

INSTRUMENT  
APPROACH  
CHART - ICAO

Note : Approach ICAO Flight Procedures.

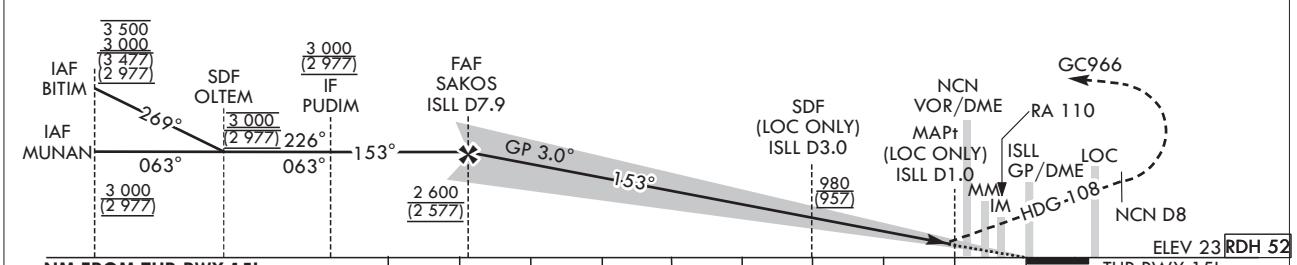
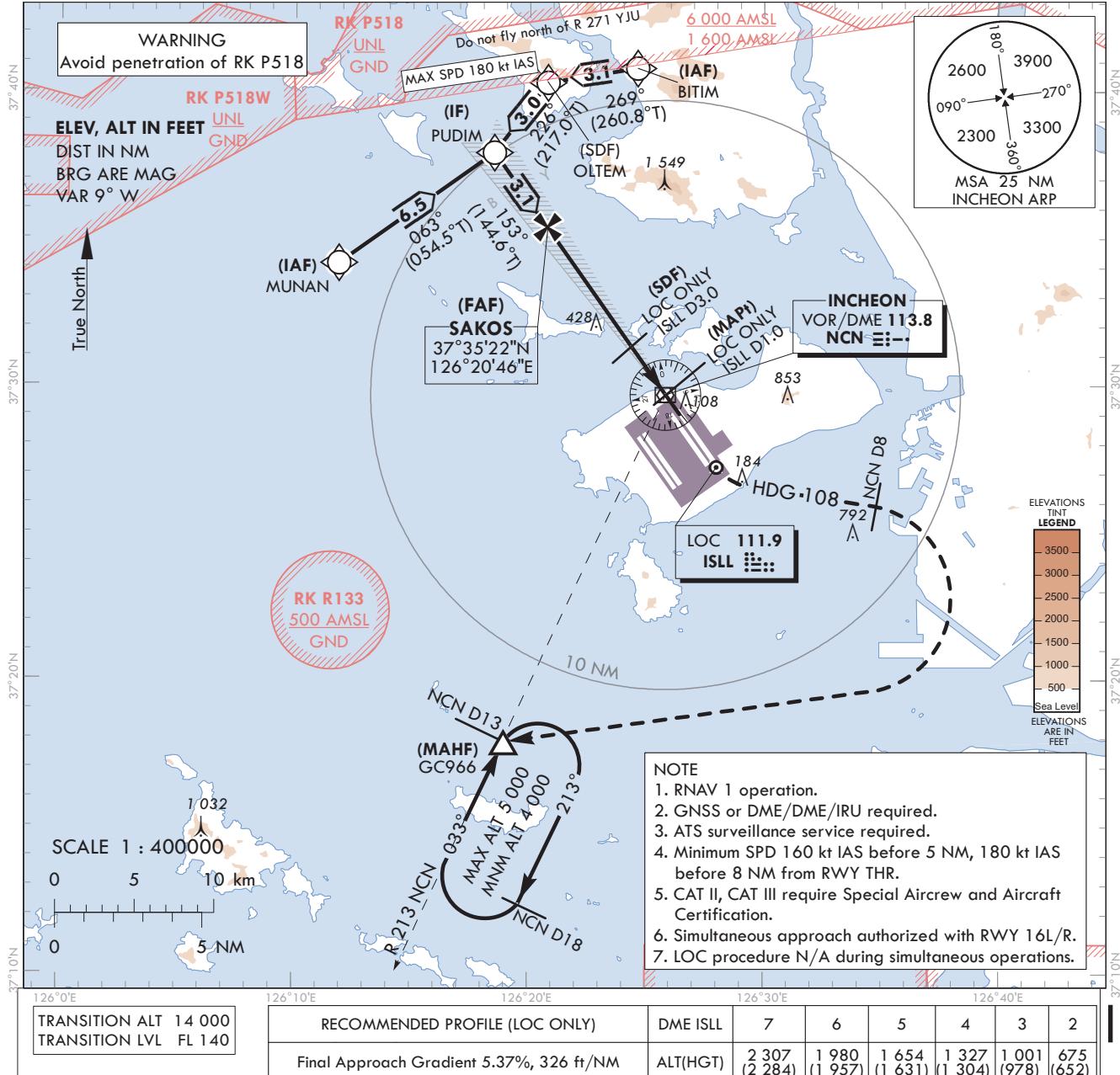
AERODROME ELEV 23 ft  
HEIGHTS RELATED TO  
THR RWY 15L - ELEV 23 ft

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



CATEGORY		DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I	FULL ALS INOP	223 (200)	RVR 550 m, VIS 800 m		
	LOC	FULL ALS INOP	380 (357)		900 m	
	CAT II	123(100)		300 m	300 m <sup>1)</sup> / 350 m	
	CAT III	-		75 m <sup>2)</sup> / 125 m		

MISSSED 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.

- For CAT D aeroplane conducting an autoland.
- Aeroplane use Fail-operational system.
- \* Timing Not authorized for defining MAPt.
- \* Circling Not authorized.

Change : Amended phrase(LOC ONLY).

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

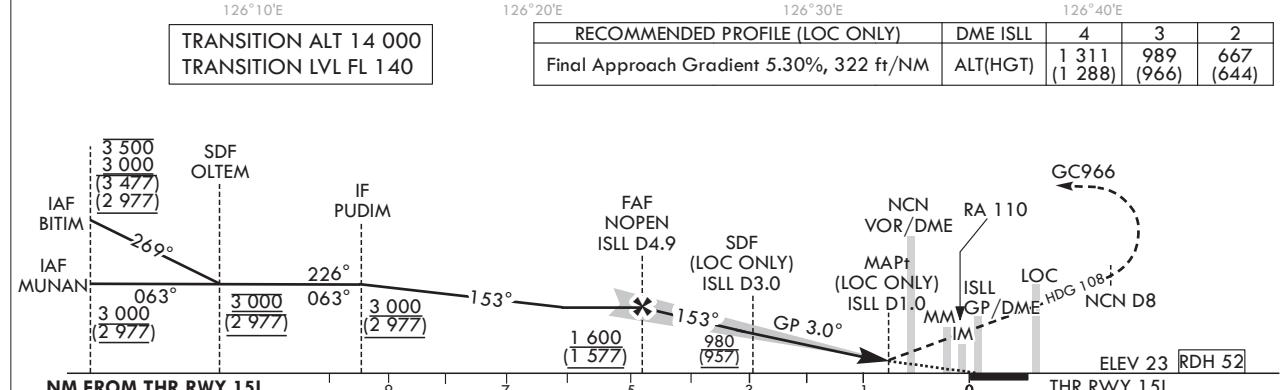
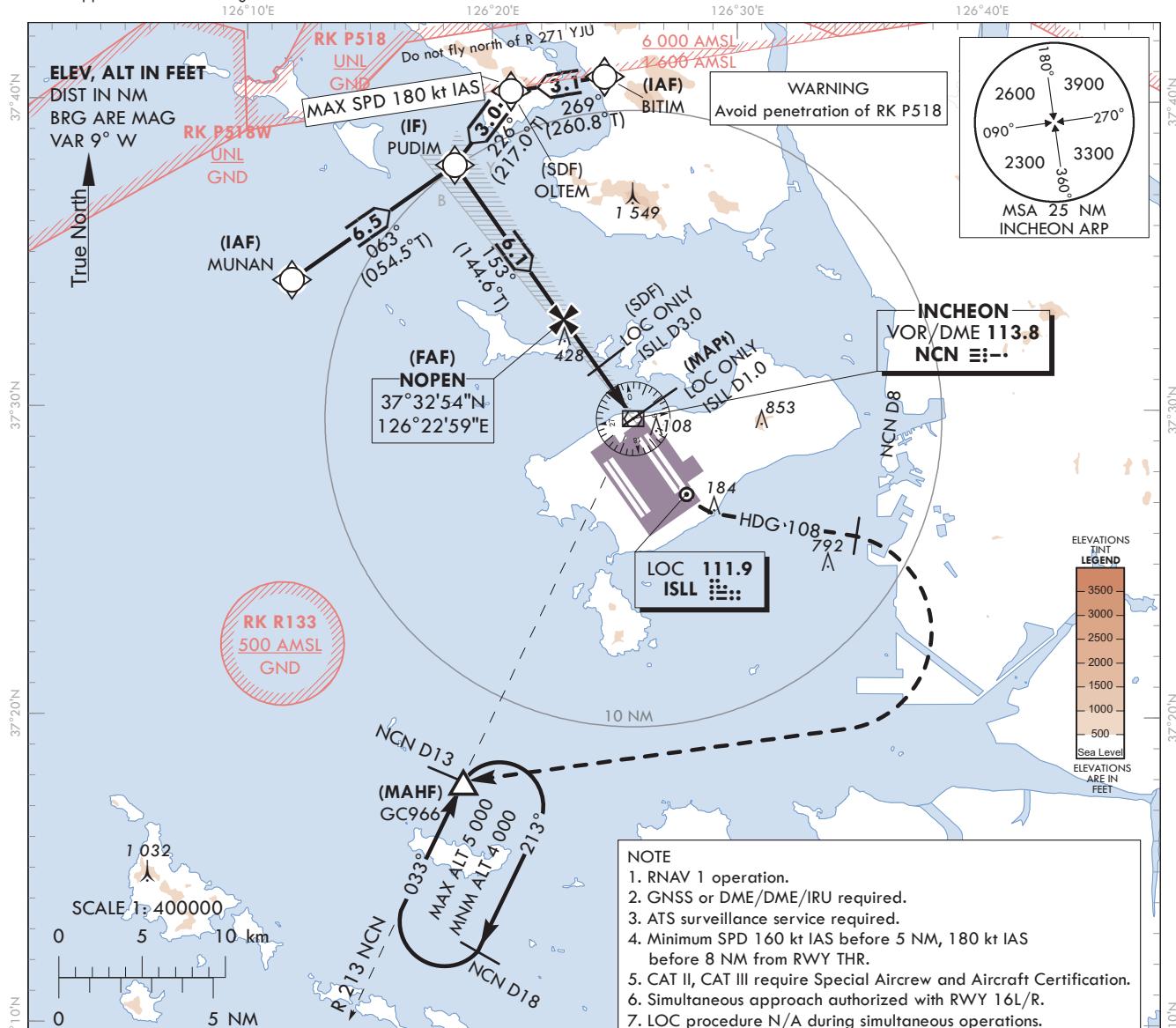
Note : Approach under ICAO Flight Procedures.

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



CATEGORY		DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I	FULL	223		RVR 550 m, VIS 800 m	
		ALS INOP	(200)		1 200 m	
	LOC	FULL	380		900 m	
		ALS INOP	(357)		1 600 m	
	CAT II	123(100)		300 m	300 m <sup>1)</sup> / 350 m	
	CAT III	-		75 m <sup>2)</sup> / 125 m		

**MISSSED 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.

- 1) For CAT D aeroplane conducting an autoland.
- 2) Aeroplane use Fail-operational system.

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

Change : Amended phrase(LOC ONLY).

**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

37°40'N

ELEV, ALT IN FEET

DIST IN NM

BRG ARE MAG

VAR 9° W

True North

37°30'N

37°20'N

126°0'E

126°10'E

126°20'E

126°30'E

126°40'E

37°40'N

37°30'N

37°20'N

126°0'E

126°10'E

126°20'E

126°30'E

SEOUL/Incheon Intl(RKSI)  
RNP RWY 15L

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

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

Serial Number	Path Descriptor	Waypoint Identifier	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°30'15.7"N 126°25'19.1"E	-3.05/50	RNP APCH	MAP†
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(IF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-3 500	-	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°30'15.7"N 126°25'19.1"E	-3.05/50	RNP APCH	MAP†
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)

Change : Amended phrase(009 → 010).

INSTRUMENT  
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CHART - ICAO

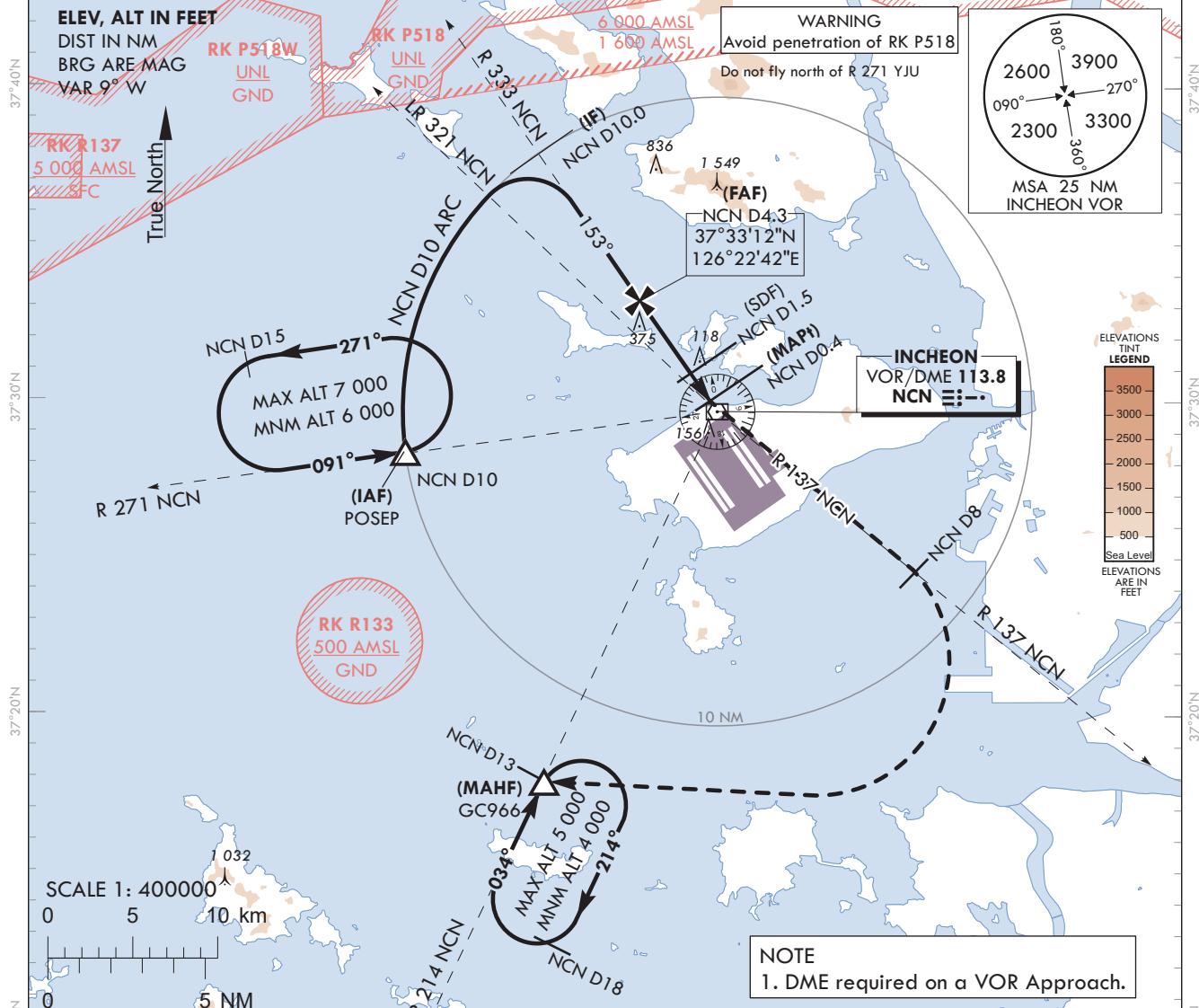
Note : Approach under ICAO Flight Procedures.

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

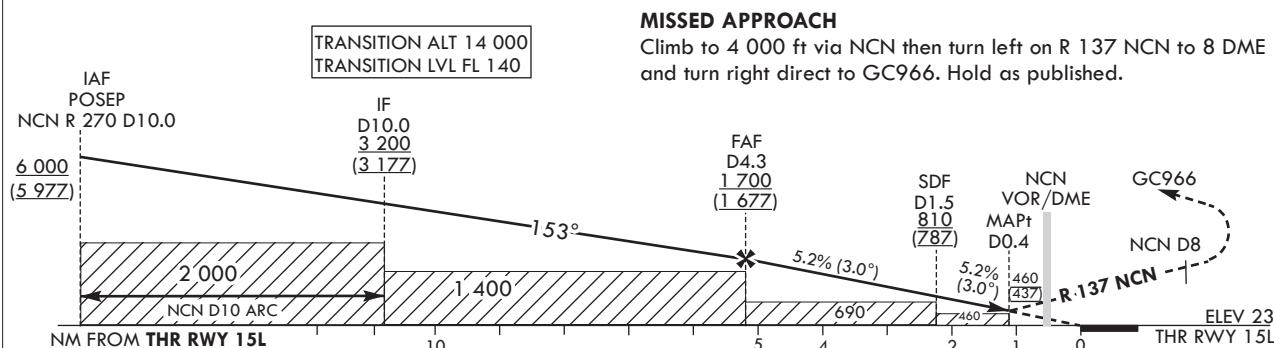
SEOUL APP	119.75
	121.35
INCHEON TWR	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

VOR RWY 15L



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)



CATEGORY	MDA(MDH)	A	B	C	D	Knots	60	90	120	150	180	
Straight-in	FULL	460 (437)	1 300m			Rate of descent	V/V fpm	318	477	636	795	954
	ALS INOP		2 000m			* Timing Not authorized for defining MAPt. * Circling Not authorized.						

Change : Information of fix name(GC963 → GC966) and Amended chart, profile view.

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

Change : Information of fix name(GC963 → GC966).

INSTRUMENT  
APPROACH  
CHART - ICAO

Note : Approach under ICAO Flight Procedures.

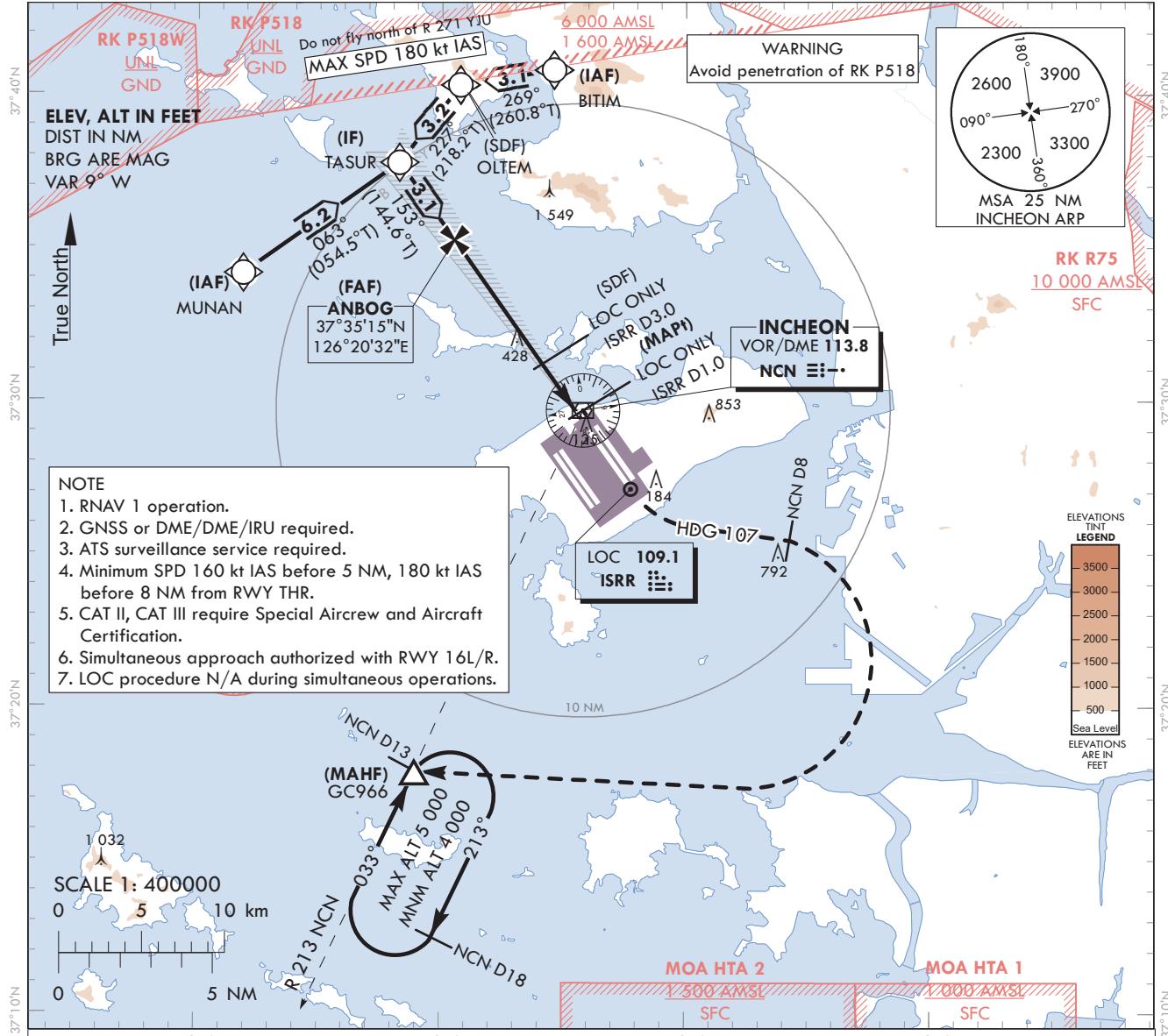
AERODROME ELEV 23 ft  
HEIGHTS RELATED TO  
THR RWY 15R - ELEV 23 ft

SEOUL APP	119.75
INCHEON TWR	121.35
	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

ILS Z or LOC Z RWY 15R

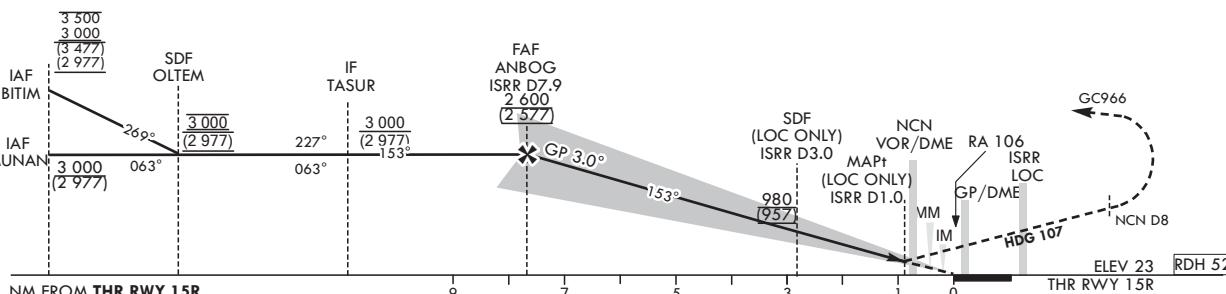
CAT II & III



TRANSITION ALT 14 000  
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)  
Final Approach Gradient 5.37%, 326 ft/NM

DME ISRR	7	6	5	4	3	2
ALT(HGT)	2 307	1 980	1 654	1 327	1 001	675
(2 284)	(1 957)	(1 631)	(1 304)	(978)	(652)	



CATEGORY		DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I	FULL ALS INOP	223 (200)	RVR 550 m, VIS 800 m		
	LOC	FULL ALS INOP	380 (357)	1 200 m	900 m	1 600 m
	CAT II	123(100)	300 m	300 m <sup>1)</sup> / 350 m		
	CAT III	-	75 m <sup>2)</sup> / 125 m			

1) For CAT D aeroplane conducting an autoland.  
2) Aeroplane use Fail-operational system.

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 published. Do not turn before passing MAPt.

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

Change : Amended phrase(LOC ONLY).

**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
D3.0 ISRR (SDF LOC ONLY)	BRG 153.15°/3.00 NM ISRR
D1.0 ISRR (MAPt LOC ONLY)	BRG 153.15°/1.00 NM ISRR
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

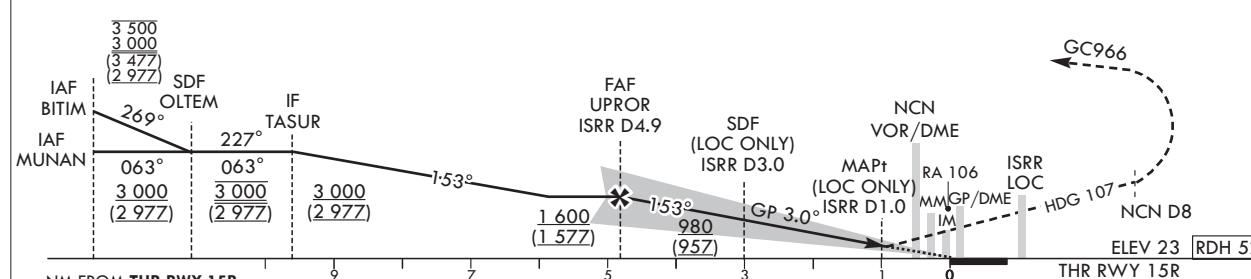
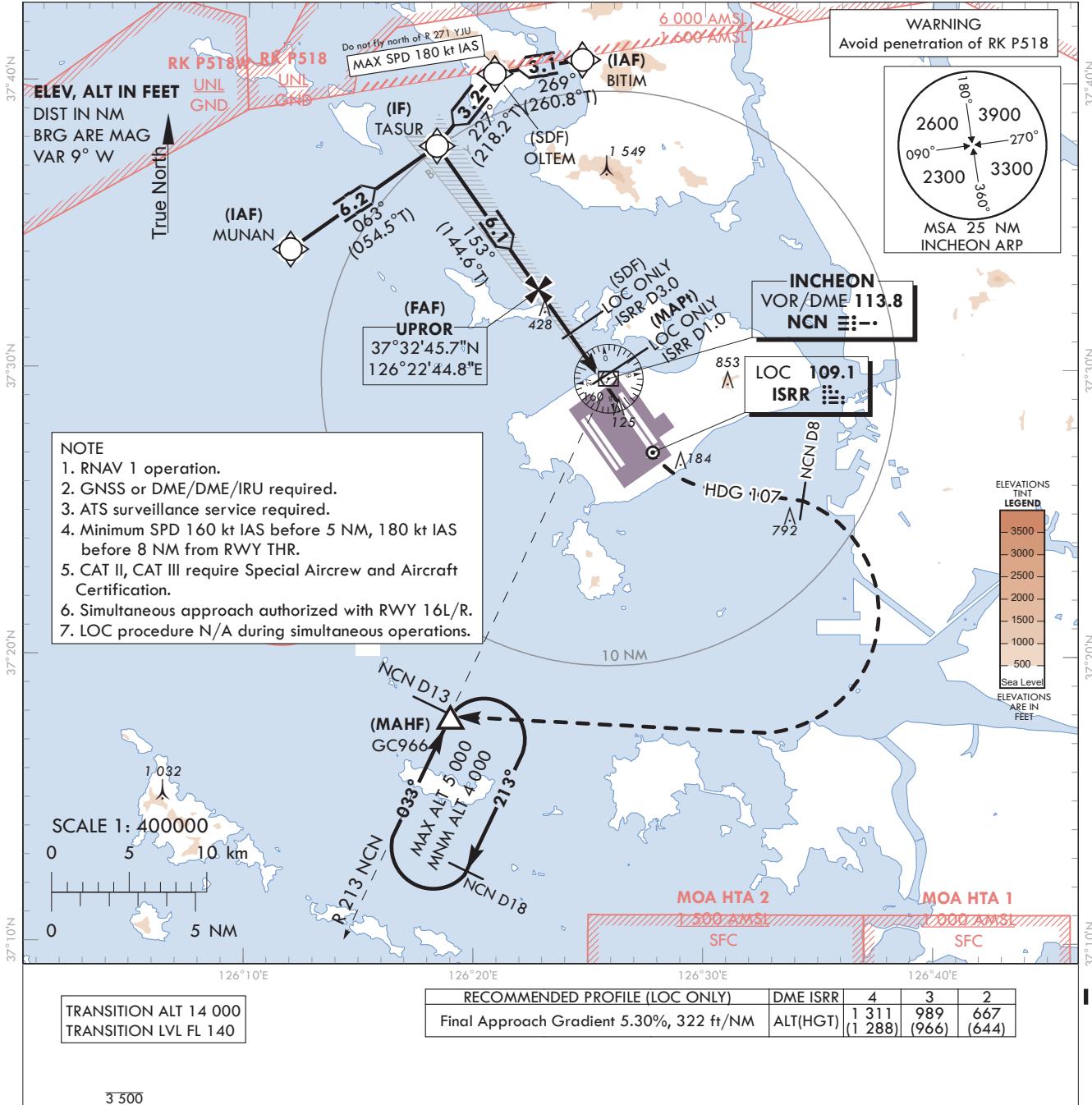
INSTRUMENT  
APPROACH  
CHART - ICAO

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



CATEGORY		DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I	FULL ALS INOP	223 (200)	RVR 550 m, VIS 800 m		
	LOC	FULL ALS INOP	380 (357)	1 200 m	900 m	
	CAT II	123(100)		300 m	300 m / 350 m	
	CAT III	-		75 m <sup>2</sup> / 125 m		
1) For CAT D aeroplane conducting an autoland. 2) Aeroplane use Fail-operational system.						* Timing Not authorized for defining MAPt. * Circling Not authorized.

Change : Amended phrase(LOC ONLY).

**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
D3.0 ISRR (SDF LOC ONLY)	BRG 153.15°/3.00 NM ISRR
D1.0 ISRR (MAPt LOC ONLY)	BRG 153.15°/1.00 NM ISRR
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

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APPROACH  
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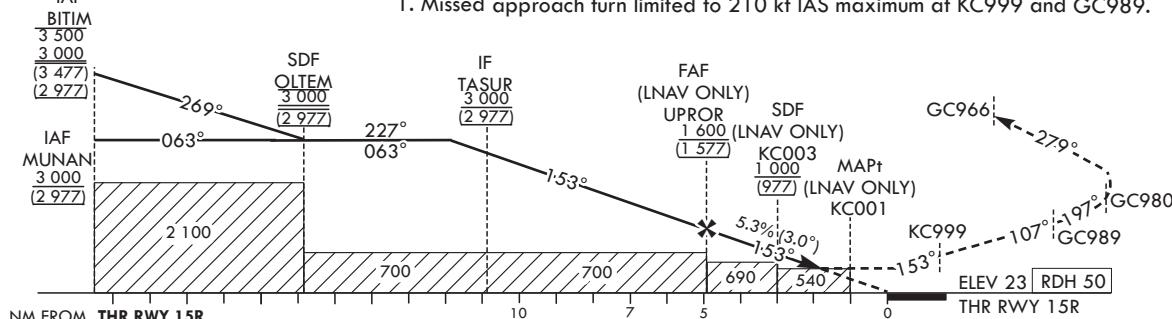
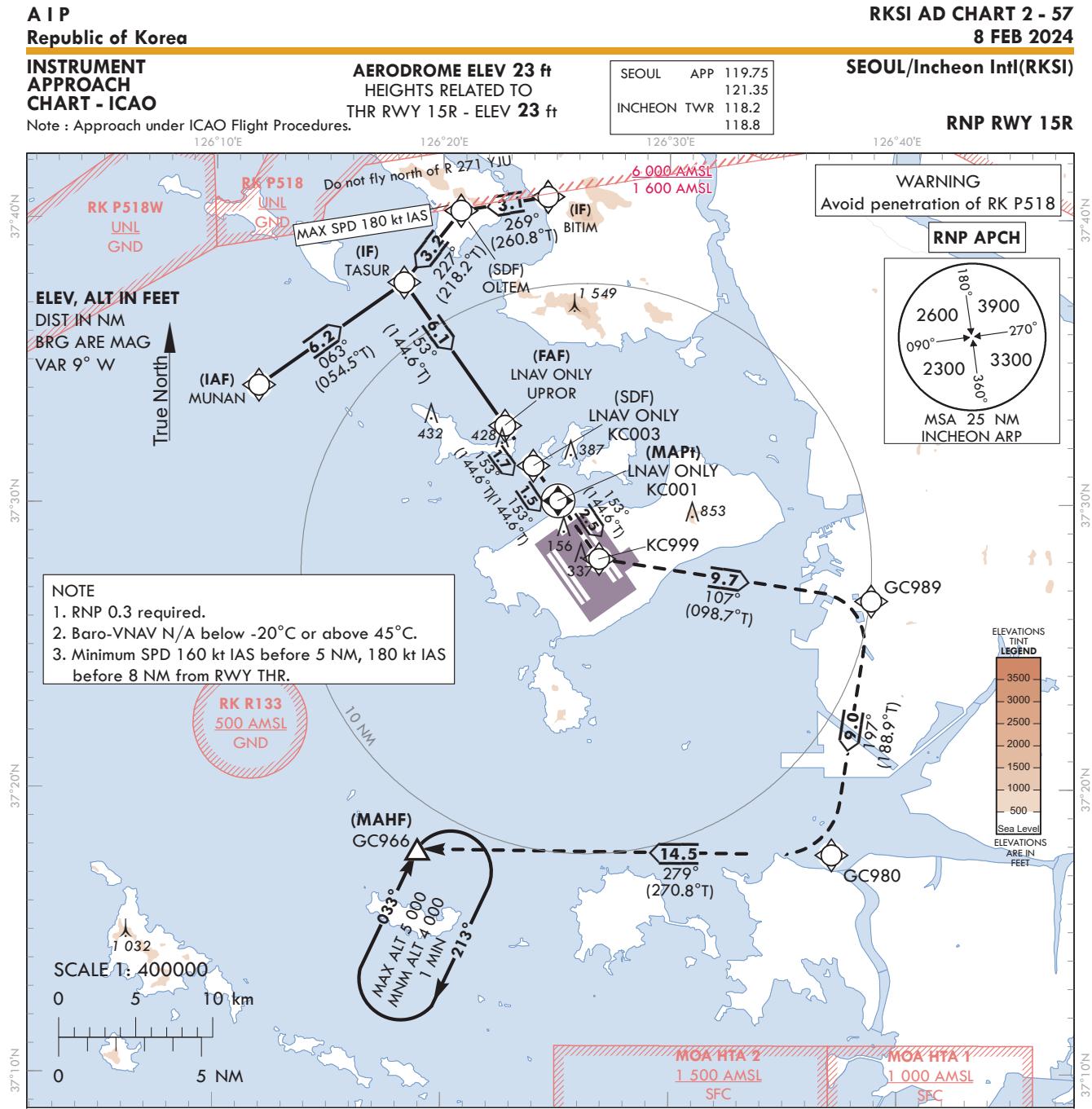
Note : Approach under ICAO Flight Procedures.

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



CATEGORY		DA(H)/MDA(H)	A	B	C	D	Knots	60	90	120	150	180					
STA	LNAV	FULL	540	1 600 m			Rate of descent	V/V fpm		324	485	647					
		ALS INOP	(517)	2 400 m				809 971									
	LNAV/VNAV	FULL	460	1 300 m			* Timing Not authorized for defining MAPt. * Circling Not authorized.										
		ALS INOP	(437)	2 000 m													

Change : Information of Note 3, protected area(S1) and Amended chart, OBST, phrases(997 → 977), profile view.

SEOUL/Incheon Intl(RKSI)  
RNP RWY 15R

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

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

Serial Number	Path Descriptor	Waypoint Identifier 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	MAP†
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	HW	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(IF) to GC966(MAHF)

Serial Number	Path Descriptor	Waypoint Identifier over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	IF	BITIM	-	-	-	-3 500	-	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	MAP†
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	HW	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.

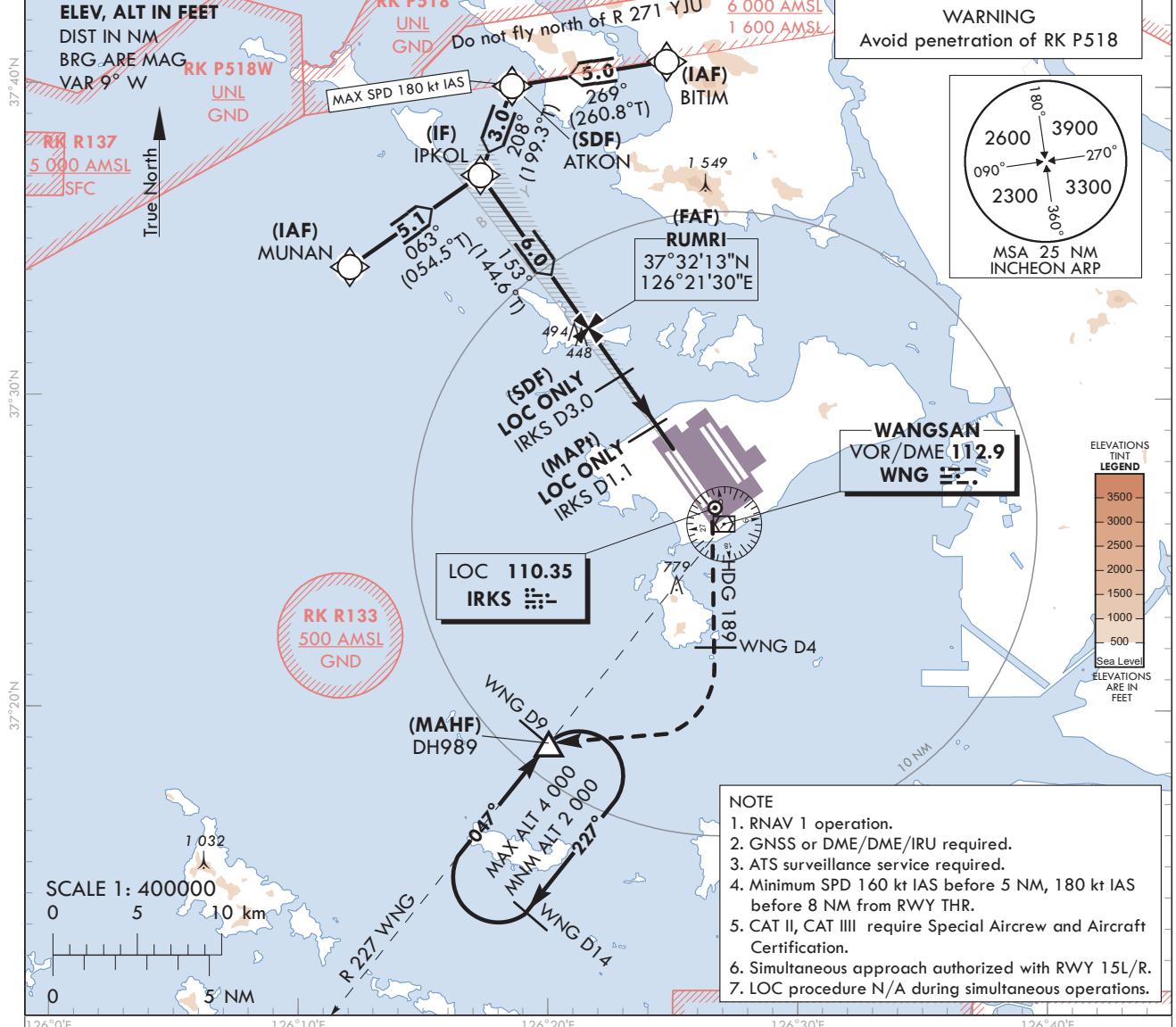
AERODROME ELEV 23 ft  
HEIGHTS ELEV TO  
THR RWY 16L - ELEV 23 ft

SEOUL APP	119.75
	121.35
INCHEON TWR	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 16L  
CAT II & III

37°40'N

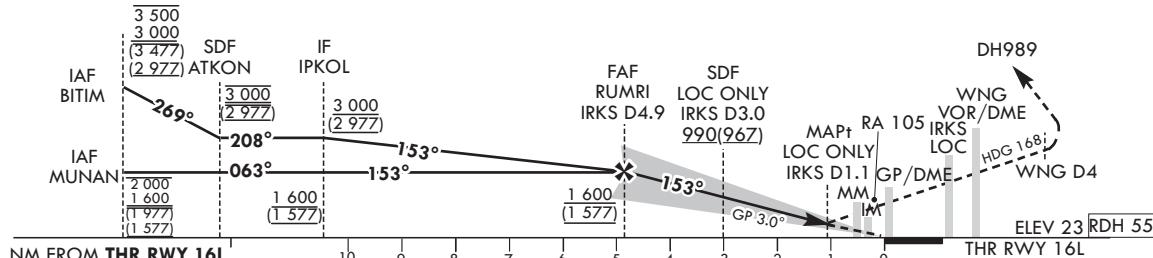


SCALE 1: 400000  
0 5 10 km  
0 5 NM

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

RECOMMENDED PROFILE (LOC ONLY)  
Final Approach Gradient 5.30%, 322 ft/NM

DME ISRR	4	3	2
ALT(HGT) (1 287) (965) (643)	1 310	988	666



CATEGORY	DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I (CG 2.5%)	FULL ALS INOP	460 (437)	1 300 m	
	CAT-I (CG 4.0%)	FULL ALS INOP	223 (200)	RVR 550 m, VIS 800 m	1 200 m
	LOC	FULL ALS INOP	410 (387)	1 100 m	1 800 m
	CAT II	123(100)	300 m	300 m <sup>1)</sup> / 350 m	
CAT III	-		75 m <sup>2)</sup> / 125 m		

1) For CAT D aeroplane conducting an autoland.  
2) Aeroplane use Fail-operational system.

MISSSED 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 (DH 437 or 387), 4.0% to 2 000 ft (DH 200 or 100).

\* Timing Not authorized for defining MAPt.

\* Circling Not authorized.

Change : Amended phrase(LOC ONLY).

**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
D3.0 IRKS(SDF) (LOC ONLY)	BRG 153.16°/3.00 NM IRKS
D1.1 IRKS(MAPt) (LOC ONLY)	BRG 153.16°/1.10 NM IRKS
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

**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

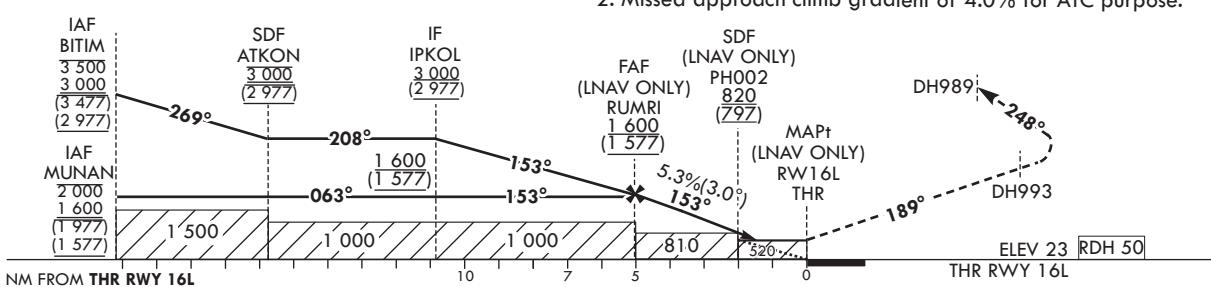
TRANSITION ALT 14 000  
TRANSITION LVL FL 140

## 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.



Change : Information of Note 3 and Amended chart, OBST, phrase(MAHE → MAPt), profile view.

SEOUL/Incheon Intl(RKSI)  
RNP RWY 16L

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

## RNP RWY 16L - via MUNAN(IF) 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	-	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°28'22.1"N 126°24'56.06"E	-3.05/50	RNP APCH	NAP†
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°19'55.0"E	-	RNP APCH	-
008	HM	DH989	Y	047 (038.4)	-	R	-4 000	+3 000	37°18'55.0"N 126°19'55.0"E	-	RNP APCH	1 min (Outbound timing)

## RNP RWY 16L - via BITIM(IF) 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	-	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°28'22.1"N 126°24'56.06"E	-3.05/50	RNP APCH	NAP†
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°19'55.0"E	-	RNP APCH	-
009	HM	DH989	Y	047 (038.4)	-	R	-4 000	+3 000	37°18'55.0"N 126°19'55.0"E	-	RNP APCH	1 min (Outbound timing)

INSTRUMENT  
APPROACH  
CHART-ICAO

Note : Approach under ICAO Flight Procedures.

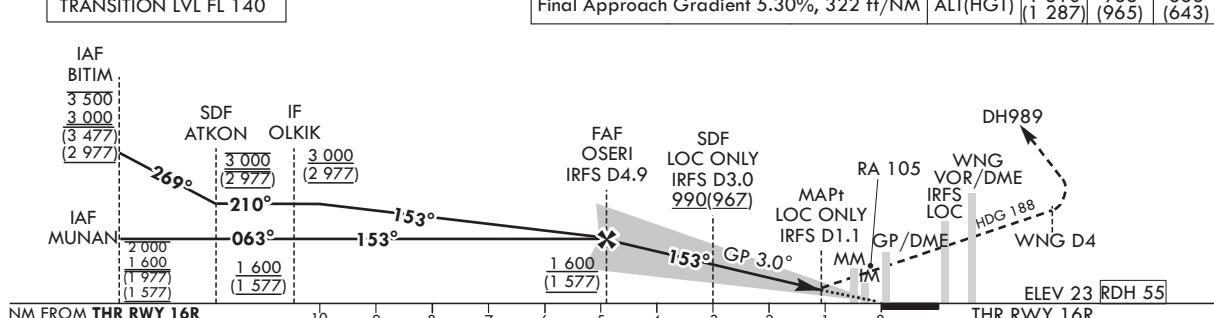
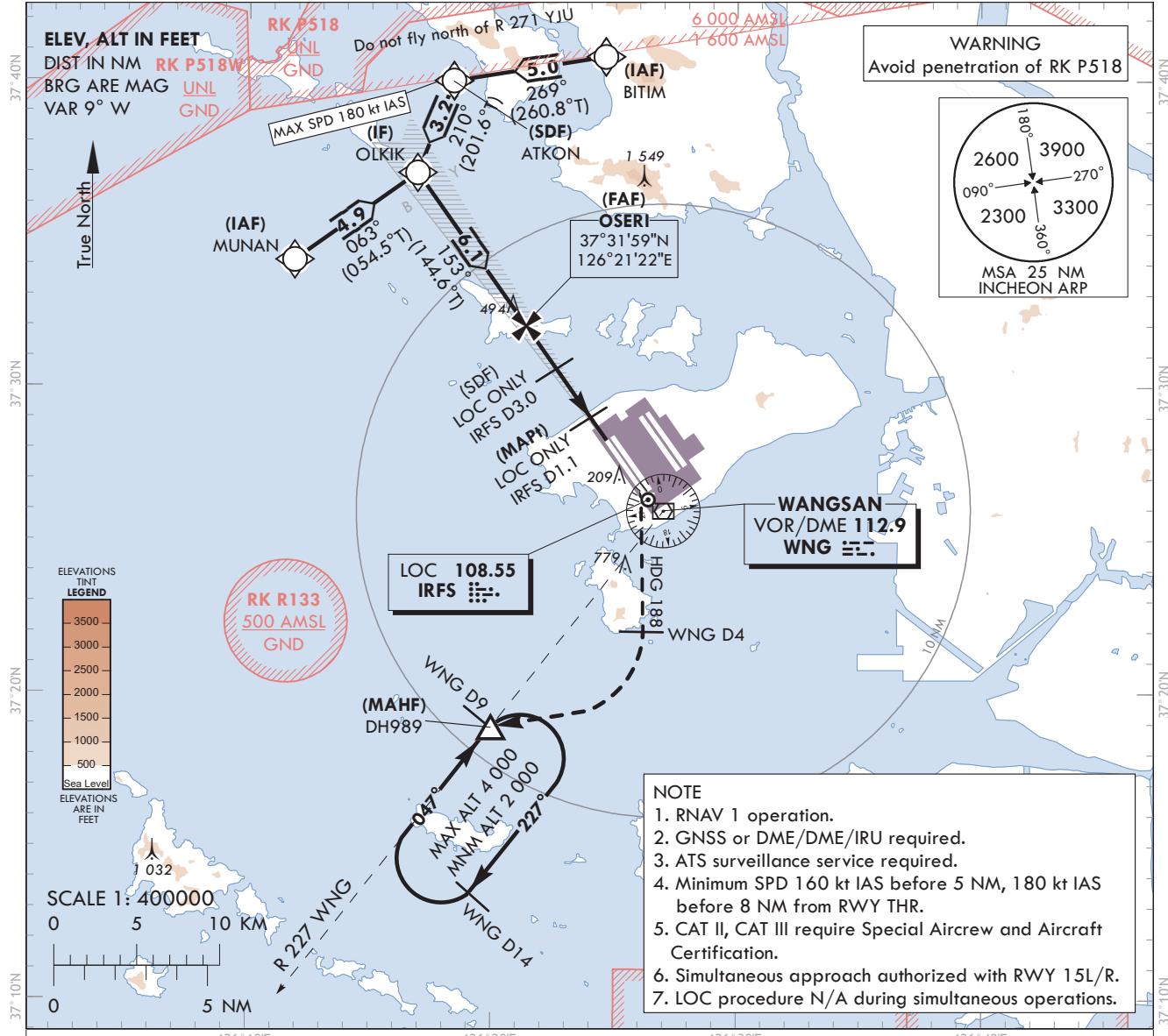
AERODROME ELEV 23 ft  
HEIGHTS RELATED TO  
THR RWY 16R - ELEV 23 ft

SEOUL APP	119.75
	121.35
INCHEON TWR	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 16R

CAT II & III



CATEGORY	DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I (CG 2.5%)	FULL 460 (437)		1 300 m	
				2 000 m	
	CAT-I (CG 4.0%)	FULL 223 (200)		RVR 550 m, VIS 800 m	
				1 200 m	
LOC	FULL 410 (387)			1 100 m	
	ALS INOP			1 800 m	
CAT II	123(100)		300 m	300 m <sup>1)</sup> / 350 m	
CAT III	-		75 m <sup>2)</sup> / 125 m		

1) For CAT D aeroplane conducting an autoland.

2) Aeroplane use Fail-operational system.

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 (DH 437 or 387), 4.0% to 2 000 ft (DH 200 or 100).

\* Timing Not authorized for defining MAPt.

\* Circling Not authorized.

Change : Amended phrase(LOC ONLY).

**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
D3.0 IRFS(SDF) (LOC ONLY)	BRG 153.16°/3.00 NM IRFS
D1.1 IRFS(MAPt) (LOC ONLY)	BRG 153.16°/1.10 NM IRFS
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

## **INSTRUMENT APPROACH CHART - ICAO**

Note : Approach under ICAO Flight Procedures.

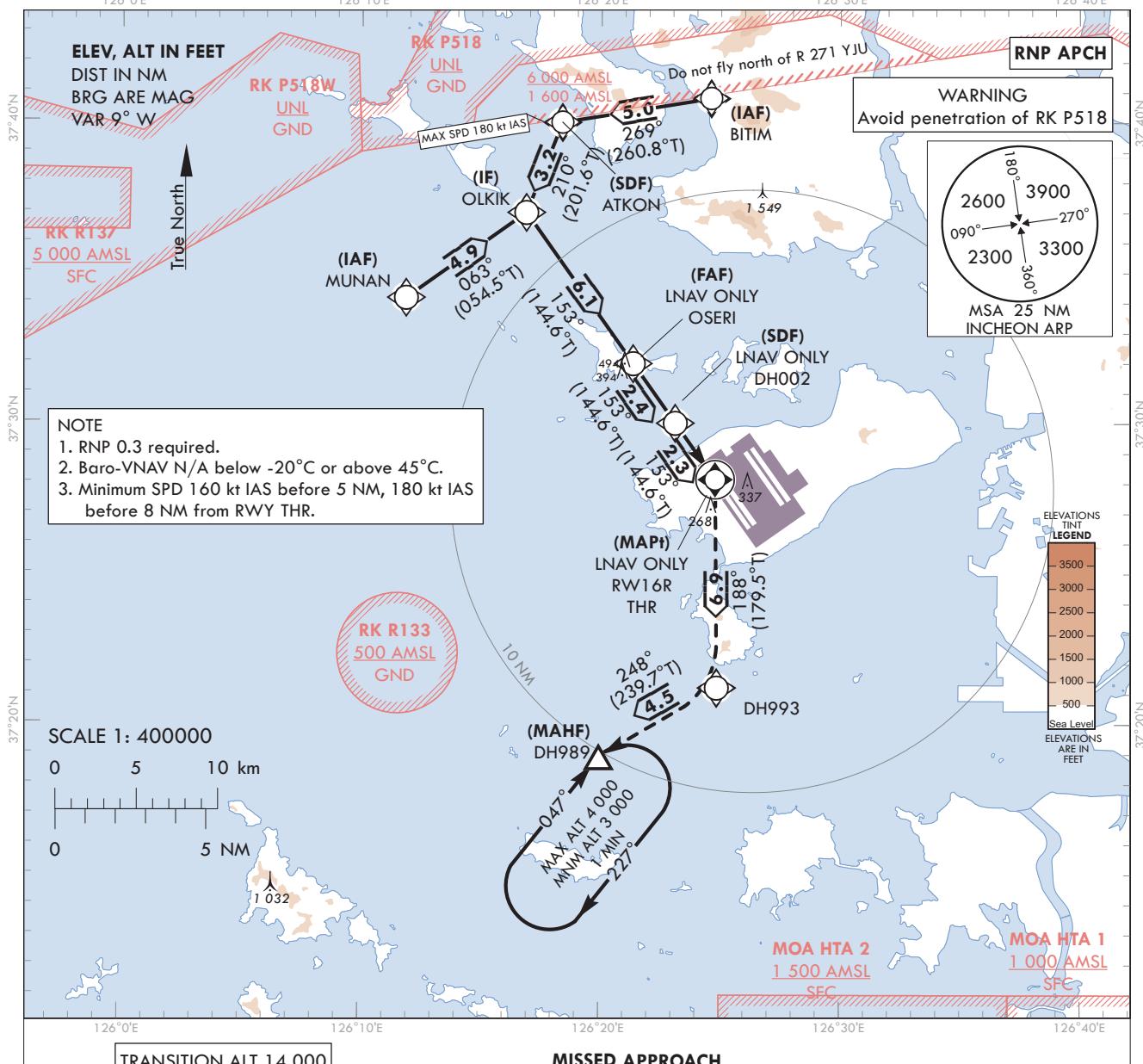
**AERODROME ELEV 23 ft**  
HEIGHTS RELATED TO  
**THR RWY 16R - ELEV 23 ft**

SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

**SEOUL/Incheon Intl(RKSI)**

**RNP RWY 16R**

Note : Approach under ICAO Flight Procedures.



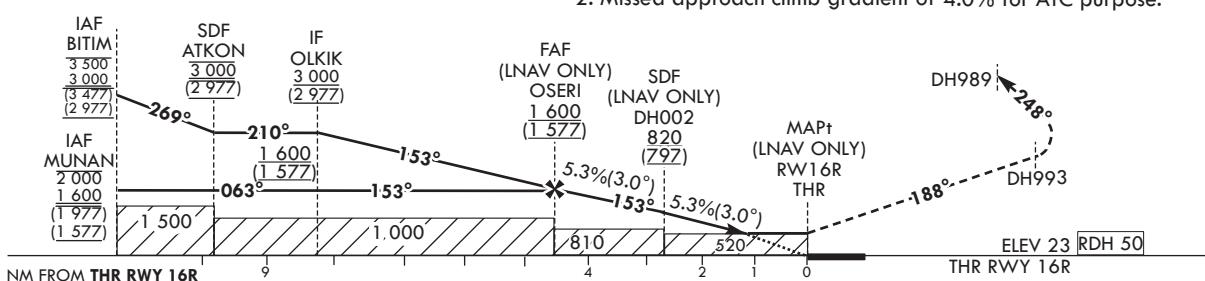
TRANSITION ALT 14 000  
TRANSITION LVL FL 140

## 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.



CATEGORY			DA(H)/MDA(H)	A	B	C	D		Knots	60	90	120	150	180					
STA	LNAV	FULL	520	1 500 m			Rate of descent	V/V fpm	323	485	647	809	970						
		ALS INOP	(497)	2 300 m															
	LNAV/VNAV	FULL	430	1 200 m			* Timing Not authorized for defining MAPt.												
		ALS INOP	(407)	1 900 m				* Circling Not authorized.											

Change : Information of Note 3 and Amended chart, phrases( $208^\circ \rightarrow 210^\circ$ ,  $340 \rightarrow 520$ ).

SEOUL/Incheon Intl(RKSI)  
RNP RWY 16R

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

RNP RWY 16R - via MUNAN(IF) 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	-3.0/5/50	RNP APCH	NAPt
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(IF) 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	-3.0/5/50	RNP APCH	NAPt
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**

ELEV, ALT IN FEET  
DIST IN NM  
BRG ARE MAG  
VAR 9° W

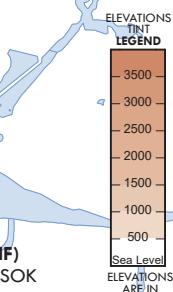
True North

NCN D15  
MAX ALT 5 000  
MIN ALT 3 000  
087°  
(MAHF)  
GE973  
RK R133  
500 AMSL  
GND

INCHEON  
VOR/DME 113.8  
NCN E:

LOC 109.3  
INLL D1.0

WARNING  
Avoid penetration of RK P518



SCALE 1: 450000

0 5 10 km  
5 NM

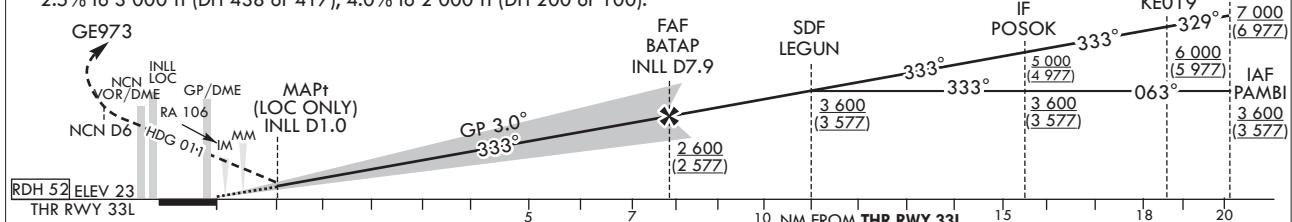
- NOTE**
- RNAV 1 operation.
  - GNSS or DME/DME/IRU required.
  - ATS surveillance service required.
  - Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY THR.
  - CAT II, CAT III require Special Aircrew and Aircraft Certification.
  - Simultaneous approach authorized with RWY 34L/R.
  - 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	1 980	1 654	1 327	1 001	675

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

**NOTE**

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



CATEGORY	DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I (CG 2.5%) FULL ALS INOP	461 (438)	1 300 m		
			2 000 m		
	CAT-I (CG 4.0%) FULL ALS INOP	223 (200)	RVR 550 m, VIS 800 m		
	LOC FULL ALS INOP	440 (417)	1 200 m	1 200 m	
CAT II	CAT II	123(100)	300 m	300 m <sup>1</sup> / 350 m	
	CAT III	-	75 m <sup>2</sup>	/ 125 m	

**MISSSED 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.

- For CAT D aeroplane conducting an autoland.
- Aeroplane use Fail-operational system.

\*Timing Not authorized for defining MAPt.

\*Circling Not authorized.

Change : Information of Note 4 and Amended chart, phrase(4% → 4.0%), profile view.

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

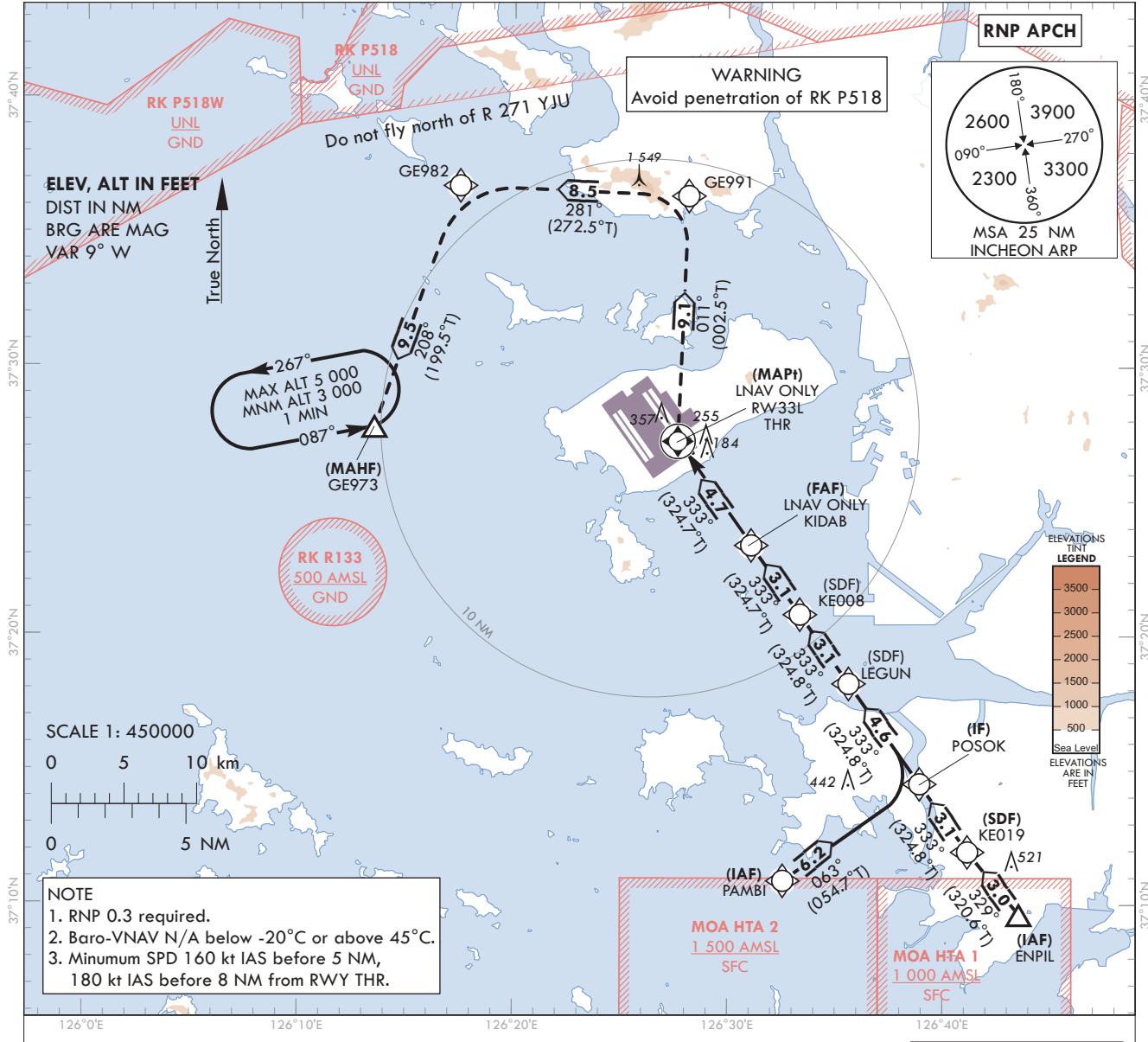
Note : Approach under ICAO Flight Procedures.

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

SEOUL APP	119.75
INCHEON TWR	121.35
	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

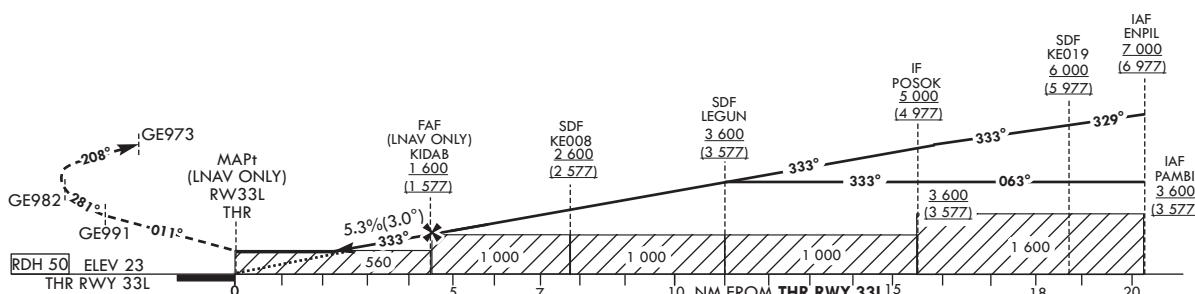
RNP RWY 33L



MISSED APPROACH

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

TRANSITION ALT 14 000  
TRANSITION LVL FL 140



CATEGORY		MDA(H)/DA(H)	A	B	C	D	Knots	60	90	120	150	180					
STA	LNAV	FULL	560 (537)	1 700 m			Rate of descent	V/V fpm	323	484	645	807	968				
		ALS INOP		2 400 m													
	LNAV/VNAV	FULL	430 (407)	1 200 m			*Timing Not authorized for defining MAPt. *Circling Not authorized.										
		ALS INOP		1 900 m			*Timing Not authorized for defining MAPt. *Circling Not authorized.										

Change : Information of Note 3 and Amended chart, OBST, profile view.

SEOUL/Incheon Intl(RKSI)  
RNP RWY 33L

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

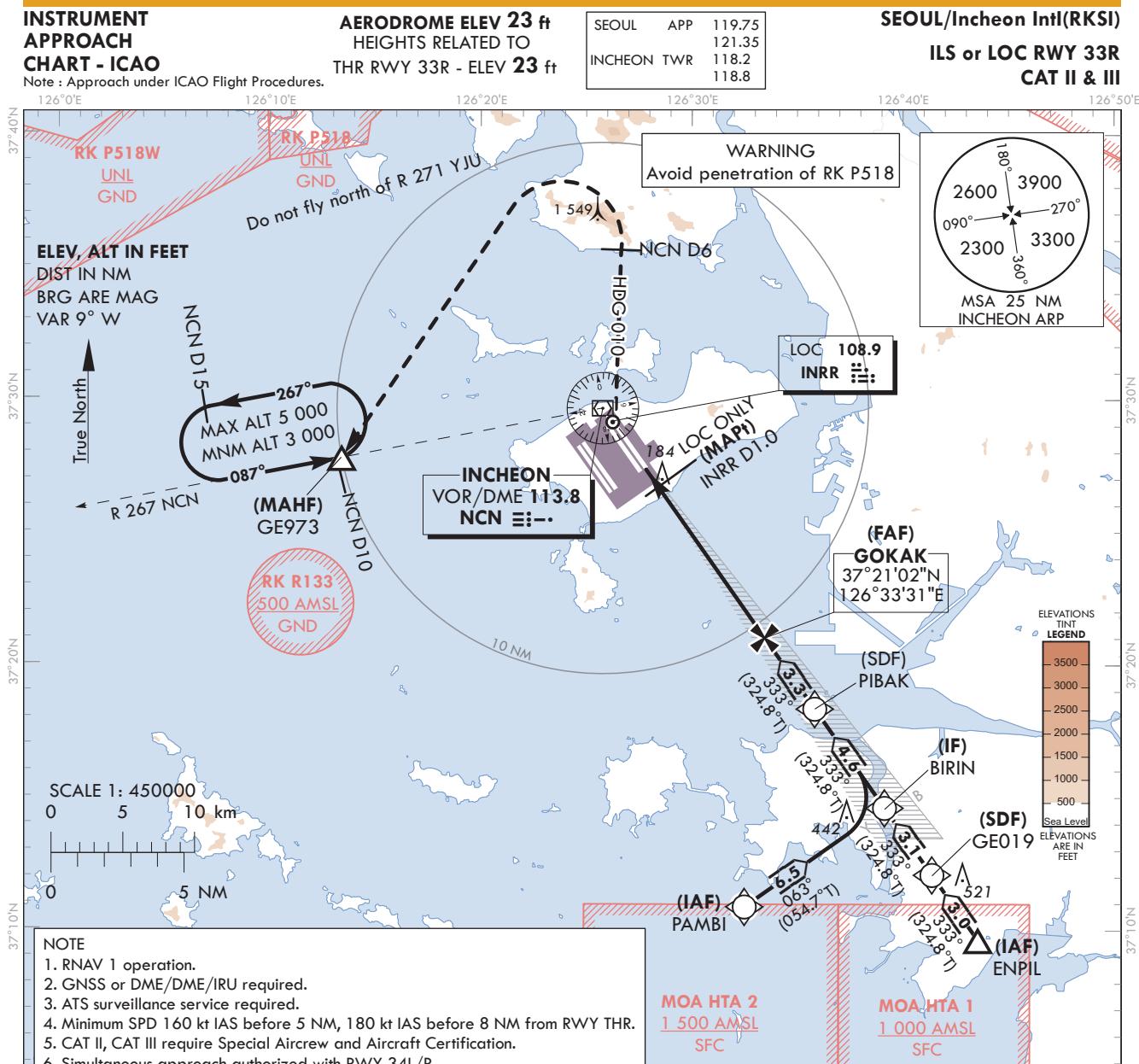
## RNP RWY 33L - via PAMBII(IF) to GE973(MAHF)

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	PAMBII	-	-	-	-	+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°27'15.2"N 126°27'39.0"E	-3.04/50	RNP APCH	MAP†
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	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	1 min (Outbound timing)

## RNP RWY 33L - via ENPL(IF) to GE973(MAHF)

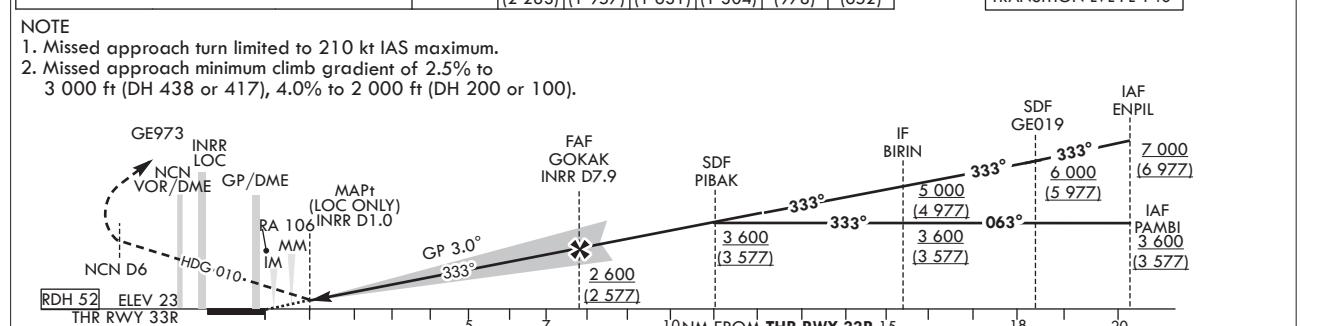
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	ENPL	-	-	-	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNP APCH	IAF
002	TF	KE019	-	329 (320.6)	3.0	-	+6 000	-	37°11'58.6"N 126°41'0.5"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	MAP†
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°27'15.2"N 126°27'39.0"E	-3.04/50	RNP APCH	-
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)

Change : Amended phrase(GE978 → GE973).



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



CATEGORY	DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I (CG 2.5%) FULL ALS INOP (438)	461	1 300 m		
			2 000 m		
	CAT-I (CG 4.0%) FULL ALS INOP (200)	223	RVR 550 m, VIS 800 m		
	LOC FULL ALS INOP (417)	440	1 200 m		
			1 900 m		
CAT II	123(100)	300 m	300 m <sup>1)</sup> / 350 m		
	CAT III	-	75 m <sup>2)</sup> / 125 m		

**MISSSED 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.

1) For CAT D aeroplane conducting an autoland.  
2) Aeroplane use Fail-operational system.

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

Change : Information of Note 4 and Amended chart, phrases(OLNY → ONLY, 324.7°T → 324.8°T), profile view.

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
GEO19(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
D1.0 INRR (MAPt LOC ONLY)	BRG 333.28°/1.00 NM INRR	126°33'30.5"E
THR RWY 33R		37°26'41.9"N
INRR DME		126°28'29.3"E
NCN VOR/DME		37°27'22.97"N
Climb to 500 ft	HDG 333	126°27'52.82"E
D6 NCN	HDG 010	37°27'33.2"N
GE973	BRG 267.26°/10 NM NCN	126°27'49.7"E
		37°29'41.7"N
		126°25'49.2"E
		-
		-

INSTRUMENT  
APPROACH  
CHART - ICAO

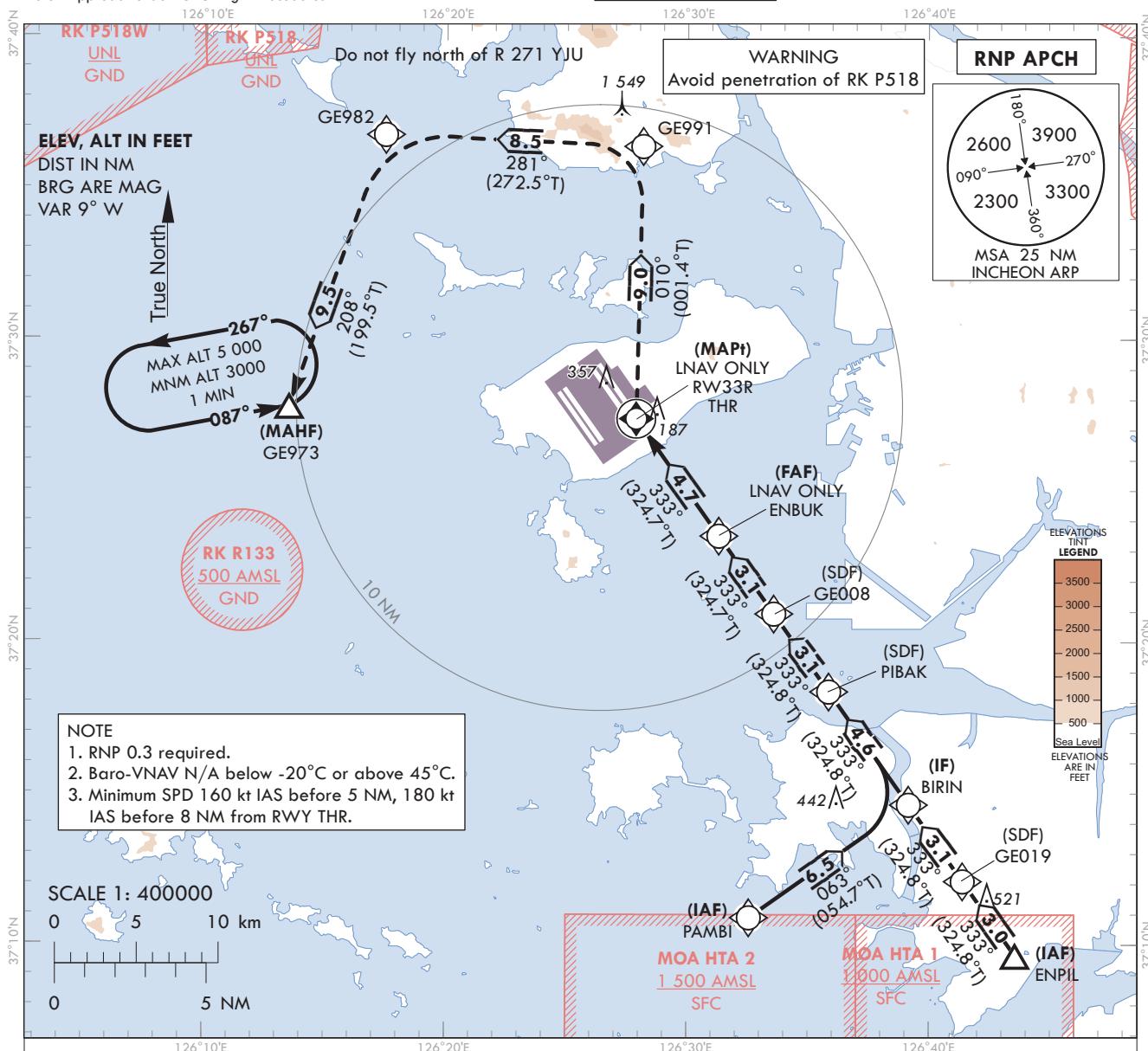
Note : Approach under ICAO Flight Procedures.

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

SEOUL APP	119.75
INCHEON TWR	121.35
	118.2
	118.8

SEoul/Incheon Intl(RKSI)

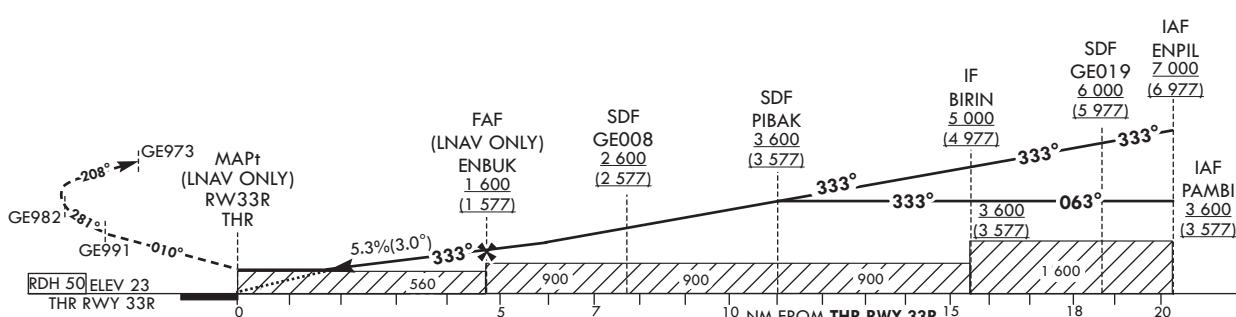
RNP RWY 33R



MISSED APPROACH

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

TRANSITION ALT 14 000  
TRANSITION LVL FL 140



CATEGORY		MDA(H)/DA(H)	A	B	C	D	Knots	60	90	120	150	180						
STA	LNAV	FULL	560 (537)	1 700 m			Rate of descent	V/V fpm	323	484	645	807	968					
		ALS INOP		2 400 m														
STA	LNAV/VNAV	FULL	430 (407)	1 200 m														
		ALS INOP		1 900 m														

\*Timing Not authorized for defining MAPt.

\*

Circling Not authorized.

Change : Information of Note 3 and Amended chart, profile view.

SEOUL/Incheon Intl(RKSI)  
RNP RWY 33R

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

RNP RWY 33R - via PAMB(I)(AF) 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	PAMB1	-	-	-	-	+ 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°27'22.9"N 126°27'52.8"E	-3.04/50	RNP APCH	MAP†
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	-	37°27'47.0"N 126°13'29.0"E	-	RNP APCH	1 min (Outbound timing)

RNP RWY 33R - via ENPIL(I)(AF) 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	MAP†
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°27'22.9"N 126°27'52.8"E	-3.04/50	RNP APCH	-
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)

Change : Amended phrases(510 → 560, 4 000 → 3 000).

INSTRUMENT  
APPROACH  
CHART - ICAO

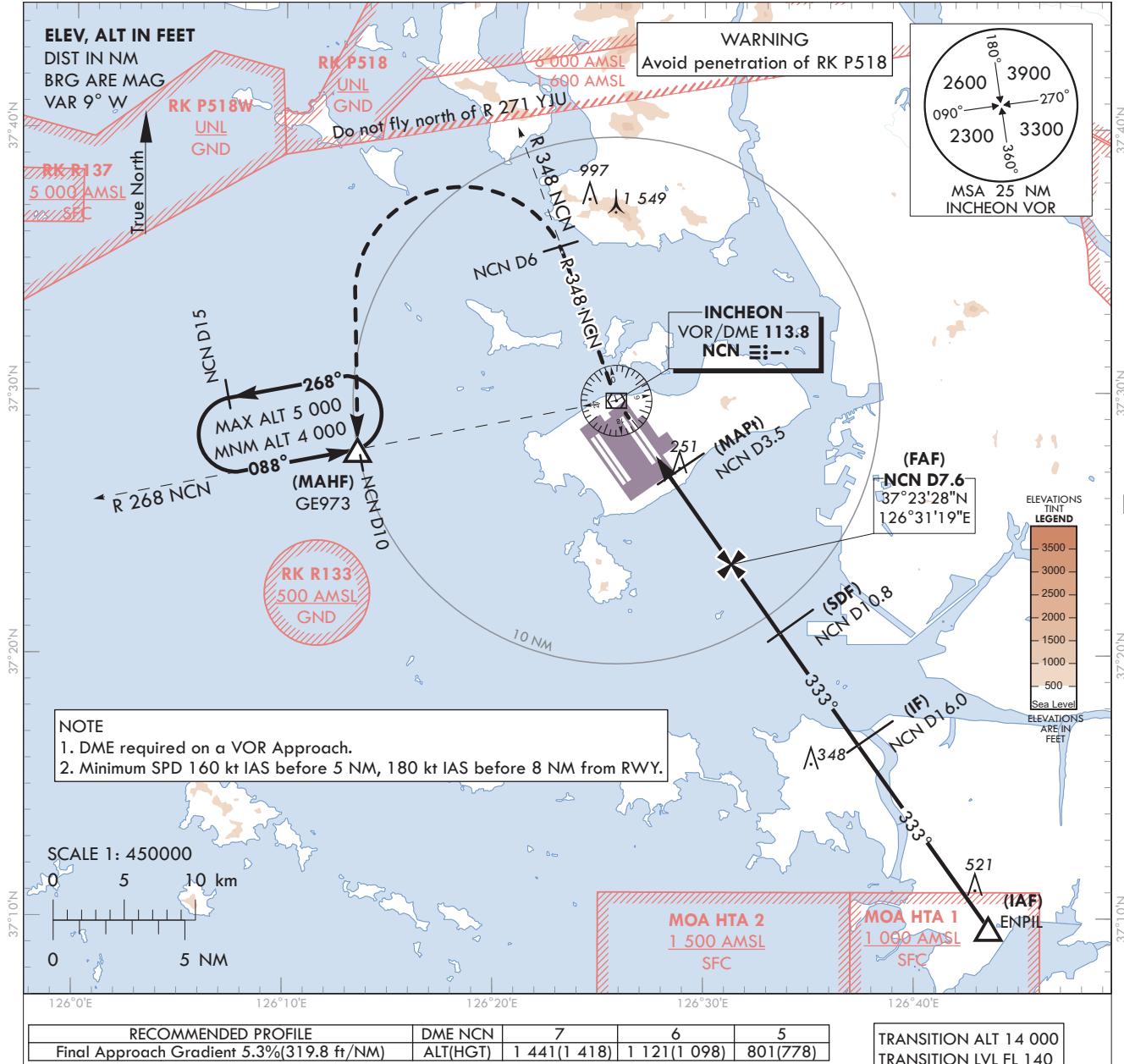
Note : Approach under ICAO Flight Procedures.

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

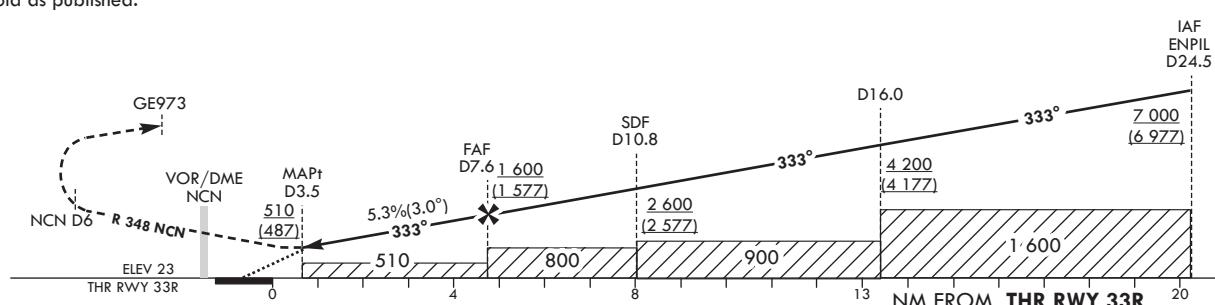
SEoul/Incheon Intl(RKSI)

VOR RWY 33R



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.



CATEGORY	MDA(MDH)	A	B	C	D	Rate of descent	Knots	60	90	120	150	180		
							V/V fpm	320	480	640	800	960		
Straight-in	FULL	510 (487)	1 500 m			Rate of descent	*Timing Not authorized for defining MAPt. *Circling Not authorized.							
	ALS INOP		2 300 m											

Change : Information of fix name(GE978 → GE973).

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

Change : Information of fix name(GE978 → GE973).

INSTRUMENT  
APPROACH  
CHART - ICAO

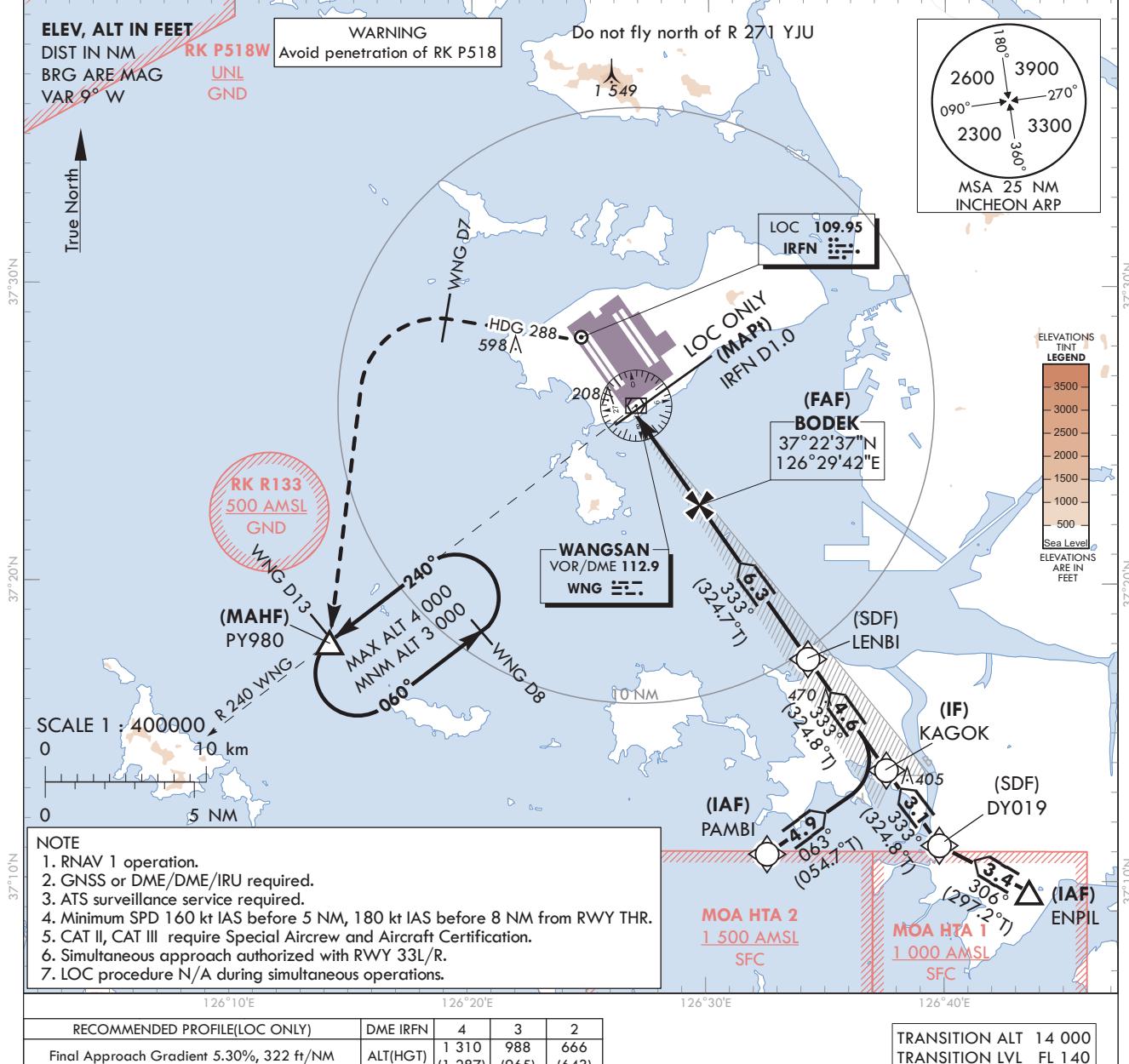
Note : Approach under ICAO Flight Procedures.

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

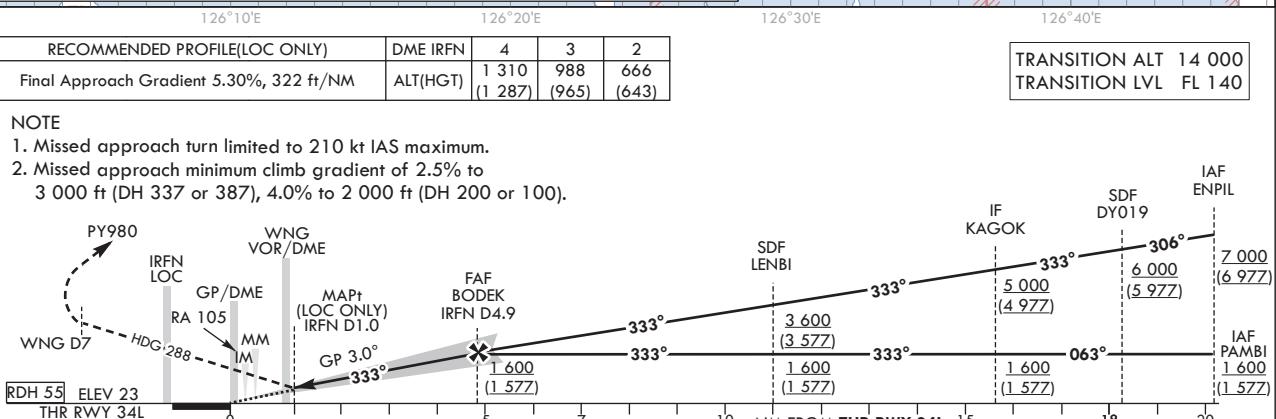
SEOUL/Incheon Intl(RKSI)

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.



CATEGORY		DA(DH)/MDA(MDH)	A	B	C	D	MISSED APPROACH
Straight-in	CAT-I (CG 2.5%)	FULL ALS INOP 360 (337)		800 m			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.
	CAT-I (CG 4.0%)	FULL ALS INOP 223 (200)		RVR 550 m, VIS 800 m			
	LOC	FULL ALS INOP 410 (387)		1 100 m			1) For CAT D aeroplane conducting on autoland. 2) Aeroplane use Fail-operational system.
	CAT II	123(100)	300 m		300 m <sup>1)</sup> / 350 m		* Timing Not authorized for defining the MAPt. * Circling Not authorized.
	CAT III	-	75 m <sup>2)</sup> / 125 m				

Change : Information of Note 4 and Amended chart, profile view, phrases(4% → 4.0%, 2 577 → 1 577).

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

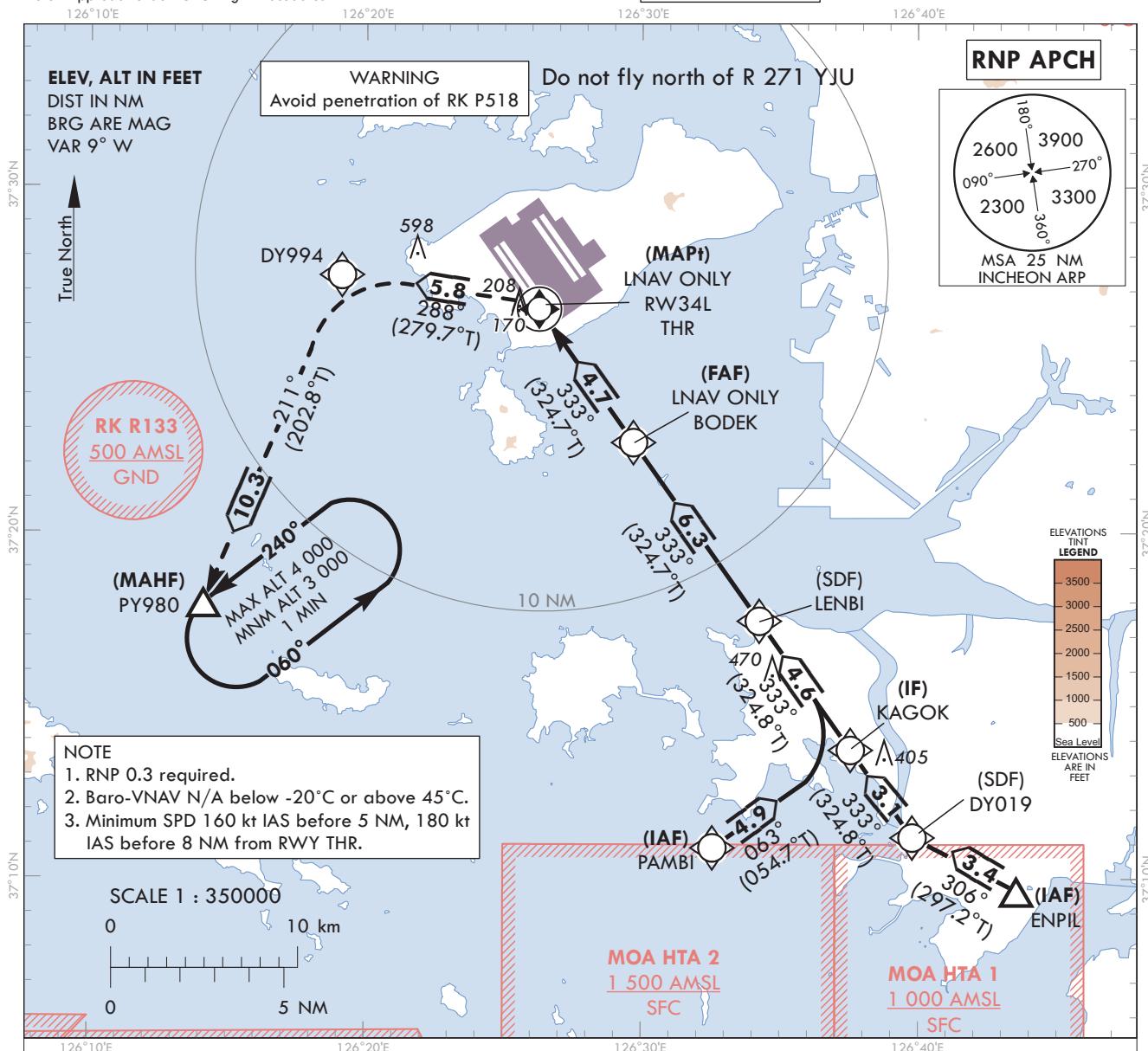
Note : Approach under ICAO Flight Procedures.

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



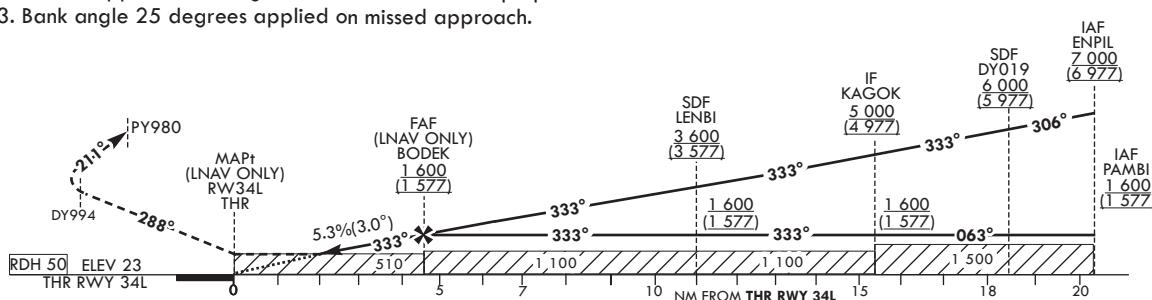
MISSSED APPROACH

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.



CATEGORY		MDA(H)/DA(H)	A	B	C	D	Rate of descent	Knots	60	90	120	150	180					
STA	LNAV	FULL	510 (487)	1 500 m			V/V fpm	324	486	647	809	971						
	ALS INOP	ALS INOP		2 300 m														
	LNAV/ VNAV	FULL	430 (407)	1 200 m			* Timing Not authorized for defining the MAPt.											
	VNAV	ALS INOP		1 900 m			* Circling Not authorized.											

Change : Information of Note 3 and Amended chart, OBST, profile view.

SEOUL/Incheon Intl(RKSI)  
RNP RWY 34L

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

RNP RWY 34L - via PAMB1 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	PAMB1	-	-	-	-	+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	MAP†
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(IFAF) 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	MAP†
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.

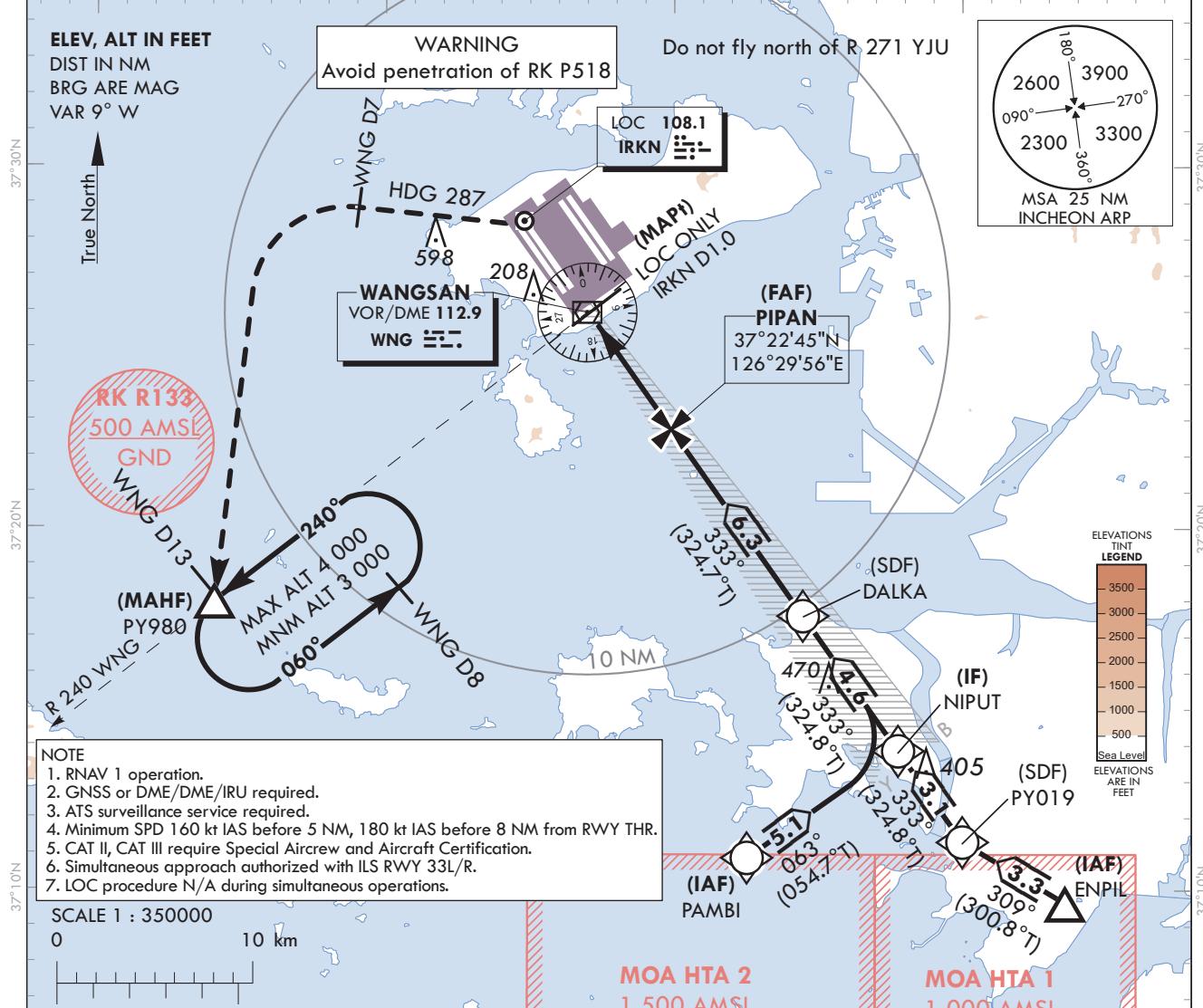
AERODROME ELEV 23 ft  
HEIGHTS RELATED TO  
THR RWY 34R - ELEV 23 ft

SEOUL APP	119.75
INCHEON TWR	121.35
	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 34R

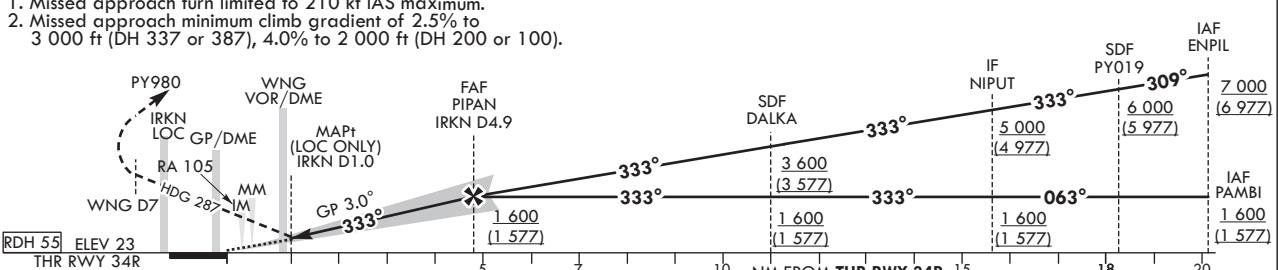
CAT II & III



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 (DH 337 or 387), 4.0% to 2 000 ft (DH 200 or 100).



CATEGORY	DA(DH)/MDA(MDH)	A	B	C	D
Straight-in	CAT-I (CG 2.5%)	FULL	360 (337)	800 m	
		ALS INOP		1 500 m	
	CAT-I (CG 4.0%)	FULL	223 (200)	RVR 550 m, VIS 800 m	
		ALS INOP		1 200 m	
LOC	FULL	410 (387)	1 100 m		
	ALS INOP		1 800 m		
CAT II	123(100)	300 m	300 m <sup>1)</sup> / 350 m		
CAT III	-	75 m <sup>2)</sup> / 125 m			

MISSSED 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.

- 1) For CAT D aeroplane conducting an autoland.  
 2) Aeroplane use Fail-operational system.

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

Change : Information of Note 4 and Amended chart, profile view, phrases(DH242 or 377 → DH337 or 387, 3.0% → 4.0%, 1 300 m → 1 500 m).

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

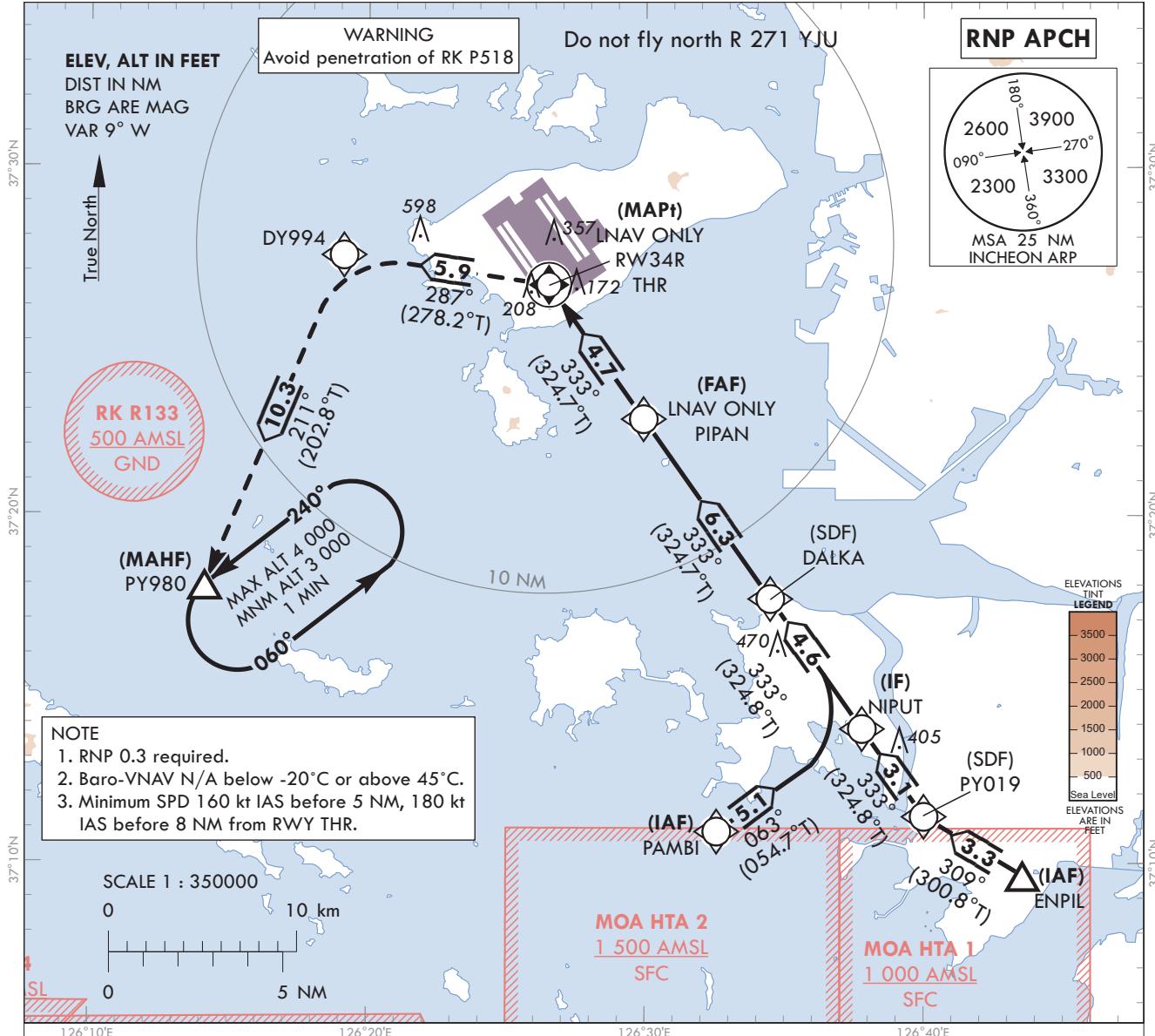
AERODROME ELEV 23 ft  
HEIGHTS RELATED TO  
THR RWY 34R - ELEV 23 ft

Note : Approach under ICAO Flight Procedures.

SEOUL APP	119.75
	121.35
INCHEON TWR	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 34R



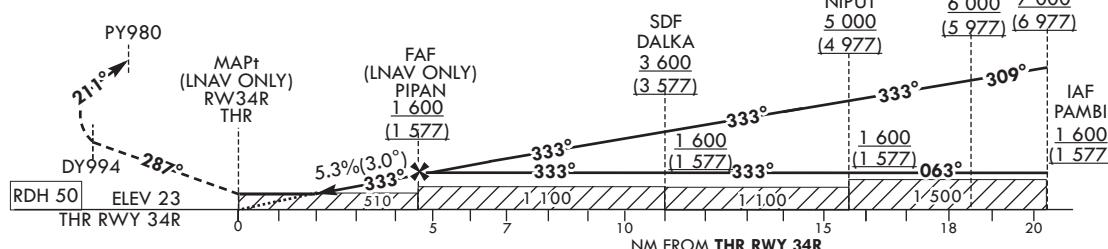
**MISSSED APPROACH**

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.



CATEGORY		MDA(H)/DA(H)	A	B	C	D	Rate of descent V/V fpm	Knots	60	90	120	150	180
STA	LNAV	FULL 510 (487)	1 500 m			324			486	647	809	971	
	VNAV	ALS INOP	2 300 m			430 (407)			510	647	809	971	* Timing Not authorized for defining MAPt. * Circling Not authorized.
		FULL 430 (407)	1 200 m			1 900 m			530 (3.0%)	647	809	971	

Change : Information of Note 3 and Amended chart, OBST, profile view, phrase(RW34 → RW34R).

SEOUL/Incheon Intl(RKSI)  
RNP RWY 34R

## AERONAUTICAL DATA TABULATION

## Instrument Approach Procedure Coding Tables

RNP RWY 34R - via PAMB(I)(AF) 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	PAMB1	-	-	-	-	+1 600	-	37°1'0"54.3"N 126°32'34.4"E	-	RNP APCH	IAF
002	TF	NIPUT	-	063 (054.7)	5.1	-	+1 600	-	37°1'3"51.5"N 126°37'47.9"E	-	RNP APCH	IF
003	TF	DALK1	-	333 (324.8)	4.6	-	+1 600	-	37°1'7"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°26'36.2"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(I)(AF) 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°1'3"51.5"N 126°37'47.9"E	-	RNP APCH	IF
004	TF	DALK1	-	333 (324.8)	4.6	-	+3 600	-	37°1'7"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)

Change : Establishment of remarks for MAHF.