

**SEOUL/Incheon Intl(RKSI)
RWY 15L
GUKDO 1A, KARBU 1A**

Note: Arrival under ICAO flight procedures.

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

INCHEON
VOR/DME 113.8
NCN ≡≡≡
37°29'42"N
126°25'49"E
100 ft

WANGSAN
VOR/DME 112.9
WNG ≡≡≡
37°25'59"N
126°27'00"E
0 ft

ANYANG
VORTAC 115.5
SEL ≡≡≡
37°24'49"N
126°55'42"E
900 ft

SONGTAN
VORTAC 116.9
SOT ≡≡≡
37°05'40"N
127°01'54"E
100 ft

WARNING
Avoid penetration of RK P518

MSA 25 NM INCHEON VOR

0 10 20 km
0 5 10 NM

1. For profile descent with clearance "Descend via the (STAR name and number) arrival", pilots should commence descent after passing the First Fix/Waypoint of each arrival.
2. If unable to comply with flight restrictions, advise ATC for alternatives.
3. Maximum holding speed is 230 kt IAS at EGOBA, KAKSO, KALMA and GC034, 200 kt IAS at POSEP.

DESIGNATOR	FROM	ROUTE	DESCENT ALTITUDE
GUKDO ONE ALPHA	G585 /Y685	GUKDO - KAKSO - KALMA - SEL - GC034 - POSEP	At or above FL 180 by KAKSO, FL 150 by SEL, 10 000 ft by GC034, and 6 000 ft by POSEP
KALBU ONE ALPHA	G597 /Y697	KALBU - EGOBA - SEL - GC034 - POSEP	At or above FL 170 by EGOBA, FL 150 by SEL, 10 000 ft by GC034, and 6 000 ft by POSEP

AIP AMDT 8/21

SEOUL/Incheon Intl(RKSI)
RWY 15L/R
GUKDO 1A, KARBU 1A

AERONAUTICAL DATA TABULATION

GUKDO 1A

Fix / Point		Coordinates	
GUKDO	R 133/D41 SEL	37°01'10.9"N	127°38'22.9"E
KAKSO	R 133/D30 SEL	37°07'44.6"N	127°26'37.4"E
KALMA	R 133/D11 SEL	37°18'44.9"N	127°06'44.8"E
SEL		37°24'49.0"N	126°55'42.1"E
GC034	R 309/D32 SOT	37°21'51.0"N	126°27'18.0"E
POSEP	R 271/D10 NCN	37°28'21.8"N	126°13'22.0"E

KARBU 1A

Fix / Point		Coordinates	
KARBU	R 087/D36 SEL	37°31'59.0"N	127°39'52.0"E
EGOBA	R 087/D22 SEL	37°29'14.7"N	127°22'45.9"E
SEL		37°24'49.0"N	126°55'42.1"E
GC034	R 309/D32 SOT	37°21'51.0"N	126°27'18.0"E
POSEP	R 271/D10 NCN	37°28'21.8"N	126°13'22.0"E

Change : Information of fix(radial and DIST).

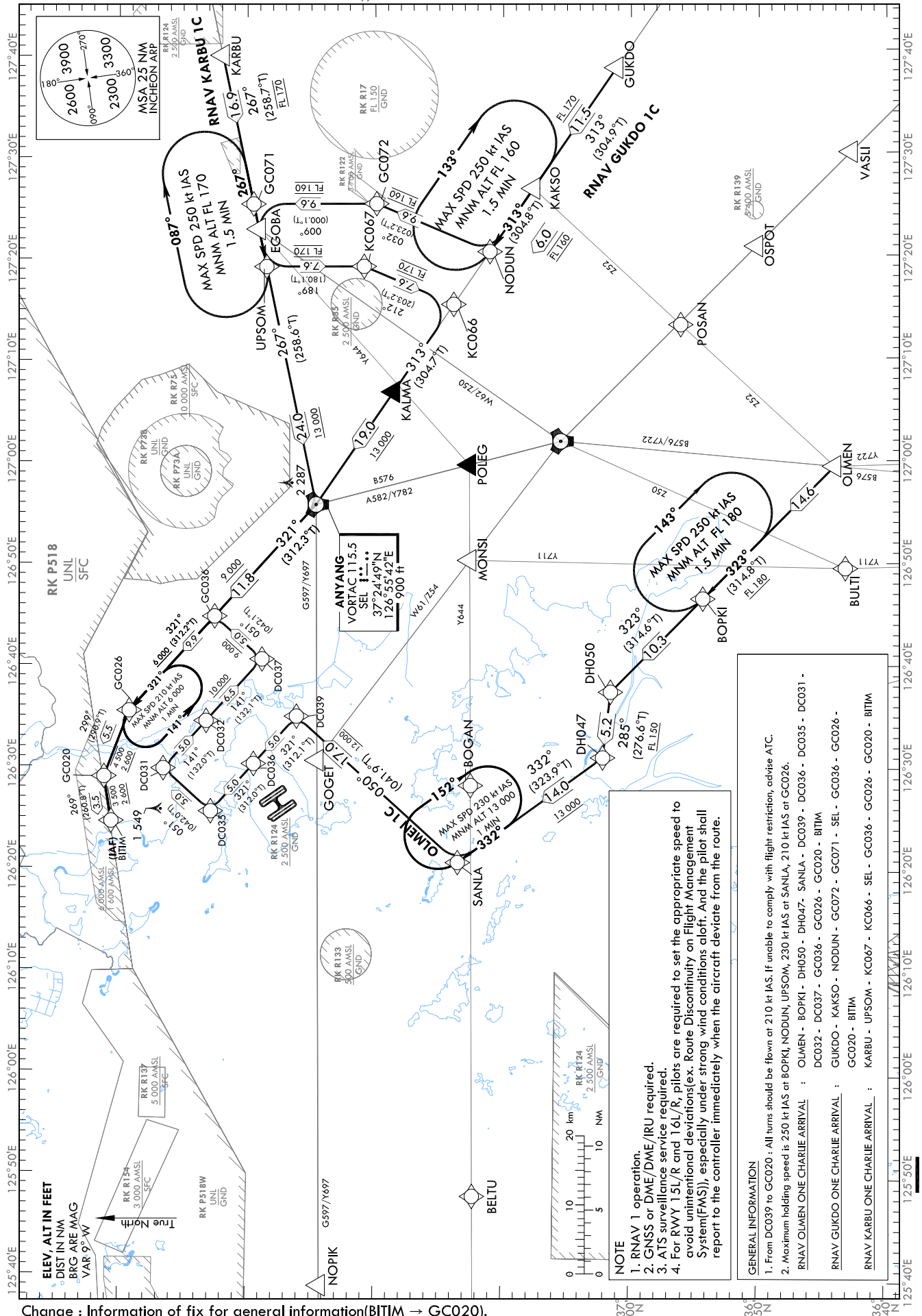
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
INCHEON TWR 118.2
118.8

SEOUL/Incheon Int'l(RKSI)
RWY 15L/R RWY 16L/R
RNAV OLMEN 1C
RNAV GUKDO 1C RNAV KARBU 1C

Note : Arrival under ICAO Flight Procedures.



SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16L/R
RNAV OLMEN 1C, RNAV GUKDO 1C

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV OLMEN 1C

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	OLMEN	-	-	-	-	-	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-
002	TF	BOPKI	-	323 (314.8)	14.6	-	+FL 180	-	36°54'31.8"N 126°46'30.1"E	-	RNAV 1	-
003	TF	DH050	-	323 (314.6)	10.3	-	-	-	37°01'44.4"N 126°37'23.0"E	-	RNAV 1	-
004	TF	DH047	-	285 (276.6)	5.2	-	+FL 150	-	37°02'20.0"N 126°30'58.0"E	-	RNAV 1	-
005	TF	SANLA	-	332 (323.9)	14.0	-	+13 000	-	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
006	TF	DC039	-	050 (041.9)	17.0	-	+12 000	@210	37°26'19.1"N 126°34'55.2"E	-	RNAV 1	-
007	TF	DC036	-	321 (312.1)	5.0	-	-	@210	37°29'40.2"N 126°30'15.4"E	-	RNAV 1	-
008	TF	DC035	-	321 (312.0)	5.0	-	-	@210	37°33'01.2"N 126°25'35.1"E	-	RNAV 1	-
009	TF	DC031	-	051 (042.0)	5.0	-	-	@210	37°36'44.4"N 126°29'47.6"E	-	RNAV 1	-
010	TF	DC032	-	141 (132.0)	5.0	-	-	@210	37°33'23.3"N 126°34'27.9"E	-	RNAV 1	-
011	TF	DC037	-	141 (132.1)	6.5	-	+10 000	@210	37°29'01.6"N 126°40'31.7"E	-	RNAV 1	-
012	TF	GC036	-	051 (042.1)	5.0	-	+9 000	@210	37°32'44.3"N 126°44'44.7"E	-	RNAV 1	-
013	TF	GC026	-	321 (312.2)	9.9	-	+6 000	@210	37°39'24.5"N 126°35'28.2"E	-	RNAV 1	-
014	TF	GC020	-	299 (290.9)	5.5	-	-4 500 +2 600	@210	37°41'22.0"N 126°28'59.8"E	-	RNAV 1	-
015	TF	BITIM	-	269 (260.8)	3.5	-	-3 500 +2 600	-	37°40'48.0"N 126°24'36.1"E	-	RNAV 1	IAF

RNAV GUKDO 1C

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	GUKDO	-	-	-	-	-	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-
002	TF	KAKSO	-	313 (304.9)	11.5	-	+FL 170	-	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	-
003	TF	NODUN	-	313 (304.8)	6.0	-	@FL 160	-	37°11'10.1"N 127°20'27.5"E	-	RNAV 1	-
004	TF	GC072	-	032 (023.2)	9.6	-	@FL 160	-	37°20'01.0"N 127°25'12.2"E	-	RNAV 1	-
005	TF	GC071	-	009 (000.1)	9.6	-	@FL 160	-	37°29'38.5"N 127°25'13.7"E	-	RNAV 1	-
006	TF	SEL	-	267 (258.6)	24.0	-	+13 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
007	TF	GC036	-	321 (312.3)	11.8	-	+9 000	@210	37°32'44.3"N 126°44'44.7"E	-	RNAV 1	-
008	TF	GC026	-	321 (312.2)	9.9	-	+6 000	@210	37°39'24.5"N 126°35'28.2"E	-	RNAV 1	-
009	TF	GC020	-	299 (290.9)	5.5	-	-4 500 +2 600	@210	37°41'22.0"N 126°28'59.8"E	-	RNAV 1	-
010	TF	BITIM	-	269 (260.8)	3.5	-	-3 500 +2 600	-	37°40'48.0"N 126°24'36.1"E	-	RNAV 1	IAF

Change : Withdrawal of speed restriction at BITIM.

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16L/R
RNAV KARBU 1C

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV KARBU 1C												
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	KARBU	-	-	-	-	-	-	37°31'59.0"N 127°39'52.0"E	-	RNAV 1	-
002	TF	UPSOM	-	267 (258.7)	16.9	-	@FL 170	-	37°28'38.8"N 127°19'04.3"E	-	RNAV 1	-
003	TF	KC067	-	189 (180.1)	7.6	-	@FL 170	-	37°21'01.5"N 127°19'03.7"E	-	RNAV 1	-
004	TF	KC066	-	212 (203.2)	7.6	-	@FL 170	-	37°14'01.2"N 127°15'18.8"E	-	RNAV 1	-
005	TF	SEL	-	313 (304.7)	19.0	-	+13 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
006	TF	GC036	-	321 (312.3)	11.8	-	+9 000	@210	37°32'44.3"N 126°44'44.7"E	-	RNAV 1	-
007	TF	GC026	-	321 (312.2)	9.9	-	+6 000	@210	37°39'24.5"N 126°35'28.2"E	-	RNAV 1	-
008	TF	GC020	-	299 (290.9)	5.5	-	-4 500 +2 600	@210	37°41'22.0"N 126°28'59.8"E	-	RNAV 1	-
009	TF	BITIM	-	269 (260.8)	3.5	-	-3 500 +2 600	-	37°40'48.0"N 126°24'36.1"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
RNAV OLMEN 1C	-	BOPKI	Y	323 (314.8)	1.5	R	+FL 180	-250	36°54'31.8"N 126°46'30.1"E	-	RNAV 1	-
RNAV OLMEN 1C	-	SANLA	Y	332 (323.9)	1.0	R	+13 000	-230	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
RNAV GUKDO 1C	-	NODUN	Y	313 (304.8)	1.5	R	+FL 160	-250	37°11'10.1"N 127°20'27.5"E	-	RNAV 1	-
RNAV KARBU 1C	-	UPSOM	Y	267 (258.7)	1.5	R	+FL 170	-250	37°28'38.8"N 127°19'04.3"E	-	RNAV 1	-
RNAV OLMEN 1C RNAV GUKDO 1C RNAV KARBU 1C	-	GC026	Y	321 (312.2)	1.0	L	+6 000	-210	37°39'24.5"N 126°35'28.2"E	-	RNAV 1	-

Change : Withdrawal of speed restriction at BITIM.

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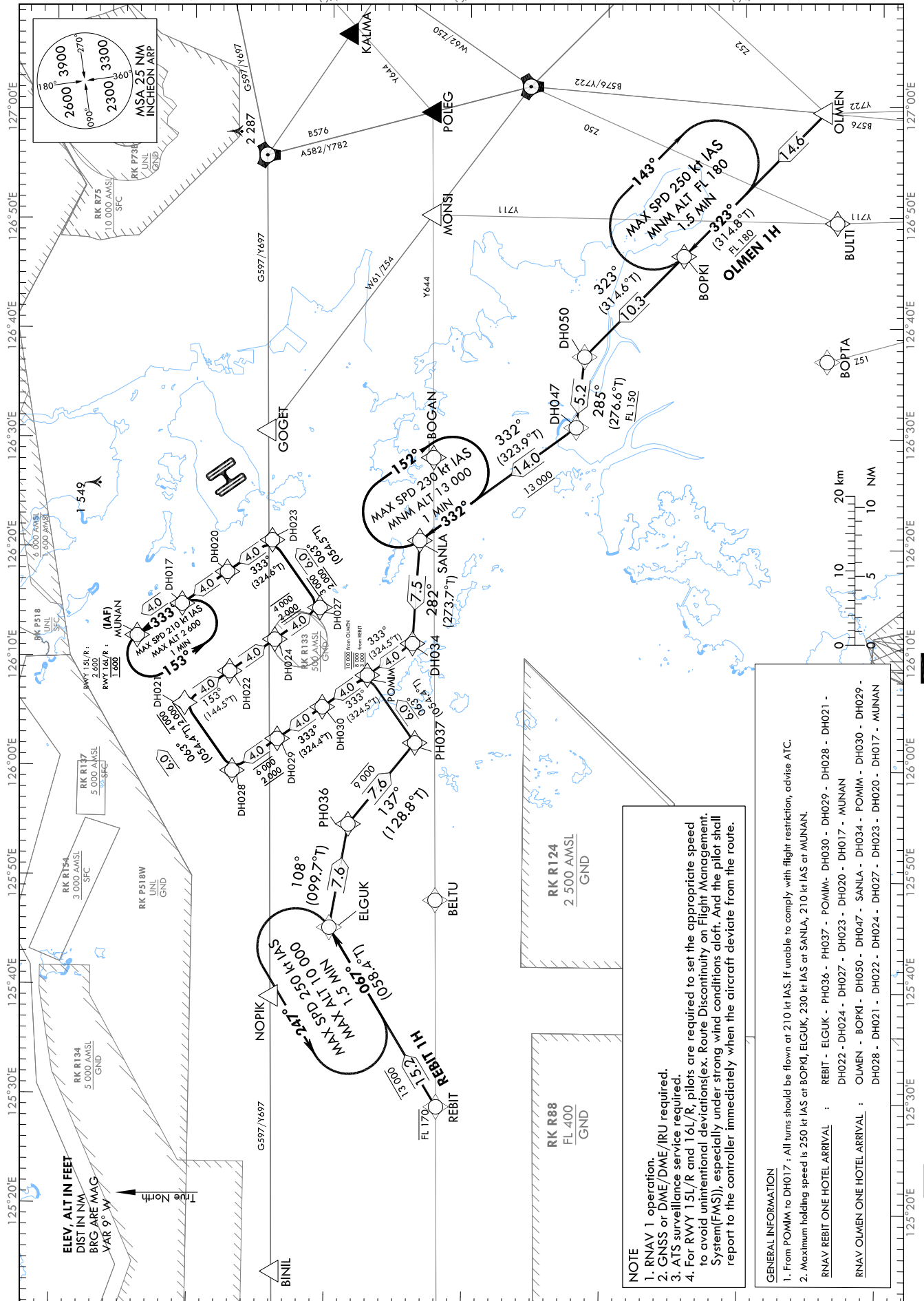
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Int'l(RKSI)
RWY 15L/R RWY 16L/R
RNAV REBIT 1H
RNAV OLMEN 1H

Note : Arrival under ICAO Flight Procedures.



Change : Information of fix for general information(MUNAN → DH017) and ALT restriction at MUNAN.

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16L/R
RNAV REBIT 1H

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 1H												
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	REBIT	-	-	-	-	-FL 170	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	TF	ELGUK	-	067 (058.4)	15.2	-	-13 000	-	37°19'59.4"N 125°45'24.7"E	-	RNAV 1	-
003	TF	PH036	-	108 (099.7)	7.6	-	-	-	37°18'41.6"N 125°54'49.4"E	-	RNAV 1	-
004	TF	PH037	-	137 (128.8)	7.6	-	-9 000	-	37°13'54.3"N 126°02'15.2"E	-	RNAV 1	-
005	TF	POMIM	-	063 (054.4)	6.0	-	-8 000 +3 000	@210	37°17'23.8"N 126°08'22.1"E	-	RNAV 1	-
006	TF	DH030	-	333 (324.5)	4.0	-	-	@210	37°20'39.4"N 126°05'27.2"E	-	RNAV 1	-
007	TF	DH029	-	333 (324.4)	4.0	-	-	@210	37°23'54.8"N 126°02'32.1"E	-	RNAV 1	-
008	TF	DH028	-	333 (324.4)	4.0	-	-6 000 +2 000	@210	37°27'10.2"N 125°59'36.8"E	-	RNAV 1	-
009	TF	DH021	-	063 (054.4)	6.0	-	-4 000 +2 000	@210	37°30'39.9"N 126°03'44.6"E	-	RNAV 1	-
010	TF	DH022	-	153 (144.5)	4.0	-	-	@210	37°27'24.4"N 126°08'39.8"E	-	RNAV 1	-
011	TF	DH024	-	153 (144.5)	4.0	-	-	@210	37°24'08.8"N 126°11'34.8"E	-	RNAV 1	-
012	TF	DH027	-	153 (144.5)	4.0	-	-4 000 +2 000	@210	37°20'53.1"N 126°14'29.5"E	-	RNAV 1	-
013	TF	DH023	-	063 (054.5)	6.0	-	-3 000 +2 000	@210	37°24'22.0"N 126°20'37.5"E	-	RNAV 1	-
014	TF	DH020	-	333 (324.6)	4.0	-	+2 600 for RWY 15 @ 1 600 for RWY 16	@210	37°27'37.8"N 126°17'42.9"E	-	RNAV 1	-
015	TF	DH017	-	333 (324.6)	4.0	-	+2 600 for RWY 15 @ 1 600 for RWY 16	@210	37°30'53.6"N 126°14'48.1"E	-	RNAV 1	-
016	TF	MUNAN	-	333 (324.5)	4.0	-	+2 600 for RWY 15 @ 1 600 for RWY 16	-	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	IAF

Change : Information of ALT restriction at DH020, DH017, MUNAN and Withdrawal of speed restriction at MUNAN.

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16L/R
RNAV OLMEN 1H

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

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	OLMEN	-	-	-	-	-	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-
002	TF	BOPKI	-	323 (314.8)	14.6	-	+FL 180	-	36°54'31.8"N 126°46'30.1"E	-	RNAV 1	-
003	TF	DH050	-	323 (314.6)	10.3	-	-	-	37°01'44.4"N 126°37'23.0"E	-	RNAV 1	-
004	TF	DH047	-	285 (276.6)	5.2	-	+FL 150	-	37°02'20.0"N 126°30'58.0"E	-	RNAV 1	-
005	TF	SANLA	-	332 (323.9)	14.0	-	+13 000	-	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
006	TF	DH034	-	282 (273.7)	7.5	-	-	-	37°14'08.2"N 126°11'16.7"E	-	RNAV 1	-
007	TF	POWIM	-	333 (324.5)	4.0	-	@10 000	@210	37°17'23.8"N 126°08'22.1"E	-	RNAV 1	-
008	TF	DH030	-	333 (324.5)	4.0	-	-	@210	37°20'39.4"N 126°03'27.2"E	-	RNAV 1	-
009	TF	DH029	-	333 (324.4)	4.0	-	-	@210	37°23'54.8"N 126°02'32.1"E	-	RNAV 1	-
010	TF	DH028	-	333 (324.4)	4.0	-	-6 000 +2 000	@210	37°27'10.2"N 125°59'36.8"E	-	RNAV 1	-
011	TF	DH021	-	063 (054.4)	6.0	-	-4 000 +2 000	@210	37°30'39.9"N 126°05'44.6"E	-	RNAV 1	-
012	TF	DH022	-	153 (144.5)	4.0	-	-	@210	37°27'24.4"N 126°08'39.8"E	-	RNAV 1	-
013	TF	DH024	-	153 (144.5)	4.0	-	-	@210	37°24'08.8"N 126°11'34.8"E	-	RNAV 1	-
014	TF	DH027	-	153 (144.5)	4.0	-	-4 000 +2 000	@210	37°20'53.1"N 126°14'29.5"E	-	RNAV 1	-
015	TF	DH023	-	063 (054.5)	6.0	-	-3 000 +2 000	@210	37°24'22.0"N 126°20'37.5"E	-	RNAV 1	-
016	TF	DH020	-	333 (324.6)	4.0	-	+2 000 for RWY 15 @ 1 600 for RWY 16	@210	37°27'37.8"N 126°17'42.9"E	-	RNAV 1	-
017	TF	DH017	-	333 (324.6)	4.0	-	+2 000 for RWY 15 @ 1 600 for RWY 16	@210	37°30'53.6"N 126°14'48.1"E	-	RNAV 1	-
018	TF	MUNAN	-	333 (324.5)	4.0	-	+3 000 for RWY 15 @ 1 600 for RWY 16	-	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNAV REBIT 1H	-	ELGUK	Y	067 (058.4)	1.5	L	-10 000	-250	37°19'59.4"N 125°45'24.7"E	-	RNAV 1	-
RNAV OLMEN 1H	-	BOPKI	Y	323 (314.8)	1.5	R	+FL 180	-250	36°54'31.8"N 126°46'30.1"E	-	RNAV 1	-
RNAV OLMEN 1H	-	SANLA	Y	332 (323.9)	1.0	R	+13 000	-230	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
RNAV REBIT 1H RNAV OLMEN 1H	-	MUNAN	Y	333 (324.5)	1.0	L	-2 600	-210	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	-

Change : Information of ALT restriction at DH020, DH017, MUNAN and Withdrawal of speed restriction at MUNAN.

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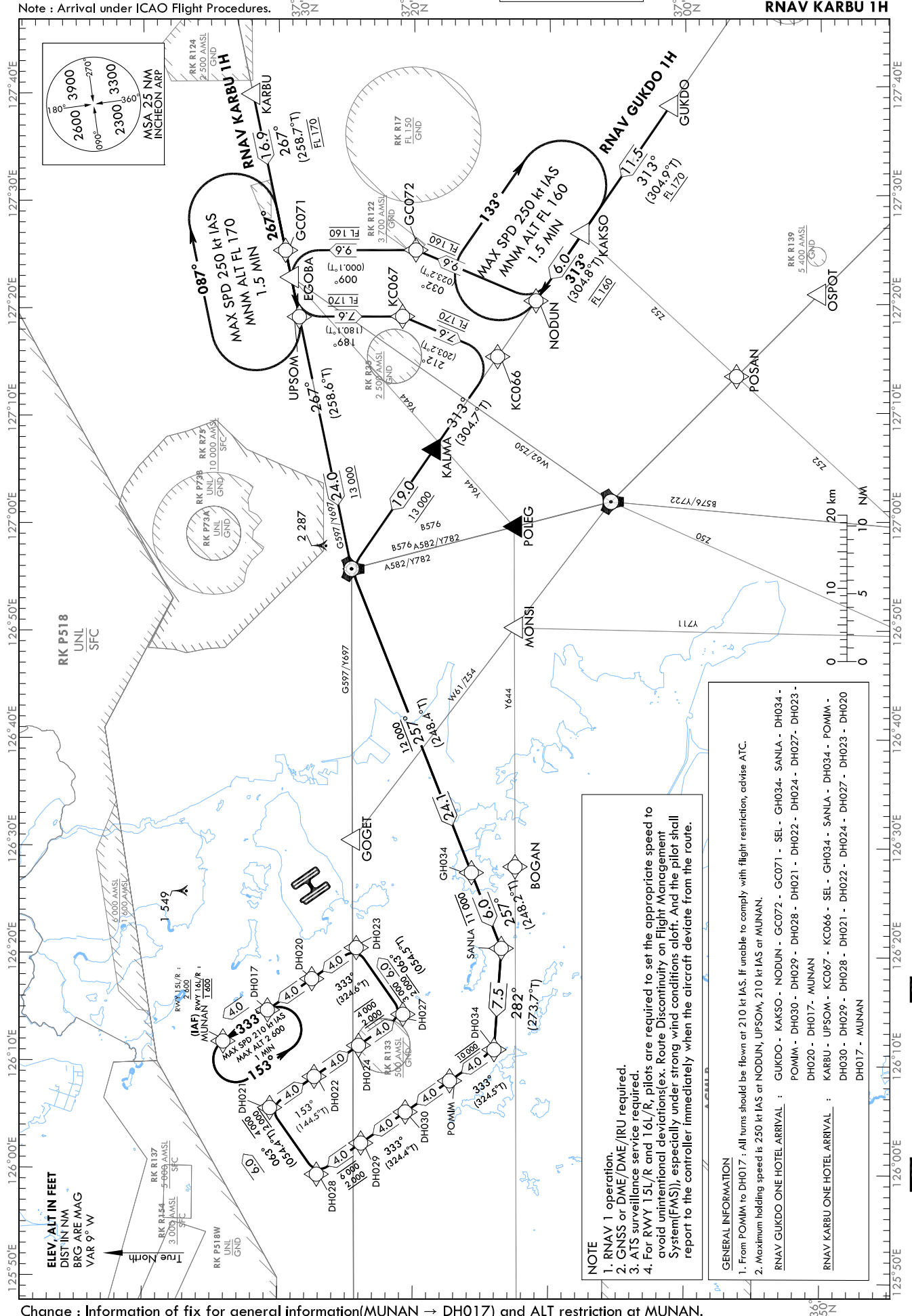
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Int'l(RKSI)
RWY 15L/R RWY 16L/R
RNAV GUKDO 1H
RNAV KARBU 1H

Note : Arrival under ICAO Flight Procedures.



SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16L/R
RNAV GUKDO 1H

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GUKDO 1H												
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	GUKDO	-	-	-	-	-	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-
002	TF	KAKSO	-	313 (304.9)	11.5	-	+FL 170	-	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	-
003	TF	NODUN	-	313 (304.8)	6.0	-	@FL 160	-	37°11'10.1"N 127°20'27.5"E	-	RNAV 1	-
004	TF	GC072	-	032 (023.2)	9.6	-	@FL 160	-	37°20'01.0"N 127°25'12.2"E	-	RNAV 1	-
005	TF	GC071	-	009 (000.1)	9.6	-	@FL 160	-	37°29'38.5"N 127°25'13.7"E	-	RNAV 1	-
006	TF	SEL	-	267 (258.6)	24.0	-	+13 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
007	TF	GH034	-	257 (248.4)	24.1	-	+12 000	-	37°15'53.8"N 126°27'37.5"E	-	RNAV 1	-
008	TF	SANLA	-	257 (248.2)	6.0	-	-11 000	-	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
009	TF	DH034	-	282 (273.7)	7.5	-	-	-	37°14'08.2"N 126°11'16.7"E	-	RNAV 1	-
010	TF	POWIM	-	333 (324.5)	4.0	-	@10 000	@210	37°17'23.8"N 126°08'22.1"E	-	RNAV 1	-
011	TF	DH030	-	333 (324.5)	4.0	-	-	@210	37°20'39.4"N 126°05'27.2"E	-	RNAV 1	-
012	TF	DH029	-	333 (324.4)	4.0	-	-	@210	37°23'54.8"N 126°02'32.1"E	-	RNAV 1	-
013	TF	DH028	-	333 (324.4)	4.0	-	-6 000 +2 000	@210	37°27'10.2"N 125°59'36.8"E	-	RNAV 1	-
014	TF	DH021	-	063 (054.4)	6.0	-	-4 000 +2 000	@210	37°30'39.9"N 126°05'44.6"E	-	RNAV 1	-
015	TF	DH022	-	153 (144.5)	4.0	-	-	@210	37°27'24.4"N 126°08'39.8"E	-	RNAV 1	-
016	TF	DH024	-	153 (144.5)	4.0	-	-	@210	37°24'08.8"N 126°11'34.8"E	-	RNAV 1	-
017	TF	DH027	-	153 (144.5)	4.0	-	-4 000 +2 000	@210	37°20'53.1"N 126°14'29.5"E	-	RNAV 1	-
018	TF	DH023	-	063 (054.5)	6.0	-	-3 000 +2 000	@210	37°24'22.0"N 126°20'37.5"E	-	RNAV 1	-
019	TF	DH020	-	333 (324.6)	4.0	-	-2 600 for RWY 15 @1 600 for RWY 16	@210	37°27'37.8"N 126°17'42.9"E	-	RNAV 1	-
020	TF	DH017	-	333 (324.6)	4.0	-	-2 600 for RWY 15 @1 600 for RWY 16	@210	37°30'53.6"N 126°14'48.1"E	-	RNAV 1	-
021	TF	MUNAN	-	333 (324.5)	4.0	-	-2 600 for RWY 15 @1 600 for RWY 16	-	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	IAF

Change : Information of ALT restriction at DH020, DH017, MUNAN and Withdrawal of speed restriction at MUNAN.

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16L/R
RNAV KARBU 1H

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV KARBU 1H												
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	KARBU	-	-	-	-	-	-	37°31'59.0"N 127°39'52.0"E	-	RNAV 1	-
002	TF	UPSOM	-	267 (258.7)	16.9	-	@FL 170	-	37°28'38.8"N 127°19'04.3"E	-	RNAV 1	-
003	TF	KC067	-	189 (180.1)	7.6	-	@FL 170	-	37°21'01.5"N 127°19'03.7"E	-	RNAV 1	-
004	TF	KC066	-	212 (203.2)	7.6	-	@FL 170	-	37°14'01.2"N 127°15'18.8"E	-	RNAV 1	-
005	TF	SEL	-	313 (304.7)	19.0	-	+13 000	-	37°24'49.0"N 126°55'42.1"E	-	RNAV 1	-
006	TF	GH034	-	257 (248.4)	24.1	-	+12 000	-	37°15'53.8"N 126°27'37.5"E	-	RNAV 1	-
007	TF	SANLA	-	257 (248.2)	6.0	-	-11 000	-	37°13'39.5"N 126°20'39.0"E	-	RNAV 1	-
008	TF	DH034	-	282 (273.7)	7.5	-	-	-	37°14'08.2"N 126°11'16.7"E	-	RNAV 1	-
009	TF	POMIM	-	333 (324.5)	4.0	-	@10 000	@210	37°17'23.8"N 126°08'22.1"E	-	RNAV 1	-
010	TF	DH030	-	333 (324.5)	4.0	-	-	@210	37°20'39.4"N 126°03'27.2"E	-	RNAV 1	-
011	TF	DH029	-	333 (324.4)	4.0	-	-	@210	37°23'54.8"N 126°02'32.1"E	-	RNAV 1	-
012	TF	DH028	-	333 (324.4)	4.0	-	-6 000 +2 000	@210	37°27'10.2"N 125°59'36.8"E	-	RNAV 1	-
013	TF	DH021	-	063 (054.4)	6.0	-	-4 000 +2 000	@210	37°30'39.9"N 126°05'44.6"E	-	RNAV 1	-
014	TF	DH022	-	153 (144.5)	4.0	-	-	@210	37°27'24.4"N 126°08'39.8"E	-	RNAV 1	-
015	TF	DH024	-	153 (144.5)	4.0	-	-	@210	37°24'08.8"N 126°11'34.8"E	-	RNAV 1	-
016	TF	DH027	-	153 (144.5)	4.0	-	-4 000 +2 000	@210	37°20'53.1"N 126°14'29.5"E	-	RNAV 1	-
017	TF	DH023	-	063 (054.5)	6.0	-	-3 000 +2 000	@210	37°24'22.0"N 126°20'37.5"E	-	RNAV 1	-
018	TF	DH020	-	333 (324.6)	4.0	-	+2 600 for RWY 15 +2 600 for RWY 16	@210	37°27'37.8"N 126°17'42.9"E	-	RNAV 1	-
019	TF	DH017	-	333 (324.6)	4.0	-	+2 600 for RWY 15 +2 600 for RWY 16	@210	37°30'53.6"N 126°14'48.1"E	-	RNAV 1	-
020	TF	MUNAN	-	333 (324.5)	4.0	-	+2 600 for RWY 15 +2 600 for RWY 16	-	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ RDH	Navigation specification	Remarks
RNAV GUKDO 1H	-	NODUN	Y	313 (304.8)	1.5	R	+FL 160	-250	37°11'10.1"N 127°20'27.5"E	-	RNAV 1	-
RNAV KARBU 1H	-	UPSOM	Y	267 (258.7)	1.5	R	+FL 170	-250	37°28'38.8"N 127°19'04.3"E	-	RNAV 1	-
RNAV GUKDO 1H RNAV KARBU 1H	-	MUNAN	Y	333 (324.5)	1.0	L	-2 600	-210	37°34'09.3"N 126°11'53.0"E	-	RNAV 1	-

Change : Information of ALT restriction at DH020, DH017, MUNAN and Withdrawal of speed restriction at MUNAN.

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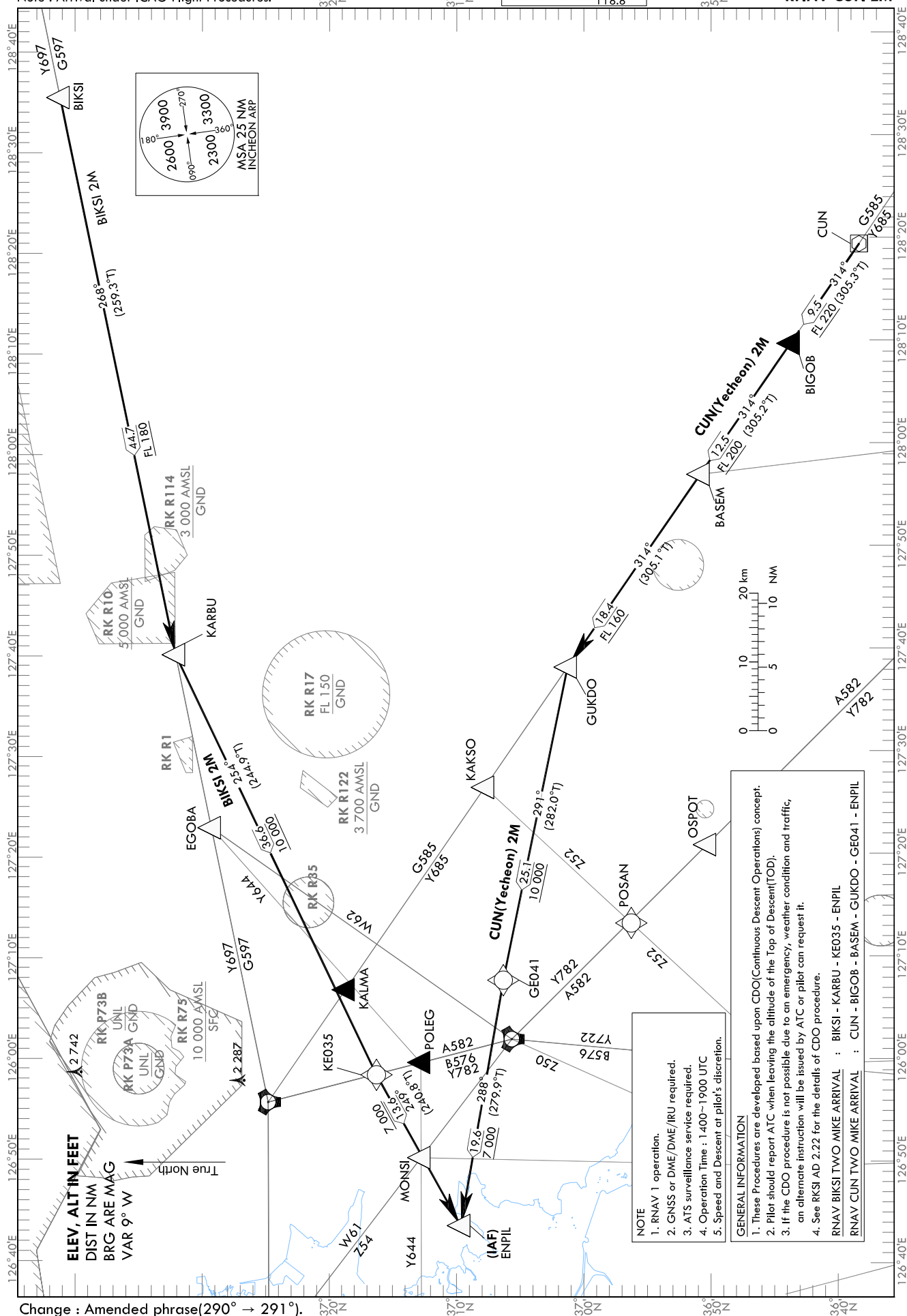
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

DAEGU ACC 134.175
SEoul APP 120.575
SEoul APP 119.75
INCHEON TWR 121.35
INCHEON TWR 118.2
INCHEON TWR 118.8

SEOUL/Incheon Int'l(RKSI)
RWY 33L/R RWY 34L/R
RNAV BIKSI 2M
RNAV CUN 2M

Note : Arrival under ICAO Flight Procedures.



SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV BIKSI 2M, RNAV CUN 2M

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV BIKSI 2M

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	BIKSI	-	-	-	-	-	-	37°40'32.0"N 128°35'04.0"E	-	RNAV 1	-
002	TF	KARBU	-	268 (259.3)	44.7	-	+FL 180	-	37°31'59.0"N 127°39'52.0"E	-	RNAV 1	-
003	TF	KE035	-	254 (244.9)	36.6	-	+10 000	-	37°16'18.0"N 126°58'23.2"E	-	RNAV 1	-
004	TF	ENPIL	-	249 (240.8)	13.6	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

RNAV CUN 2M

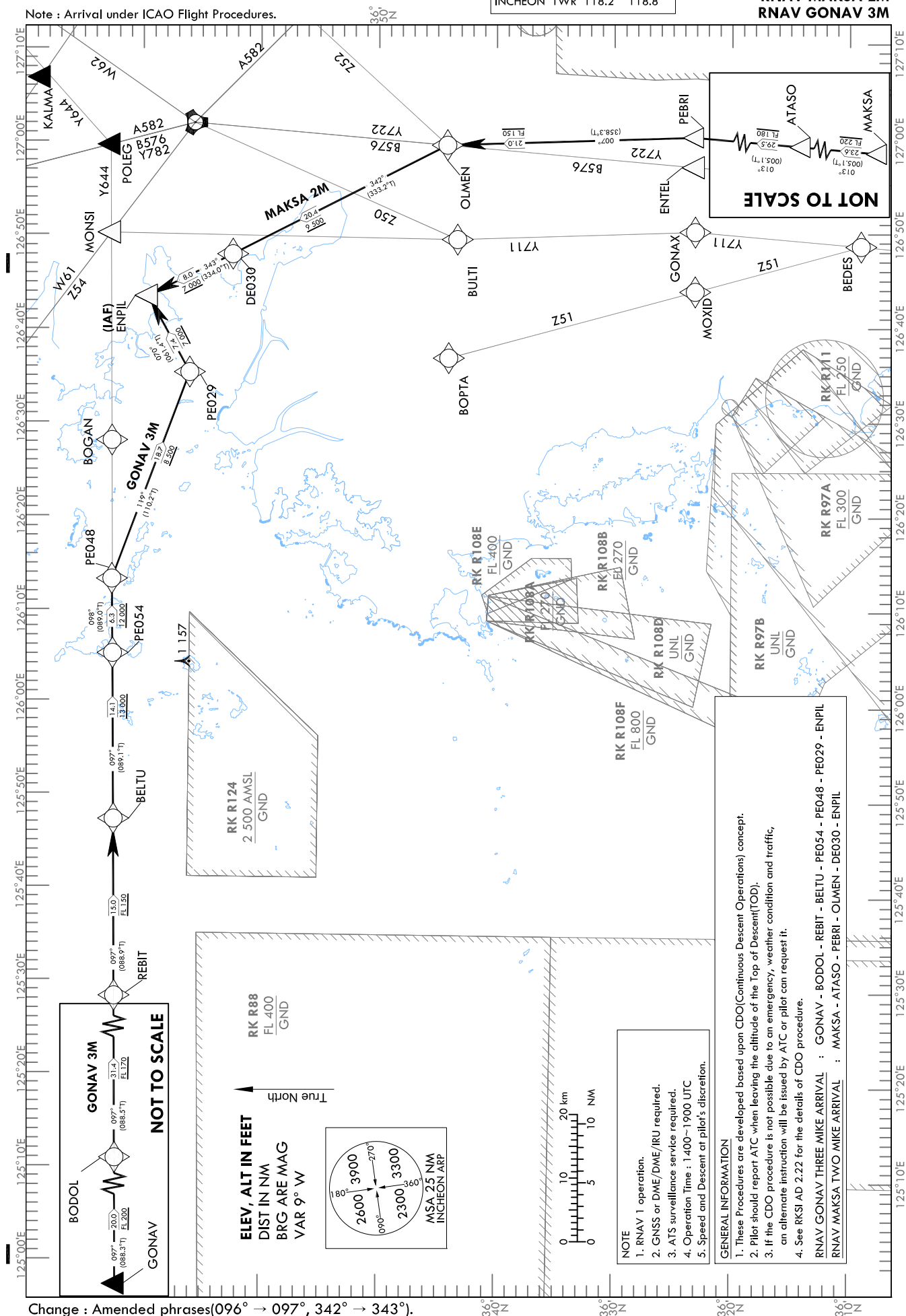
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	CUN	-	-	-	-	-	-	36°37'55.3"N 128°19'31.5"E	-	RNAV 1	-
002	TF	BIGOB	-	314 (305.3)	9.5	-	+FL 220	-	36°43'25.4"N 128°09'52.0"E	-	RNAV 1	-
003	TF	BASEM	-	314 (305.2)	12.5	-	+FL 200	-	36°50'37.2"N 127°57'09.9"E	-	RNAV 1	-
004	TF	GUKDO	-	314 (305.1)	18.4	-	+FL 160	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-
005	TF	GE041	-	291 (282.0)	25.1	-	+10 000	-	37°06'19.6"N 127°07'40.9"E	-	RNAV 1	-
006	TF	ENPIL	-	288 (279.9)	19.6	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

TRANSITION	ALT	14 000
TRANSITION	LVL	FL 140

INCHEON	ACC	132.8	126.175
SEOUL	APP	119.75	121.35
INCHEON	TWR	118.2	118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV MAKSA 2M
RNAV GONAV 3M

Note : Arrival under ICAO Flight Procedures.



Change : Amended phrases(096° → 097°, 342° → 343°).

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV GONAV 3M, RNAV MAKSA 2M

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GONAV 3M

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	GONAV	-	-	-	-	-	-	37°10'48.4"N 124°24'52.6"E	-	RNAV 1	-
002	TF	BODOL	-	097 (088.3)	20.0	-	+FL 200	-	37°11'21.6"N 124°49'53.7"E	-	RNAV 1	-
003	TF	REBIT	-	097 (088.5)	31.4	-	+FL 170	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
004	TF	BELTU	-	097 (088.9)	15.0	-	+FL 150	-	37°12'18.2"N 125°47'59.0"E	-	RNAV 1	-
005	TF	PE054	-	097 (089.1)	14.1	-	+13 000	-	37°12'30.7"N 126°05'34.8"E	-	RNAV 1	-
006	TF	PE048	-	098 (089.0)	6.3	-	+12 000	-	37°12'37.2"N 126°13'28.7"E	-	RNAV 1	-
007	TF	PE029	-	119 (110.2)	18.7	-	+8 500	-	37°06'06.2"N 126°35'26.7"E	-	RNAV 1	-
008	TF	ENPIL	-	070 (061.4)	7.4	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

RNAV MAKSA 2M

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	MAKSA	-	-	-	-	-	-	35°30'11.3"N 126°54'22.0"E	-	RNAV 1	-
002	TF	ATASO	-	013 (005.1)	23.6	-	+FL 220	-	35°53'43.6"N 126°56'57.0"E	-	RNAV 1	-
003	TF	PEBRI	-	013 (005.1)	29.5	-	+FL 180	-	36°23'10.8"N 127°00'13.3"E	-	RNAV 1	-
004	TF	OLMEN	-	007 (358.3)	21.0	-	+FL 150	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-
005	TF	DE030	-	342 (333.2)	20.4	-	+9 500	-	37°02'27.1"N 126°47'57.6"E	-	RNAV 1	-
006	TF	ENPIL	-	343 (334.0)	8.0	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

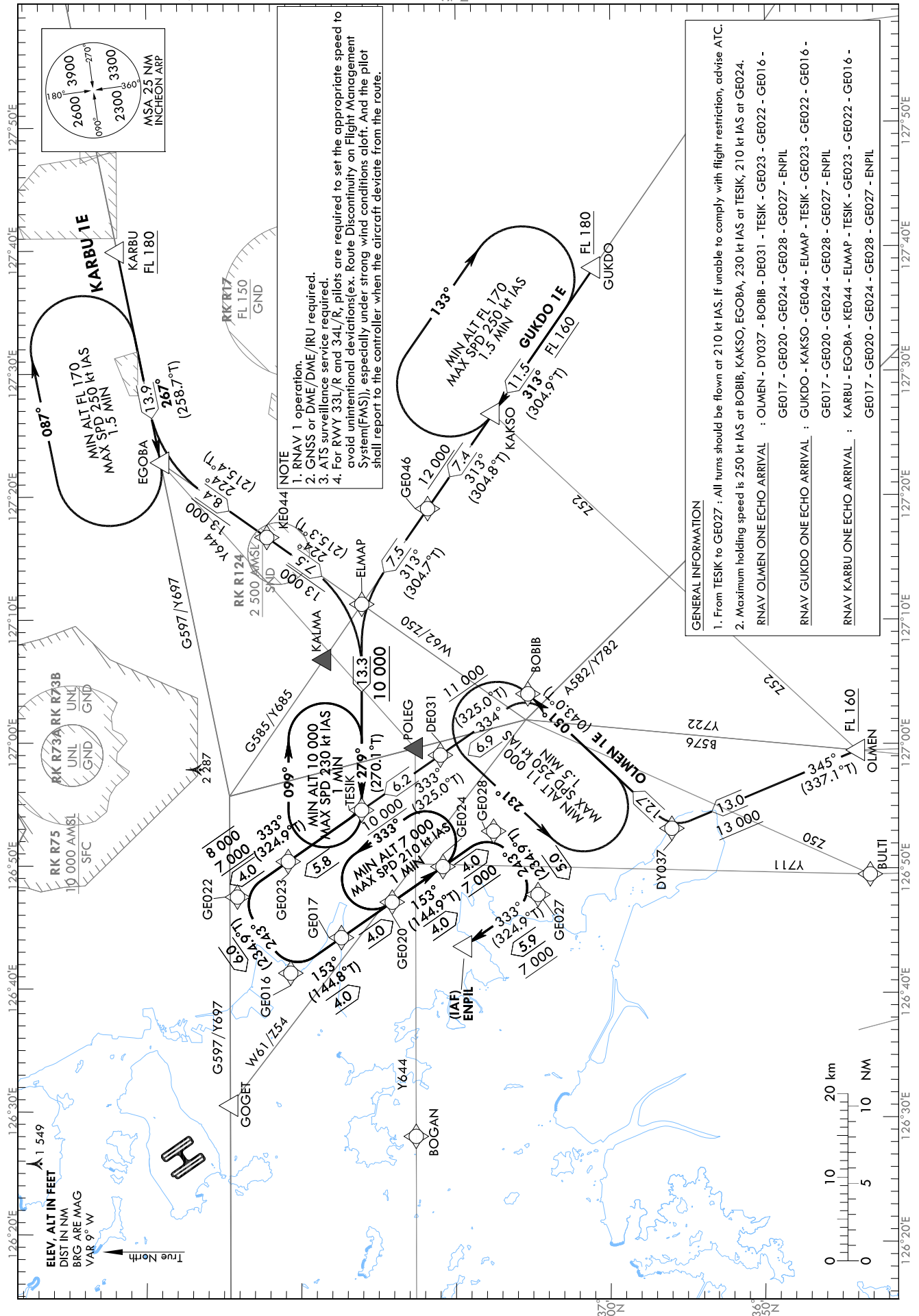
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Int'l(RKSI)
RWY 33L/R RWY 34L/R
RNAV OLMEN 1E
RNAV GUKDO 1E, RNAV KARBU 1E

Note : Arrival under ICAO Flight Procedures.



SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV OLMEN 1E

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV OLMEN 1E													
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	OLMEN	-	-	-	-	+FL 160	-	36°44'13.4"N 126°59'27.6"E	-	RNAV 1	-	-
002	TF	DY037	-	345 (337.1)	13.0	-	+13 000	-	36°56'12.5"N 126°53'08.4"E	-	RNAV 1	-	-
003	TF	BOBIB	-	051 (043.0)	12.7	-	-	-250	37°05'31.6"N 127°03'59.2"E	-	RNAV 1	-	-
004	TF	DE031	-	334 (325.0)	6.9	-	+11 000	-250	37°11'11.2"N 126°59'02.3"E	-	RNAV 1	-	-
005	TF	TESIK	-	333 (325.0)	6.2	-	+10 000	@210	37°16'16.6"N 126°54'34.5"E	-	RNAV 1	-	-
006	TF	GE023	-	333 (324.9)	5.8	-	-	@210	37°21'01.3"N 126°50'24.2"E	-	RNAV 1	-	-
007	TF	GE022	-	333 (324.9)	4.0	-	-8 000 +7 000	@210	37°24'17.9"N 126°47'31.0"E	-	RNAV 1	-	-
008	TF	GE016	-	243 (234.9)	6.0	-	-	@210	37°20'50.4"N 126°41'21.8"E	-	RNAV 1	-	-
009	TF	GE017	-	153 (144.8)	4.0	-	-	@210	37°17'33.9"N 126°44'15.1"E	-	RNAV 1	-	-
010	TF	GE020	-	153 (144.8)	4.0	-	-	@210	37°14'17.5"N 126°47'08.2"E	-	RNAV 1	-	-
011	TF	GE024	-	153 (144.9)	4.0	-	-	@210	37°11'00.9"N 126°50'01.0"E	-	RNAV 1	-	-
012	TF	GE028	-	153 (144.9)	4.0	-	+7 000	@210	37°07'44.3"N 126°52'53.5"E	-	RNAV 1	-	-
013	TF	GE027	-	243 (234.9)	5.0	-	-	@210	37°04'51.6"N 126°47'46.7"E	-	RNAV 1	-	-
014	TF	ENPIL	-	333 (324.9)	5.9	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	-	IAF

Change : Withdrawal of speed restriction at ENPIL.

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV GUKDO 1E

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GUKDO 1E													
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	GUKDO	-	-	-	-	+FL 180	-	37°01'10.9"N 127°38'22.9"E	-	RNAV 1	-	-
002	TF	KAKSO	-	313 (304.9)	11.5	-	+FL 160	-	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	-	-
003	TF	GE046	-	313 (304.8)	7.4	-	+12 000	-	37°11'59.6"N 127°18'58.3"E	-	RNAV 1	-	-
004	TF	ELMAP	-	313 (304.7)	7.5	-	-	-250	37°16'16.0"N 127°11'14.9"E	-	RNAV 1	-	-
005	TF	TESIK	-	279 (270.1)	13.3	-	+10 000	@210	37°16'16.6"N 126°54'34.5"E	-	RNAV 1	-	-
006	TF	GE023	-	333 (324.9)	5.8	-	-	@210	37°21'01.3"N 126°50'24.2"E	-	RNAV 1	-	-
007	TF	GE022	-	333 (324.9)	4.0	-	-8 000 +7 000	@210	37°24'17.9"N 126°47'31.0"E	-	RNAV 1	-	-
008	TF	GE016	-	243 (234.9)	6.0	-	-	@210	37°20'50.4"N 126°41'21.8"E	-	RNAV 1	-	-
009	TF	GE017	-	153 (144.8)	4.0	-	-	@210	37°17'33.9"N 126°44'15.1"E	-	RNAV 1	-	-
010	TF	GE020	-	153 (144.8)	4.0	-	-	@210	37°14'17.5"N 126°47'08.2"E	-	RNAV 1	-	-
011	TF	GE024	-	153 (144.9)	4.0	-	-	@210	37°11'00.9"N 126°50'01.0"E	-	RNAV 1	-	-
012	TF	GE028	-	153 (144.9)	4.0	-	+7 000	@210	37°07'44.3"N 126°52'53.5"E	-	RNAV 1	-	-
013	TF	GE027	-	243 (234.9)	5.0	-	-	@210	37°04'51.6"N 126°47'46.7"E	-	RNAV 1	-	-
014	TF	ENPIL	-	333 (324.9)	5.9	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	-	IAF

Change : Withdrawal of speed restriction at ENPIL.

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV KARBU 1E

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV KARBU 1E												
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	KARBU	-	-	-	-	+FL 180	-	37°31'59.0"N 127°39'52.0"E	-	RNAV 1	-
002	TF	EGOBA	-	267 (258.7)	13.9	-	-	-	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-
003	TF	KE044	-	224 (215.4)	8.4	-	+13 000	-	37°22'23.8"N 127°16'40.7"E	-	RNAV 1	-
004	TF	ELWAP	-	224 (215.3)	7.5	-	+13 000	-250	37°16'16.0"N 127°11'14.9"E	-	RNAV 1	-
005	TF	TESIK	-	279 (270.1)	13.3	-	+10 000	@210	37°16'16.6"N 126°54'34.5"E	-	RNAV 1	-
006	TF	GE023	-	333 (324.9)	5.8	-	-	@210	37°21'01.3"N 126°50'24.2"E	-	RNAV 1	-
007	TF	GE022	-	333 (324.9)	4.0	-	-8 000 +7 000	@210	37°24'17.9"N 126°47'31.0"E	-	RNAV 1	-
008	TF	GE016	-	243 (234.9)	6.0	-	-	@210	37°20'50.4"N 126°41'21.8"E	-	RNAV 1	-
009	TF	GE017	-	153 (144.8)	4.0	-	-	@210	37°17'33.9"N 126°44'15.1"E	-	RNAV 1	-
010	TF	GE020	-	153 (144.8)	4.0	-	-	@210	37°14'17.5"N 126°47'08.2"E	-	RNAV 1	-
011	TF	GE024	-	153 (144.9)	4.0	-	-	@210	37°11'00.9"N 126°50'01.0"E	-	RNAV 1	-
012	TF	GE028	-	153 (144.9)	4.0	-	+7 000	@210	37°07'44.3"N 126°52'53.5"E	-	RNAV 1	-
013	TF	GE027	-	243 (234.9)	5.0	-	-	@210	37°04'51.6"N 126°47'46.7"E	-	RNAV 1	-
014	TF	ENPIL	-	333 (324.9)	5.9	-	+7 000	-	37°09'39.0"N 126°43'34.0"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV OLWEN 1E	-	BOBIB	Y	051 (043.0)	1.5	L	+11 000	-250	37°05'31.6"N 127°03'59.2"E	-	RNAV 1	-
RNAV GUKDO 1E	-	KAKSO	Y	313 (304.9)	1.5	R	+FL 170	-250	37°07'44.6"N 127°26'37.4"E	-	RNAV 1	-
RNAV KARBU 1E	-	EGOBA	Y	267 (258.7)	1.5	R	+FL 170	-250	37°29'14.7"N 127°22'45.9"E	-	RNAV 1	-
RNAV GUKDO 1E	-	TESIK	Y	279 (270.1)	1.0	R	+10 000	-230	37°16'16.6"N 126°54'34.5"E	-	RNAV 1	-
RNAV KARBU 1E	-	GE024	Y	153 (144.9)	1.0	L	+7 000	-210	37°11'00.9"N 126°50'01.0"E	-	RNAV 1	-

Change : Withdrawal of speed restriction at ENPIL.

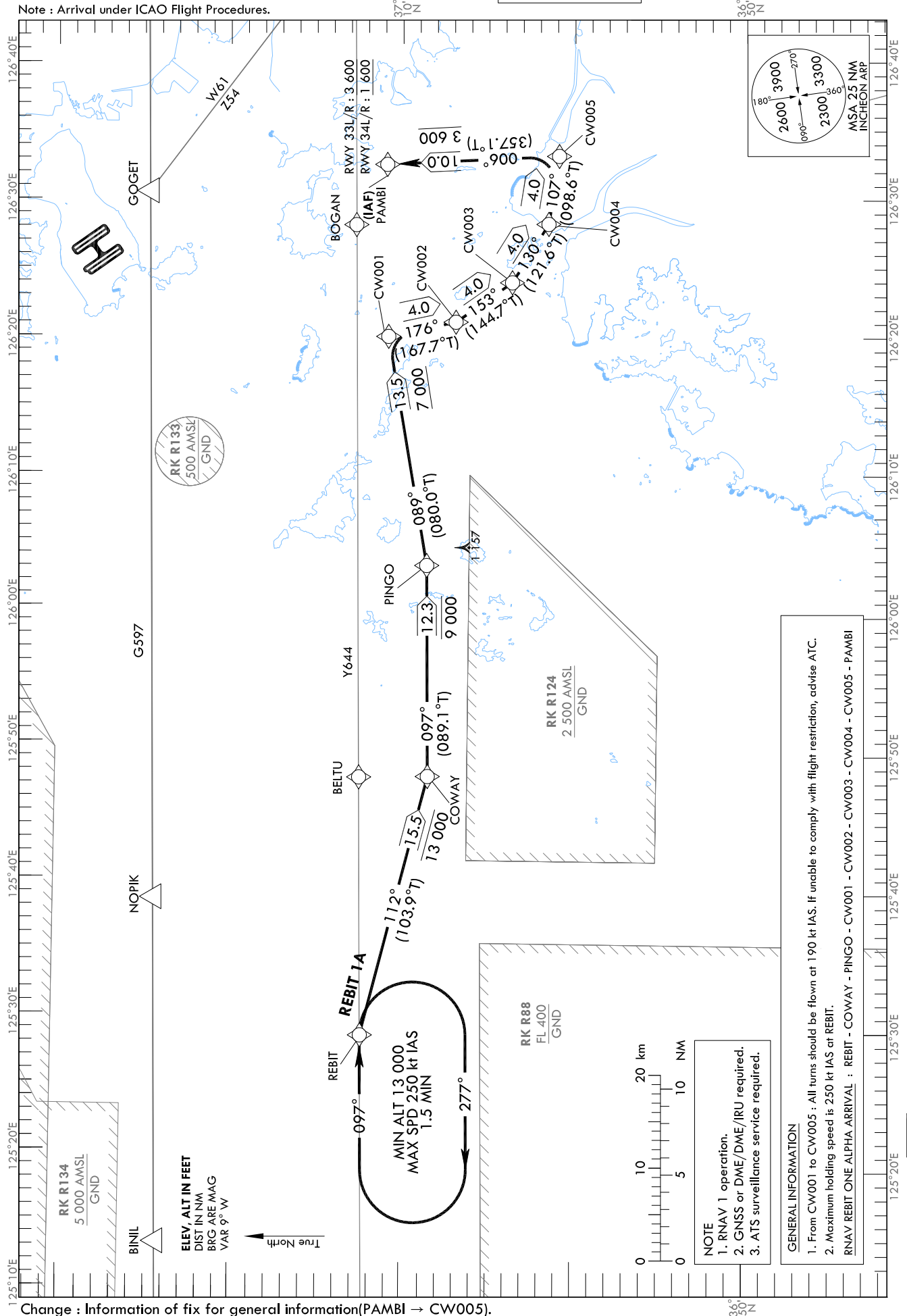
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
121.35
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV REBIT 1A

Note : Arrival under ICAO Flight Procedures.



SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34L/R
RNAV REBIT 1A

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 1A												
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	REBIT	-	-	-	-	-	-	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-
002	IF	COWAY	-	112 (103.9)	15.5	-	-13 000	-	37°08'17.9"N 125°48'04.6"E	-	RNAV 1	-
003	TF	PINGO	-	097 (089.1)	12.3	-	-9 000	-	37°08'28.1"N 126°03'25.2"E	-	RNAV 1	-
004	TF	CW001	-	089 (080.0)	13.5	-	@7 000	@190	37°10'47.3"N 126°20'03.6"E	-	RNAV 1	-
005	TF	CW002	-	176 (167.7)	4.0	-	@7 000	@190	37°06'52.4"N 126°21'07.4"E	-	RNAV 1	-
006	TF	CW003	-	153 (144.7)	4.0	-	@7 000	@190	37°03'36.4"N 126°24'00.8"E	-	RNAV 1	-
007	TF	CW004	-	130 (121.6)	4.0	-	@7 000	@190	37°01'30.3"N 126°28'16.0" E	-	RNAV 1	-
008	TF	CW005	-	107 (098.6)	4.0	-	@7 000	@190	37°00'54.3"N 126°33'12.3"E	-	RNAV 1	-
009	TF	PAMBI	-	006 (357.1)	10.0	-	33L/R: +3 600 34L/R: +1 600	-	37°10'54.3"N 126°32'34.4"E	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV REBIT 1A	-	REBIT	Y	097 (089.1)	1.5	R	+13 000	-250	37°12'03.0"N 125°29'12.7"E	-	RNAV 1	-

Change : Withdrawal of speed restriction at PAMBI.