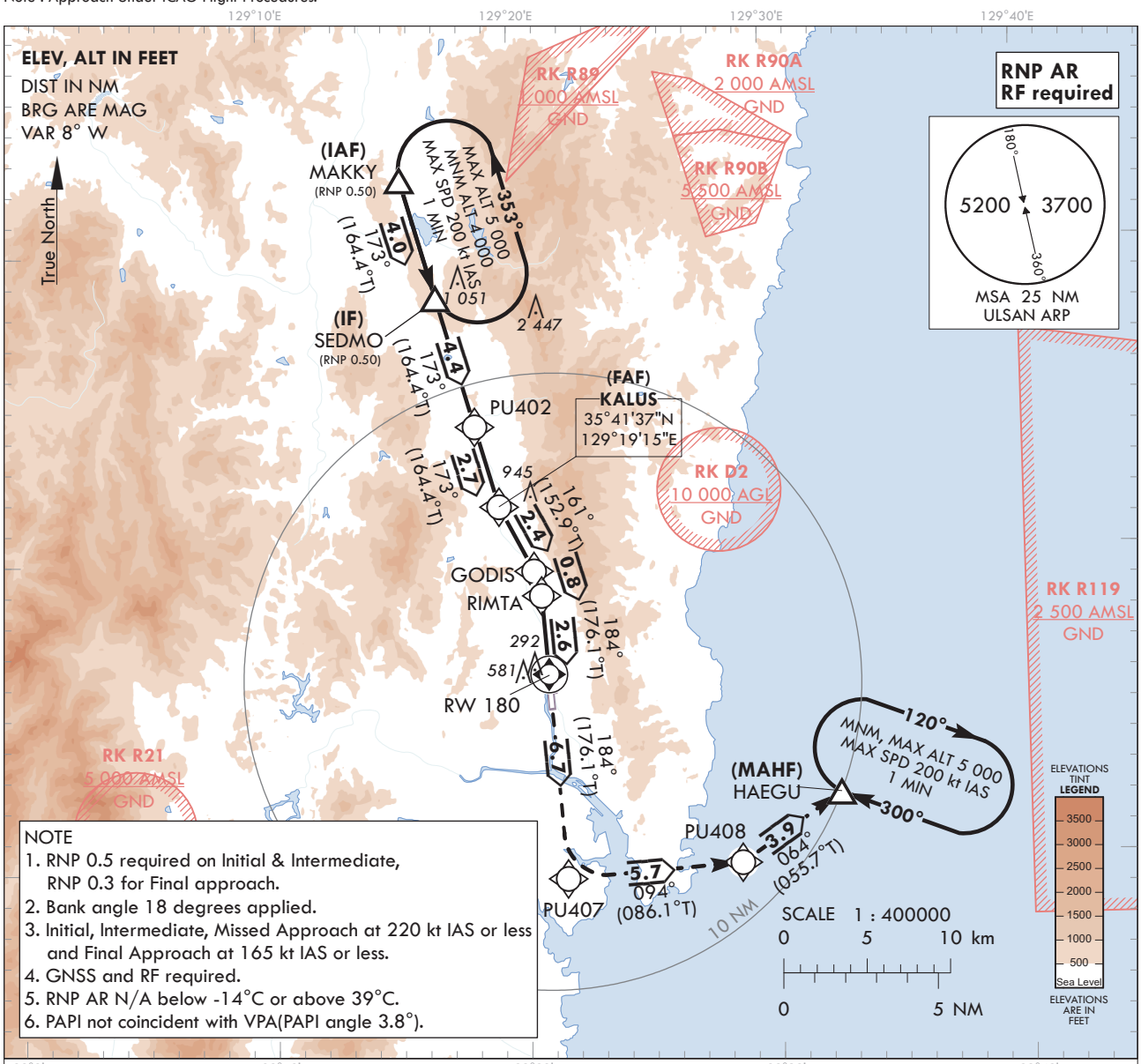
Note : Approach Under ICAO Flight Procedures.

AERODROME ELEV 42 ft
HEIGHTS RELATED TO
THR RWY 18 - ELEV **42** ft

POHANG	APP	124.25
		120.2
ULSAN	TWR	118.75

ULSAN/Ulsan(RKPU)

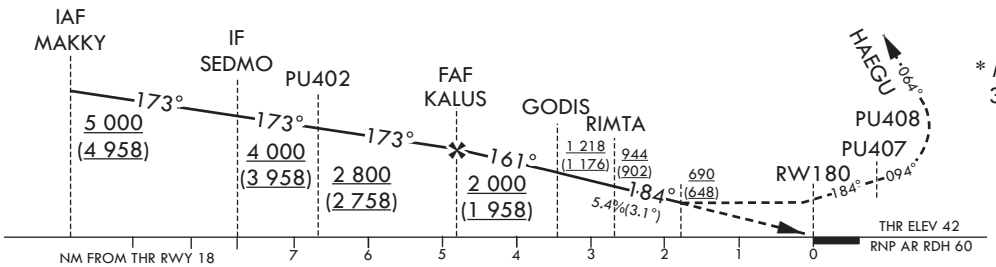
RNP Z RWY 18(AR)



NOTE
1. RNP 0.5 required on Initial & Intermediate, RNP 0.3 for Final approach.
2. Bank angle 18 degrees applied.
3. Initial, Intermediate, Missed Approach at 220 kt IAS or less and Final Approach at 165 kt IAS or less.
4. GNSS and RF required.
5. RNP AR N/A below -14°C or above 39°C.
6. PAPI not coincident with VPA(PAPI angle 3.8°).

MISSED APPROACH
Climb on track of 184° to PU407 then LEFT turn on track of 094° to PU408 then LEFT turn on track of 064° to HAEGU and Hold at 5 000 ft.
* DA to RW180 1.8 NM.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



* Missed APCH climb rate : 304 ft/NM(5.0%) for ATC

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	329	494	658	823	987

OCA (H)		A	B	C	D
Straight-in Approach	RNP 0.3	690 (648)			

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

Instrument Approach Procedure Coding Tables

RNP Z RWY 18 (AR)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	MAKKY	-	-	-	-	+5 000	-220	35°52'18.8"N 129°15'35.8"E	-	-	IAF
002	TF	SEDMO	-	173(164.4)	4.0	-	+4 000	-220	35°48'27.1"N 129°16'55.0"E	-	0.5	IF
003	TF	PU402	-	173(164.4)	4.4	-	+2 800	-220	35°44'14.2"N 129°18'21.4"E	-	0.5	
004	TF	KALUS	-	173(164.4)	2.7	-	+2 000	-165	35°41'37.4"N 129°19'14.9"E		0.3	FAF Bank Angle 18°
005	TF	GODIS	-	161(152.9)	2.4	L	+1 218	-165	35°39'30.7"N 129°20'34.3"E	-3.10	0.3	Bank Angle 18°
006	RF Center : ARC01 r=2.08 NM	RIMTA	-	-	0.8	R	+944	-165	35°38'42.4"N 129°20'50.7"E	-3.10	0.3	Bank Angle 18°
007	TF	RW180	Y	184(176.1)	2.6	-	-	-165	35°36'08.9"N 129°21'03.5"E	-3.10/60	0.3	-
008	TF	PU407	-	184(176.1)	6.7	-	-	-220	35°29'30.2"N 129°21'36.8"E	-	1.0	
009	TF	PU408	-	094(086.1)	5.7	L	-	-220	35°29'53.2"N 129°28'33.2"E	-	1.0	Bank Angle 18°
010	TF	HAEGU	Y	064(055.7)	3.9	L	+5 000	-220	35°32'06.7"N 129°32'32.3"E	-	1.0	Bank Angle 18°
011	HM	HAEGU	Y	300 (292.1)	-	R	@5 000	-200	35°32'06.7"N 129°32'32.3"E	-	RNP APCH	1 min (Outbound timing)

RF arc center Identifier		Coordinates
ARC01		35°38'33.8"N 129°18'18.0"E

INSTRUMENT APPROACH CHART

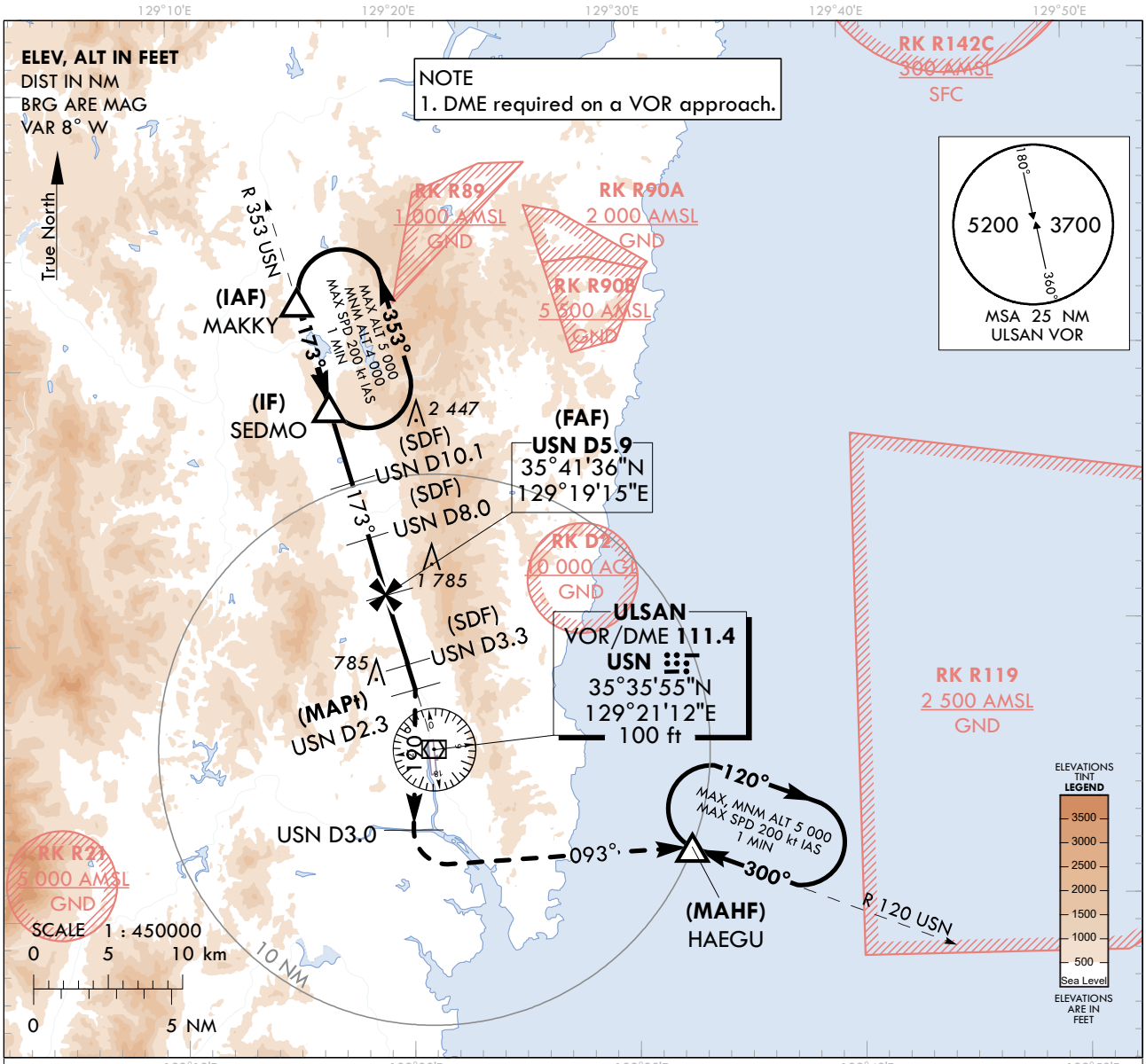
Note : Approach Under U.S.TERPS.

AERODROME ELEV 42 ft
HEIGHTS RELATED TO AD ELEV

POHANG	APP	124.25 120.2
ULSAN	TWR	118.75

ULSAN/Ulsan(RKPU)

VOR RWY 18

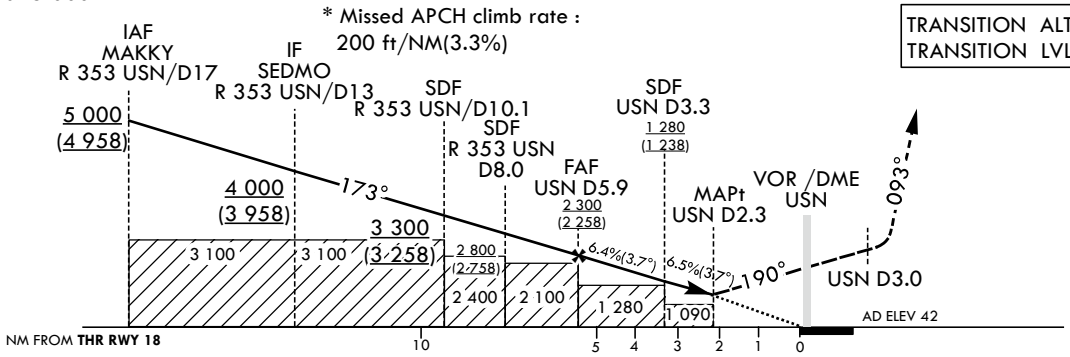


MISSED APPROACH
Climb on HDG 190° to USN 3 DME, then LEFT turn direct to HAEGU and Hold at 5 000 ft.

RECOMMENDED PROFILE(FAA)	DME USN	5	4	3	2.8
Final Approach Gradient 6.45%, 392 ft/NM	ALT(HGT)	1 947 (1 906)	1 556 (1 514)	1 164 (1 122)	1 080 (1 038)

* Missed APCH climb rate : 200 ft/NM(3.3%)

TRANSITION ALT	14 000	
TRANSITION LVL	FL 140	



OCA (H)	A	B	C	D
Straight-in Approach	1 090 (1 048)			N/A

	Knots	60	90	120	150	180
Rate of descrent	V/V fpm	392	588	784	980	1 175

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

ULSAN/Ulsan(RKPU)
VOR RWY 18

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 18 from MAKKY		
Fix/point		Coordinates
MAKKY(IAF)	R 353 USN / 17.00 NM USN	35°52'18.8"N 129°15'35.8"E
SEDMO(IF)	BRG 172.64°/ 13.00 NM USN	35°48'27.1"N 129°16'55.0"E
D10.1 USN(SDF)	BRG 172.64°/ 10.10 NM USN	35°45'39.1"N 129°17'51.8"E
D8.0 USN(SDF)	BRG 172.64°/ 8.00 NM USN	35°43'37.6"N 129°18'33.5"E
D5.9 USN(FAF)	BRG 172.64°/ 5.90 NM USN	35°41'36.0"N 129°19'15.1"E
D3.3 USN(SDF)	BRG 172.64°/ 3.28 NM USN	35°39'04.4"N 129°20'07.0"E
D2.3 USN(MAPt)	BRG 172.64°/ 2.26 NM USN	35°38'05.4"N 129°20'27.1"E
THR RWY 18	Final approach descent angle 3.67°(FAF-SDF) / 3.71°(SDF-THR)	35°36'08.89"N 129°21'03.54"E
USN VOR/DME		35°35'54.6"N 129°21'11.8"E
D3.0 USN	BRG 190.62°/ 3.00 NM USN	35°33'01.3"N 129°20'11.6"E
HAEGU	BRG 93.43°/ 10.00 NM USN	35°32'06.7"N 129°32'32.3"E

INSTRUMENT APPROACH CHART - ICAO

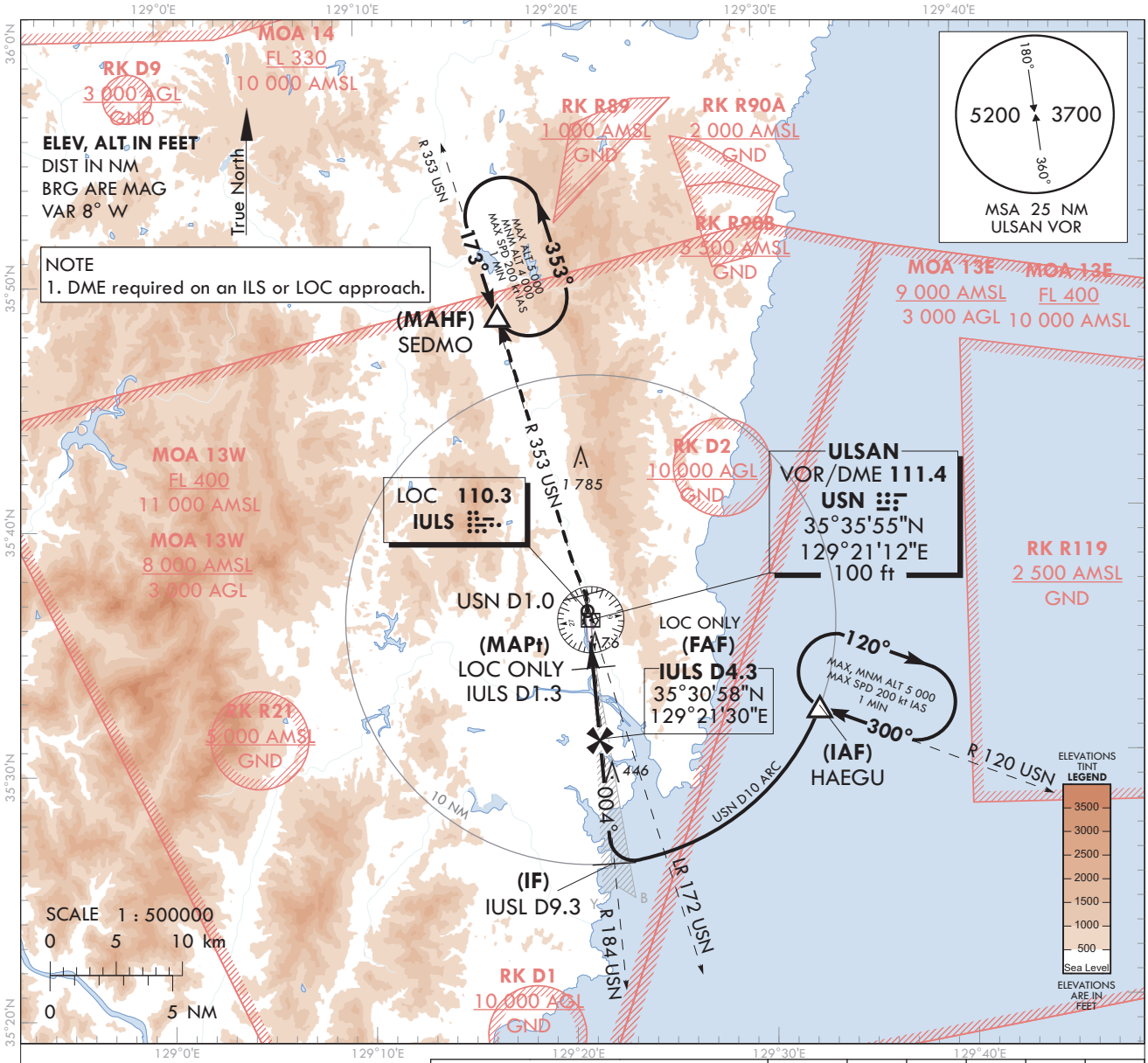
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 42 ft
HEIGHTS RELATED TO
THR RWY 36 - ELEV **28 ft**

POHANG	APP	124.25 120.2
ULSAN	TWR	118.75

ULSAN/Ulsan(RKPU)

ILS Y or LOC Y RWY 36

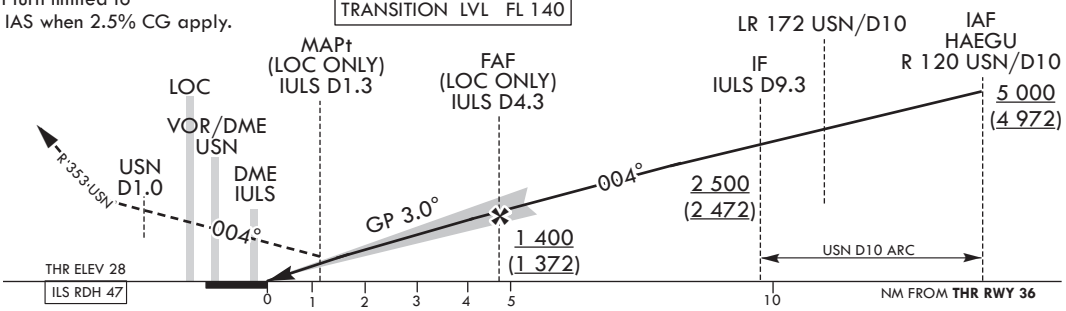


MISSED APPROACH
Climb on HDG 004° to USN 1 DME,
then LEFT turn to intercept R 353 USN to SEDMO.
Hold at SEDMO at 4 000 ft.

* Missed APCH turn limited to
MAX 200 kt IAS when 2.5% CG apply.

RECOMMENDED PROFILE(LOC ONLY)	DME IULS	6	5	4	3	2.3
Final Approach Gradient 5.28%, 321 ft/NM	ALT(HGT)	1 950 (1 922)	1 620 (1 592)	1 300 (1 272)	980 (952)	750 (722)

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	710 (682)			
	CAT-I (CG 5.0%)	246 (218)			
	LOC	750 (722)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

ULSAN/Ulsan(RKPU)
ILS Y or LOC Y RWY 36

AERONAUTICAL DATA TABULATION

ILS Y / LOC Y Approach to RWY 36 from HAEGU			
Fix/point		Coordinates	
HAEGU(IAF)	R 120 USN / 10.00 NM USN	35°32'06.7"N	129°32'32.3"E
D9.3 IULS(IF)	BRG 4.31°/ 9.30 NM IULS	35°25'54.7"N	129°21'54.8"E
D4.3 IULS(FAF LOC ONLY)	BRG 4.31°/ 4.30 NM IULS	35°30'57.6"N	129°21'29.5"E
D1.3 IULS(MAPt LOC ONLY)	BRG 4.31°/ 1.30 NM IULS	35°33'55.7"N	129°21'14.7"E
THR RWY 36	Final approach descent angle 2.90° (LOC ONLY)	35°35'04.15"N	129°21'08.95"E
IULS DME		35°35'13.8"N	129°21'12.2"E
USN VOR/DME		35°35'54.6"N	129°21'11.8"E
IULS LOC		35°36'16.3"N	129°21'02.9"E
D1.0 USN	BRG 4.31°/ 1.00 NM USN	35°36'53.8"N	129°20'59.8"E
SEDMO	BRG 352.68°/ 13.00 NM USN	35°48'27.1"N	129°16'55.0"E

INSTRUMENT APPROACH CHART - ICAO

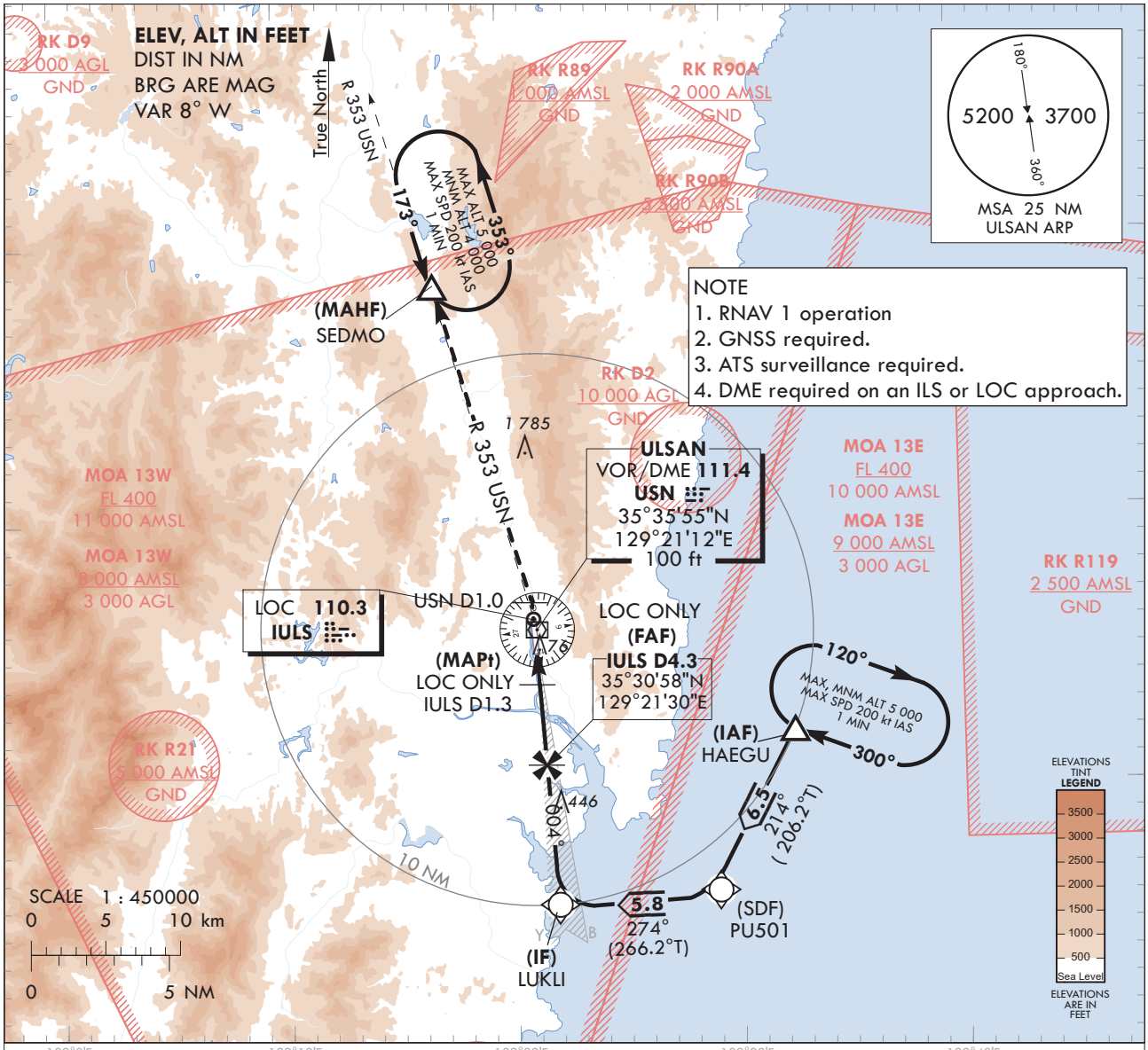
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 42 ft
HEIGHTS RELATED TO
THR RWY 36 - ELEV **28** ft

POHANG	APP	124.25
		120.2
ULSAN	TWR	118.75

ULSAN/Ulsan(RKPU)

ILS Z or LOC Z RWY 36



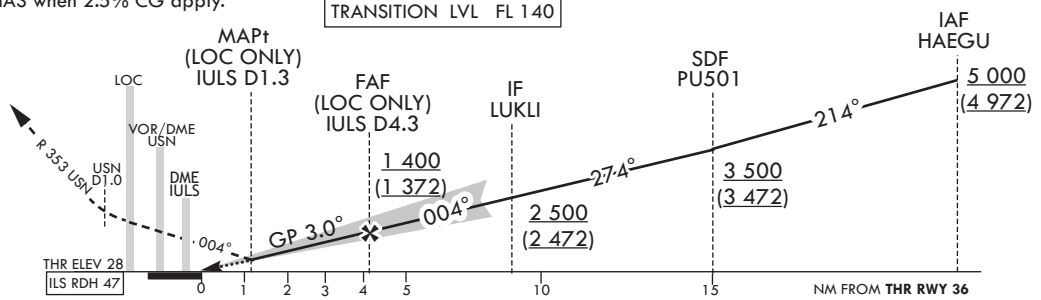
NOTE
1. RNAV 1 operation
2. GNSS required.
3. ATS surveillance required.
4. DME required on an ILS or LOC approach.

MISSED APPROACH
Climb on HDG 004° to USN 1 DME, then LEFT turn to intercept R 353 USN to SEDMO.
Hold at SEDMO at 4 000 ft.

* Missed APCH turn limited to MAX 200 kt IAS when 2.5% CG apply.

RECOMMENDED PROFILE(LOC ONLY)	DME IULS	6	5	4	3	2.3
Final Approach Gradient 5.28%, 321 ft/NM	ALT(HGT)	1 950 (1 922)	1 620 (1 592)	1 300 (1 272)	980 (952)	750 (722)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	710 (682)			
	CAT-I (CG 5.0%)	246 (218)			
	LOC	750 (722)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

*Timing Not authorized for defining MAPt.
*Circling Not authorized.

Change : Information of landing minima(OCA(H)).

ULSAN/Ulsan(RKPU)
ILS Z or LOC Z RWY 36

AERONAUTICAL DATA TABULATION

ILS Z / LOC Z Approach to RWY 36 from HAEGU			
Fix/point		Coordinates	
HAEGU(IAF)		35°32'06.7"N	129°32'32.3"E
PU501(SDF)		35°26'18.1"N	129°29'02.9"E
LUKLI(IF)	BRG 4.31°/ 9.30 NM IULS	35°25'54.4"N	129°21'54.8"E
D4.3 IULS(FAF LOC ONLY)	BRG 4.31°/ 4.30 NM IULS	35°30'57.6"N	129°21'29.5"E
D1.3 IULS(MAPt LOC ONLY)	BRG 4.31°/ 1.30 NM IULS	35°33'55.7"N	129°21'14.7"E
THR RWY 36	Final approach descent angle 2.90° (LOC ONLY)	35°35'04.15"N	129°21'08.95"E
IULS DME		35°35'13.8"N	129°21'12.2"E
USN VOR/DME		35°35'54.6"N	129°21'11.8"E
IULS LOC		35°36'16.3"N	129°21'02.9"E
D1.0 USN	BRG 4.31°/ 1.00 NM USN	35°36'53.8"N	129°20'59.8"E
SEDMO	BRG 352.68°/ 13.00 NM USN	35°48'27.1"N	129°16'55.0"E

INSTRUMENT APPROACH CHART - ICAO

Note : Approach under ICAO Flight Procedures.

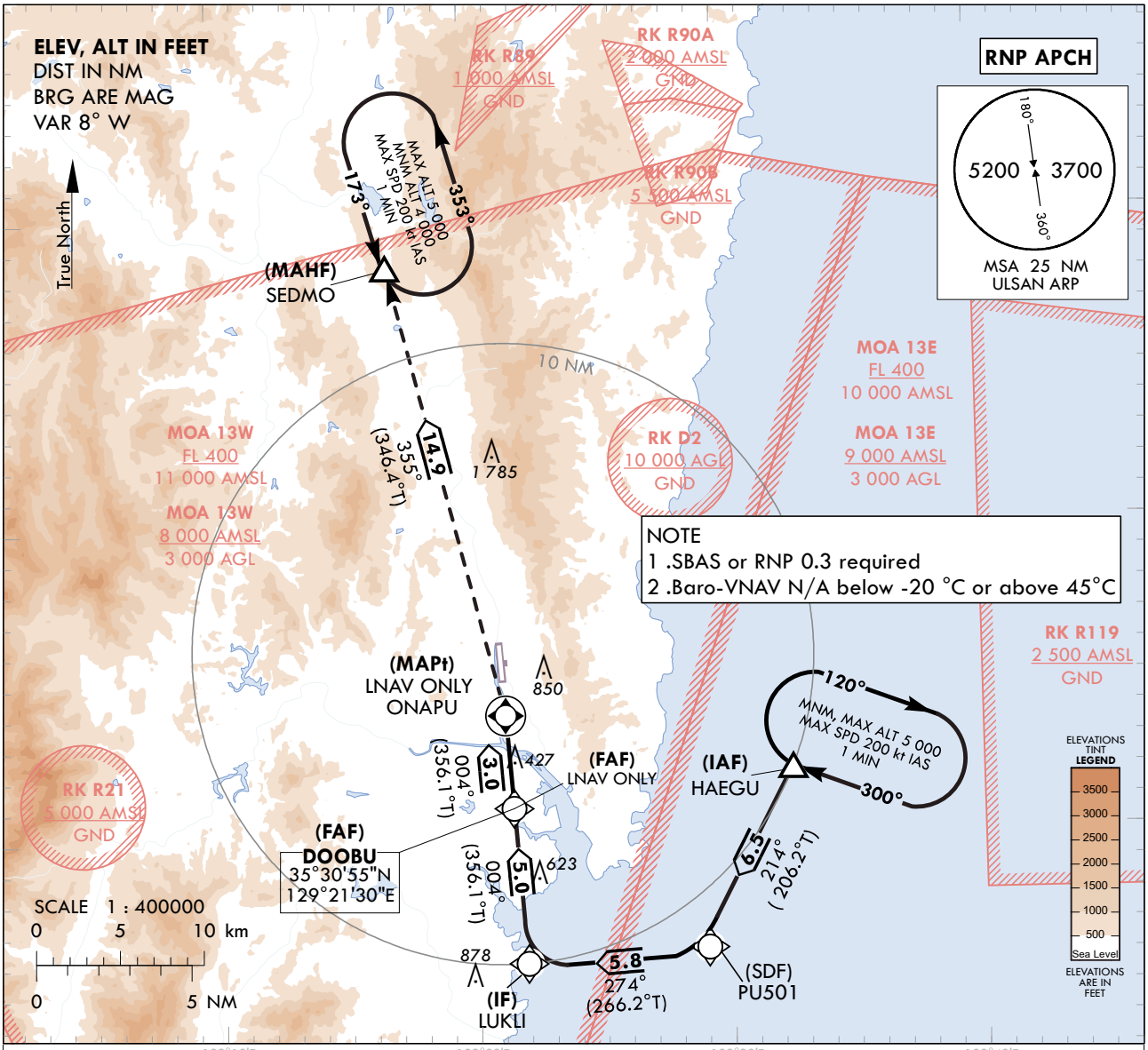
AERODROME ELEV 42 ft
HEIGHTS RELATED TO
THR RWY 36 - ELEV **28 ft**

POHANG	APP	124.25
		120.2
ULSAN	TWR	118.75

KASS
CH1318
K36A
RDH : 50

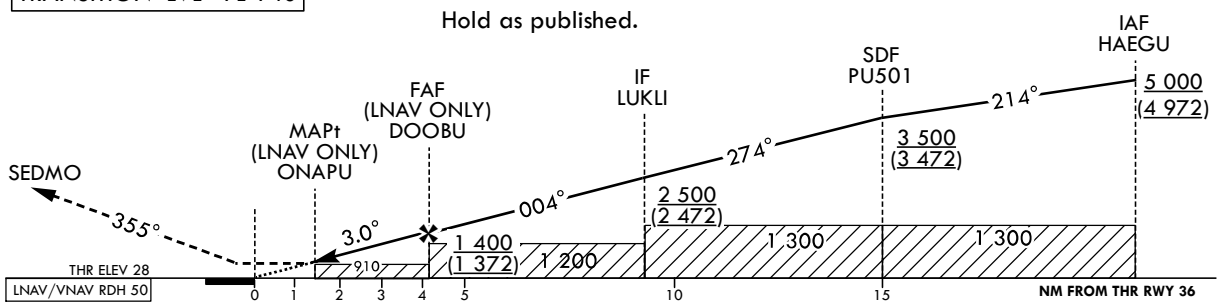
ULSAN/Ulsan(RKPU)

RNP RWY 36



TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb to 4 000 ft on track of 355° to SEDMO.
Hold as published.



OCA (H)		A	B	C	D
Straight-in Approach	LPV (CG 2.5%)	740 (712)			
	LPV (CG 5.0%)	340 (312)			
	LNAV/VNAV	810 (782)			
	LNAV	910 (882)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	319	478	637	796	956

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 36

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
001	IF	HAEGU	-	-	-	-	+5 000	-	35°32'06.7"N 129°32'32.3"E	-	RNP APCH	IAF
002	TF	PU501	-	214(206.2)	6.5	-	+3 500	-	35°26'18.1"N 129°29'02.9"E	-	RNP APCH	SDF
003	TF	LUKLI	-	274(266.2)	5.8	-	+2 500	-	35°25'54.4"N 129°21'54.8"E	-	RNP APCH	IF
004	TF	DOOBU	-	004(356.1)	5.0	-	+1 400	-	35°30'55.3"N 129°21'29.7"E	-	RNP APCH	FAF
005	TF	ONAPU	Y	004(356.1)	3.0	-	+910	-	35°33'54.4"N 129°21'14.8"E	-3.00/50	RNP APCH	MAPt
006	HM	SEDMO	Y	355(346.4)	14.9	-	-	-	35°48'27.1"N 129°16'55.0"E	-	RNP APCH	1 min (Outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNP RWY 36	HM	HAEGU	Y	300 (292.1)	1.0	R	@5 000	-200	35°32'06.7"N 129°32'32.3"E	-	RNAV 1	-
	HM	SEDMO	Y	173 (164.4)	1.0	L	-5 000 +4 000	-200	35°48'27.1"N 129°16'55.0"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

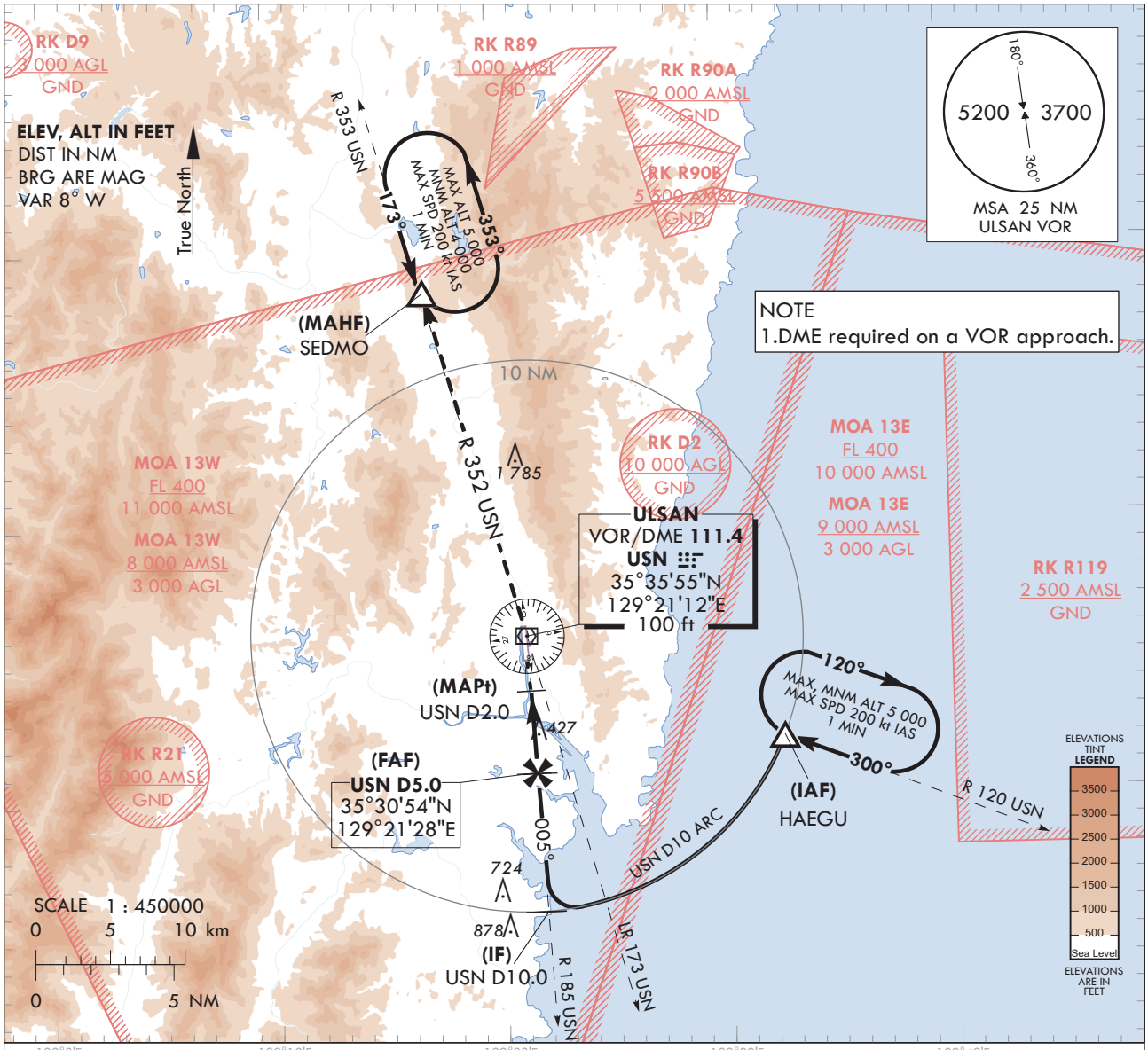
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 42 ft
HEIGHTS RELATED TO
THR RWY 36 - ELEV **28 ft**

POHANG	APP	124.25 120.2
ULSAN	TWR	118.75

ULSAN/Ulsan(RKPU)

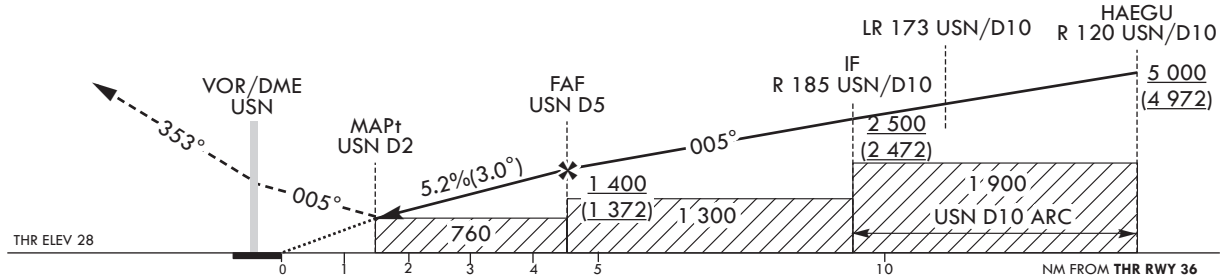
VOR RWY 36



RECOMMENDED PROFILE	DME USN	5	4	3
Final Approach Gradient 5.24%, 318 ft/NM	ALT(HGT)	1 400 (1 372)	1 080 (1 052)	760 (732)

MISSED APPROACH
Climb direct to USN then proceed on R 353 USN to SEMDO and Hold at 4 000 ft.

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140



OCA (H)	A	B	C	D
Straight-in Approach	760 (732)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	477	636	795	954

* Timing Not authorized for defining MAPt.
* Circling Not authorized.

Change : Information of landing minima(OCA(H)).

ULSAN/Ulsan(RKPU)
VOR RWY 36

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 36 from HAEGU		
Fix/point		Coordinates
HAEGU(IAF)	R 120 USN / 10.00 NM USN	35°32'06.7"N 129°32'32.3"E
D10.0 USN(IF)	BRG 5.63°/ 10.00 NM USN	35°25'54.3"N 129°21'44.9"E
D5.0 USN(FAF)	BRG 5.63°/ 5.00 NM USN	35°30'54.4"N 129°21'28.4"E
D2.0 USN(MAPt)	BRG 5.63°/ 2.00 NM USN	35°33'54.5"N 129°21'18.5"E
THR RWY 36	Final approach descent angle 2.99°	35°35'04.15"N 129°21'08.95"E
USN VOR/DME		35°35'54.6"N 129°21'11.8"E
SEDMO	BRG 352.68°/ 13.00 NM USN	35°48'27.1"N 129°16'55.0"E

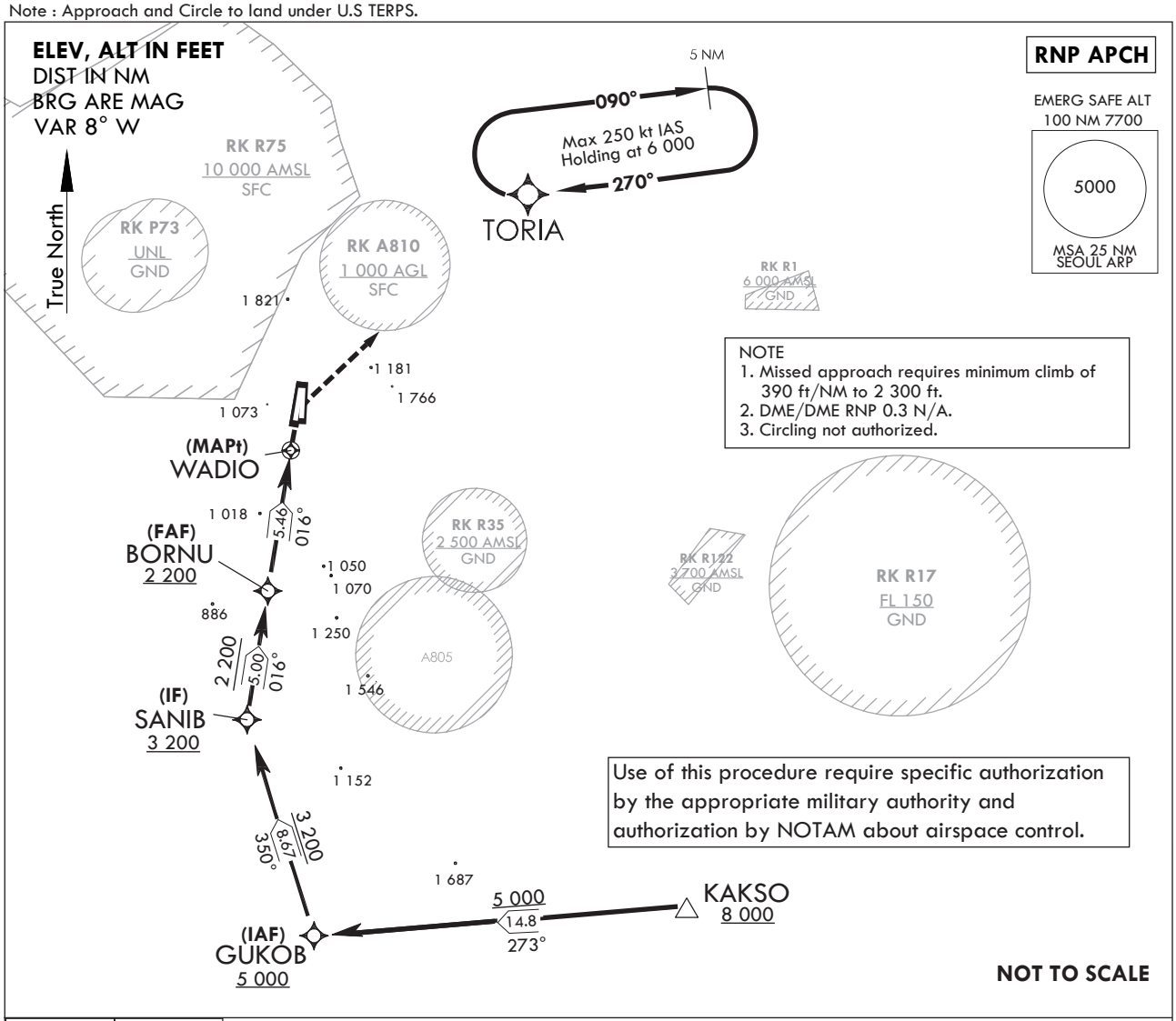
INSTRUMENT APPROACH CHART

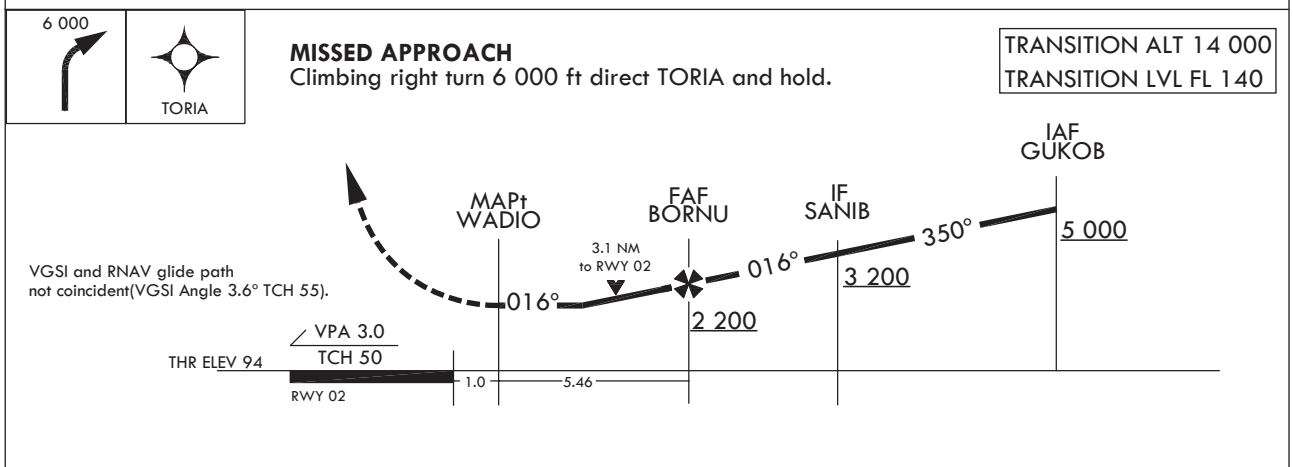
AERODROME ELEV **94** ft
HEIGHTS RELATED TO
THR RWY 02 - ELEV **94** ft

SEOUL	APP	123.8	363.8
SEOUL	TWR	126.2	
		236.6	234.5

SEOUL/Seoul(RKSM)
RNP RWY 02

Note : Approach and Circle to land under U.S TERPS.





CATEGORY	A	B	C	D	E
LNAV/ VNAV DA	N/A				N/A
LNAV	1 240-1½ 1 146(1 200-1½)	1 240-1½ 1 146(1 200-1½)	1 240-3 1 146(1 200-3)		N/A
CIRCLING	N/A				

Change : Information of fix name(KAINA → SANIB).

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 02

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	IF	GUKOB	–	–	–	–	+5 000	–	37°06'20.2845"N 127°08'01.9225"E	–	RNP APCH	IAF
002	TF	SANIB	–	349.67/ 341.67	8.67	–	+3 200	–	37°14'34.8404"N 127°04'36.9589"E	–	RNP APCH	IF
003	TF	BORNU	–	16.07/ 8.07	5	–	+2 200	–	37°19'32.2479"N 127°05'29.7485"E	–	RNP APCH	FAF
004	TF	WADIO	Y	16.10/ 8.10	5.46	–	+1 240	–	37°24'57.1290"N 127°06'27.5325"E	3.0°/50	RNP APCH	MAPt
005	DF	TORIA	–	–	–	R	@6 000	–	37°38'02.3748"N 127°21'30.6133"E	–	RNP APCH	–
006	HM	TORIA	–	270.0/262.0	5	R	@6 000	-250	37°38'02.3748"N 127°21'30.6133"E	–	RNP APCH	HOLDING 5 NM LEG

Feeder Routes

Serial Number	Path Descriptor	Waypoint Identifier	Fly -Over	Course/Track ° M(° T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	Coordinates	VPA /TCH	Navigation specification	Remarks
001	TF	KAKSO	–	–	–	–	+8 000	–	37°07'45"N 127°26'37"E	–	RNAV 1	EN ROUTE
002	TF	GUKOB	–	272.67/ 264.67	14.93	–	+5 000	–	37°06'20.2845"N 127°08'01.9225"E	–	RNP APCH	IAF

Change : Information of fix name(KAINA → SANIB).

INSTRUMENT APPROACH CHART - ICAO

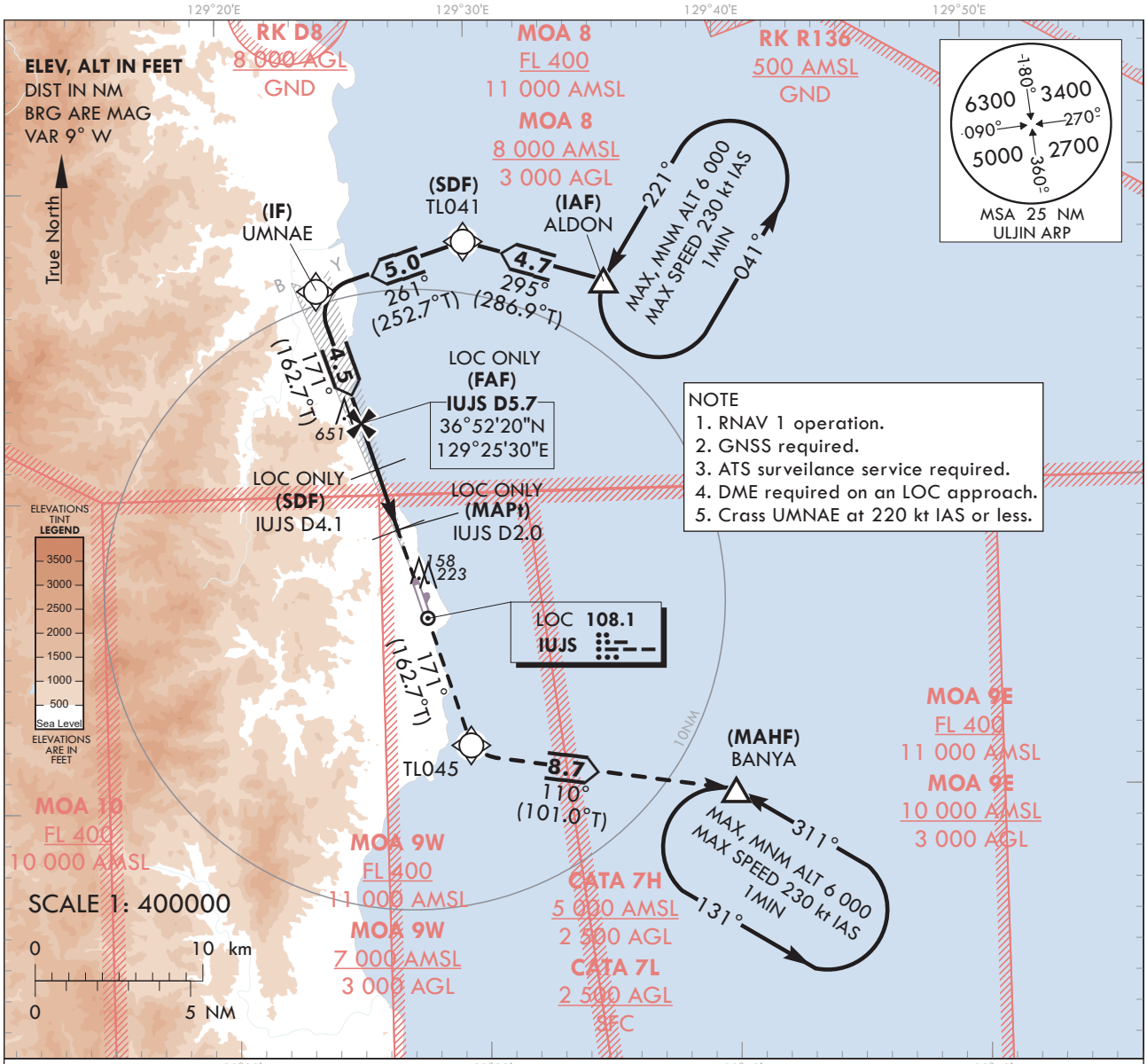
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV **175** ft

ULJIN	ARR	120.875 317.65
ULJIN	TWR	118.55 317.45

ULJIN/Uljin(RKTL)

ILS Z or LOC Z RWY 17

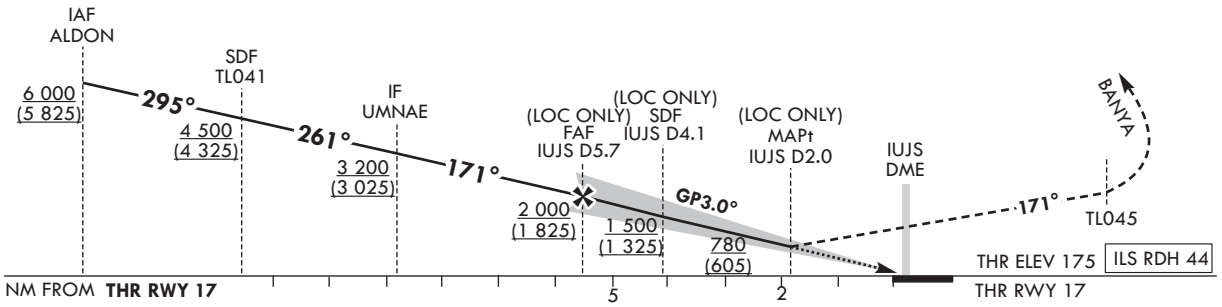


NOTE
1. RNAV 1 operation.
2. GNSS required.
3. ATS surveilance service required.
4. DME required on an LOC approach.
5. Crass UMNAE at 220 kt IAS or less.

RECOMMENDED PROFILE(LOC ONLY)	DME IUJS	5	4	3	2
Final Approach Gradient 5.32%, 323 ft/NM	ALT(HGT)	1 787 (1 612)	1 464 (1 289)	1 140 (965)	979 (804)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH
Climb straight ahead untill TL045 then turn left to BANYA and hold at 6 000 ft.



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	375 (200)			
	LOC	780 (605)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing NOT authorized for defining the MAPt.

* Circling not authorized.

Change : Information of landing minima(OCA(H)).

ULJIN/Uljin(RKTL)
ILS Z or LOC Z RWY 17

AERONAUTICAL DATA TABULATION

ILS Z / LOC Z Approach to RWY 17 from ALDON(IAF)		
Fix/Point		Coordinates
ALDON(IAF)		36°56'46.3"N 129°35'23.0"E
TL041(SDF)		36°58'07.9"N 129°29'46.5"E
UMNAE(IF)	BRG 171.28° / 10.17 NM IUJS	36°56'38.6"N 129°23'49.1"E
D5.7 IUJS(FAF LOC Only)	BRG 171.29° / 5.70 NM IUJS	36°52'20.0"N 129°25'29.6"E
D4.1 IUJS(SDF LOC Only)	BRG 171.27° / 4.10 NM IUJS	36°50'50.7"N 129°26'04.2"E
D2.0 IUJS(MAPt LOC Only)	BRG 171.28° / 2.0 NM IUJS	36°48'50.3"N 129°26'50.9"E
THR RWY 17	Final approach descent angle(LOC ONLY) 3.03° (FAF-SDF) / 3.05° (SDF-THR)	36°47'05.1"N 129°27'31.6"E
TL045		36°41'52.3"N 129°29'32.6"E
BANYA		36°40'12.4"N 129°40'05.8"E

INSTRUMENT APPROACH CHART - ICAO

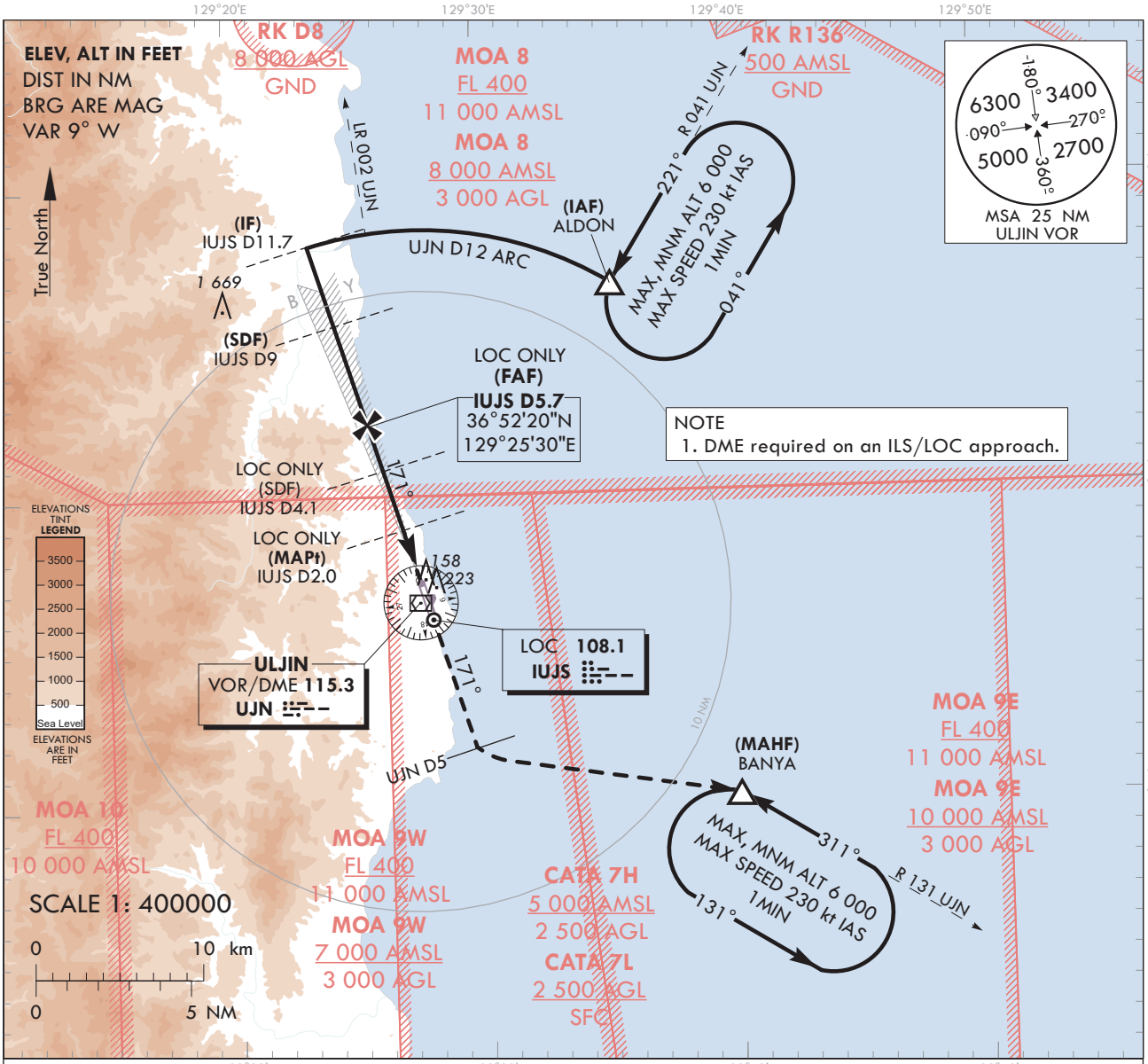
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV **175** ft

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/Uljin(RKTL)

ILS Y or LOC Y RWY 17

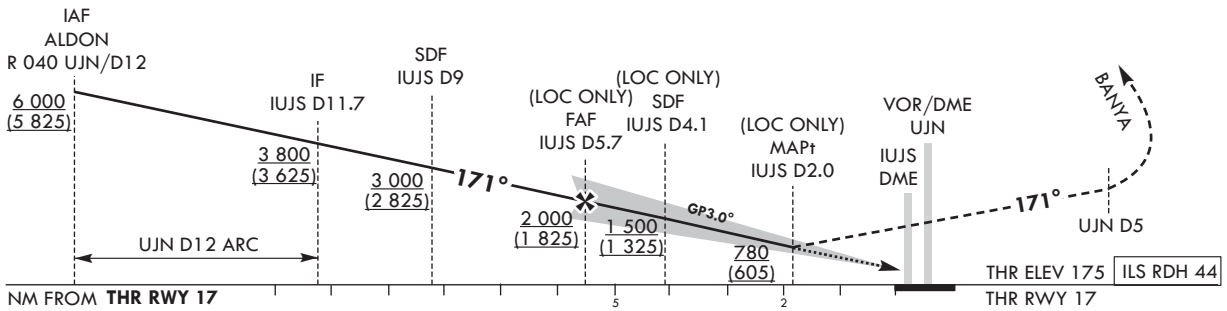


RECOMMENDED PROFILE(LOC ONLY)	DME IUJS	5	4	3	2
Final Approach Gradient 5.32%, 323 ft/NM	ALT(HGT)	1 787 (1 612)	1 464 (1 289)	1 140 (965)	979 (804)

MISSED APPROACH

Climb straight ahead untill UJN D5 then turn left to BANYA and hold at 6 000 ft

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I	375 (200)			
	LOC	780 (605)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	318	478	637	796	955

* Timing NOT authorized for defining the MAPt.

* Circling not authorized.

Change : Information of landing minima(OCA(H)).

ULJIN/Uljin(RKTL)
ILS Y or LOC Y RWY 17

AERONAUTICAL DATA TABULATION

ILS Y / LOC Y Approach to RWY 17 from ALDON(IAF)		
Fix/Point		Coordinates
ALDON(IAF)	R 041 UJN / 12.00 NM UJN	36°56'46.3"N 129°35'23.0"E
D11.7 IUJS(IF)	BRG 171.28° / 11.70 NM IUJS	36°58'06.9"N 129°23'14.8"E
D9.0 IUJS(SDF)	BRG 171.29° / 9.00 NM IUJS	36°55'31.8"N 129°24'15.1"E
D5.7 IUJS(FAF LOC Only)	BRG 171.29° / 5.70 NM IUJS	36°52'20.0"N 129°25'29.6"E
D4.1 IUJS(SDF LOC Only)	BRG 171.27° / 4.10 NM IUJS	36°50'50.7"N 129°26'04.2"E
D2.0 IUJS(MAPt LOC Only)	BRG 171.28° / 2.00 NM IUJS	36°48'50.3"N 129°26'50.9"E
THR RWY 17	Final approach descent angle(LOC ONLY) 3.03°(FAF-SDF) / 3.05°(SDF-THR)	36°47'05.1"N 129°27'31.6"E
UJN VOR/DME		36°46'35.2"N 129°27'26.9"E
D5 UJN	R 169 UJN / 5.00 NM UJN	36°41'52.3"N 129°29'32.6"E
BANYA	R 131 UJN / 12.00 NM UJN	36°40'12.4"N 129°40'05.8"E

INSTRUMENT APPROACH CHART - ICAO

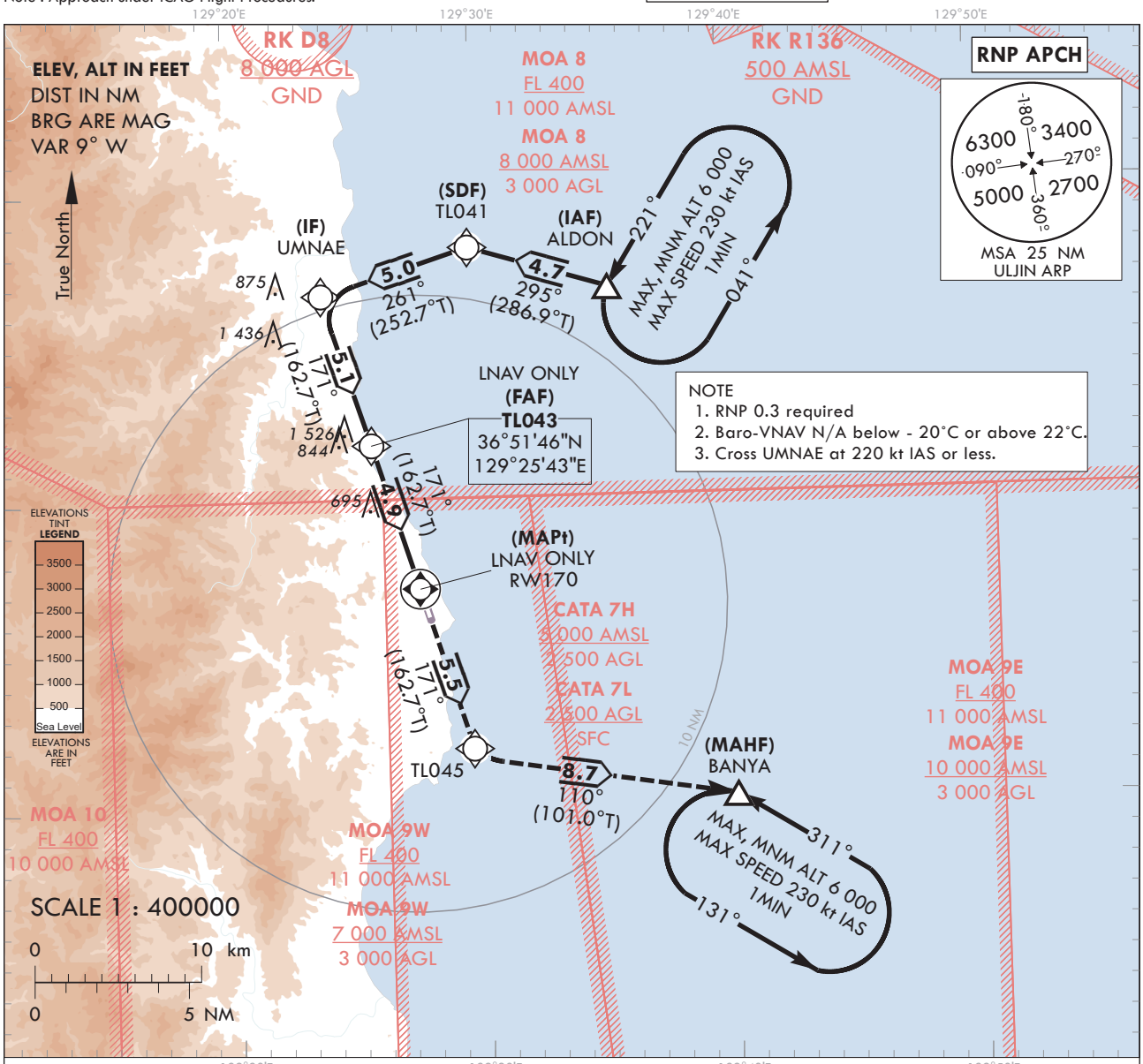
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV **175** ft

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/Uljin(RKTL)

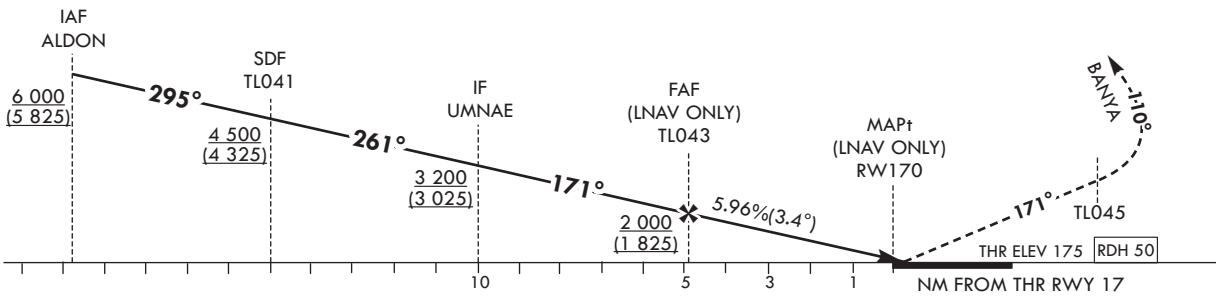
RNP RWY 17



TRANSITION ALT	14 000
TRANSITION LVL	FL 140

MISSED APPROACH

Climb to 6 000 ft on track of 171° to TL045, then turn left on track of 110° to BANYA. Hold as published.



OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	720 (545)			
	LNAV	950 (775)			

	Knots	60	90	120	150	180
Rate of descrent	V/V fpm	362	543	724	905	1 087

* Timing NOT authorized for defining the MAPt.

* Circling not authorized.

Change : Information of landing minima(OCA(H)).

Instrument approach Procedure Coding Tables

RNP RWY 17 - via ALDON(IAF) to BANYA(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	ALDON	-	-	-	-	+6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	IAF
002	TF	TL041	-	295(286.8)	4.7	-	+4 500	-	36°58'07.9"N 129°29'46.5"E	-	RNP APCH	SDF
003	TF	UMNAE	-	261(252.7)	5.0	-	+3 200	-220	36°56'38.6"N 129°23'49.1"E	-	RNP APCH	IF
004	TF	TL043	-	171(162.7)	5.1	-	+2 000	-	36°51'46.1"N 129°25'42.7"E	-	RNP APCH	FAF
005	TF	RW170	Y	171(162.7)	4.9	-	+950	-	36°47'05.1"N 129°27'31.6"E	-3.41/50	RNP APCH	MAPt
006	TF	TL045	-	171(162.7)	5.5	-	-	-	36°41'52.3"N 129°29'32.6"E	-	RNP APCH	-
007	TF	BANYA	-	110(101.0)	8.7	-	@6 000	-	36°40'12.4"N 129°40'05.8"E	-	RNP APCH	-
008	HM	BANYA	-	311(302.0)	-	L	@6 000	-230	36°40'12.4"N 129°40'05.8"E	-	RNP APCH	1 MIN (outbound timing)

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
RNP RWY 17	HM	ALDON	Y	221(182.0)	1.0	L	@6 000	-230	36°56'46.3"N 129°35'23.0"E	-	RNAV 1	-

INSTRUMENT APPROACH CHART - ICAO

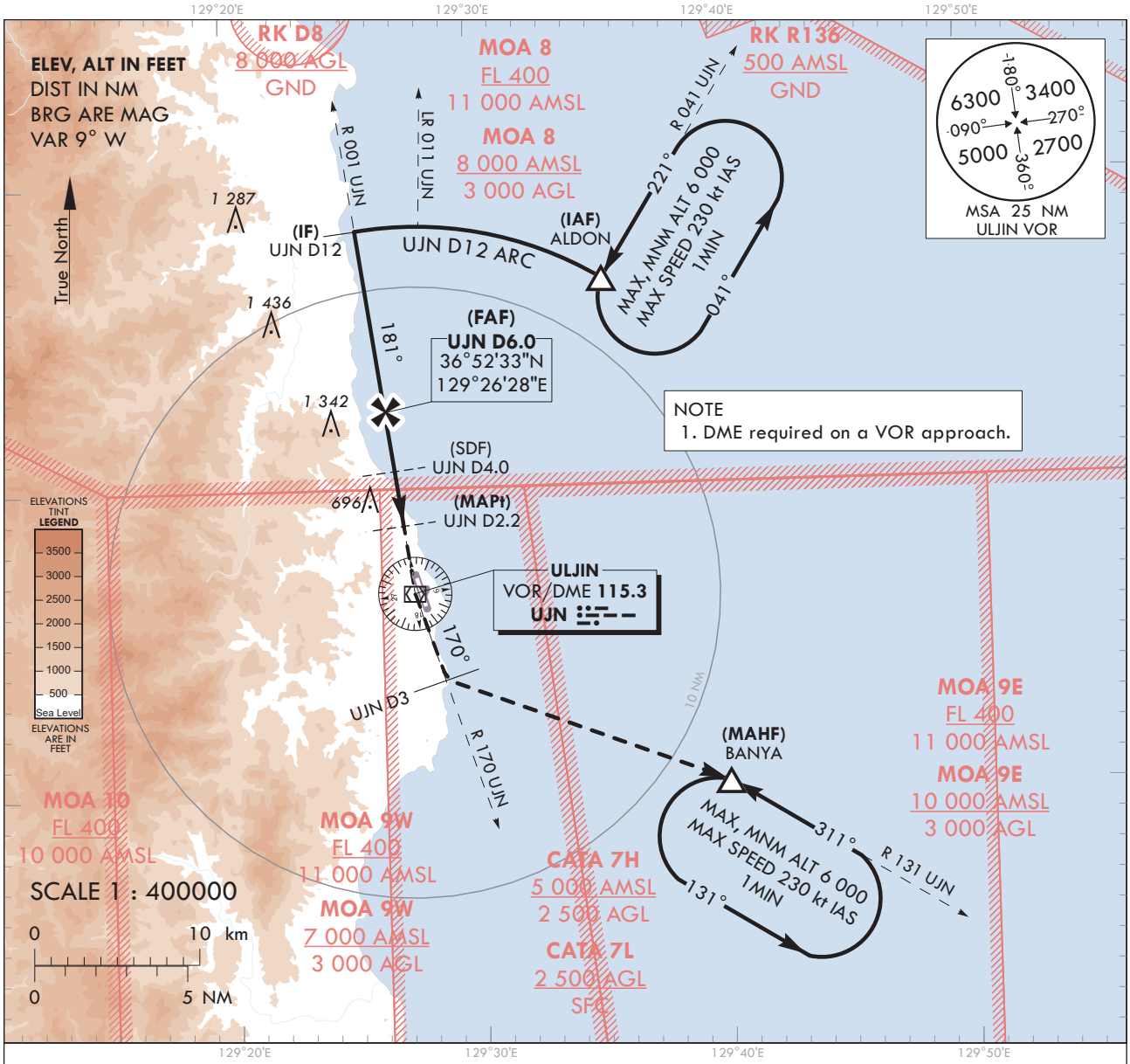
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO AD ELEV

ULJIN	ARR	120.875 317.65
ULJIN	TWR	118.55 317.45

ULJIN/Uljin(RKTL)

VOR RWY 17

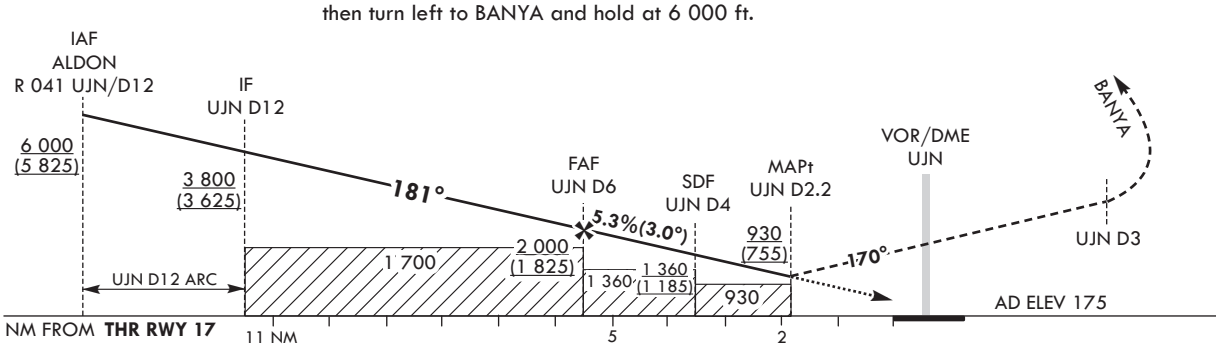


TRANSITION ALT	14 000
TRANSITION LVL	FL 140

RECOMMENDED PROFILE(LOC ONLY)	DME UJN	5	4	3	2.5
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 677 (1 502)	1 354 (1 179)	1 032 (856)	870 (695)

MISSED APPROACH

Climb on R 001 UJN to UJN and R 170 UJN to 3 DME, then turn left to BANYA and hold at 6 000 ft.



Knots	60	90	120	150	180
Rate of descent V/V fpm	323	484	646	807	968

OCA (H)	A	B	C	D
Straight-in Approach	930 (755)			

* Timing NOT authorized for defining the MAPt.

* Circling not authorized.

Change : Information of landing minima(OCA(H)).

ULJIN/Uljin(RKTL)
VOR RWY 17

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 17 from ALDON(IAF)		
Fix/Point		Coordinates
ALDON(IAF)	R 041 UJN / 12.00 NM UJN	36°56'46.3"N 129°35'23.0"E
D12.0 UJN(IF)	BRG 181.00° / 12.00 NM UJN	36°58'29.8"N 129°25'28.5"E
D6.0 UJN(FAF)	BRG 181.00° / 6.00 NM UJN	36°52'32.5"N 129°26'27.8"E
D4.0 UJN(SDF)	BRG 181.00° / 4.00 NM UJN	36°50'33.4"N 129°26'47.5"E
D2.2 UJN(MAPt)	BRG 181.00° / 2.20 NM UJN	36°48'46.2"N 129°27'05.3"E
THR RWY 17	Final approach descent angle (LOC ONLY) 3.01°(FAF-SDF) / 3.06°(SDF-THR)	36°47'05.1"N 129°27'31.6"E
UJN VOR/DME		36°46'35.2"N 129°27'26.9"E
D3 UJN	R 170 UJN/ 3.00 NM UJN	36°43'44.3"N 129°28'38.3"E
BANYA	R 131 UJN/ 12.00 NM UJN	36°40'12.4"N 129°40'05.8"E

INSTRUMENT APPROACH CHART - ICAO

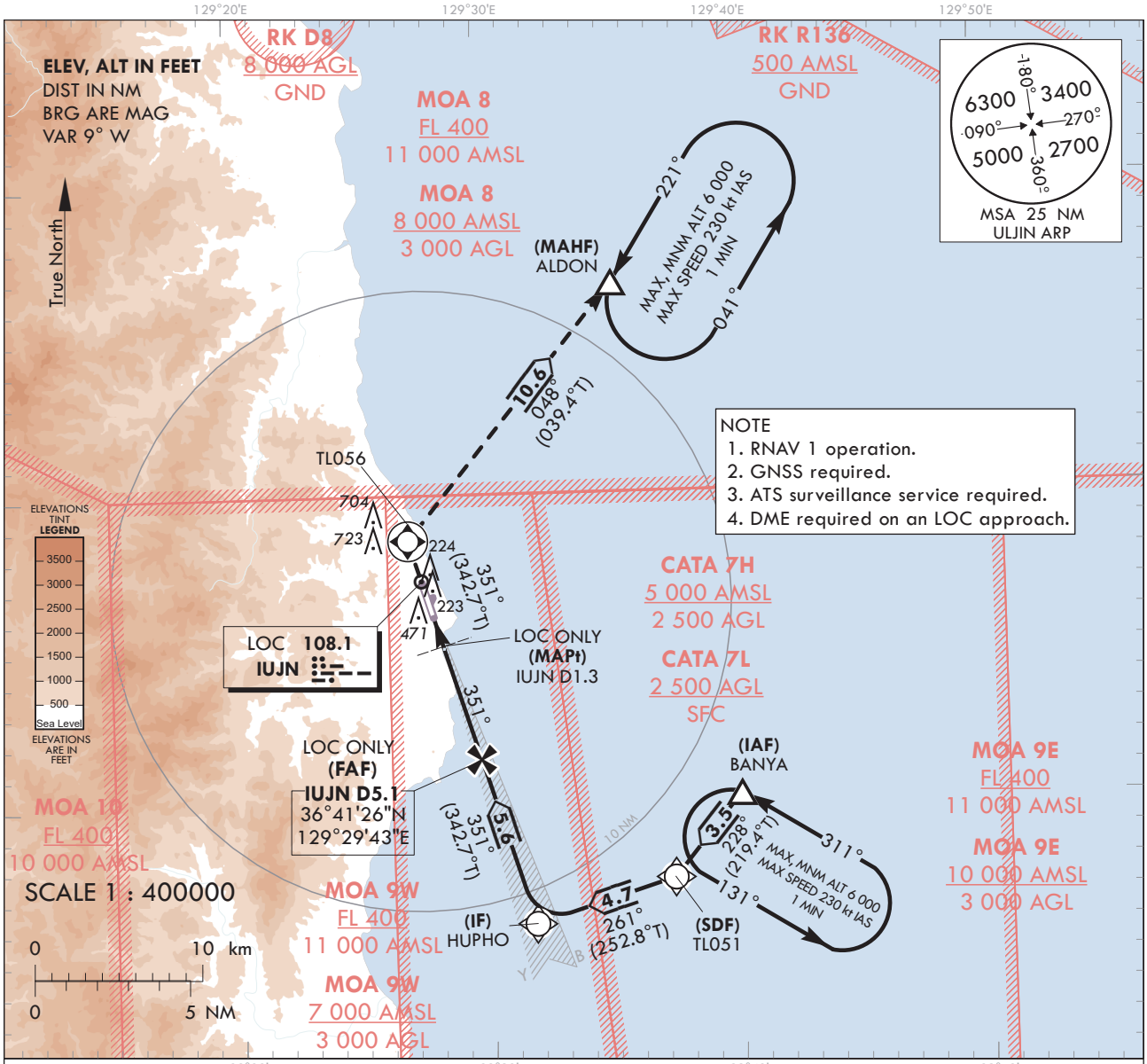
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV **158** ft

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/Uljin(RKTL)

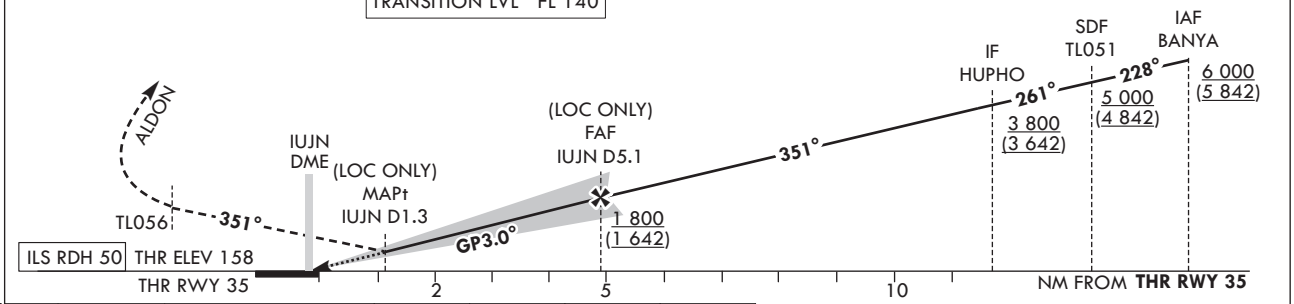
ILS Z or LOC Z RWY 35



RECOMMENDED PROFILE(LOC ONLY)	DME IUJN	5	4	3	2	1.3
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 778 (1 620)	1 455 (1 297)	1 133 (975)	810 (652)	584 (426)

MISSED APPROACH
Climb straight ahead until TL056, then turn right on track of 048° to ALDON and hold at 6 000 ft.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	580 (422)			
	CAT-I (CG 4.0%)	370 (212)			
	LOC	590 (432)			

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	318	478	637	796	955

* Timing NOT authorized for defining the MAPt.
* Circling not authorized.

Change : Information of landing minima(OCA(H)).

ULJIN/Uljin(RKTL)
ILS Z or LOC Z RWY 35

AERONAUTICAL DATA TABULATION

ILS Z / LOC Z Approach to RWY 35 from BANYA(IAF)		
Fix/Point		Coordinates
BANYA(IAF)	R 131 UJN/12.00 NM UJN	36°40'12.4"N 129°40'05.8"E
TL051(SDF)	BRG 351.29°	36°37'30.8"N 129°37'21.1"E
HUPHO(IF)	BRG 351.28°/10.65 NM UJN	36°36'07.0"N 129°31'45.8"E
D5.1 IUJN (FAF LOC Only)	BRG 351.28°/5.08 NM IUJN	36°41'26.4"N 129°29'42.5"E
D1.3 IUJN (MAPt LOC Only)	BRG 351.29°/1.30 NM IUJN	36°45'03.3"N 129°28'18.7"E
THR RWY 35	Final approach descent angle 3.04°(LOC ONLY)	36°46'09.3"N 129°27'53.2"E
TL056		36°48'33.0"N 129°26'57.6"E
ALDON	R 041 UJN/12.00 NM UJN	36°56'46.3"N 129°35'23.0"E

INSTRUMENT APPROACH CHART - ICAO

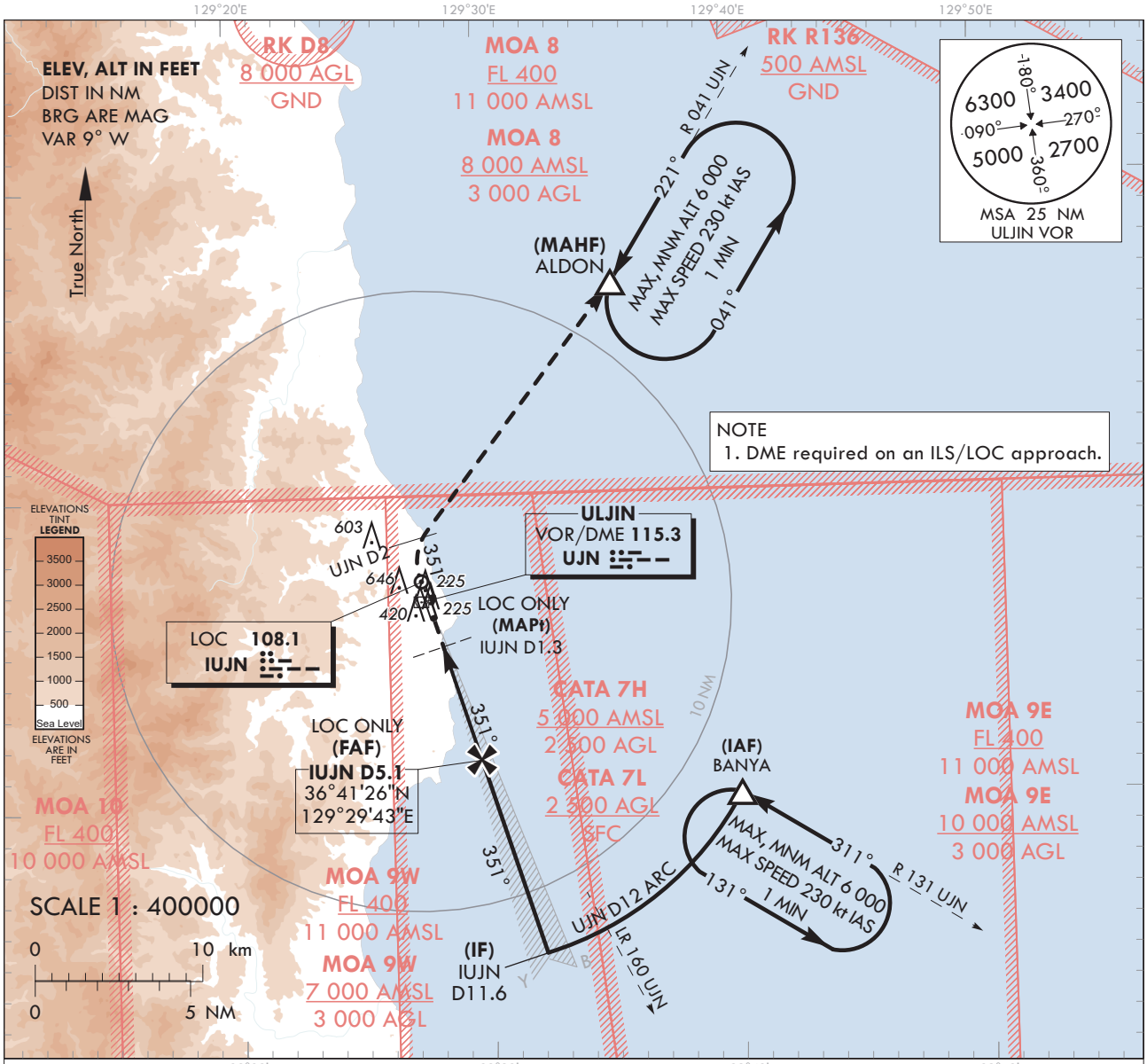
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV **158 ft**

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/Uljin(RKTL)

ILS Y or LOC Y RWY 35

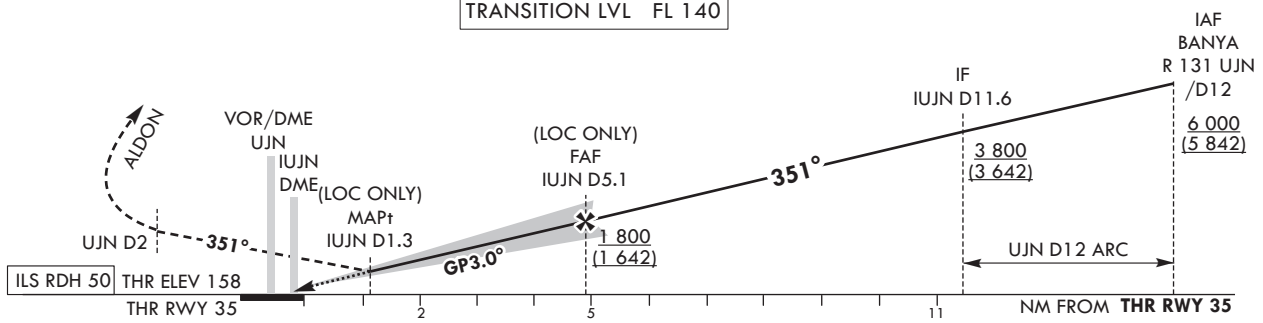


RECOMMENDED PROFILE(LOC ONLY)	DME IUJN	5	4	3	2	1.3
Final Approach Gradient 5.32%, 323 ft/NM	ALT(HGT)	1 781 (1 623)	1 458 (1 300)	1 135 (977)	973 (815)	586 (428)

MISSED APPROACH

Climb straight ahead until UJN D2, then turn right to ALDON and hold at 6 000 ft.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



OCA (H)		A	B	C	D
Straight-in Approach	CAT-I (CG 2.5%)	545 (387)			
	CAT-I (CG 4.0%)	358 (200)			
	LOC	590 (432)			

Rate of descent	Knots	60	90	120	150	180
	V/V fpm	318	478	637	795	955

* Timing NOT authorized for defining the MAPt.
* Circling not authorized.

Change : Information of landing minima(OCA(H)).

ULJIN/Uljin(RKTL)
ILS Y or LOC Y RWY 35

AERONAUTICAL DATA TABULATION

ILS Y / LOC Y Approach to RWY 35 from BANYA(IAF)		
Fix/Point		Coordinates
BANYA(IAF)	R 131 UJN/12.00 NM UJN	36°40'12.4"N 129°40'05.8"E
D11.6 IUJN(IF)	BRG 350.99°/11.63 NM IUJN	36°35'10.6"N 129°32'07.5"E
D5.1 IUJN(FAF LOC Only)	BRG 351.28°/5.08 NM IUJN	36°41'26.4"N 129°29'42.5"E
D1.3 IUJN(MAPt LOC Only)	BRG 351.29°/1.30 NM IUJN	36°45'03.3"N 129°28'18.7"E
THR RWY 35	Final approach descent angle 3.05°(LOC ONLY)	36°46'09.3"N 129°27'53.2"E
UJN VOR/DME		36°46'35.2"N 129°27'26.9"E
D2 UJN	R 357 UJN/2.00 NM UJN	36°48'33.0"N 129°26'57.6"E
ALDON	R 041 UJN/12.00 NM UJN	36°56'46.3"N 129°35'23.0"E

INSTRUMENT APPROACH CHART - ICAO

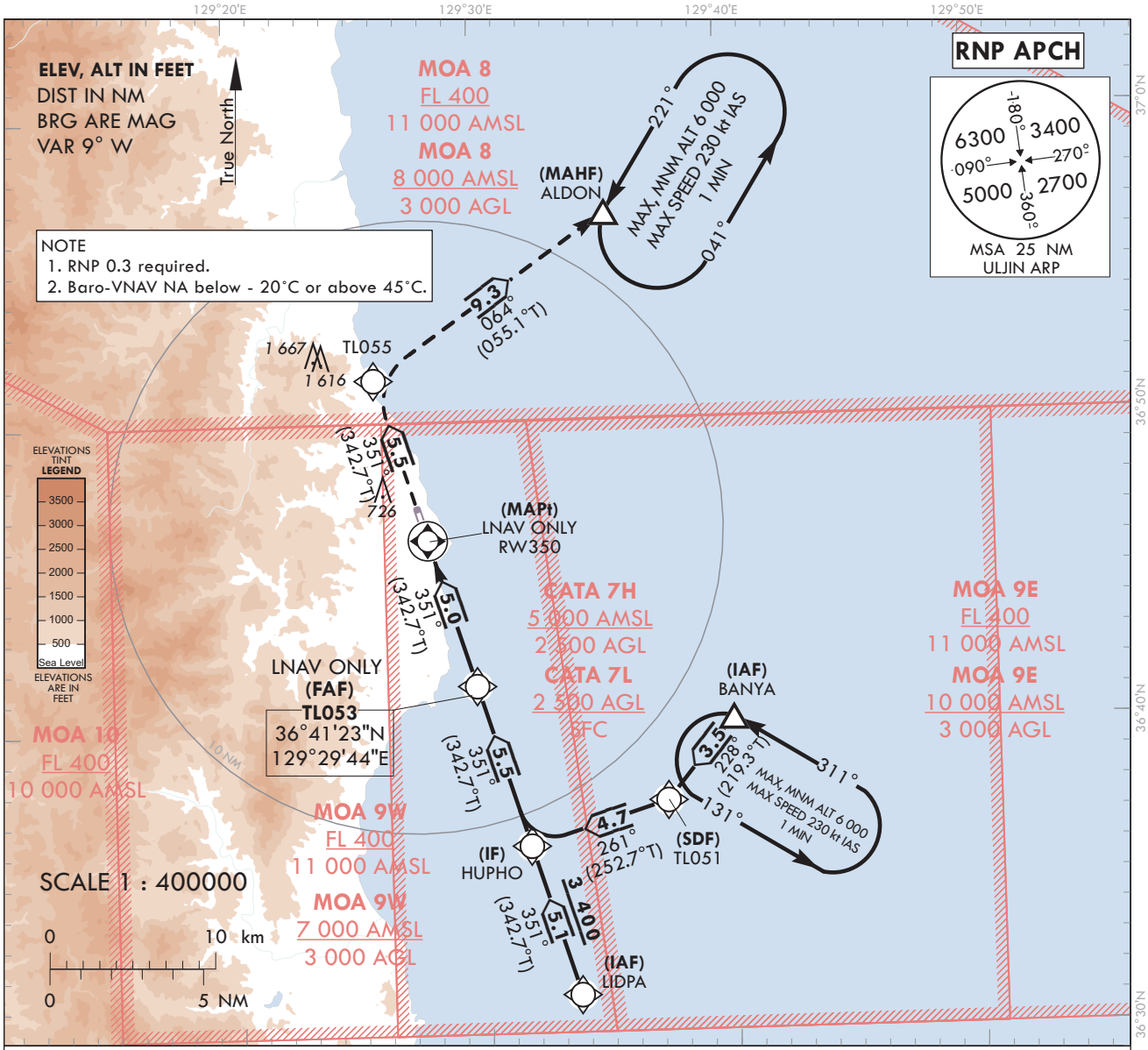
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV **158 ft**

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

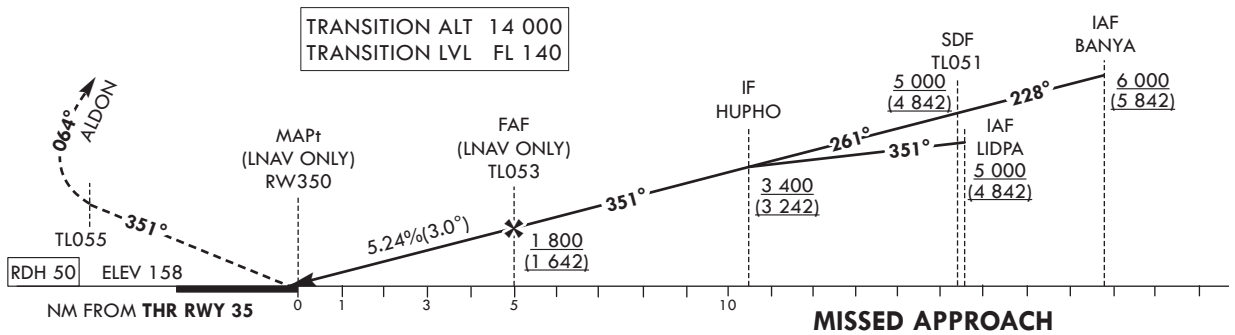
ULJIN/Uljin(RKTL)

RNP RWY 35



NOTE
1. Missed approach 6.4% CG required to 6 000 ft for ATC purpose.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



MISSED APPROACH

Climb to 6 000 ft on track of 351° to TL055, then turn right on track of 064° to ALDON. Hold as published.

Knots	60	90	120	150	180
Rate of descrent V/V fpm	318	478	637	796	955

* Timing NOT authorized for defining the MAPt.

* Circling not authorized.

OCA (H)		A	B	C	D
Straight-in Approach	LNAV/VNAV	700 (542)			
	LNAV(CG 2.5%)	950 (792)			
	LNAV(CG 4.0%)	770 (612)			

Change : Information of landing minima(OCA(H)).

Instrument approach Procedure Coding Tables

RNP RWY 35 - via BANYA(IAF) to ALDON(IAF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	BANYA	-	-	-	-	+6 000	-	36°40'12.4"N 129°40'05.8"E	-	RNP APCH	IAF
002	TF	TL051	-	228(219.3)	3.5	-	+5 000	-	36°37'30.8"N 129°37'21.1"E	-	RNP APCH	SDF
003	TF	HUPHO	-	261(252.7)	4.7	-	+3 400	-	36°36'07.0"N 129°31'45.8"E	-	RNP APCH	IF
004	TF	TL053	-	351(342.7)	5.5	-	+1 800	-	36°41'22.5"N 129°29'44.1"E	-	RNP APCH	FAF
005	TF	RW350	Y	351(342.7)	5.0	-	+950	-	36°46'09.3"N 129°27'53.2"E	-3.00/50	RNP APCH	MAPt
006	TF	TL055	-	351(342.7)	5.5	-	-	-	36°51'25.4"N 129°25'50.7"E	-	RNP APCH	-
007	HM	ALDON	-	064(055.1)	9.3	-	@6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	-
008	HM	ALDON	Y	221(182.0)	-	L	@6 000	-230	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	1 min (outbound timing)
009	HM	BANYA	Y	311(302.0)	-	L	@6 000	-230	36°40'12.4"N 129°40'05.8"E	-	RNP APCH	1 min (outbound timing)

RNP RWY 35 - via LIDPA(IAF) to ALDON(IAF)

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	LIDPA	-	-	-	-	+5 000	-	36°31'13.6"N 129°33'38.6"E	-	RNP APCH	IAF
002	TF	HUPHO	-	351(342.7)	5.1	-	+3 400	-	36°36'07.0"N 129°31'45.8"E	-	RNP APCH	IF
003	TF	TL053	-	351(342.7)	5.5	-	+1 800	-	36°41'22.5"N 129°29'44.1"E	-	RNP APCH	FAF
004	TF	RW350	Y	351(342.7)	5.0	-	+950	-	36°46'09.33"N 129°27'53.20"E	-3.00/50	RNP APCH	MAPt
005	TF	TL055	-	351(342.7)	5.5	-	-	-	36°51'25.4"N 129°25'50.7"E	-	RNP APCH	-
006	TF	ALDON	Y	064(055.1)	9.3	-	@6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	1 min (outbound timing)
007	HM	ALDON	Y	221(182.0)	-	L	@6 000	-230	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	1 min (outbound timing)

INSTRUMENT APPROACH CHART - ICAO

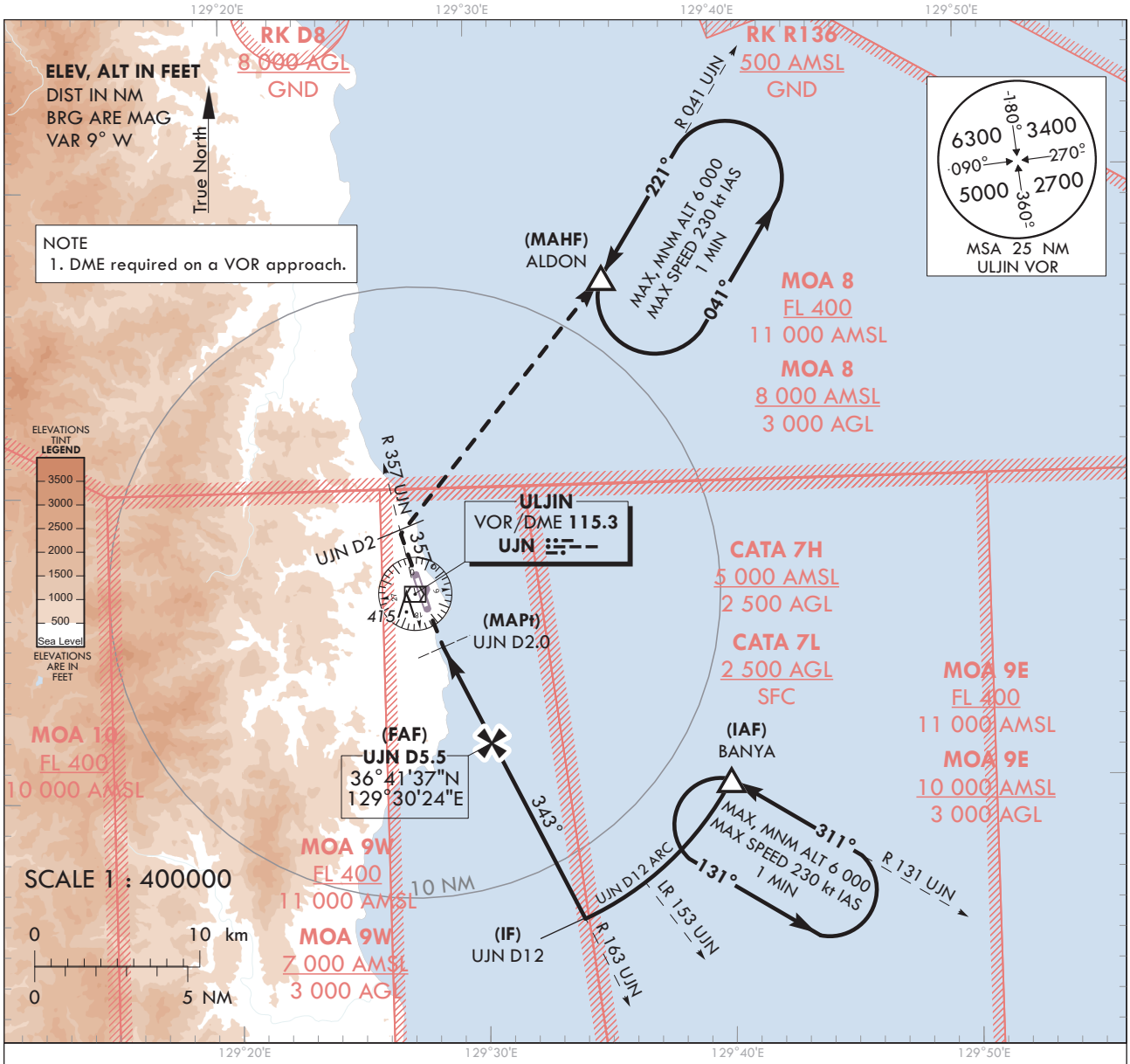
Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO AD ELEV

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/Uljin(RKTL)

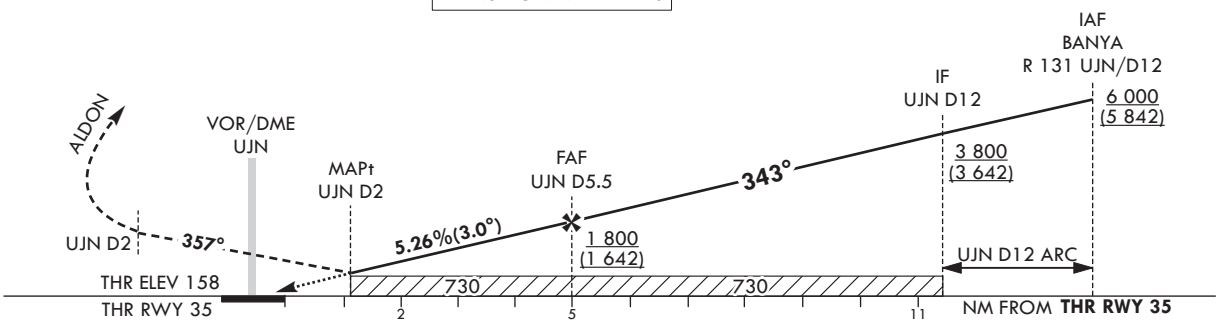
VOR RWY 35



RECOMMENDED PROFILE	DME UJN	5	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 639 (1 481)	1 317 (1 159)	995 (873)	673 (515)

MISSED APPROACH
Climb on R 163 UJN to UJN and R 357 UJN to 2 DME, then turn right to ALDON and hold at 6 000 ft.

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



OCA (H)	A	B	C	D
Straight-in Approach	730 (572)			

	Knots	60	90	120	150	180
Rate of descent	V/V fpm	322	483	644	805	966

* Timing NOT authorized for defining the MAPt.
* Circling not authorized.

Change : Information of landing minima(OCA(H)).

ULJIN/Uljin(RKTL)
VOR RWY 35

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 35 from BANYA(IAF)		
Fix/Point		Coordinates
BANYA(IAF)	R 131 UJN / 12.00 NM UJN	36°40'12.4"N 129°40'05.8"E
D12.0 UJN(IF)	BRG 343.00°/ 12.00 NM UJN	36°35'44.7"N 129°33'52.9"E
D5.5 UJN(FAF)	BRG 343.00°/5.50 NM UJN	36°41'37.1"N 129°30'24.1"E
D2.0 UJN(MAPt)	BRG 343.00°/2.00 NM UJN	36°44'46.8"N 129°28'31.4"E
THR RWY 35	Final approach descent angle 3.04°	36°46'09.3"N 129°27'53.2"E
UJN VOR/DME		36°46'35.2"N 129°27'26.9"E
D2 UJN	R 357 UJN/2.00 NM UJN	36°48'32.9"N 129°26'56.9"E
ALDON	R 041 UJN/12.00 NM UJN	36°56'46.3"N 129°35'23.0"E