

**INSTRUMENT
APPROACH
CHART - ICAO**

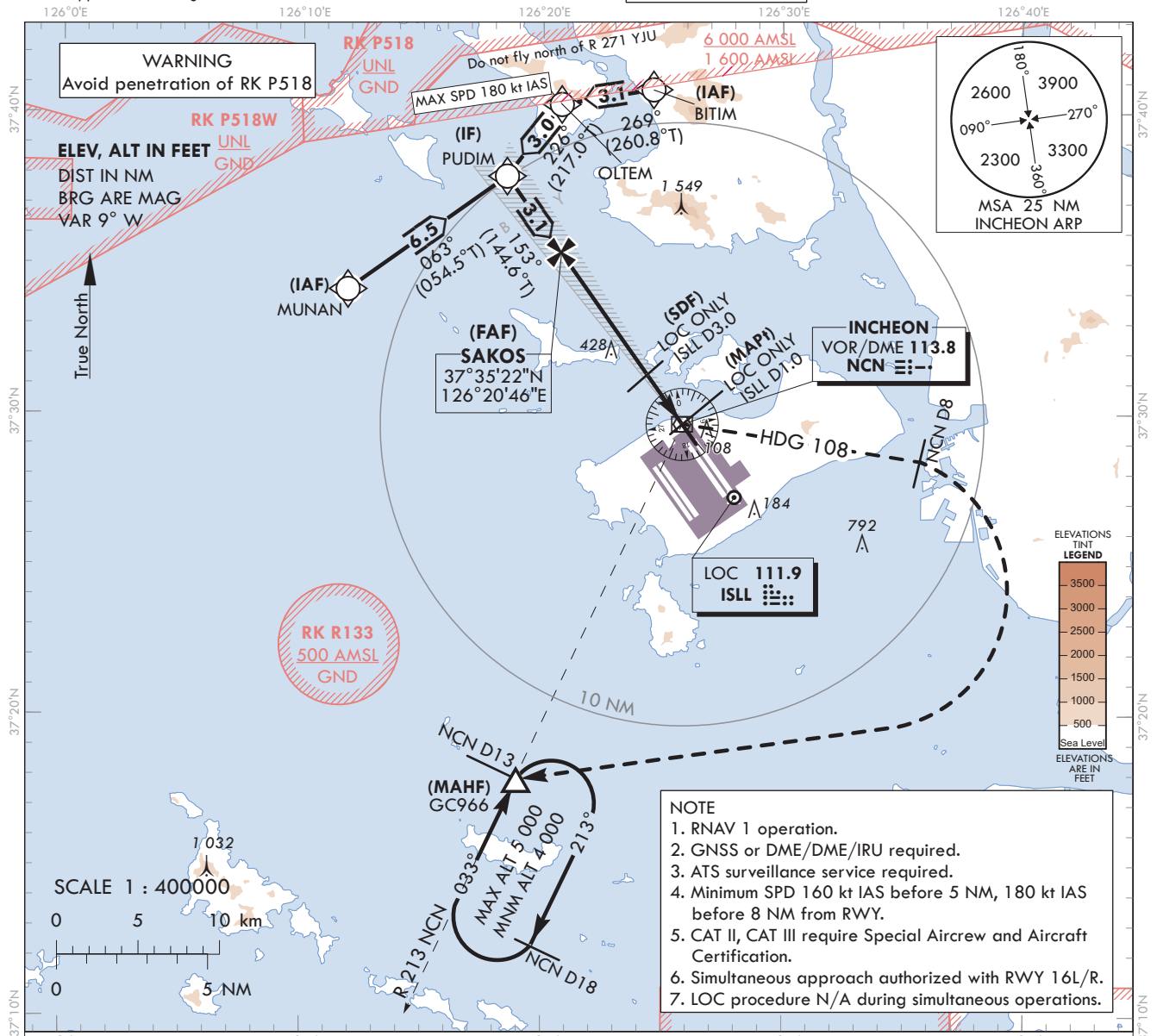
Note : Approach ICAO Flight Procedures.

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

SEOUL APP 119.75
INCHEON TWR 118.2
118.8

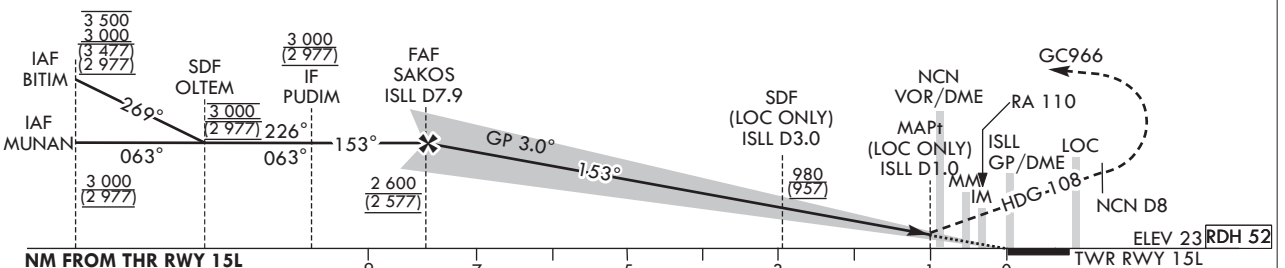
SEOUL/Incheon Intl(RKSI)

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



TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE		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)



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

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.

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 missed approach procedure, recommended profile and WX minima.

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

Change : Information of SDF, MAPt and missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

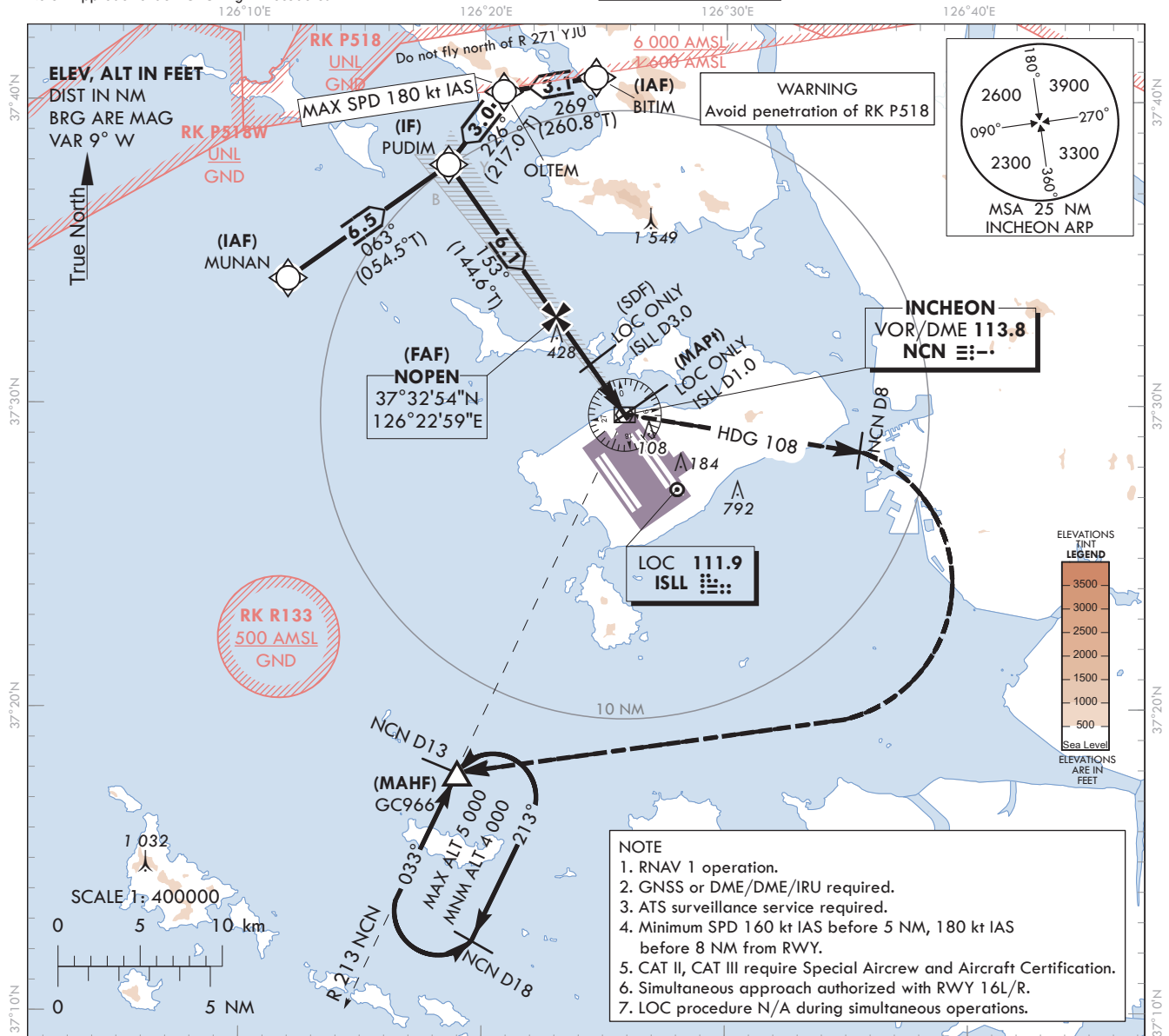
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15L - ELEV 23 ft

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

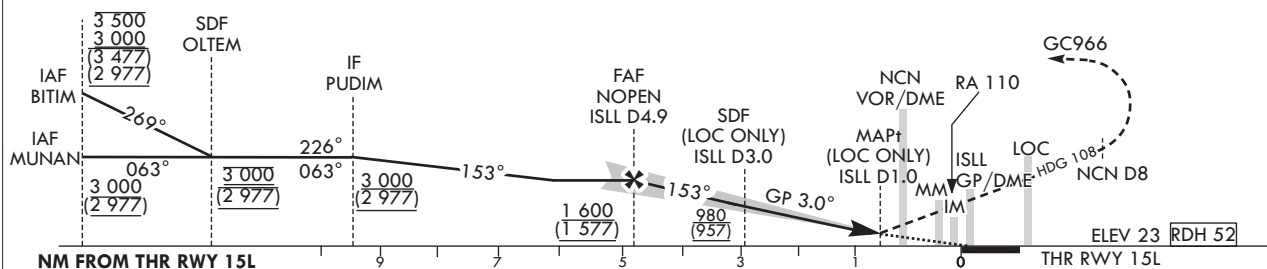
**ILS Y or LOC Y RWY 15L
CAT II & III**

Note : Approach under ICAO Flight Procedures.



TRANSITION ALT 14 000
TRANSITION LVL FL 140

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



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

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.

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 missed approach procedure, recommended profile and WX minima.

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 520 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

Change : Information of SDF, MAPt and missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

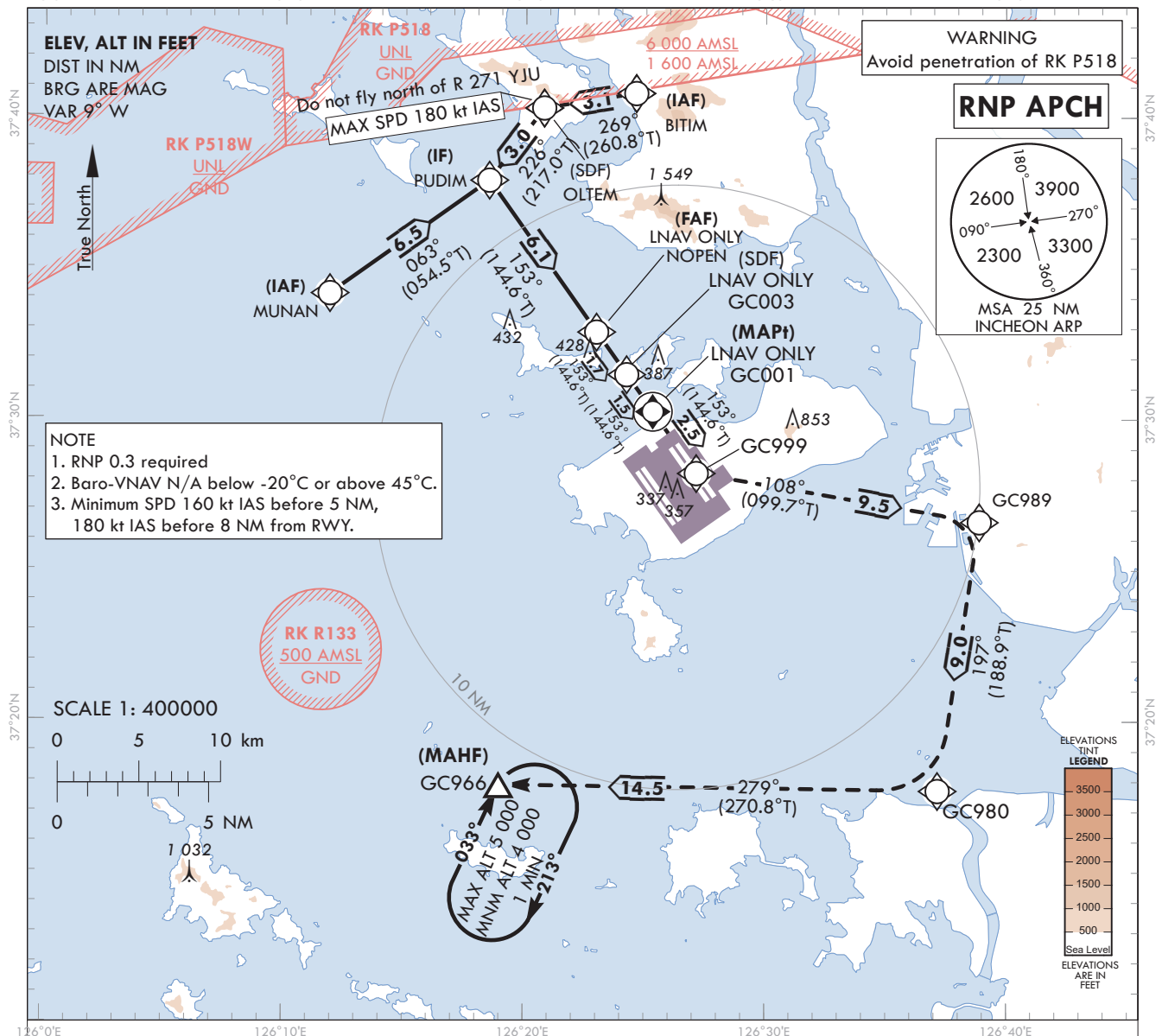
Note : Approach under ICAO Flight Procedures.

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

SEOUL APP 119.75
INCHEON TWR 121.35
118.2
118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 15L



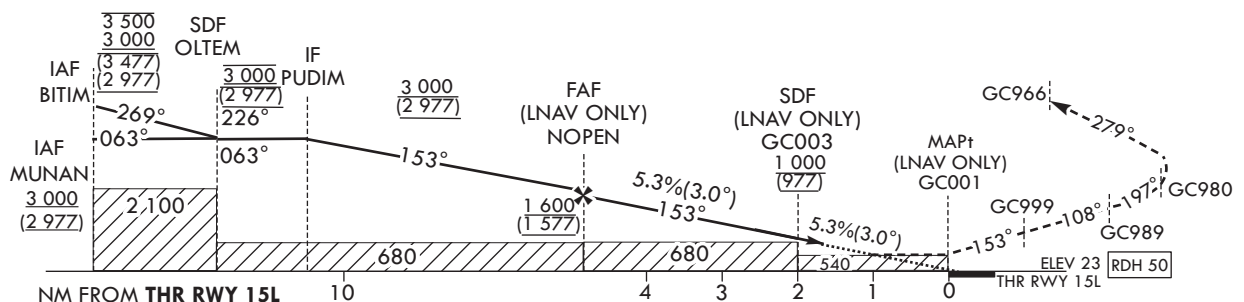
TRANSITION ALT 14 000
TRANSITION LVL FL 140

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.



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	809	971						
		ALS INOP	(517)	2 400 m																
	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 instrument approach procedure(RNP RWY 15L).

SEOUL/Incheon Intl(RKSI)
RNP RWY 15L

AERONAUTICAL DATA TABULATION

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	NOPEM	-	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	-
009	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	NOPEM	-	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)

Change : Information of instrument approach procedure(RNP RWY 15L).

VOR RWY 15L

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

RK P518W
UNL
GND

RK P518
UNL
GND

RK R137
5 000 AMSL
GND

6 900 AMSL
1 600 AMSL

WARNING
Avoid penetration of RK P518
Do not fly north of R 271 YJU

(FAF)
NCN D4.3
37°33'12"N
126°22'42"E

(SDF)
NCN D1.5

(MAP)
NCN D0.4

INCHEON
VOR/DME 113.8
NCN

ELEVATIONS TINT LEGEND
3500
3000
2500
2000
1500
1000
500
Sea Level
ELEVATIONS ARE IN FEET

SCALE 1: 400000
0 5 10 km
0 5 NM

NOTE
1. DME required on a VOR Approach.

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.						

AIRAC AIP AMDT 7/23
Effective : 1600UTC 9 AUG 2023

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
GC963	BRG 213.53°/13.00 NM NCN	37°17'53.0"N	126°18'58.0"E

**INSTRUMENT
APPROACH
CHART - ICAO**

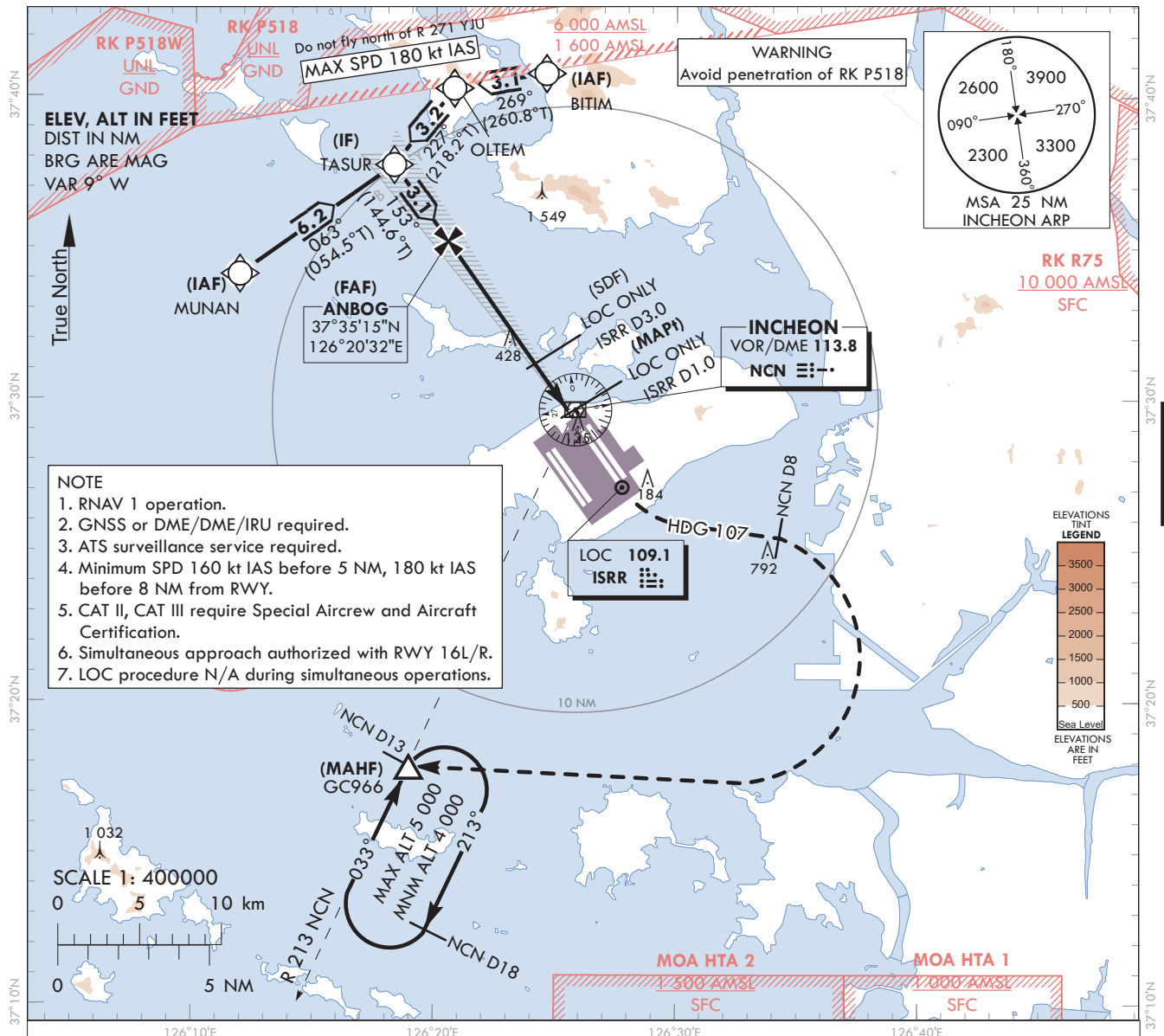
Note : Approach under ICAO Flight Procedures.

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

SEOUL APP	119.75
INCHON TWR	121.35
	118.2
	118.8

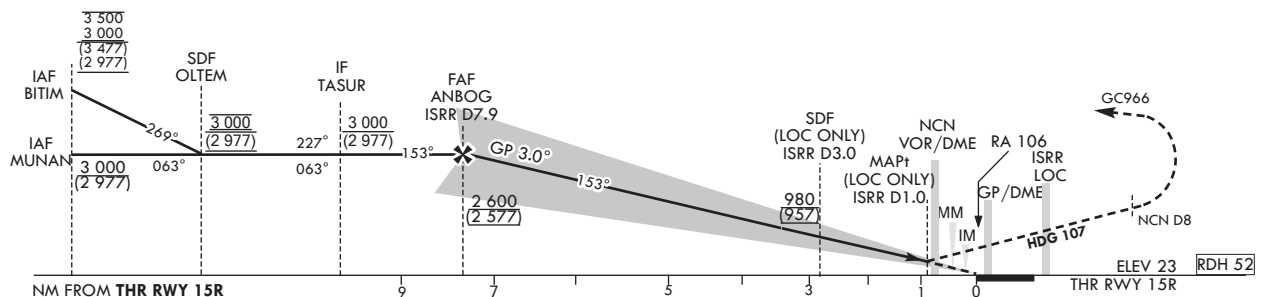
SEOUL/Incheon Intl(RKSI)

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



TRANSITION ALT 14 000
TRANSITION LVL FL 140

RECOMMENDED PROFILE		DME ISRR	7	6	5	4	3	2
Final Approach Gradient 5.37%, 326 ft/NM	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	223 (200)	RVR 550 m, VIS 800 m		
		ALS INOP		1 200 m		
	LOC	FULL	380 (357)	900 m		
		ALS INOP		1 600 m		
CAT II		123 (100)		300 m		300 m ¹⁾ / 350 m
CAT III		-		75 m ²⁾ / 125 m		

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.

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

Change : Amended RWY symbol.

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

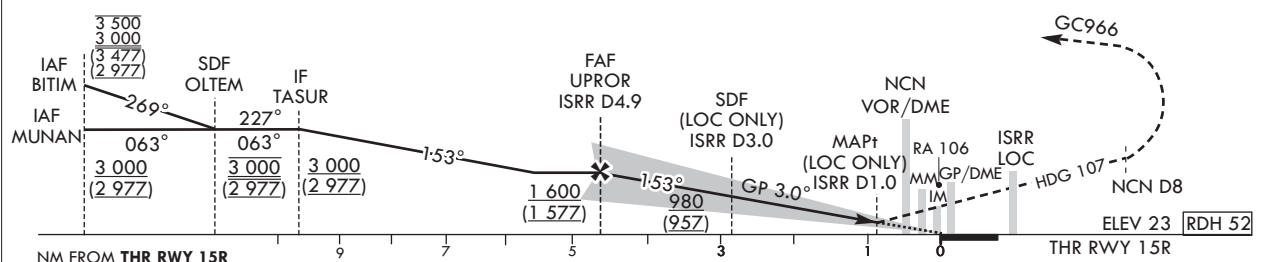
ILS Z/LOC Z Approach to RWY 15R from TASUR(IF) to MAHF	
Fix / Point	Coordinates
ANBOG(FAF) BRG 153.15°/7.92 NM ISRR	37°35'14.6"N 126°20'31.9"E
D3.0 ISRR (SDF LOC ONLY) BRG 153.15°/3.00 NM ISRR	37°31'13.4"N 126°24'07.1"E
D1.0 ISRR (MAPt LOC ONLY) BRG 153.15°/1.00 NM ISRR	37°29'35.4"N 126°25'34.4"E
NCN 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

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

126°10'E 126°20'E 126°30'E 126°40'E



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



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

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

Change : Information of missed approach procedure, recommended profile and WX minima.

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

Change : Information of MAPt and missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

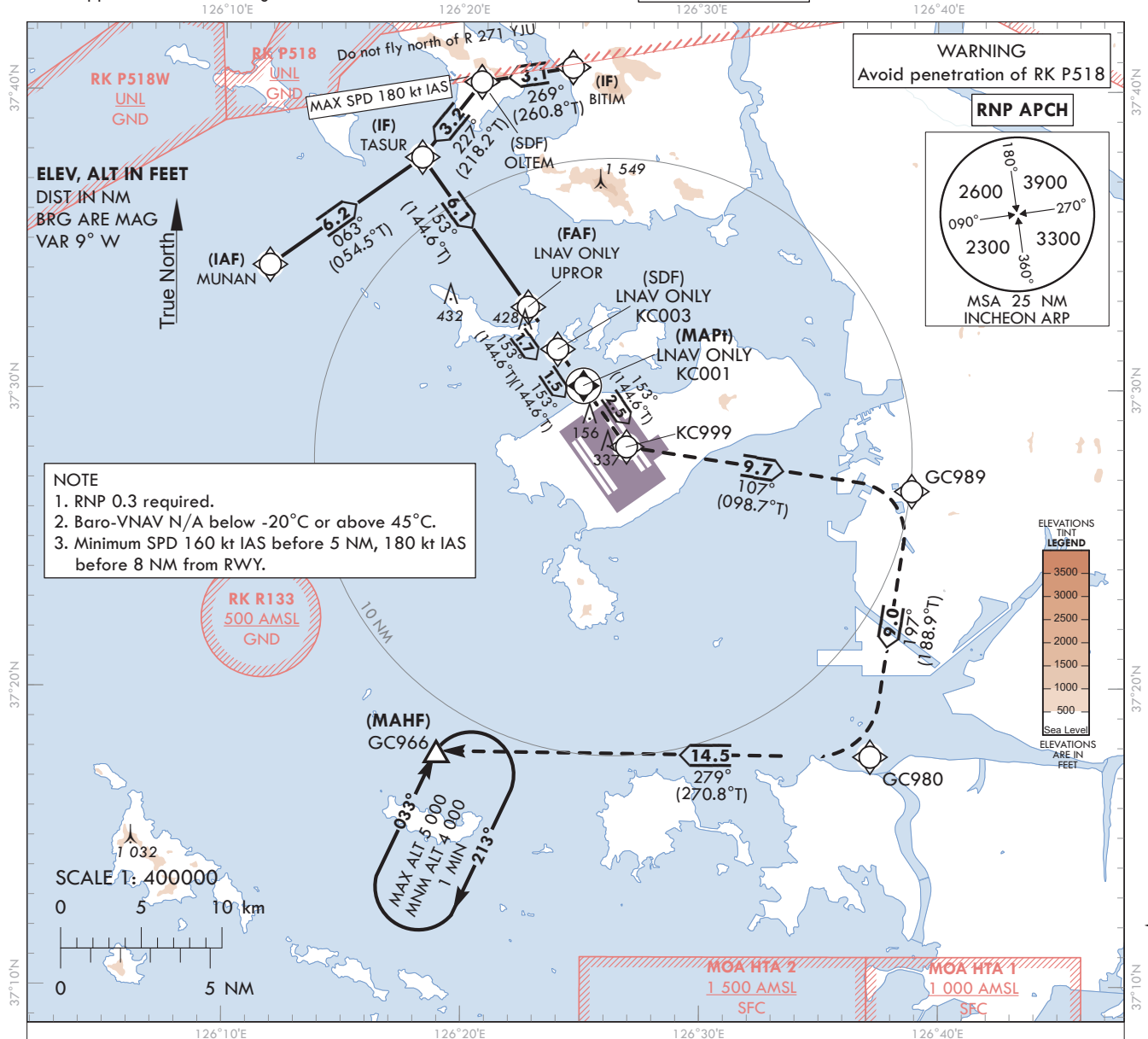
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 15R - ELEV 23 ft

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 15R

Note : Approach under ICAO Flight Procedures.



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.

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

Change : Withdrawal of KC976 and Amended phrase(GC999 → KC999).

AERONAUTICAL DATA TABULATION

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	-	6.2	-	+3 000	-	37°37'46.4"N 126°18'16.2"E	-	RNP APCH	IF
003	TF	UPROR	-	6.1	-	+1 600	-	37°32'45.7"N 126°22'44.8"E	-	RNP APCH	FAF
004	TF	KC003	-	1.7	-	+1 000	-	37°31'21.4"N 126°23'59.9"E	-	RNP APCH	SDF
005	TF	KC001	Y	1.5	-	+540	-	37°30'07.93"N 126°25'05.40"E	-3.05/50	RNP APCH	MAPI
006	TF	KC999	-	2.5	-	-	-210	37°28'05.4"N 126°26'54.4"E	-	RNP APCH	-
007	TF	GC989	-	9.7	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
008	TF	GC980	-	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
009	TF	GC966	-	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	-
010	HM	GC966	Y	-	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	-	3.1	-	@3 000	-180	37°40'18.2"N 126°20'46.3"E	-	RNP APCH	SDF
003	TF	TASUR	-	3.2	-	+3 000	-	37°37'46.4"N 126°18'16.2"E	-	RNP APCH	IF
004	TF	UPROR	-	6.1	-	+1 600	-	37°32'45.7"N 126°22'44.8"E	-	RNP APCH	FAF
005	TF	KC003	-	1.7	-	+1 000	-	37°31'21.4"N 126°23'59.9"E	-	RNP APCH	SDF
006	TF	KC001	Y	1.5	-	+540	-	37°30'07.93"N 126°25'05.40"E	-3.05/50	RNP APCH	MAPI
007	TF	KC999	-	2.5	-	-	-210	37°28'05.4"N 126°26'54.4"E	-	RNP APCH	-
008	TF	GC989	-	9.7	-	-	-210	37°26'36.8"N 126°38'53.7"E	-	RNP APCH	-
009	TF	GC980	-	9.0	-	-	-	37°17'42.5"N 126°37'09.6"E	-	RNP APCH	-
010	TF	GC966	-	14.5	-	+4 000	-	37°17'53.0"N 126°18'58.0"E	-	RNP APCH	-
011	HM	GC966	Y	-	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**

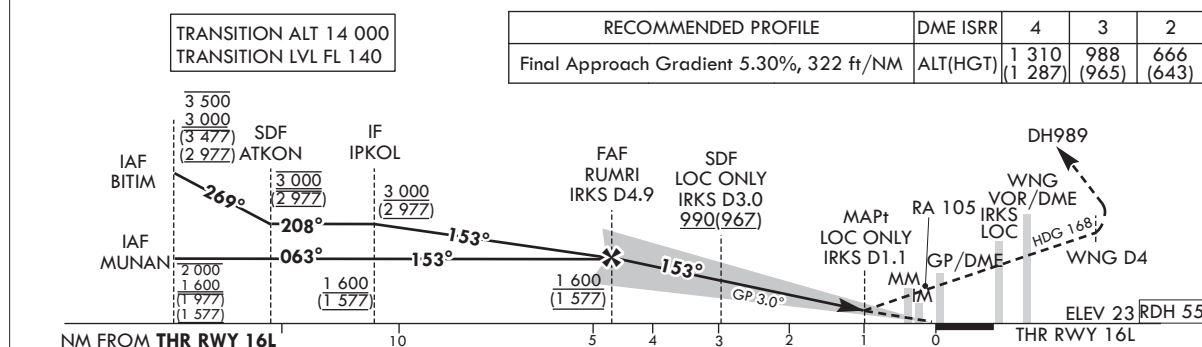
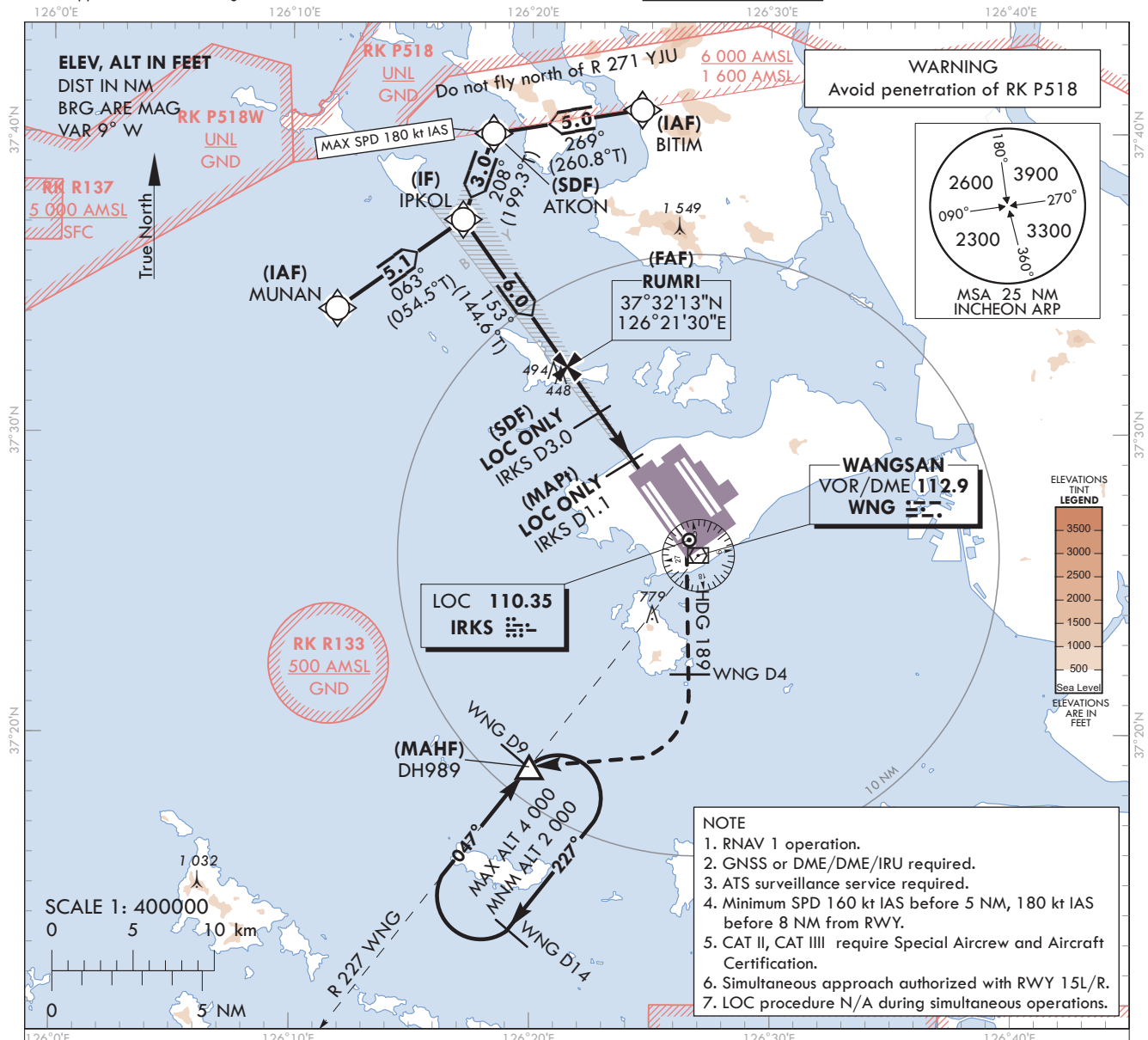
Note : Approach under ICAO Flight Procedures.

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



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

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

- 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 : Information of missed approach procedure, recommended profile, WX minima 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

Change : Information of MAPt and missed approach procedure.

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

RNP RWY 16L

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

RK P518
UNL
GND
5 080 AMSL
1 600 AMSL

RK P518W
UNL
GND

RK R137
5 600 AMSL
SEC

Do not fly north of R 271 YJU

(IAF) BITIM

(SDF) ATKON

(FAF) LNAV ONLY RUMRI

(SDF) LNAV ONLY PH002

(MAHF) LNAV ONLY RW16L THR

(MAHF) DH993

(MAHF) DH989

MAX SPD 180 kt IAS

**MAX ALT 4000
MIN ALT 3000
1 MIN**

MOA HTA 2
1 500 AMSL
SEC

MOA HTA 1
1 000 AMSL
SEC

WARNING
Avoid penetration of RK P518

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.

SCALE 1: 400000

0 5 10 km

0 5 NM

**ELEVATIONS
TRIT
LEGEND**

3500
3000
2500
2000
1500
1000
500
Sea Level
**ELEVATIONS
ARE IN
FEET**

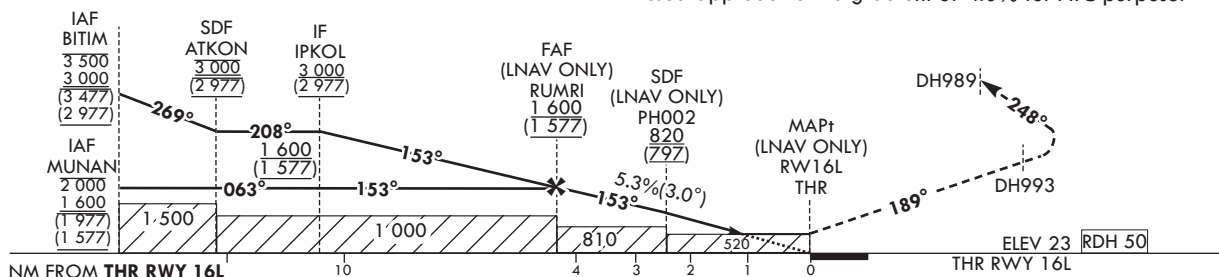
True North

126°0'E
126°10'E
126°20'E
126°30'E
126°40'E

37°40'N
37°30'N
37°20'N
37°10'N
37°0'N

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

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 (497)	1 500 m			Rate of descent	V/V fpm	324	486	648	810	972	
		ALS INOP		2 300 m										
	LNAV/VNAV	FULL	430 (407)	1 200 m			* Timing Not authorized for defining MAPt. * Circling Not authorized.							
		ALS INOP		1 900 m										

AIRAC AIP AMDT 13/23
Effective : 1600UTC 24 JAN 2024

SEOUL/Incheon Intl(RKSI)
RNP RWY 16L

AERONAUTICAL DATA TABULATION

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°28'22.1"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°28'22.1"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)

Change : Information of missed approach procedure.

**INSTRUMENT
APPROACH
CHART-ICAO**

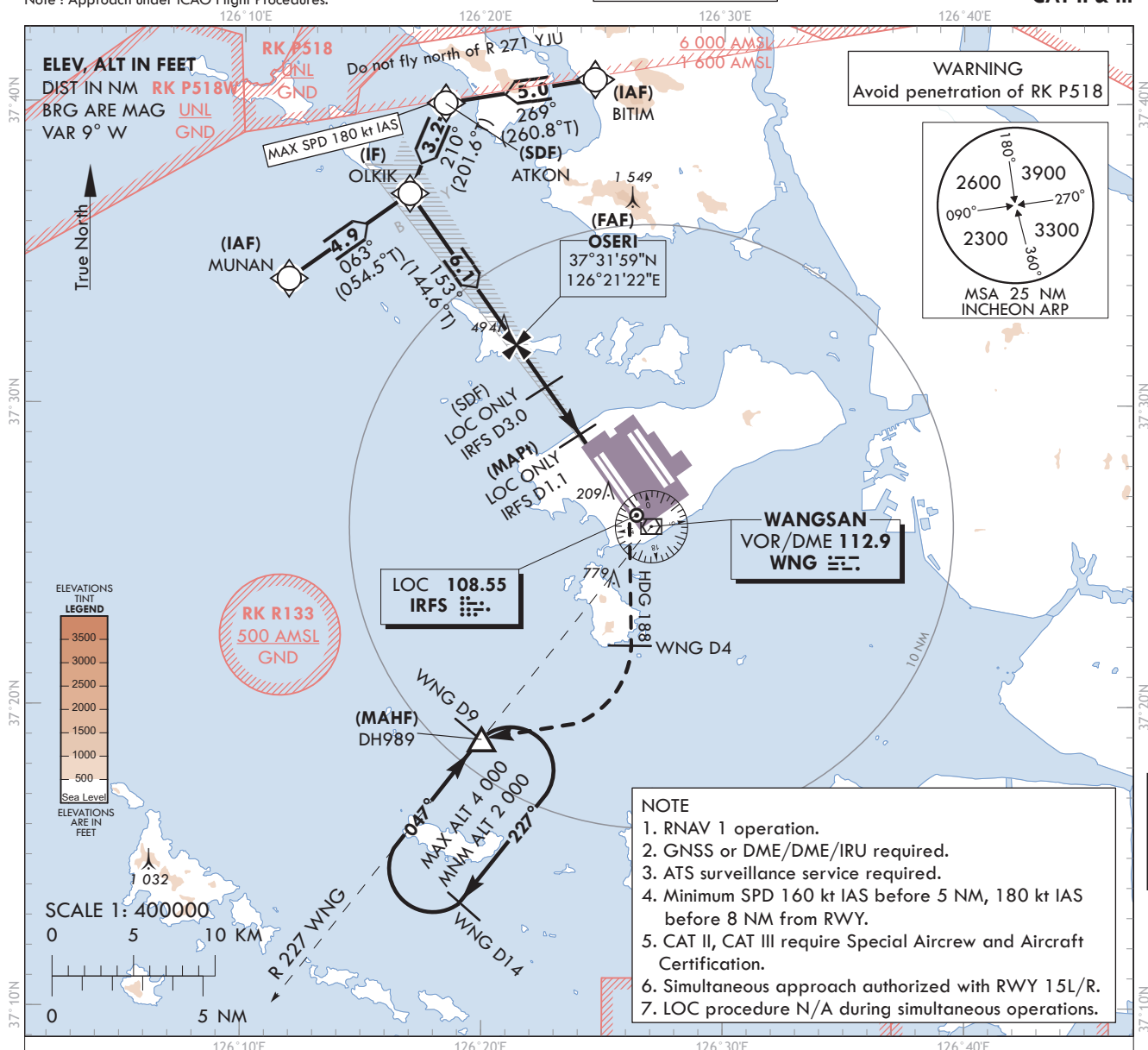
Note : Approach under ICAO Flight Procedures.

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



TRANSITION ALT 14 000
TRANSITION LVL FL 140

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

Diagram illustrating the approach profile for Runway 16R, showing altitudes, distances, and key points (IAF, SDF, FAF, MAPt, RA, WNG, DH).

Key altitudes and distances:

- IAF BITIM: 3500 ft
- IAF MUNAN: 2000 ft
- SDF ATKON: 3000 ft
- IF OLKIK: 3000 ft
- FAF OSERI: 1600 ft
- SDF LOC ONLY: 990 ft
- MAPt: 1005 ft
- RA 105
- WNG 4 DME: 1005 ft
- DH989: 989 ft

Distances from THR RWY 16R:

- 10 NM
- 5 NM
- 4 NM
- 3 NM
- 2 NM
- 1 NM
- 0 NM (THR RWY 16R)

Angles and Gradients:

- 269°
- 210°
- 153°
- 063°
- 153°
- GP 3.0°
- Hdg 188

Other labels: NM FROM THR RWY 16R, ELEV 23, RDH 55.

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.

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

1) For CAT D aeroplane conducting an autoland.

2) Aeroplane use Fail-operational system.

Change : Information of missed approach procedure, WX minima 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	
OSER(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

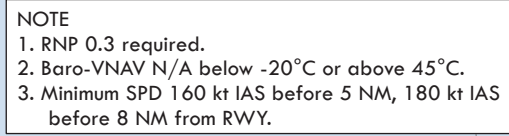
Change : Information of missed approach procedure.

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

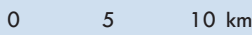
SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

RNP RWY 16R

Note : Approach under ICAO Flight Procedures.



SCALE 1: 400000



0 5 NM

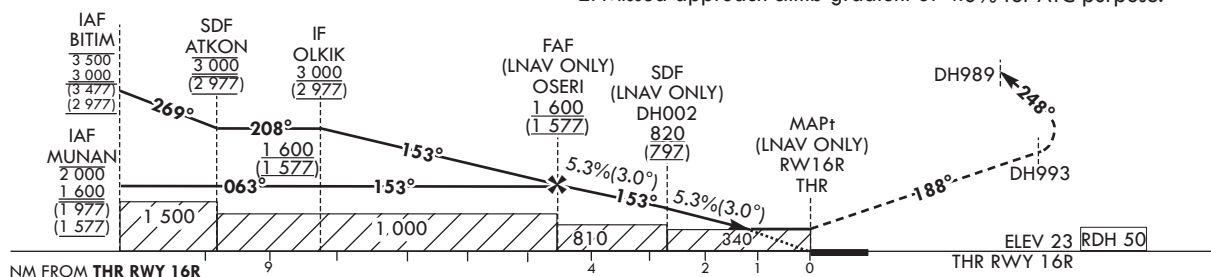
TRANSITION ALT 14 000
TRANSITION LVL FL 140

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. * Circling Not authorized.						
		ALS INOP	(407)	1 900 m										

Change : Information of missed approach procedure, ALT restriction and note.

SEOUL/Incheon Intl(RKSI)
RNP RWY 16R

AERONAUTICAL DATA TABULATION

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°28'07.7"N 126°24'48.1"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°28'07.7"N 126°24'48.1"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)

Change : Information of missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

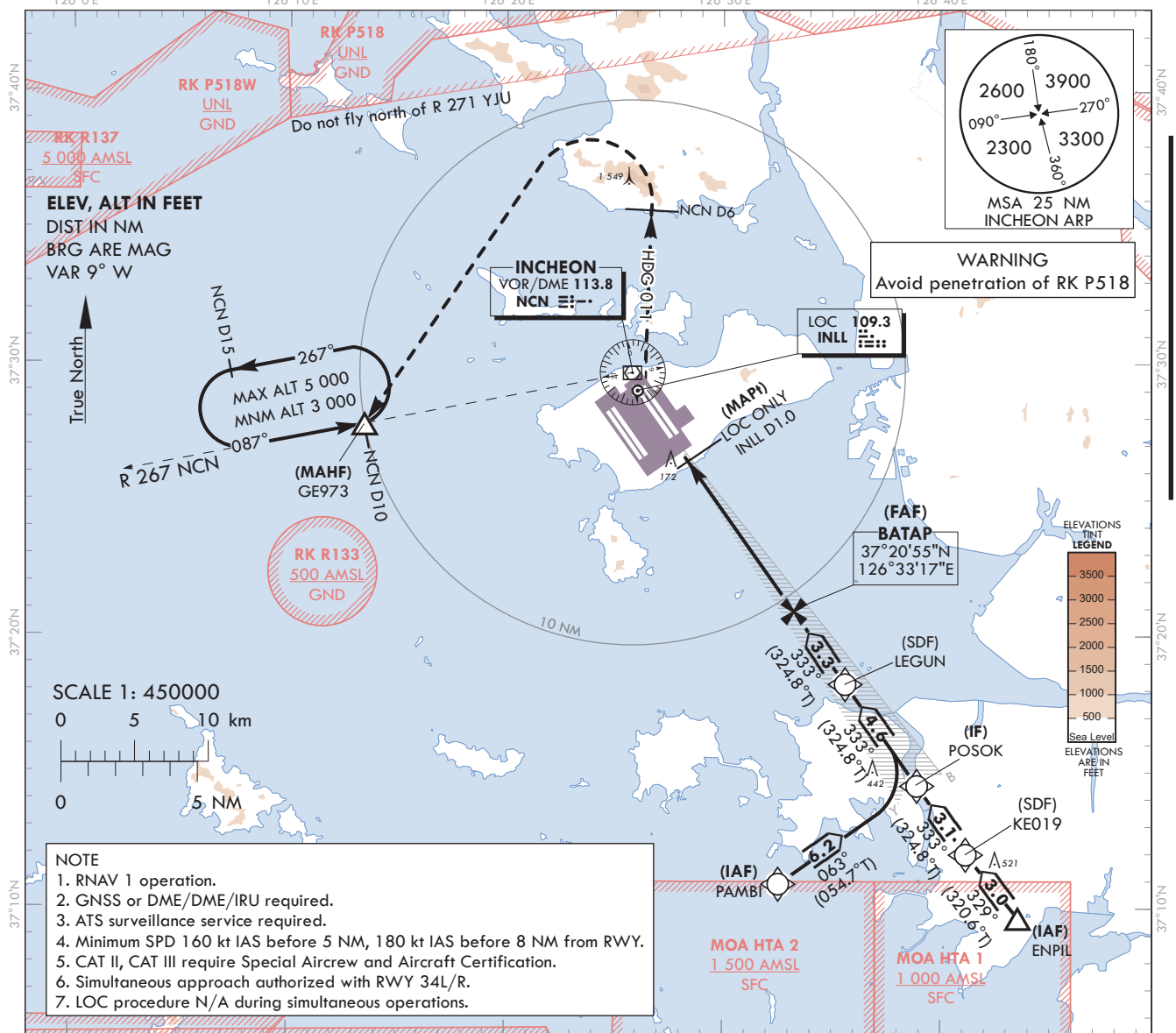
Note : Approach under ICAO Flight Procedures.

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

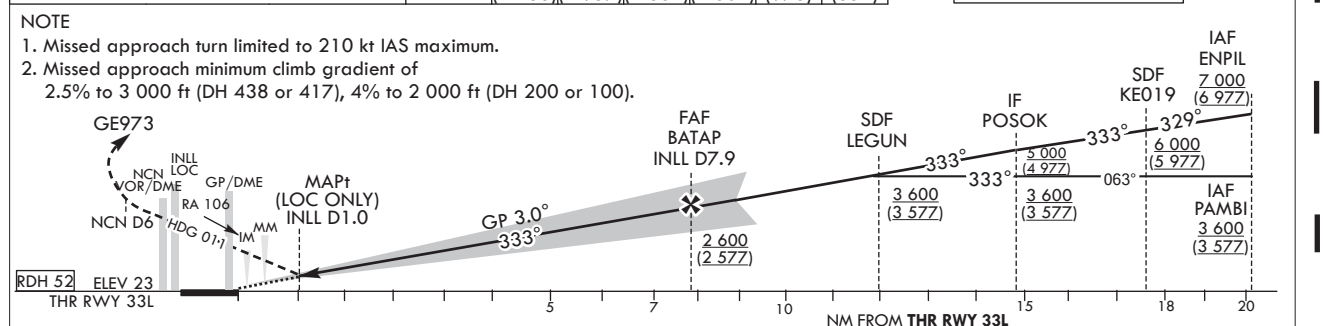
SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 33L
CAT II & III



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)



CATEGORY				DA(DH)/ MDA(MDH)	A	B	C	D	MISSED APPROACH
Straight-in	CAT-I (CG 2.5%)	FULL	461	1 300 m				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. 1) For CAT D aeroplane conducting an autoland. 2) Aeroplane use Fail-operational system. *Timing Not authorized for defining MAPt. *Circling Not authorized.	
		ALS INOP	(438)	2 000 m					
	CAT-I (CG 4.0%)	FULL	223	RVR 550 m, VIS 800 m					
		ALS INOP	(200)	1 200 m					
	LOC	FULL	440	1 200 m					
		ALS INOP	(417)	1 900 m					
	CAT II		123(100)	300 m		300 m ¹⁾ / 350 m			
	CAT III		-	75 m ²⁾ / 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.

- 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 missed approach procedure, recommended profile and note.

SEOUL/Incheon Intl(RKSJ)
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

Change : Information of FAF, MAPt and missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

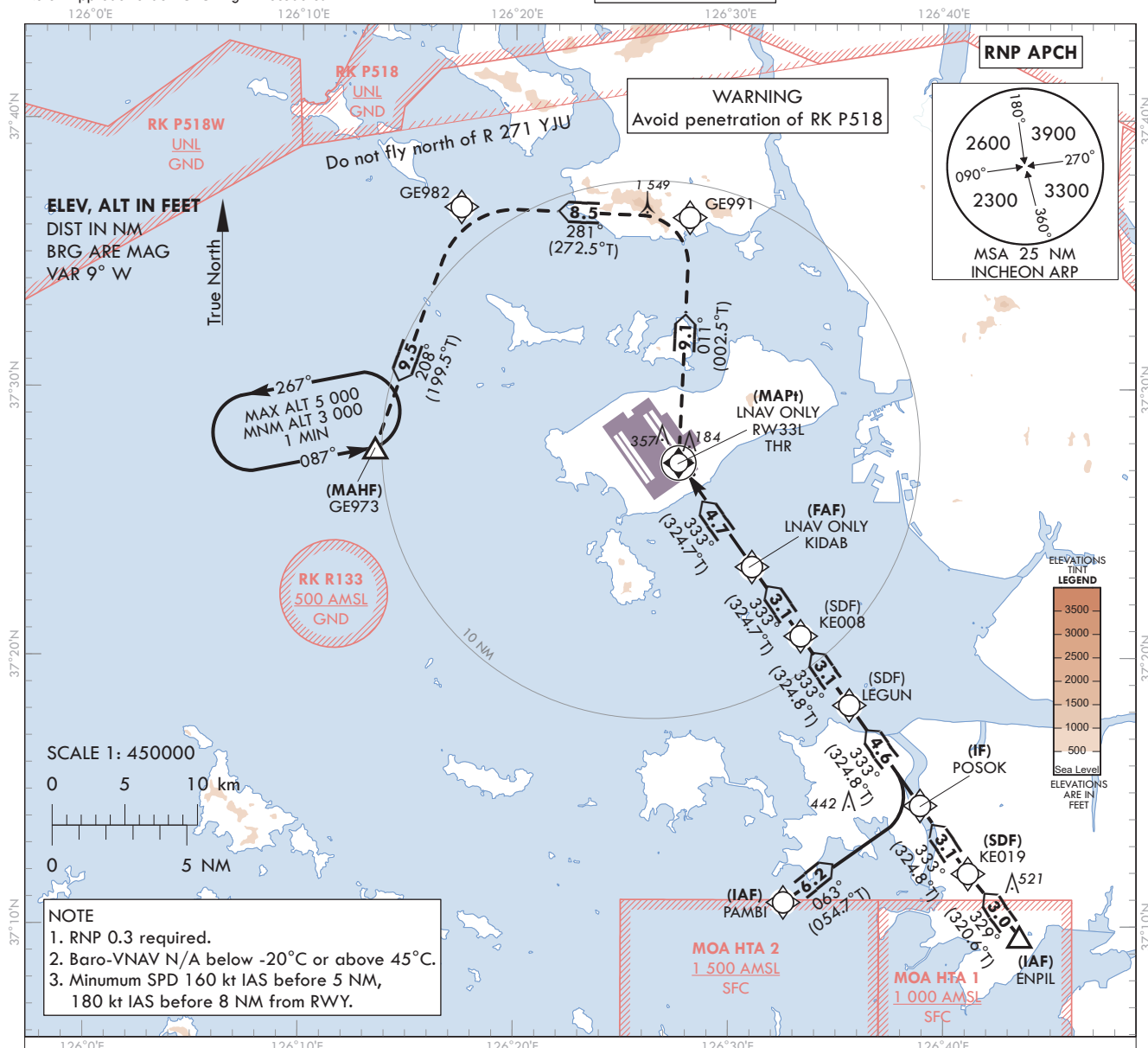
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33L - ELEV 23 ft

SEOUL APP	119.75
INCHEON TWR	121.35
	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

RNP RWY 33L

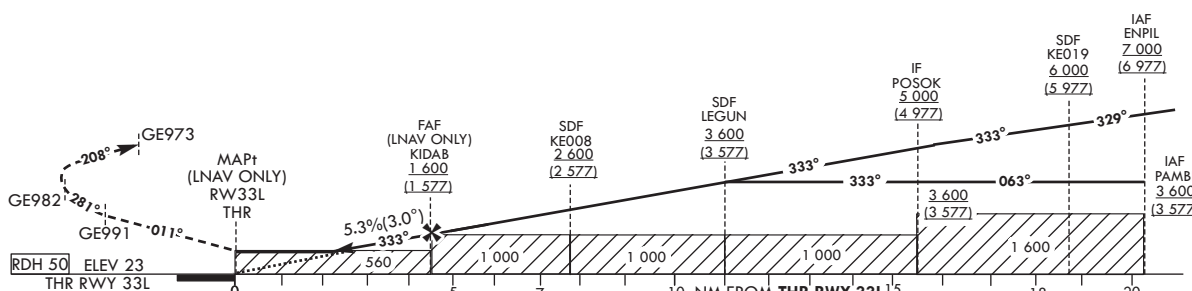
Note : Approach under ICAO Flight Procedures.



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											

Change : Information of missed approach procedure, WX minima and Withdrawal of note.

OFFICE OF CIVIL AVIATION

AIRAC AIP AMDT 13/23
Effective : 1600UTC 24 JAN 2024

SEOUL/Incheon Intl(RKSI)
RNP RWY 33L

AERONAUTICAL DATA TABULATION

Instrument Approach Procedure Coding Tables

RNP RWY 33L - via PAMBI(IAF) to GE978(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 GE978(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)

Change : Information of missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

Note : Approach under ICAO Flight Procedures.

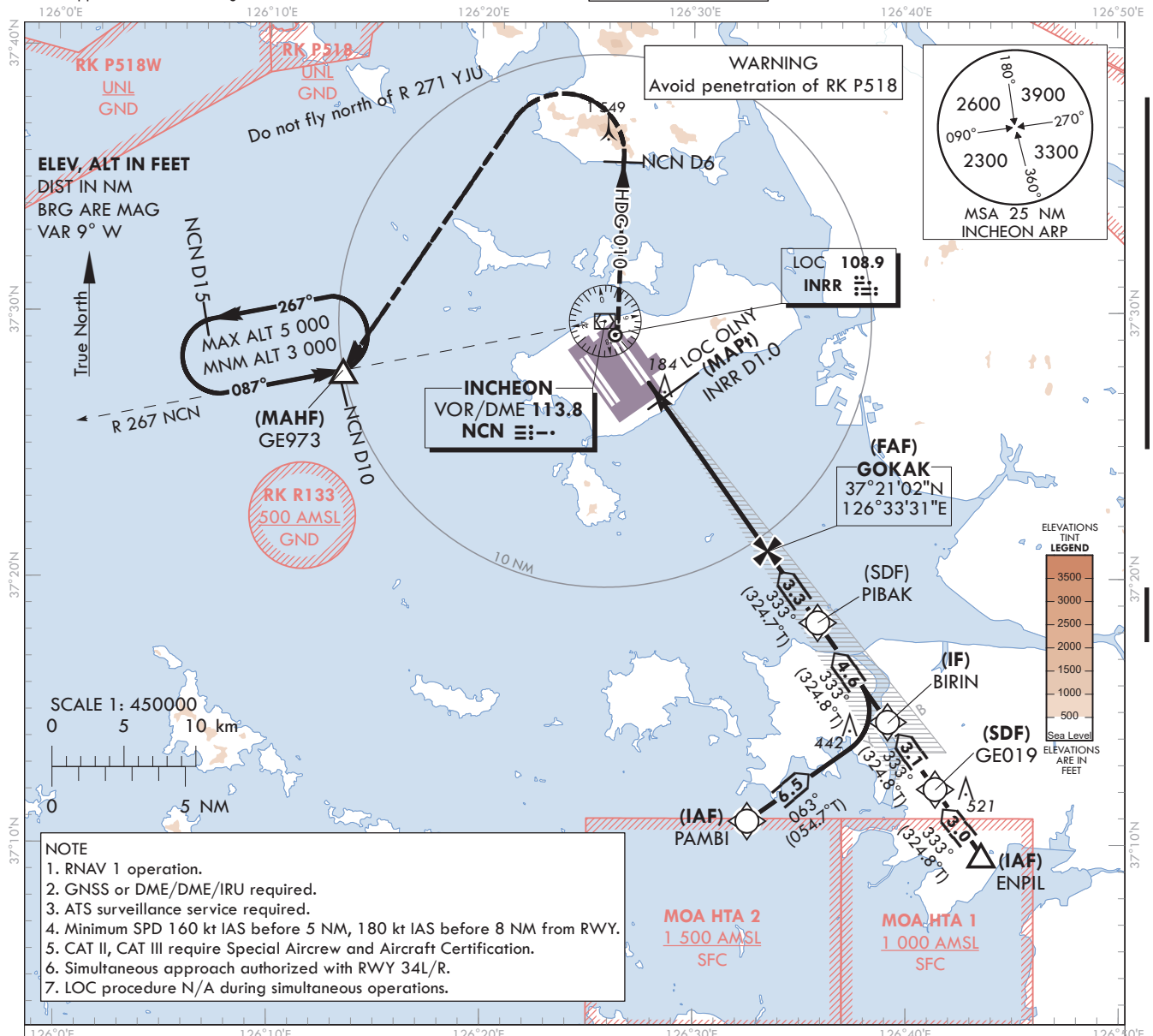
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33R - ELEV 23 ft

SEOUL APP	119.75
	121.35
INCHEON TWR	118.2
	118.8

SEOUL/Incheon Intl(RKSI)

ILS or LOC RWY 33R

CAT II & III

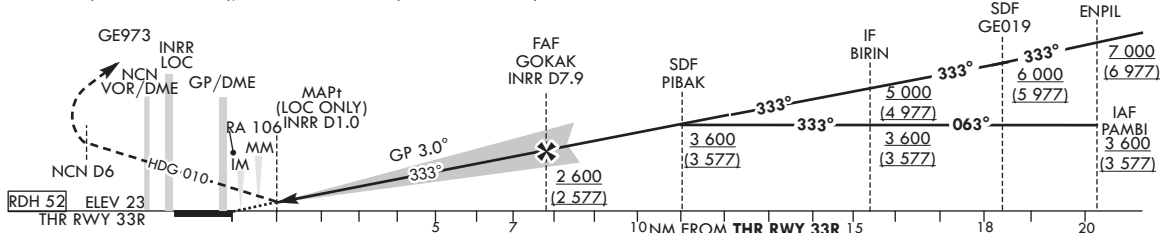


RECOMMENDED PROFILE(LOC ONLY)		DME INRR	7	6	5	4	3	2
Final Approach Gradient 5.37%, 326 ft/NM		ALT(HGT)	2 306 (2 283)	1 980 (1 957)	1 654 (1 631)	1 327 (1 304)	1 001 (978)	675 (652)

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 (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	461	1 300 m			
		ALS INOP	(438)	2 000 m			
	CAT-I (CG 4.0%)	FULL	223	RVR 550 m, VIS 800 m			
		ALS INOP	(200)	1 200 m			
	LOC	FULL	440	1 200 m			
		ALS INOP	(417)	1 900 m			
	CAT II		123(100)	300 m			300 m ¹⁾ / 350 m
	CAT III			75 m ²⁾ / 125 m			

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.

- 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 missed approach procedure, track for FAF, recommended profile 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

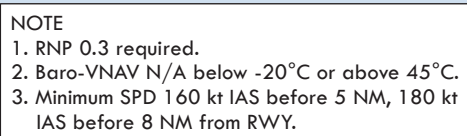
ILS/LOC Approach to RWY 33R from BIRIN(IF) to MAHF		
Fix / Point	Coordinates	
PIBAK(SDF)	37°18'22.2"N	126°35'52.3"E
GOKAK(FAF)	BRG 333.28°/7.92 NM INRR	37°21'02.4"N 126°33'30.5"E
D1.0 INRR (MAPt LOC ONLY)	BRG 333.28°/1.00 NM INRR	37°26'41.9"N 126°28'29.3"E
THR RWY 33R	37°27'22.97"N	126°27'52.82"E
INRR 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

Change : Information of FAF, MAPt and missed approach procedure.

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

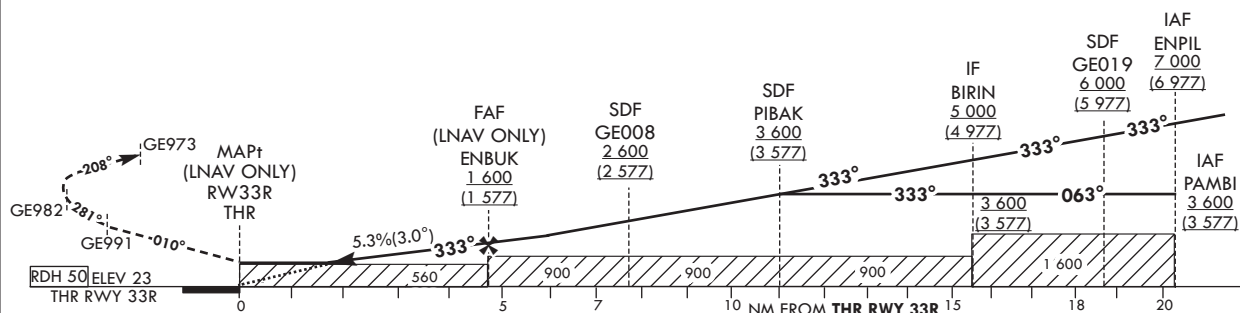
SEOUL	APP	119.75
		121.35
INCHEON	TWR	118.2
		118.8

RNP RWY 33R



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

TRANSITION ALT 14 000
TRANSITION IVL EL 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										

Change : Information of missed approach procedure, ALT restriction, WX minima and Withdrawal of note.

SEOUL/Incheon Intl(RKSI)
RNP RWY 33R

AERONAUTICAL DATA TABULATION

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	-	+510	-	37°27'22.9"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	-	+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 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	-	+510	-	37°27'22.9"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	-	+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 : Information of missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

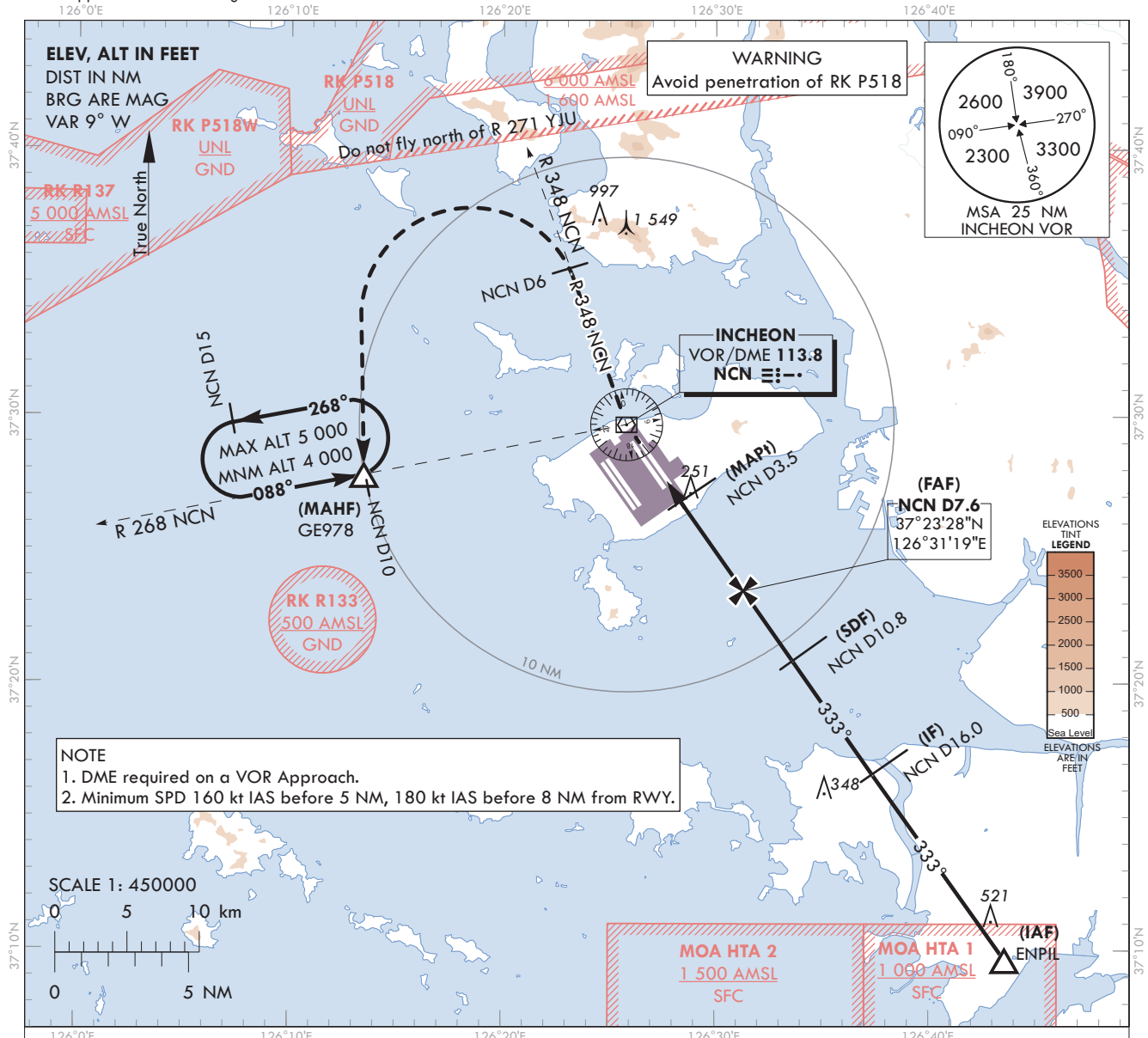
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 33R - ELEV 23 ft

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)

VOR RWY 33R

Note : Approach under ICAO Flight Procedures.



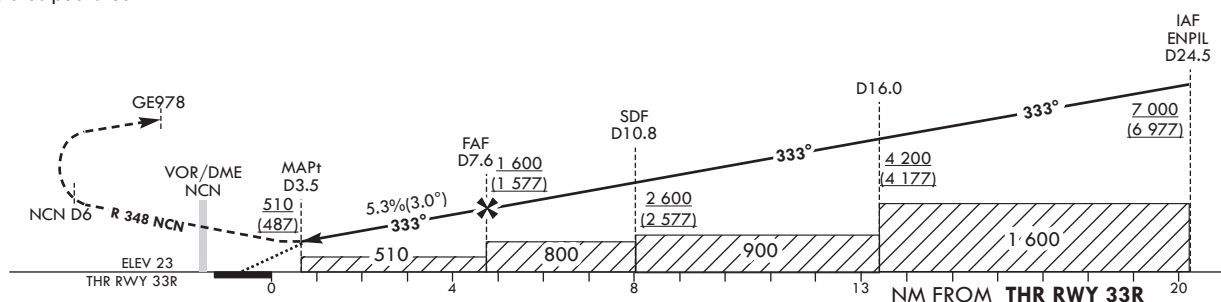
NOTE
1. DME required on a VOR Approach.
2. Minimum SPD 160 kt IAS before 5 NM, 180 kt IAS before 8 NM from RWY.

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 GE978.
Hold as published.



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

Change : Improved clarity such as terrain.

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
GE978	BRG 267.72°/10.00 NM NCN	37°27'47.0"N	126°13'29.0"E

**INSTRUMENT
APPROACH
CHART - ICAO**

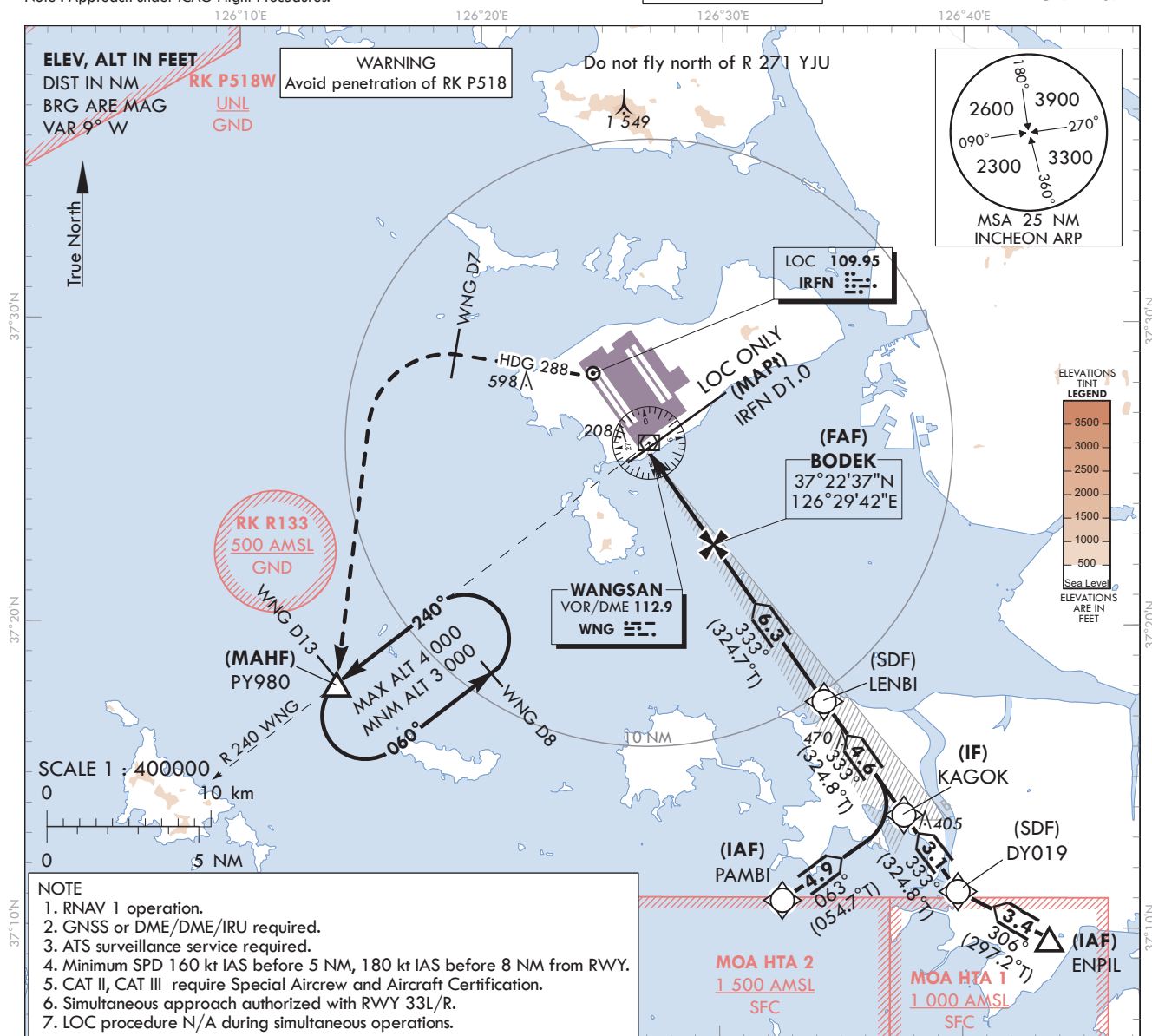
Note : Approach under ICAO Flight Procedures.

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

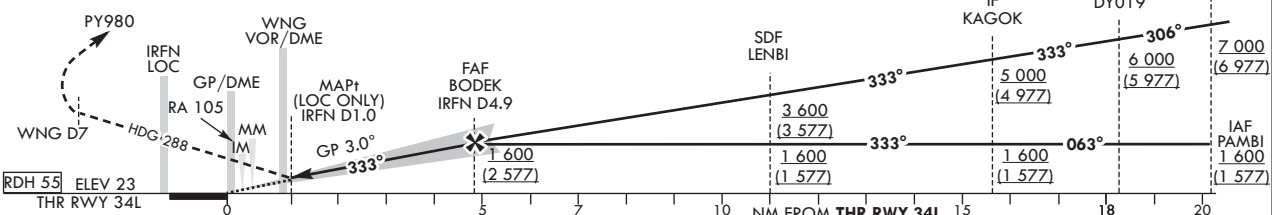


RECOMMENDED PROFILE(LOC ONLY)	DME IRFN	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 310 (1 287)	988 (965)	666 (643)

TRANSITION ALT 14 000
TRANSITION LVL FL 140

NOTE

- Missed approach turn limited to 210 kt IAS maximum.
- Missed approach minimum climb gradient of 2.5% to 3 000 ft (DH 337 or 387), 4% to 2 000 ft (DH 200 or 100).



CATEGORY			DA(DH)/MDA(MDH)	A	B	C	D	MISSED APPROACH
Straight-in	CAT-I	FULL	360 (337)		800 m			
	(CG 2.5%)	ALS INOP			1 500 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	FULL	223 (200)		RVR 550 m, VIS 800 m			
	(CG 4.0%)	ALS INOP			1 200 m			1) For CAT D aeroplane conducting on autoland. 2) Aeroplane use Fail-operational system.
	LOC	FULL	410 (387)		1 100 m			
		ALS INOP			1 800 m			* Timing Not authorized for defining the MAPt. * Circling Not authorized.
CAT II			123(100)		300 m		300 m ¹⁾ / 350 m	
CAT III			-		75 m ²⁾ / 125 m			

Change : Information of missed approach procedure.

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

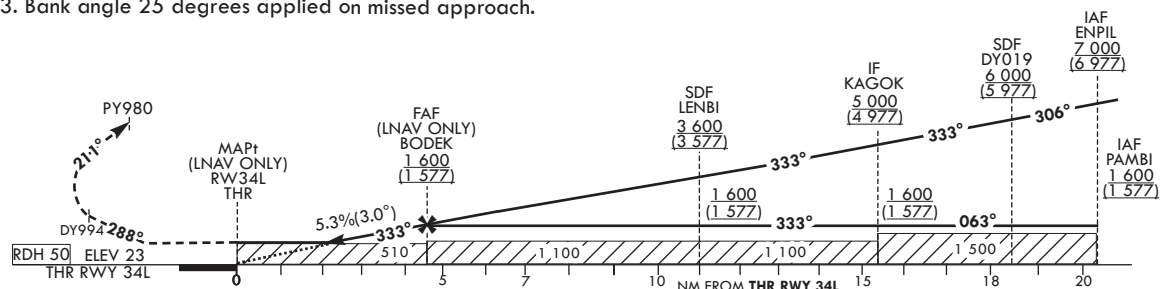
ILS/LOC Approach to RWY 34L from ENPIL to KAGOK(IF)		
Fix / Point	Coordinates	
ENPIL(IAF)	37°09'39.0"N	126°43'34.0"E
DY019(SDF)	37°11'12.0"N	126°39'48.0"E
KAGOK(IF)	37°13'43.8"N	126°37'34.2"E

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

Change : Information of missed approach procedure.

RNP RWY 34L

126°10'E



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

Change : Information of missed approach procedure and note.				

SEOUL/Incheon Intl(RKSI)
RNP RWY 34L

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)

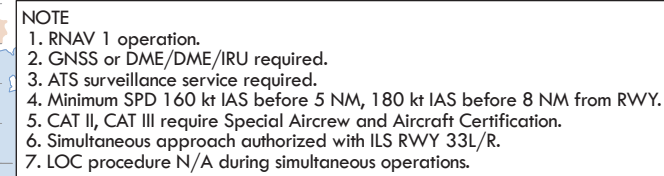
Change : Information of missed approach procedure.

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

ILS or LOC RWY 34R
CAT II & III

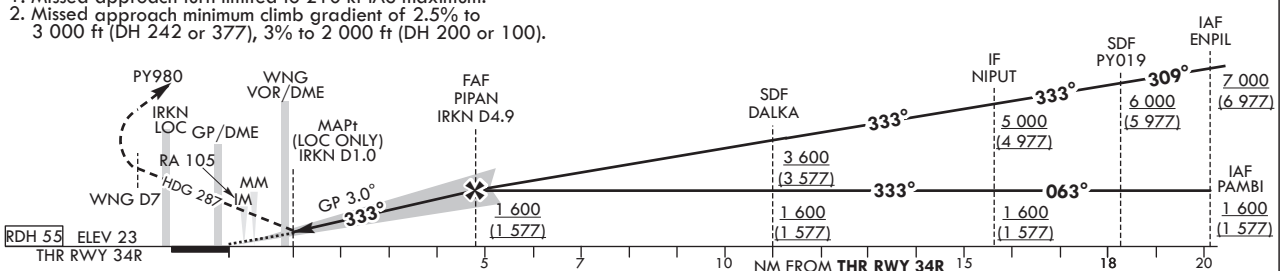


RECOMMENDED PROFILE(LOC ONLY)	DME IRKN	4	3	2
Final Approach Gradient 5.30%, 322 ft/NM	ALT(HGT)	1 310 (1 287)	988 (965)	666 (643)

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 242 or 377), 3% 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		1 300 m			
	CAT-I (CG 3.0%)	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 ¹⁾ / 350 m
	CAT III		-	75 m ²⁾ / 125 m			

MISSED APPROACH
 Fly RWY heading, climb to 3 000 ft. At 500 ft, turn left heading 280. 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 missed approach procedure, recommended profile and WX minima.

SEOUL/Incheon Intl(RKSJ)
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

Change : Information of missed approach procedure.

**INSTRUMENT
APPROACH
CHART - ICAO**

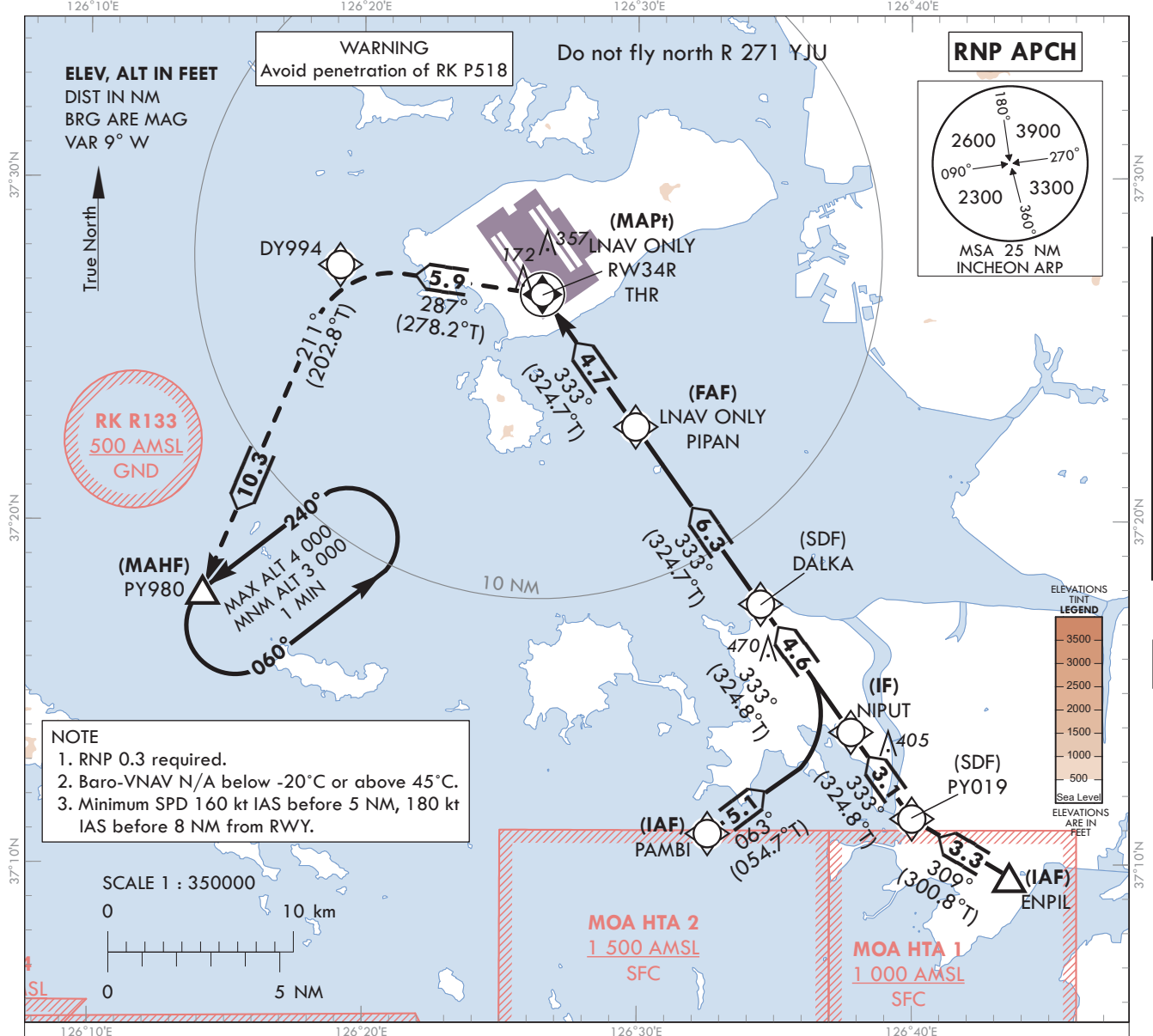
AERODROME ELEV 23 ft
HEIGHTS RELATED TO
THR RWY 34R - ELEV 23 ft

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.



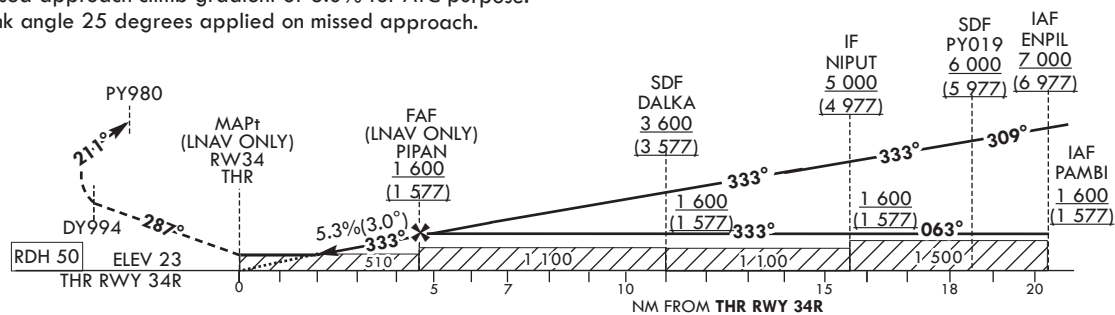
MISSED APPROACH

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.



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

Change : Information of missed approach procedure and note.

SEOUL/Incheon Intl(RKSI)
RNP RWY 34R

AERONAUTICAL DATA TABULATION

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	-
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	-
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 : Information of missed approach procedure.